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## SURVEY OF INCOME AND PROGRAM PARTICIPATION (SIPP) 2001 PANEL <br> WAVE 2 CORE MICRODATA FILE

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ABSTRACT<br>Survey of Income and Program Participation (SIPP) 2001 Panel Wave 2 Core Microdata File, [machine-readable data file] / conducted by the U.S. Bureau of the Census. -Washington: The Bureau [producer and distributor], 2005.

## 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

The file contains basic demographic and social characteristics data for each member of the household. 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 sample in each wave consists of 4 rotation groups, each interviewed in a different month. For Wave 2, the interview months are from June 2001 to September 2001. For each group, the reference period for reporting labor force activity and income is the four calendar months preceding the interview month.

SIPP is a longitudinal survey where each sampled household and each descendent household is reinterviewed at 4-month intervals for 9 interviews or "waves." This file contains the results of the second interview. Unique codes are included on each record to allow linking together the same persons from the preceding and subsequent waves.

## 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: Rectangular. Each logical record for a sampled person includes information on the household and family of which the person was a part during each month of the reference period, as well as characteristics of the person and each source of income received during the period. Beginning in 1990 the unit observation changed from one record for each person to one record for each person for each month in sample.

File Size: 289,300 logical records; 2,192 characters per record
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) 2001 Panel, Wave 2 Core Microdata File 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. It is available at http://www.sipp.census.gov/sipp/pubs.html

## Related Reports Online and in Print:

Related 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. These reports are available online in PDF in the Publications Library at http://www.census.gov/prod/www/titles.html and in some cases in printed form from the Customer Services Center. Forthcoming reports will be cited in the Census Product Update, an online newsletter issued every two weeks. To subscribe or to view past issues, go to http://www.census.gov/mp/www/cpu.html

## Related Machine-Readable Data Files:

SIPP files from all Waves of the 1984 through 1993 Panels, 1996 Panel, and 2001 Panel are available from the Customer Services Center. Files (1990 forward) may be downloaded from the Federal Electronic Research and Review Extraction Tool (FERRET) at http://www.ferret.bls.census.gov/cgi-bin/ferret

## File Availability:

You can order the file on disc from the Customer Services Center at (301) 763-INFO (4636) or through our online sales catalog (click "Catalog" on the Census Bureau's home page). This $f$ also may be downloaded from the Federal Electronic Research and Review Extraction Tool (FERRET) at
http://www.ferret.bls.census.gov/cgi-bin/ferret

## 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
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 selfemployment 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<br>Address ID<br>Entry Address ID<br>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 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.

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-60, 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.

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 2001 WAVE 2 CORE MICRODATA FILES

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AS: ........... Allocation flag for EAST2D .................................................................................................................................. 1813 1813-1813
AS: .......... Allocation flag for EAST3A ...................................................................................... AAST3A ........................... 1816-1816
AS: .......... Allocation flag for EAST3B ....................................................................................... AAST3B ........................... 1819-1819
AS: .......... Allocation flag for EAST3C ...................................................................................... AAST3C ........................... 1822-1822
AS: .......... Allocation flag for EAST3D ..................................................................................... AAST3D ........................... 1825-1825
AS: .......... Allocation flag for EAST3E ....................................................................................... AAST3E ........................... 1828-1828

|  | Description | Variable | Position |
| :---: | :---: | :---: | :---: |
|  | Allocation flag for EAST4A | AAST4A | 1831-1831 |
|  | Allocation flag for EAST4B | AAST4B | 1834-1834 |
|  | Allocation flag for EAST4C | AAST4C | 1837-1837 |
|  | Allocation flag for EBDJT. | ABDJT | 1993-1993 |
|  | Allocation flag for EBDOAST | ABDOAST | 2002-2002 |
|  | Allocation flag for ECDJT | ACDJT | 1975-1975 |
|  | Allocation flag for ECDOAST. | ACDOAST | 1984-1984 |
|  | Allocation flag for ECKJT | ACKJT | 1921-1921 |
|  | Allocation flag for ECKOAST | ACKOAST | 1930-1930 |
|  | Allocation flag for EGVJT | AGVJT | 2011-2011 |
|  | Allocation flag for EGVOAST | AGVOAST | 2020-2020 |
|  | Allocation flag for EJNTRNT | AJNTRNT | 1840-1840 |
|  | Allocation flag for EJRNT2 | AJRNT2 | 1872-1872 |
|  | Allocation flag for EMANYCHK . | AMANYCHK | 2035-2035 |
|  | Allocation flag for EMDJT | AMDJT | 1957-1957 |
|  | Allocation flag for EMDOAST | AMDOAST | 1966-1966 |
|  | Allocation flag for EMOTHDIV | AMOTHDIV . | 2050-2050 |
|  | Allocation flag for EMRTJNT | AMRTJNT | 1882-1882 |
|  | Allocation flag for EMRTOWN | AMRTOWN | 1891-1891 |
|  | Allocation flag for EOWNRNT | AOWNRNT | 1856-1856 |
|  | Allocation flag for ESANYCHK . | ASANYCHK | 2065-2065 |
|  | Allocation flag for ESOTHDIV | ASOTHDIV | 2080-2080 |
|  | Allocation flag for ESVJT | ASVJT | 1939-1939 |
|  | Allocation flag for ESVOAST | ASVOAST | 1948-1948 |
|  | Allocation flag for TBDJTINT | ABDJTINT | 1999-1999 |
|  | Allocation flag for TBDOINT | ABDOINT | 2008-2008 |
|  | Allocation flag for TCDJTINT | ACDJTINT | 1981-1981 |
|  | Allocation flag for TCDOINT | ACDOINT | 1990-1990 |
|  | Allocation flag for TCKJTINT. | ACKJTINT | 1927-1927 |
|  | Allocation flag for TCKOINT. | ACKOINT | 1936-1936 |
|  | Allocation flag for TGVJTINT | AGVJTINT | 2017-2017 |
|  | Allocation flag for TGVOINT | AGVOINT | 2026-2026 |
|  | Allocation flag for TJACLR | AJACLR | 1853-1853 |
|  | Allocation flag for TJACLR2 | AJACLR2 | 1879-1879 |
|  | Allocation flag for TJARNT | AJARNT | 1846-1846 |
|  | Allocation flag for TMDJTINT | AMDJTINT | 1963-1963 |
|  | Allocation flag for TMDOINT | AMDOINT | 1972-1972 |
|  | Allocation flag for TMIJNT | AMIJNT | 1888-1888 |
|  | Allocation flag for TMIOWN | AMIOWN | 1897-1897 |
|  | Allocation flag for TMJADIV | AMJADIV | 2056-2056 |
|  | Allocation flag for TMJNTDIV . | AMJNTDIV | 2041-2041 |
|  | Allocation flag for TMOWNADV | AMOWNADV | 2062-2062 |
|  | Allocation flag for TMOWNDIV . | AMOWNDIV | 2047-2047 |
|  | Allocation flag for TOACLR | AOACLR | 1869-1869 |
|  | Allocation flag for TOARNT . | AOARNT . | 1862-1862 |
|  | Allocation flag for TRNDUP1 | ARNDUP1 | 1903-1903 |
|  | Allocation flag for TRNDUP2. | ARNDUP2 | 1911-1911 |
|  | Allocation flag for TSJADIV . | ASJADIV . | 2086-2086 |
|  | Allocation flag for TSJNTDIV | ASJNTDIV | 2071-2071 |
|  | Allocation flag for TSOWNADV | ASOWNADV | 2092-2092 |
|  | Allocation flag for TSOWNDIV .. | ASOWNDIV . | 2077-2077 |



|  |  |  |  |
| :---: | :---: | :---: | :---: |
| Other financial investments owned ................................................................ EAST4C ....................... 1835-1836 |  |  |  |
| Ownership of jointly held savings account ..................................................... ESVJT ........................... 1937-1938 |  |  |  |
| AS: .......... Ownership of solely held savings account ................................................... ESVOAST ...................... 1946-1947 |  |  |  |
|  |  | EJNTRNT | 838 |
| AS: .......... Rent from property owned entirely in own name ............................................. EOWNRNT ................... 1854-1855 |  |  |  |
| AS: ......... Rent from property owned with others .......................................................... EJRNT2 ....................... 1870-1871 |  |  |  |
|  |  |  |  |
| AS: ......... Royalty income received ................................................................................ EAST4B ........................ 1832-1833 |  |  |  |
|  | Savings account owned | AST2B | 805-180 |
| AS: .......... Solely owned U.S. Government securities ..................................................... EGVOAST ..................... 2018-2019 |  |  |  |
| AS: .......... Solely owned certificates of deposit .................................................................. ECDOAST ...................... 1982-1983 |  |  |  |
|  | Solely owned interest earning checking | ECKOAST | 928-1929 |
| AS: .......... Solely owned money market deposit account ................................................ EMDOAST ..................... 1964-1965 |  |  |  |
| AS: .......... Solely owned municipal or corporate bonds ................................................... EBDOAST ..................... 2000-2001 |  |  |  |
| AS: .......... Stocks owned ................................................................................................... EAST3B ........................... 1817-1818 |  |  |  |
|  | Total amount of all dividend | TDIVIN | 2093-209 |
| AS: .......... U.S. government savings bonds owned ........................................................ EAST1A ........................ 1793-1794 |  |  |  |
|  |  |  |  |
|  |  |  |  |
| BS: ......... Across-wave business index/number ............................................................ EBNO2 ......................... 1110-1111 |  |  |  |
| BS: ......... Allocation flag for EBIZNOW1 ........................................................................ ABIZNOW1 ................... 1029-1029 |  |  |  |
| BS: ......... Allocation flag for EBIZNOW2 ....................................................................... ABIZNOW2 ................... 1114-1114 |  |  |  |
|  | Allocation flag for |  | 1062-10 |
| BS: ......... Allocation flag for EEMPB2 ............................................................................ AEMPB2 ....................... 1147-1147 |  |  |  |
| BS: ......... Allocation flag for EGROSB1 ......................................................................... AGROSB1 ..................... 1056-1056 |  |  |  |
|  | Allocation flag for EGROSB2 | AGROSB | 1 |
| BS: ......... Allocation flag for EGRSSB1 .......................................................................... AGRSSB1 ..................... 1059-105 |  |  |  |
| BS: ......... Allocation flag for EGRSSB2 .......................................................................... AGRSSB2 ..................... 1144-1144 |  |  |  |
| BS: ......... Allocation flag for EHPRTB1 .......................................................................... AHPRTB1 ..................... 1071-1071 |  |  |  |
| BS: ......... Allocation flag for EHPRTB2 .......................................................................... AHPRTB2 ..................... 1156-1156 |  |  |  |
| BS: ......... Allocation flag for EHRSBS1 .......................................................................... AHRSBS1 ..................... 1053-1053 |  |  |  |
| BS: ......... Allocation flag for EHRSBS2 .......................................................................... AHRSBS2 ..................... 1138-1138 |  |  |  |
| BS: ......... Allocation flag for EINCPB1 ........................................................................... AINCPB1 ...................... 1065-1065 |  |  |  |
| BS: ......... Allocation flag for EINCPB2 ........................................................................... AINCPB2 ...................... 1150-1150 |  |  |  |
| BS: ......... Allocation flag for EOINCB1 ........................................................................... AOINCB1 ..................... 1077-1077 |  |  |  |
| BS: ......... Allocation flag for EOINCB2 ............................................................................ AOINCB2 ..................... 1162-1162 |  |  |  |
| BS: ......... Allocation flag for EPROPB1 ........................................................................... APROPB1 ..................... 1068-1068 |  |  |  |
| BS: ......... Allocation flag for EPROPB2. ........................................................................... APROPB2 ..................... 1153-1153 |  |  |  |
| BS: ......... Allocation flag for ERENDB1 .......................................................................... ARENDB1 ..................... 1050-1050 |  |  |  |
| BS: ......... Allocation flag for ERENDB2 ......................................................................... ARENDB2 ..................... 1135-1135 |  |  |  |
| BS: ......... Allocation flag for ESLRYB1 ............................................................................ ASLRYB1 ...................... 1074-1074 |  |  |  |
| BS: ......... Allocation flag for ESLRYB2 ............................................................................ ASLRYB2 ...................... 1159-1159 |  |  |  |
| BS: ......... Allocation flag for TBMSUM1 ........................................................................... ABMSUM1 ..................... 1090-1090 |  |  |  |
| BS: ......... Allocation flag for TBMSUM2 .......................................................................... ABMSUM2 ..................... 1175-1175 |  |  |  |
| BS: ......... Allocation flag for TBSIND1 ........................................................................... ABSIND1 ...................... 1105-1105 |  |  |  |
| BS: ......... Allocation flag for TBSIND2 ........................................................................... ABSIND2 ...................... 1190-1190 |  |  |  |
| BS: ......... Allocation flag for TBSOCC1 .......................................................................... ABSOCC1 ..................... 1109-1109 |  |  |  |
| BS: ......... Allocation flag for TBSOCC2 .......................................................................... ABSOCC2 ..................... 1194-1194 |  |  |  |
| BS: ......... Allocation flag for TEBDATE1 ........................................................................ AEBDATE1 ................... 1047-1047 |  |  |  |
| BS: ......... Allocation flag for TEBDATE2 ........................................................................ AEBDATE2 ................... 1132-1132 |  |  |  |
| BS: ......... Allocation flag for TPRFTB1 .......................................................................... APRFTB1 ..................... 1084-1084 |  |  |  |





|  | Description | Variable | Position |
| :---: | :---: | :---: | :---: |
|  | Allocation flag for ER27 | AR27 | 1392-1392 |
|  | Allocation flag for ER28 | AR28 | 1395-1395 |
|  | Allocation flag for ER29 | AR29 | 1398-1398 |
|  | Allocation flag for ER30 | AR30 | 1401-1401 |
|  | Allocation flag for ER31 | AR31 | 1404-1404 |
|  | Allocation flag for ER32 | AR32 | 1407-1407 |
|  | Allocation flag for ER34 | AR34 | 1410-1410 |
|  | Allocation flag for ER35 | AR35 | 1413-1413 |
|  | Allocation flag for ER36 | AR36 | 1416-1416 |
|  | Allocation flag for ER37 | AR37 | 1419-1419 |
|  | Allocation flag for ER38 | AR38 | 1422-1422 |
|  | Allocation flag for ER39 | AR39 | 1425-1425 |
|  | Allocation flag for ER42 | AR42 | 1428-1428 |
|  | Allocation flag for ER50 | AR50 | 1431-1431 |
|  | Allocation flag for ER51 | AR51 | 1434-1434 |
|  | Allocation flag for ER52 | AR52 | 1437-1437 |
|  | Allocation flag for ER53 | AR53 | 1440-1440 |
|  | Allocation flag for ER55 | AR55 | 1443-1443 |
|  | Allocation flag for ER56 | AR56 | 1446-1446 |
|  | Allocation flag for ERESNSS1 | ARESNSS1 | 1320-1320 |
|  | Allocation flag for ERESNSS2 | ARESNSS2 | 1323-1323 |
|  | Allocation flag for EROLOVR1 | AROLOVR1 | 1701-1701 |
|  | Allocation flag for EROLOVR2 | AROLOVR2 | 1704-1704 |
|  | Allocation flag for ESSCHILD | ASSCHILD | 1215-1215 |
|  | Allocation flag for ESSICHLD | ASSICHLD | 1218-1218 |
|  | Allocation flag for ESSISELF | ASSISELF | 1221-1221 |
|  | Allocation flag for ESSSELF | ASSSELF | 1212-1212 |
|  | Allocation flag for ESTSSI | ASTSSI | 1224-1224 |
|  | Allocation flag for EUECTYP5 | AUECTYP5 | 1197-1197 |
|  | Allocation flag for EUECTYP7 | AUECTYP7 | 1200-1200 |
|  | Allocation flag for EWICYN | AWICYN | 1284-1284 |
|  | Allocation flag for REMPDRSN . | AEMPDRSN | 1233-1233 |
|  | Allocation flag for RESTARSN | AESTARSN | 1263-1263 |
|  | Allocation flag for RFCSRSN | AFCSRSN | 1239-1239 |
|  | Allocation flag for RINSRSN | AINSRSN | 1230-1230 |
|  | Allocation flag for RLGOVRSN | ALGOVRSN | 1245-1245 |
|  | Allocation flag for RLIFIRSN | ALIFIRSN | 1257-1257 |
|  | Allocation flag for RMILRSN | AMILRSN | 1248-1248 |
|  | Allocation flag for ROTHRRSN . | AOTHRRSN | 1254-1254 |
|  | Allocation flag for RPENSRSN . | APENSRSN | 1236-1236 |
|  | Allocation flag for RSTATRSN | ASTATRSN | 1242-1242 |
|  | Allocation flag for RVETSRSN | AVETSRSN | 1260-1260 |
|  | Allocation flag for RWCMPRSN | AWCMPRSN | 1227-1227 |
|  | Allocation flag for T01AMTA | A01AMTA | 1455-1455 |
|  | Allocation flag for T01AMTK | A01AMTK | 1461-1461 |
|  | Allocation flag for T02AMT | A02AMT | 1467-1467 |
|  | Allocation flag for T03AMTA | A03AMTA | 1473-1473 |
|  | Allocation flag for T03AMTK | A03AMTK | 1479-1479 |
|  | Allocation flag for T04AMT | A04AMT | 1485-1485 |
|  | Allocation flag for T05AMT | A05AMT | 1491-1491 |
|  | Allocation flag for T07AMT | A07AMT | 1497-1497 |





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| :---: | :---: | :---: | :---: |
| Receipt of child support payments (ISS Code 28) .......................................... ECSYN ......................... 1270-1271 |  |  |  |
|  |  |  | 6-1427 |
| . Receipt of food stamps (ISS Code 27) ........................................................... EFSYN .......................... 1276-1277 |  |  |  |
| GI: ........... Receipt of foster child care payments (ISS Code 23) ..................................... EFCCYN ...................... 1264-1265 |  |  |  |
|  | Receipt of incidental or casual earning |  |  |
| GI: .......... Receipt of income assistance from a charitable group ................................... ER50 ........................... 1429-1430 |  |  |  |
| G. ........... Receipt of income from IRA, 401k, or KEOGH (ISS 42) ................................... EASETDRW .................. 1315-1316 |  |  |  |
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|  |  |  |  |
|  |  |  |  |
| GI: ........... Receipt of lump sum payments (ISS Code 52) .............................................. ER52 ............................ 1435-1436 |  |  |  |
| GI. ........... Receipt of miscellaneous cash income (ISS Code 56) ................................... ER56 ........................... 1444 - 1445 |  |  |  |
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|  |  |  |  |
| GI: .......... Receipt of other state/county welfare (ISS Code 24) ..................................... EPATYP7 ..................... 1306-1307 |  |  |  |
| GI: .......... Receipt of other type of lump sum payment .................................................... ELMPTYP3 ................... 1207-1208 |  |  |  |
|  |  |  |  |
| GI: .......... Receipt of own sickness, accident insurance payments ............................... ER13 ........................... 1363-1364 |  |  |  |
| GI: ........... Receipt of paid-up life insurance annuity ..................................................... ER36 .......................... 1414-1415 |  |  |  |
| GI: .......... Receipt of pension from a company or union ................................................. ER30 ............................ 1399-1400 |  |  |  |
|  |  |  |  |
| GI: .......... Receipt of severance pay (ISS Code 15) ........................................................ ELMPTYP2 ................... 1204-1205 |  |  |  |
| GI: .......... Recipiency of WIC (ISS Code 25) ................................................................... EWICYN ....................... 1282-1283 |  |  |  |
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| GI: .......... Second reason applied for Pub Asst/AFDC the 2nd time ................................ RAB2R2 ....................... 1719-1720 |  |  |  |
| GI: ........... Second reason for applying for WIC the 1st time ............................................. RWB1R2 ...................... 1735-1736 |  |  |  |
|  | Second reason for applying for |  | 739-1740 |
| GI: ........... Second reason for receipt of Social Security .................................................. ERESNSS2 .................. 1321-1322 |  |  |  |
| GI: .......... Second reason for stopping AFDC/TANF the first time .................................... RAS12 .......................... 1723-1724 |  |  |  |
|  |  |  |  |
| GI: ........... Third reason for stopping AFDC/TANF the first time ........................................ RAS13 .......................... 1725-1726 |  |  |  |
| GI : ........... Third reason for stopping AFDC/TANF the second time ................................. RAS23 .......................... 1731-1732 |  |  |  |
| HH: ......... Number of children receiving complete breakfast .......................................... RNKBRK ........................... 141-142 |  |  |  |
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| HH: ......... Allocation flag for EACCESS .......................................................................... AACCESS ............................. $83-83$ |  |  |  |
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| HH: ......... Allocation flag for EEGYAMT .......................................................................... AEGYAMT ......................... 126-126 |  |  |  |
| HH: ......... Allocation flag for EEGYPMT1-EEGYPMT3 ..................................................... AEGYPMT ......................... 120-120 |  |  |  |
| HH: ......... Allocation flag for EFREEBRK ....................................................................... AFREEBRK ...................... 145-145 |  |  |  |
| HH: ......... Allocation flag for EFREELUN ....................................................................... AFREELUN ...................... 134-134 |  |  |  |
| H: ......... Allocation flag for EFRERDBK ....................................................................... AFRERDBK ...................... 148-148 |  |  |  |
| : ......... Allocation flag for EFRERDLN ....................................................................... AFRERDLN ...................... 137-137 |  |  |  |
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| HH: ......... Allocation flag for EHOTLUNC ....................................................................... AHOTLUNC ...................... 129-129 |  |  |  |
| HH: ......... Allocation flag for ELIVQRT ............................................................................ ALIVQRT ............................... 89 - 89 |  |  |  |
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| :---: | :---: | :---: |
| HH: ......... Allocation flag for EUNITS $\qquad$ AUNITS $\qquad$ 86-86 <br> HH: <br> Allocation flag for EUTILYN <br> AUTILYN <br> 110-110 |  |  |
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| HH: ......... Energy assist paymnt to utils, fuel dealers, landlord ...................................... EEGYPMT3 ....................... 118-119 |  |  |
| HH: ........ Energy assistance payment by check ..........................................................EEGYPMT1 ....................... 114-115 |  |  |
| H: ......... Energy assistance payment by cour |  |  |
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| HH: ......... Poverty threshold for this household in this month ......................................... RHPOV ............................. 193-197 |  |  |
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| HH: ......... Receipt of school breakfast ...........................................................................EBRKFST ......................... 138-139 |  |  |
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| HH: ......... Total Household Supplemental Security Income Recode .............................. THSSI ............................... 225-230 |  |  |
| HH: ......... Total Household Unemployment Income Recode ......................................... THUNEMP ........................ 231-236 |  |  |
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| HH: ......... Total household earned income .................................................................... THEARN ........................... 150-156 |  |  |
| HH: ......... Total household income ............................................................................... THTOTINC ........................ 179-186 |  |  |
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| Description | Variable | Position |
| :---: | :---: | :---: |
| JB: .......... Allocation flag ESTLEMP2 | ASTLEMP2 | 953-953 |
| JB: .......... Allocation flag for ECLWRK1 | ACLWRK1 | 918-918 |
| JB: .......... Allocation flag for ECLWRK2 | ACLWRK2 | 994-994 |
| JB: .......... Allocation flag for ECNTRC1 | ACNTRC1 | 924-924 |
| JB: .......... Allocation flag for ECNTRC2. | ACNTRC2 | 000-1000 |
| JB: .......... Allocation flag for EEMPALL1 | AEMPALL1 | 907-907 |
| JB: .......... Allocation flag for EEMPALL2 | AEMPALL2 | 983-983 |
| JB: .......... Allocation flag for EEMPLOC1 | AEMPLOC1 | 904-904 |
| JB: .......... Allocation flag for EEMPLOC2 | AEMPLOC2 | 980-980 |
| JB: .......... Allocation flag for EEMPSIZ1 | AEMPSIZ1 | 910-910 |
| JB: .......... Allocation flag for EEMPSIZ1 | AEMPSIZ2 | 986-986 |
| JB: .......... Allocation flag for EJBHRS1 | AJBHRS1 | 901-901 |
| JB: .......... Allocation flag for EJBHRS2. | AJBHRS2 | 977-977 |
| JB: ......... Allocation flag for EJBIND1 | AJBIND1 | 944-944 |
| JB: .......... Allocation flag for EJBIND2. | AJBIND2 | 020-1020 |
| JB: .......... Allocation flag for EOCCTIM1 | AOCCTIM1 | 915-915 |
| JB: .......... Allocation flag for EOCCTIM2 | AOCCTIM2 | 991-991 |
| JB: .......... Allocation flag for EPAYHR1 | APAYHR1 | 933-933 |
| JB: .......... Allocation flag for EPAYHR2. | APAYHR2 | 009-1009 |
| JB: .......... Allocation flag for ERSEND1 | ARSEND1 | 898-898 |
| JB: .......... Allocation flag for ERSEND2. | ARSEND2 | 974-974 |
| JB: .......... Allocation flag for EUNION1 | AUNION1 | 921-921 |
| JB: .......... Allocation flag for EUNION2. | AUNION2 | 997-997 |
| JB: .......... Allocation flag for TEJDATE1 | AEJDATE1 | 895-895 |
| JB: .......... Allocation flag for TEJDATE2 | AEJDATE2 | 971-971 |
| JB: .......... Allocation flag for TJBOCC1 | AJBOCC1 | 948-948 |
| JB: .......... Allocation flag for TJBOCC2. | AJBOCC2 | 024-1024 |
| JB: .......... Allocation flag for TPMSUM1 | APMSUM1 . | 930-930 |
| JB: .......... Allocation flag for TPMSUM2. | APMSUM2 | 006-1006 |
| JB: .......... Allocation flag for TPYRATE1 | APYRATE1 | 938-938 |
| JB: .......... Allocation flag for TPYRATE2. | APYRATE2 | 014-1014 |
| JB: .......... Allocation flag for TSJDATE1 | ASJDATE1 | 886-886 |
| JB: .......... Allocation flag for TSJDATE2 | ASJDATE2 | 962-962 |
| JB: .......... Class of worker | ECLWRK1 | 916-917 |
| JB: .......... Class of worker | ECLWRK2 | 992-993 |
| JB: .......... Coverage by union or employee association contract | ECNTRC1 | 922-923 |
| JB: .......... Coverage by union or employee association contract | ECNTRC2 | 998-999 |
| JB: .......... Earnings from job received in this month | TPMSUM1 | 925-929 |
| JB: .......... Earnings from job received in this month. | TPMSUM2 | 001-1005 |
| JB: .......... Employees at worker's location | TEMPSIZ1 | 908-909 |
| JB: .......... Employees at worker's location | TEMPSIZ2 | 984-985 |
| JB: .......... Employer operations in more than one location | EEMPLOC1 | 902-903 |
| JB: .......... Employer operations in more than one location | EEMPLOC2 | 978-979 |
| JB: .......... Ending date of job | TEJDATE1 | 887-894 |
| JB: .......... Ending date of job | TEJDATE2 | 963-970 |
| JB: .......... Frequency of payment at job | RPYPER1 | 939-940 |
| JB: .......... Frequency of payment at job | RPYPER2 | 015-1016 |
| JB: .......... Industry code | EJBIND1 | 941-943 |
| JB: .......... Industry code | EJBIND2 | 017-1019 |
| JB: .......... Length of time in this occupation | EOCCTIM1 | 911-914 |
| JB: .......... Length of time in this occupation. | EOCCTIM2 | 987-990 |



| Description | Variable | Position |
| :---: | :---: | :---: |
| LF: .......... Income from additional work | EMOONLIT | 836-837 |
| LF: .......... Main reason for being absent without pay | EABRE | 817-818 |
| LF: .......... Main reason for not working during the ref. period | ERSNOWR | 811-812 |
| LF: .......... Main reason for working less than 35 hours | EPTRESN | 823-824 |
| LF: .......... Number of businesses owned during reference period | EBUSCNTR | 798-799 |
| LF: .......... Number of jobs held during the reference period | EJOBCNTR | 800-801 |
| LF: .......... Number of weeks absent without pay from job in month | RMWKSAB | 863-864 |
| LF: .......... Number of weeks in the reference period | EMAX | 796-797 |
| LF: .......... Number of weeks in this month | RWKSPERM | 871-872 |
| LF: .......... Number of weeks looking for work/on layoff in month | RMWKLKG | 866-867 |
| LF: .......... Number of weeks with a job in month | RMWKWJB | 861-862 |
| LF: .......... Paid job during the reference period | EPDJBTHN | 783-784 |
| LF: .......... Reason couldn't start job | RNOTAKE | 834-835 |
| LF: .......... Social service or welfare provided job help | EJOBSRC | 786-787 |
| LF: .......... Spent time looking for work | ELKWRK | 826-827 |
| LF: .......... Spent time on layoff from a job | ELAYOFF | 829-830 |
| LF: ......... Training paid by social services | EJOBTRN | 789-790 |
| LF: .......... Usual hours worked per week recode in month | RMHRSWK | 869-870 |
| LF: .......... Worked less than 35 hours some weeks | EPTWRK | 820-821 |
| PE: ......... Address ID of hhld where person entered sample | EENTAID | 513-515 |
| PE: ......... Age as of last birthday | TAGE | 575-576 |
| PE: ......... Allocation flag for EBKFSYN | ABKFSYN | 668-668 |
| PE: ......... Allocation flag for EBMNTH | ABMNTH | 525-525 |
| PE: ......... Allocation flag for EHTLNYN | AHTLNYN | 665-665 |
| PE: ......... Allocation flag for EMS | AMS | 582-582 |
| PE: ......... Allocation flag for EORIGIN | AORIGIN | 537-537 |
| PE: ......... Allocation flag for EPNDAD | APNDAD | 597-597 |
| PE: ......... Allocation flag for EPNGUARD | APNGUARD | 602-602 |
| PE: ......... Allocation flag for EPNMOM | APNMOM | 592-592 |
| PE: ......... Allocation flag for EPNSPOUS | APNSPOUS | 587-587 |
| PE: ......... Allocation flag for ERACE | ARACE | 534-534 |
| PE: ......... Allocation flag for ERRP | ARRP | 580-580 |
| PE: ......... Allocation flag for ESEX | ASEX | 532-532 |
| PE: ......... Allocation flag for ETYPDAD | ATYPDAD | 608-608 |
| PE: ......... Allocation flag for ETYPMOM | ATYPMOM | 605-605 |
| PE: ......... Allocation flag for TAGE | AAGE | 577-577 |
| PE: ......... Allocation flag for TBYEAR | ABYEAR | 530-530 |
| PE: ......... Designated parent or guardian flag | RDESGPNT | 609-610 |
| PE: ......... Distributions from pension plans | TPPNDIST | 652-656 |
| PE: ......... Family type | ESFT | 574-574 |
| PE: ......... Federal SSI coverage flag | RCUTYP03 | 674-674 |
| PE: ......... Food Stamp coverage flag | RCUTYP27 | 726-726 |
| PE: ......... Foster Child Care coverage flag | RCUTYP23 | 707-707 |
| PE: ......... General Assistance coverage flag | RCUTYP21 | 698-698 |
| PE: ......... Health Insurance coverage flag | RCUTYP58 | 736-736 |
| PE: ......... Household relationship | ERRP | 578-579 |
| PE: ......... Longitudinal month | LGTMON | 188-2189 |
| PE: ......... Marital status | EMS | 581-581 |
| PE: ......... Medicaid coverage flag | RCUTYP57 | 731-731 |
| PE: ......... Month of birth | EBMNTH | 523-524 |
| PE: ......... Mover flag | TMOVRFLG | ..... 44-45 |


Description Variable Position
SF: .......... Number of own children in related subfamily ESOWNKID ..... 406-407
SF: .......... Number of own children under 18 in related subfamily ESOKLT18 ..... 408-409
SF: .......... Number of persons in this related subfamily ESFNP ..... 390-391
SF: .......... Person number of spouse of related subfam ref person ESFSPSE ..... 396-399
SF: .......... Person number of the related subfamily ref person ESFRFPER ..... 392-395
SF: .......... Poverty threshold for this related subfamily RSFPOV ..... 457-461
SF: .......... Related subfamily distributions from pension plans TSPNDIST ..... 462-468
SF: .......... Related subfamily retirement lump sum payments TSLUMPSM ..... 469-476
SF: .......... Total 'other' related subfamily income for this month TSOTHINC ..... 442-448
SF: .......... Total related subfamily Food Stamps income TSFDSTP ..... 507-512
SF: .......... Total related subfamily Social Security income TSSOCSEC ..... 477-482
SF: .......... Total related subfamily Supplemental Security Income TSSSI ..... 483-488
SF: .......... Total related subfamily Veterans Payments TSVETS ..... 489-494
SF: ........... Total related subfamily earned income for this month TSFEARN ..... 420-426
SF: .......... Total related subfamily income for this month TSTOTINC ..... 449-456
SF: .......... Total related subfamily means-tested cash transfers TSTRNINC ..... 435-441
SF: .......... Total related subfamily property inc for this month TSPRPINC ..... 427-434
SF: .......... Total related subfamily public assistance payments TSAFDC ..... 501-506
SF: .......... Total related subfamily unemployment income recode TSUNEMP ..... 495-500
SF: .......... Type of family (or pseudo-family) ESFTYPE ..... 400-401
SU: ......... Calendar month for this reference month. RHCALMN ..... 26-27
SU: ......... Calendar year for this reference month RHCALYR ..... 28-31
SU: ......... Half Sample Code GHLFSAM ..... 38-38
SU: ......... Hhld Address ID differentiates hhlds in sample unit SHHADID ..... 32-34
SU: ......... Reduction Group Code GRGC ..... 39-41
SU: ......... Reference month of this record SREFMON ..... 25-25
SU: ......... Rotation of data collection SROTATON ..... 24-24
SU: ......... Sample Code - Indicates Panel Year SPANEL ..... 18-21
SU: ......... Sample Unit Identifier SSUID ..... 6-17
SU: .......... Sequence Number of Sample Unit - Primary Sort Key SSUSEQ ..... 1-5
SU: ......... Variance Stratum Code GVARSTR ..... 35-37
SU: ......... Wave of data collection SWAVE ..... 22-23
WW: ....... 'WPFINWGT' for head of family WFFINWGT ..... 284-293
WW: ....... 'WPFINWGT' for head of subfamily WSFINWGT ..... 410-419
WW: ....... Household weight WHFNWGT ..... 63-72
WW: ....... Person weight WPFINWGT ..... 563-572

## ALPHABETICAL VARIABLE LISTING TO 2001 WAVE 2 CORE MICRODATA FILES

## Key to Concept Labels

| AF | Armed Forces Variables |
| :--- | :--- |
| AS | Asset 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 Variables |
| SU | Sample Unit Variables |
| WW | Weighting Variables |

Variable Description Position

| A01AMTA | GI: ............ Allocation flag for T01AMTA . | 1455-1455 |
| :---: | :---: | :---: |
| A01AMTK | GI: ............ Allocation flag for T01AMTK | 1461-1461 |
| A02AMT | GI: ............ Allocation flag for T02AMT | 1467-1467 |
| A03AMTA | GI: ............ Allocation flag for T03AMTA . | 1473-1473 |
| A03AMTK | GI: ............ Allocation flag for T03AMTK | 1479-1479 |
| A04AMT | GI: ............ Allocation flag for T04AMT | 1485-1485 |
| A05AMT | GI: ............ Allocation flag for T05AMT | 1491-1491 |
| A07AMT | GI: ............ Allocation flag for T07AMT | 1497-1497 |
| A08AMT | GI: ............ Allocation flag for T08AMT | 1503-1503 |
| A10AMT | GI: ............ Allocation flag for T10AMT | 1509-1509 |
| A12AMT | GI: ............ Allocation flag for T12AMT | 1515-1515 |
| A13AMT | GI: ............ Allocation flag for T13AMT | 1521-1521 |
| A14AMT | GI: ............ Allocation flag for T14AMT | 1527-1527 |
| A15AMT | GI: ............ Allocation flag for T15AMT | 1533-1533 |
| A20AMT | GI: ............ Allocation flag for T20AMT | 1539-1539 |
| A21AMT | GI: ............ Allocation flag for T21AMT | 1545-1545 |
| A23AMT | GI: ............ Allocation flag for T23AMT | 1551-1551 |
| A24AMT | GI: ............ Allocation flag for T24AMT | 1557-1557 |
| A25AMT | GI: ............ Allocation flag for T25AMT | 1563-1563 |
| A26AMT | GI: ............ Allocation flag for T26AMT | 1569-1569 |
| A27AMT | GI: ............ Allocation flag for T27AMT | 1575-1575 |
| A28AMT | GI: ............ Allocation flag for T28AMT | 1581-1581 |
| A29AMT | GI: ............ Allocation flag for T29AMT | 1587-1587 |
| A30AMT | GI: ............ Allocation flag for T30AMT | 1593-1593 |
| A31AMT | GI: ............ Allocation flag for T31AMT | 1599-1599 |
| A32AMT | GI: ............ Allocation flag for T32AMT | 1605-1605 |
| A34AMT | GI: ............ Allocation flag for T34AMT | 1611-1611 |
| A35AMT | GI: ............ Allocation flag for T35AMT | 1617-1617 |
| A36AMT | GI: ............ Allocation flag for T36AMT | 1623-1623 |
| A37AMT | GI: ............ Allocation flag for T37AMT | 1629-1629 |

## SIPP 2001 WAVE 2 CORE MICRODATA FILES

|  |  |  |
| :---: | :---: | :---: |
|  |  |  |
| A39AMT .................. GI: ............ Allocation flag for T39AMT ................................................................................ 1643-1643 |  |  |
| A42AMT .................. GI: ............ Allocation flag for T42AMT ................................................................................ 1649-1649 |  |  |
| A50AMT |  |  |
| A51AMT |  |  |
| A52AMT .................. GI: ............ Allocation flag for T52AMT ................................................................................ 1667-1667 |  |  |
| A53AMT .................. GI: ............ Allocation flag for T53AMT ................................................................................ 1673-1673 |  |  |
| A55AMT .................. GI: ............ Allocation flag for T55AMT ................................................................................ 1679-1679 |  |  |
| A56AMT .................. GI: ............ Allocation flag for T56AMT ................................................................................ 1685-1685 |  |  |
| A75AMT .................. GI: ............ Allocation flag for T75AMT ................................................................................ 1692-1692 |  |  |
| AABRE .................... LF: ........... Allocation flag for EABRE ..................................................................................... 819-819 |  |  |
| AACCESS ............... HH: .......... Allocation flag for EACCESS .................................................................................... 83-83 |  |  |
| AAFEVER ................ AF: ........... Allocation flag for EAFEVER ................................................................................. 545 - 545 |  |  |
| AAFNOW ................ AF: ........... Allocation flag for EAFNOW ................................................................................. 542-542 |  |  |
| AAFSRVDI .............. AF: .......... Allocation flag for EAFSRVDI ............................................................................ 562-56. 5.4 |  |  |
| AAGE ..................... PE: ........... Allocation flag for TAGE ................................................................................... 57. 5. |  |  |
| AAGESS ................. GI: ............ Allocation flag for TAGESS ............................................................................ 1326-1326 |  |  |
| AALIYN ................... GI: ............ Allocation flag for EALIYN ................................................................................. 1275-1275 |  |  |
| AASETDRW ............ GI: ............ Allocation flag for EASETDRW .......................................................................... 1317-1317 |  |  |
| AAST1A .................. AS: ........... Allocation flag for EAST1A ................................................................................ 1795-1795 |  |  |
| AAST1B ................. AS: ........... Allocation flag for EAST1B ............................................................................. 179. 17.4 - 1798 |  |  |
| AAST1C .................. AS: ........... Allocation flag for EAST1C ............................................................................... 1801-1801 |  |  |
| AAST2A .................. AS: ........... Allocation flag for EAST2A ........................................................................................ 1804-1804 |  |  |
| AAST2B .................. AS: ........... Allocation flag for EAST2B ................................................................................ 1807-1807 |  |  |
| AAST2C .................. AS: ........... Allocation flag for EAST2C ............................................................................... 1810-1810 |  |  |
| AAST2D .................. AS: ........... Allocation flag for EAST2D ............................................................................... 1813-1813 |  |  |
| AAST3A .................. AS: ........... Allocation flag for EAST3A ............................................................................... 1816-1816 |  |  |
| AAST3B .................. AS: ........... Allocation flag for EAST3B ................................................................................ 1819-1819 |  |  |
| AAST3C .................. AS: ........... Allocation flag for EAST3C ............................................................................... 1822-1822 |  |  |
| AAST3D .................. AS: ........... Allocation flag for EAST3D .............................................................................. 1825-1825 |  |  |
| AAST3E .................. AS: ........... Allocation flag for EAST3E ............................................................................... 1828-1828 |  |  |
| AAST4A .................. AS: ........... Allocation flag for EAST4A ................................................................................ 1831-1831 |  |  |
| AAST4B .................. AS: ........... Allocation flag for EAST4B .................................................................................. 1834-1834 |  |  |
| AAST4C .................. AS: ........... Allocation flag for EAST4C .............................................................................. 1837-1837 |  |  |
| AAWOP ................... LF: ........... Allocation flag for EAWOP .................................................................................. 816-816 |  |  |
| ABDJT .................... AS: ........... Allocation flag for EBDJT. .................................................................................. 1993-1993 |  |  |
| ABDJTINT ............... AS: ........... Allocation flag for TBDJTINT ............................................................................. 1999-1999 |  |  |
| ABDOAST ............... AS: ........... Allocation flag for EBDOAST .............................................................................. 2002 - 2002 |  |  |
| ABDOINT ................ AS: ........... Allocation flag for TBDOINT .............................................................................. 2008 - 2008 |  |  |
| ABIZNOW1 ............. BS: ........... Allocation flag for EBIZNOW1 ........................................................................... 1029-1029 |  |  |
| ABIZNOW2 ............. BS: ........... Allocation flag for EBIZNOW2 ........................................................................... 1114-1114 |  |  |
| ABKFSYN ................ PE: ........... Allocation flag for EBKFSYN ................................................................................. 668 - 668 |  |  |
| ABMNTH ................ PE: ........... Allocation flag for EBMNTH .................................................................................. 525-525 |  |  |
| ABMSUM1 ............... BS: ........... Allocation flag for TBMSUM1 ............................................................................. 1090-1090 |  |  |
| ABMSUM2 ............... BS: ........... Allocation flag for TBMSUM2 ............................................................................ 1175-1175 |  |  |
| ABRKFST ................ HH: .......... Allocation flag for EBRKFST ................................................................................. 140-140 |  |  |
| ABSIND1 ................ BS: ........... Allocation flag for TBSIND1 .............................................................................. 1105-1105 |  |  |
| ABSIND2 ................ BS: ........... Allocation flag for TBSIND2 .............................................................................. 1190-1190 |  |  |
| ABSOCC1 ............... BS: ........... Allocation flag for TBSOCC1 ............................................................................. 1109-1109 |  |  |
|  |  |  |
|  |  |  |





## SIPP 2001 WAVE 2 CORE MICRODATA FILES

| Variable | Description | Position |
| :---: | :---: | :---: |
| APTRESN .............. LF: .......... Allocation flag for EPTRESN ................................................................................. 825-825 |  |  |
| APTWRK ................. L | Allocation flag for | 822-822 |
| APUBHSE ............... H | Allocation | 94-94 |
| APYRATE1 ............... J | Allocation | 938-938 |
| PPYRATE2 .............. JB: ........... Allocation flag for TPYRATE2. ........................................................................... 1014-1014 |  |  |
| AR | GI : ............ Allocation flag for E | 1332-1332 |
| AR01K .................... GI: ............ Allocation flag for ER01K .................................................................................. 1335-1335 |  |  |
| R02 ...................... G | GI: ............ Allocation flag for ER02 | -1338-138 |
| AR03A .................... GI: ............ Allocation flag for ER03A .................................................................................. 1341-1341 |  |  |
| AR03K .................... | GI: ............ Allocation flag for ER03K | 344-1344 |
| AR04 ...................... GI: ............ Allocation flag for ER04 .................................................................................... 1347-1347 |  |  |
| AR05 ...................... GI: ............ Allocation flag for ER05 .................................................................................. 1350-1350 |  |  |
| AR07 ...................... GI: ............ Allocation flag for ER07 .................................................................................. 1353-1353 |  |  |
| AR08 ...................... G | GI: ............ Allocation flag for ER08 | 356-1356 |
| AR10 ...................... GI: ............ Allocation flag for ER10 .................................................................................... 1359-1359 |  |  |
| AR12 ....................... GI: ............ Allocation flag for ER12 .................................................................................... 1362-1362 |  |  |
| AR13 ...................... GI: ............ Allocation flag for ER13 .................................................................................. 1365-1365 |  |  |
| R14 ...................... G | GI: ............ Allocation flag for ER14 | 368-1368 |
| AR15 ...................... GI: ............ Allocation flag for ER15 .................................................................................... 1371-1371 |  |  |
| AR20 ...................... GI: ............ Allocation flag for ER20 ................................................................................... 1374-1374 |  |  |
| AR21 ...................... GI: ............ Allocation flag for ER21 .................................................................................... 1377-1377 |  |  |
| AR23 ...................... GI: ............ Allocation flag for ER23 ................................................................................. 1380-1380 |  |  |
| AR24 ...................... GI: ............ Allocation flag for ER24 .................................................................................. 1383-1383 |  |  |
| AR25 ...................... GI: ............ Allocation flag for ER25 ............................................................................... 138. 138 - 1386 |  |  |
| AR26 ..................... GI: ............ Allocation flag for ER26 ................................................................................. 1389-1389 |  |  |
| AR27 ...................... GI: ............ Allocation flag for ER27 ................................................................................... 1392-1392 |  |  |
| AR28 ...................... GI: ............ Allocation flag for ER28 .............................................................................. 1395-1395 |  |  |
| AR29 ..................... GI: ........... Allocation flag for ER29 ............................................................................. 1398-1398 |  |  |
| AR30 ...................... GI: ............ Allocation flag for ER30 .................................................................................... 1401-1401 |  |  |
| AR31 ...................... GI: ............ Allocation flag for ER31 ............................................................................... 1404-1404 - 1404 |  |  |
| AR32 ..................... GI: ............ Allocation flag for ER32 .............................................................................. 1407-1407 |  |  |
| AR34 ...................... GI: ............ Allocation flag for ER34 .................................................................................... 1410-1410 |  |  |
| AR35 ...................... GI: ............ Allocation flag for ER35 .................................................................................... 1413-1413 |  |  |
| AR36 ....................... GI: ............ Allocation flag for ER36 .................................................................................... 1416-1416 |  |  |
| AR37 ...................... GI: ............ Allocation flag for ER37 .................................................................................... 1419-1419 |  |  |
| AR38 ....................... GI: ............ Allocation flag for ER38 .................................................................................... 1422-1422 |  |  |
| AR39 ....................... GI: ............ Allocation flag for ER39 .................................................................................... 1425-1425 |  |  |
| AR42 ...................... GI: ............ Allocation flag for ER42 .................................................................................... 1428-1428 |  |  |
| AR50 ....................... GI: ............ Allocation flag for ER50 .................................................................................... 1431-1431 |  |  |
| AR51 ...................... GI: ............ Allocation flag for ER51 ................................................................................... 1434-1434 |  |  |
| AR52 ...................... GI: ............ Allocation flag for ER52 ................................................................................... 1437 - 1437 |  |  |
| AR53 ...................... GI: ............ Allocation flag for ER53 ................................................................................... 1440-1440 |  |  |
| AR55 ...................... GI: ............ Allocation flag for ER55 ................................................................................... 1443-1443 |  |  |
| AR56 ...................... GI: ............ Allocation flag for ER56 ................................................................................... 1446-1446 |  |  |
| AR75 ...................... GI: ............ Allocation flag for ER75 ................................................................................... 1449-1449 |  |  |
| ARACE ................... PE: ........... Allocation flag for ERACE .................................................................................... 534 - 534 |  |  |
| ARENDB1 ............... BS: ........... Allocation flag for ERENDB1 ............................................................................ 1050-1050 |  |  |
| ARENDB2 .............. BS: ........... Allocation flag for ERENDB2 ........................................................................... 1135-1135 |  |  |
| ARENROLL ............ ED: .......... Allocation flag for RENROLL ................................................................................ 747 - 747 |  |  |
| ARESNSS1 ............ GI: ............ Allocation flag for ERESNSS1 ........................................................................... 1320-1320 |  |  |
| ARESNSS2 ............ GI: ............ Allocation flag for ERESNSS2 .......................................................................... 1323-1323 |  |  |


|  |  |  |
| :---: | :---: | :---: |
| 1 .............. AS: ........... Allocation flag for TRNDUP1 ............................................................................ 1903-1903 |  |  |
| ARNDUP2 .............. AS: ........... Allocation flag for TRNDUP2. ............................................................................ 1911-1911 |  |  |
|  |  |  |
| AROLOVR1 ............ GI: ............ Allocation flag for EROLOVR1 ........................................................................... 1701-1701 |  |  |
| AROLOVR2 ............ GI: ............ Allocation flag for EROLOVR2 .......................................................................... 1704-1704 |  |  |
|  |  |  |
| ARRRSN ................. GI: ............ Allocation flag RRRSN ...................................................................................... 1251-1251 |  |  |
| ARSEND1 ............... JB: ........... Allocation flag for ERSEND1 ................................................................................ 898-898 |  |  |
| ARSEND2 ............... JB: ........... Allocation flag for ERSEND2. ............................................................................... 974-974 |  |  |
| ARSNOWRK ........... LF: .......... Allocation flag for ERSNOWRK ............................................................................ 813-813 |  |  |
| ASANYCHK ............ AS: ........... Allocation flag for ESANYCHK .......................................................................... 2065-2065 |  |  |
| ASBDATE1 ............. BS: ........... Allocation flag for TSBDATE1 ........................................................................... 1038-1038 |  |  |
| ASBDATE2 ............. BS: ........... Allocation flag for TSBDATE2 ........................................................................... 1123-1123 |  |  |
| ASEX ....................... PE: ........... Allocation flag for ESEX ....................................................................................... $532-532$ |  |  |
| ASJADIV ................. AS: ........... Allocation flag for TSJADIV ............................................................................ 2086-2086 |  |  |
| ASJDATE1 .............. JB: ........... Allocation flag for TSJDATE1 ............................................................................... 886-886 |  |  |
| ASJDATE2 .............. JB: ........... Allocation flag for TSJDATE2 ............................................................................... 962-962 |  |  |
| ASJNTDIV ............... AS: ........... Allocation flag for TSJNTDIV ............................................................................. 2071-2071 |  |  |
| ASLRYB1 ............... BS: ........... Allocation flag for ESLRYB1 .......................................................................... 1074-1074 |  |  |
| ASLRYB2 ............... BS: ........... Allocation flag for ESLRYB2 .............................................................................. 1159-1159 |  |  |
| ASOTHDIV .............. AS: ........... Allocation flag for ESOTHDIV ............................................................................ 2080-2080 |  |  |
| ASOWNADV ............ AS: ........... Allocation flag for TSOWNADV .......................................................................... 2092 - 2092 |  |  |
| ASOWNDIV ............. AS: ........... Allocation flag for TSOWNDIV ............................................................................ 2077 - 2077 |  |  |
| ASSCHILD .............. GI: ............ Allocation flag for ESSCHILD ........................................................................... 1215-1215 |  |  |
| ASSICHLD .............. GI: ............ Allocation flag for ESSICHLD ........................................................................... 1218-1218 |  |  |
| ASSISELF ............... GI: ............ Allocation flag for ESSISELF ............................................................................. 1221-1221 |  |  |
| ASSSELF ............... GI: ............ Allocation flag for ESSSELF ............................................................................. 1212-1212 |  |  |
| ASTATRSN ............. GI: ............ Allocation flag for RSTATRSN .......................................................................... 1242-1242 |  |  |
| ASTLEMP1 ............. JB: ........... Allocation flag ESTLEMP1 .................................................................................... 877-877 |  |  |
| ASTLEMP2 ............. JB: ........... Allocation flag ESTLEMP2 .................................................................................... 953-953 |  |  |
| ASTSSI ................... GI: ............ Allocation flag for ESTSSI ................................................................................. 1224-1224 |  |  |
| ASVJT ..................... AS: ........... Allocation flag for ESVJT ................................................................................... 1939-1939 |  |  |
| ASVJTINT ................ AS: ........... Allocation flag for TSVJTINT .............................................................................. 1945-1945 |  |  |
| ASVOAST ................ AS: ........... Allocation flag for ESVOAST. ............................................................................. 1948-1948 |  |  |
| ASVOINT ................. AS: ........... Allocation flag for TSVOINT ............................................................................... 1954-1954 |  |  |
| ATENURE ............... HH: .......... Allocation flag for ETENURE .................................................................................. $91-91$ |  |  |
| ATYPDAD ................ PE: ........... Allocation flag for ETYPDAD ................................................................................ 608-608 |  |  |
| ATYPMOM ............... PE: ........... Allocation flag for ETYPMOM ................................................................................. 605-605 |  |  |
| AUECTYP5 ............. GI: ............ Allocation flag for EUECTYP5 ........................................................................... 1197-1197 |  |  |
| AUECTYP7 ............. GI: ............ Allocation flag for EUECTYP7 ........................................................................... 1200-1200 |  |  |
| AUNION1 ............... JB: ........... Allocation flag for EUNION1 ................................................................................. 921-921 |  |  |
| AUNION2 ................ JB: ........... Allocation flag for EUNION2. ................................................................................ 997-997 |  |  |
| AUNITS .................. HH: .......... Allocation flag for EUNITS ........................................................................................ 86-86 |  |  |
| AUTILYN ................. HH: .......... Allocation flag for EUTILYN .................................................................................. 110-110 |  |  |
| AVAQUES ............... AF: ........... Allocation flag for EVAQUES ................................................................................ $559-559$ |  |  |
| AVAYN .................... AF: ........... Allocation flag for EVAYN ..................................................................................... 553-553 |  |  |
| AVETSRSN ............. GI: ............ Allocation flag for RVETSRSN ........................................................................... 1260-1260 |  |  |
| AVETTYP ................ AF: ........... Allocation flag for EVETTYP ................................................................................. 556-556 |  |  |
| AWCMPRSN ........... GI: ............ Allocation flag for RWCMPRSN ......................................................................... 1227-1227 |  |  |
|  |  |  |
|  |  |  |





|  |  |  |
| :---: | :---: | :---: |
| MOTHDIV ............. AS: ........... Dividends credited against margin accounts .................................................... 2048-2049 |  |  |
|  |  |  |
|  |  |  |
| EMS ....................... PE: ........... Marital status ...................................................................................................... 581 - 581 |  |  |
| ENONHH ................ HI: ............ Covered by plan owned by person outside household ....................................... 2118-2118 |  |  |
| EOCCTIM1 ............. JB: ........... Length of time in this occupation ...................................................................... 911-914 |  |  |
| EOCCTIM2 ............. JB: ........... Length of time in this occupation ...................................................................... 987-990 |  |  |
| C | BS: ............ Receipt of | 75-1076 |
| EOINCB2 ................ BS: ........... Receipt of non-salary income .......................................................................... 1160-1161 |  |  |
| EORIGIN ................. PE: ........... Origin of this person ................................................................................................ 535-536 |  |  |
|  |  |  |
|  |  |  |
| EPARTB11 ............. BS: ........... Person number of partner 1 .............................................................................. 1091-1094 |  |  |
| EPARTB12 ............. BS: ........... Person number of partner 1 ............................................................................. 1176-1179 |  |  |
| B | BS: ............ Person number of pa | 095-1098 |
| EPARTB22 ............. BS: ........... Person number of partner 2 .............................................................................. 1180-1183 |  |  |
| EPARTB31 ............. BS: ........... Person number of partner 3 ................................................................................. 1099-1102 |  |  |
| EPARTB32 B | BS: ............ Person number of partner | 184-1187 |
| EPATYN .................. GI: ............ Receipt of assistance from state/county welfare ................................................ 1285-1286 |  |  |
| EPATYP1 ............... GI: ............ Receipt of Public Assistance (ISS Code 20) ......................................................... 1288-1289 |  |  |
| EPATYP2 | GI: ............ Receipt of General Assistance (ISS Code 21) | 1291-1292 |
| EPATYP3 ............... GI: ............ Receipt of Energy Assistance (ISS Code 19) .................................................... 1294-1295 |  |  |
| EPATYP4 ............... GI: ............ Receipt of Transportation Assistance ............................................................... 1297-1298 |  |  |
|  | GI: ............ Receipt of Child Care Assi | -300-1301 |
| EPATYP6 ................ GI: ............ Receipt of Short-Term Cash (ISS Code 24) ....................................................... 1303-1304 |  |  |
| EPATYP7 ................ GI: ............ Receipt of other state/county welfare (ISS Code 24) .......................................... 1306-1307 |  |  |
| EPAYHR1 ............... JB: ........... Paid by the hour .................................................................................................. 931-932 |  |  |
| EPAYHR2 ............... JB: ........... Paid by the hour ............................................................................................... 1007-1008 |  |  |
| EPDJBTHN ............ LF: .......... Paid job during the reference period .................................................................... $783-784$ |  |  |
| EPNDAD ................ PE: ........... Person number of father ..................................................................................... 593-596 |  |  |
| EPNGUARD ........... PE: ........... Person number of guardian ................................................................................. 598-601 |  |  |
| EPNMOM ................ PE: ........... Person number of mother .................................................................................... 588-591 |  |  |
| EPNSPOUS ........... PE: ........... Person number of spouse ................................................................................... 583-586 |  |  |
| EPOPSTAT ............. PE: ........... Population status based on age in 4th reference month ....................................... 522-522 |  |  |
| EPPFLAG ............... LF: .......... Flag denoting imputation of person labor force data ............................................. 794-795 |  |  |
| EPPINTVW ............. PE: ........... Person's interview status .................................................................................... 520-521 |  |  |
| EPPPNUM .............. PE: ........... Person number ................................................................................................... 516-519 |  |  |
| EPROPB1 ............... BS: ........... Type of proprietorship ...................................................................................... 1066-1067 |  |  |
| EPROPB2 ............... BS: ........... Type of proprietorship ...................................................................................... 1151-1152 |  |  |
| EPSSTHRU ............ GI: ............ Receipt of child support as bonus/passthru ...................................................... 1279-1280 |  |  |
| EPTRESN .............. LF: .......... Main reason for working less than 35 hours ......................................................... 823-824 |  |  |
| EPTWRK ................ LF: ........... Worked less than 35 hours some weeks ............................................................. $820-821$ |  |  |
| EPUBHSE .............. HH: .......... Residence in public housing project ........................................................................ 92 - 93 |  |  |
| ER01A .................... GI: ............ Receipt of Social Security - Adult (ISS Code 1) ................................................... 1330-1331 |  |  |
| ER01K .................... GI: ............ Receipt of Social Security - Child (ISS Code 1) .................................................. 1333-1334 |  |  |
| ER02 ..................... GI: ............ Receipt of Railroad Retirement (ISS Code 2) .................................................... 1336-1337 |  |  |
| ER03A .................... GI: ............ Receipt of Federal SSI - Adult (ISS Code 3) ....................................................... 1339-1340 |  |  |
| ER03K .................... GI: ............ Receipt of Federal SSI - Child (ISS Code 3) ....................................................... 1342-1343 |  |  |
| ER04 ...................... GI: ............ Receipt of State SSI (ISS Code 4) ..................................................................... 1345-1346 |  |  |
| ER05 ...................... GI: ............ Receipt of State Unemployment Comp. (ISS Code 5) ........................................ 1348-1349 |  |  |
| ER07 ...................... GI: ............ Receipt of Other Unemployment Comp. (ISS Code 7) ........................................ 1351-1352 |  |  |










## 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
V
V -1 .Not in universe
V 1 .Waiting for a new job to
            .begin
        2..Own temporary illness
        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 A11 persons }15\mathrm{ to }69\mathrm{ who receive
    disability income and/or persons 15+ at
    the end of the reference period who
    receive retirement income and/or
    survivor benefits.
V -1 .Not in universe
V 1 .Disability
V 2 .Retirement
V 3.Survior
V 4 .Disability and retirement
V 5 .Disability and survivor
V 6
V 7 .Disability, retirement, and
        7.Disability, retirement, and
    8 .No payment received
```


## SURVEY OF INCOME AND PROGRAM PARTICIPATION, 2001 PANEL WAVES 1 thru 9 CORE DATA DICTIONARY












D RPRGQUES $1 \quad 149$
HH: F ag indicating transfer of program
Government programparticipation questions
free and reduced price unch and breakfast
programs, government rent subsidies and
energy assistance are asked in interviewed
households. This information is
who have moved sometime during the
reference period but whose household
composition has not changed. Universe=Al
0 . Residence this month not in sample at intrvw - no data -transferred
ad. this mo. was intrved adrogram data
2. Res. this mo. in sample but nonintrvw - no program data COll
. Res. this mo. not in sample at Rntroprogram data

D THEARN 7150
Reaggregated total household earned income
for relevant month of the reference period
after topcoding Universe=all persons
. Doll ar amount
HPRPINC 8 157
Reaggregated total household property
income for relevant month of the reference period after topcoding. Universe=All

- 1500000:1500000. Dollar amount

THTRNINC 765
HH: Total household means-tested cash
Reaggregated total household means-tested he reference per od after topcoding Universe=Al persons
V 0:1500000. Dollar amount
D THOTHINC 7172
T HH: Total 'other' household income
income for relevant month of the reference period after topcoding. Universe=Al
persons
1500000
. Dollar amount
THTOTINC 8179
Reaggregated tot al household income for
relevant month of the reference period
after topcoding. Universe=All persons
V-1500000:1500000. Dollar amount
HH: Household noncash benefits receipt flag
Household noncash benefits receipt flag Do

DATA
SIZE BEGIN
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 assistance, free or reduced-price unches free or reduced-price breakfasts? Universe $\underset{2}{ }=$ No
V
1 Yes
RHCBRF 2189
THH: Household cash benefits receipt flag
Household cash benefits receipt flag Did someone in household receive means-tested cash benefits? Universe=All persons
V
D RHMTRF 2191
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? Universe=All persons
V
D RHPOV 5193
T HH: Poverty threshold for this household in this month

Universe=Al| persons
V 1:5000. Dollar amount
D THPNDIST 7 198
T HH: Distributions from pension plans
Reaggregated total household distributions
from I RA's, KEOGH, and 401 k pension plans
for relevant month of the reference period
after topcoding amounts (ISScode = 42)
Universeall persons
$\checkmark \quad 0: 1500000$. Dollar amount
D THLUMPSM 8 205
T HH: Retirement I ump sum payments
Reaggregated tot al household Iump sum payments from retirement plans for
payments from retirement plans for
after topcoding amounts (ISSCodes = 39 ,
52) Universe=All persons

V 0:15000000. Dollar amount
D THNONCSH 6
T HH: Total Household Noncash Income Recode Aggregated total Noncash Household Income for this month in dollars. Includes
Dollar values for Food Stamps, WIC, and EnergyAssistance (|SS codes $=25,27$ and EEGYAMT) Universe=Al persons
V $0: 150000$. Dollar amount
D THSOCSEC 6219
T HH: Tot al Household Social Security Income Recode

Aggregated total household Social Security
for this month in dollars. Includes
Social Security Income received for
children (ISS code = 1) Universe=Al।
persons
V $\quad 0: 150000$. Dollar amount
D THSSI ${ }^{6}$ HH: Total Househol 225 Supplemental Security Income Recode

Aggregated total household Supplemental
Security Income for this month. (ISS code
$=3$ or 4) Universe=All persons
V $0: 150000$. Doll ar amount
D THUNEMP 6231
T HH: Total Household Unemployment Income Recode Aggregated tot hous ehol d unemployment
income for this month. (ISS codes $=5,7$ )
Universe=All persons
V $\quad 0: 150000$. Dollar amount
D THVETS 6237

|  | PP 2001 WAVES 1 thru 9 CORE SIZE BEGIN |
| :---: | :---: |
|  | Total Household Veterans Payments Recode Aggregated total household veterans payments for this month. (ISS code = 8) Universeal persons <br> 0:150000. Dollar amount |
|  | THAFDC 6243 <br> HH: Total household public assistance payment Aggregated total household income from public assistance payments such as AFDC or TANF for this month (iss code $=20$ ). <br> Universe=Al persons <br> $0: 150000$. Dollar amount |
|  | THFDSTP ${ }^{6}$ HH: Total Household ${ }^{249}$ Food Stamps Received Recode <br> Aggregated total household income received from Food Stamps. (ISS code =27) <br> Universe=Al persons <br> 0:150000. Dollar amount |
|  | FID 255 <br> A: 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 ld in this field. <br> Universe=All persons <br> 1:120. Family ID number |
|  | RFI D2 <br> FA: Family ${ }^{3}$ D excluding related subfamily members <br> Family ID number excluding members of related subfamilies. This ID is used for all persons except related subfamily members. universe=Al persons except those in related subfamilies (excludes persons with ESFTYPE = 2) |
|  | 1:120. Fami y 1 , Not D number |
|  | ```FFNP pseudo family Universe=All persons 1:30. Persons in family``` |
|  | EFREFPER 4 $\quad 4 \begin{gathered}263 \\ \text { FA: Person number of the family reference }\end{gathered}$ person Person number of the family reference person. Person number is unique within sample unit. Universe=All persons |
|  | 101:999. Person number of family referenc |
|  | EFSPOUSE $\begin{gathered}4 \\ \text { FA: Person number of } 267 \\ \text { spouse of family }\end{gathered}$ reference person <br> Person number of the spouse of the family reference person. Person number is unique within sample unit. Universe=All persons |
|  | 101:999. Person number of spouse of family |
|  | 9999 . Persons with EFKIND=2 or 3 |
|  | EFTYPE $\quad 2 \quad 271$ FA: Type of famil (or pseudo-family) |
|  | 1. Primary family (including those <br> with related subfamilies) <br> 3 . Unrelated Subfamily <br> 4 . Primary Individual <br> 5 . Secondary Individual |
|  | ```RFCHANGE Change in family composition from previous month Universe=All persons Change occurred No change occurred``` |



```
DATA SIZE BEGIN
D TFPNDIST 7 7 336
T FA: Family distributions from pension plans
    Reaggregated total family distributions
    fromIRA's, KEOGH, and 401k pension plans
    for the reference month after topcoding
    amounts. (lsscode= = 42) Universe=Al|
    persons
v 0:1500000. Dollar amount
D TFLUMPSM 8 343
T FA: Family retirement Iump sum payments
    Reaggregated total family lump sum
    payments from retirement plans for the
    reference month after topcoding amounts
    (1SS codes 39, 52) Universe=All persons
v 0:15000000. Dollar amount
D TFSOCSEC 6 351
T FA: Total Family Socia! Security Income Recode
    Aggregated total primary family social
    Security for this month i n dollars.
    Includes Social security income received
    for children (ISS code=1) Universe=All
    persons. Dollar amount
DTFSSI % 6 357
D TFSSI
    Recode
    Aggregated total primary family
        Supplemental security Income for this
        month. (ISS code = 3 or 4) Universe=Al|
        persons
V 0:150000.Dollar amount
D TFUNEMP 6 % 363
T FA: Total Family Unemployment Income Recode
    Aggregated total primary family
        unemployment income for this month. (ISS
    codes = S.Ol aniverse=All persons
D TFVETS © 6 369
T FA: Total Family Veterans Payments Recode
        Aggregated total primary fami y veterans
        payments for this month. (ISS code= 8)
v 0:150000. Dollar amount
D TFAFDC % 6 375
T FA: Total Family public assistance payments
    Aggregated total primary family income
    from public assistance payments such as
    AFDC or TANF for this month(ISS code=
    AFDC OH TANF for this mon
v O:150000.Dollar amount
D TFFDSTP }\mp@subsup{}{~}{6
T FA: Total Family Food Stamps Received Recode
        Aggregated total primary family food
        stamps received for this month. (lSS code
        =27) Universe=All persons
V O:150000'.Dollar amount
D RSID 3 387
FA: Re!ated 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 IDis zerofor all persons not in a
        subfamily. Universe=Al 唯sons in a
        rer ated or unn
V 1:120.Fami|y ID number
V -1.Not in universe
D ESFNP 2 }39
T SF: Number of persons in this related
    subfamily
        Universe=All persons in the subfamily for
        this month ESFTYPE=2
V 2:30.Number offpersons in this related
D ESFRFPER 4 392
```

dATA
SIZE BEGIN
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. Universe=All persons in related subfamily inthis month ESFTYPE=2
V 101:999. Person number of related
. Subfamily reference person

- 1. Not in universe

ESFSPSE 496
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. Universe=All persons in related subfamily in this month ESFTYPE = 2
101:999. Person number of spouse of -related subfamily reference person
9999: No spouse in subfamily

- 1 . Not in universe

ESFTYPE 2400
SF: Type of family (or pseudo-family)
Universe=All persons in related subfamily
in this month EFTYPE $=2$
$\begin{array}{lll}V & \text { 2. Related Subfamily } \\ V & -1 . & \text { Not in universe }\end{array}$
ESFKIND 2402
T SF: Kind of family (or pseudo-family)
Universeallipersons in related
subfamilies inthis month ESFTYPE $=2$

1. Headed by Husband/ Wife

Male Headed
Female Headed
-1.Not in universe
RSCHANGE 2404
T SF: Change in related subfam composition from previous month

Universeall persons in related
subfamilies in this month ESFTYPE $=2$
$\begin{array}{ll}V & 1 \\ V & \text { 2. Change occurcd } \\ V & 0 \text { Nochangeoccurred } \\ V & 0\end{array}$
D ESOWNKID 2406
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. Universe=All persons in related
subfamilies in this month ESFTYPE = 2
V
V
V
$1: 30$. Number of children

- 1 . Not in universe

D ESOKLT18 2408
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
variableplacedoneach person inthe
subfamily. Universeal
and
subfamily Universe=A personsingreat
$\begin{array}{ll}V & 0 \\ V & \text {. No children } \\ V & \text {. Number of children }\end{array}$
WSF F NWGT 10, 410
T WW: 'WPFINWGT' for head of subfamily
Weight of related subfamily reference
person. Four implied decimal places.
Universe=All persons in related
V 0.0000: 999999.9999 . Weight of related subfamily


this month

## SIPP 2001 WAVES 1 thru 9 CORE



DATA
VIZE BEGIN
V
$V$
$V$
$V$
$V$
$V$
$V$
V






```
dATA
V V
            SIZE BEGIN
            10. Ob change: other
            11:Lived at this address before
                sample person{s} entered
            12.Other
D TPEARN 7 615
PE: Total person's earned income for the
    reference month
            Reaggregated total person's earned income
            for the reference month after topcoding.
            Universe=All persons 15 + at the end of
            the reference period. EPOPSTAT = 1
v or None or not in universe
V 1:1500000 Amount in dollars
D TPPRPINC 8 622
T PE: Total property (asset) income for the
    month
            Reaggregated total property (asset) income
            for the month after topcoding.
            Universe=All persons 15tatt the end of the
            reference period. EPOPSTAT =1
v None or not in universe
V -1500000:1500000. Amount in dollars
D TPTRNINC 7 630
PE: Total means-tested cash transfer for the
    reference month
            Reaggregated total means-tested cash
            transfer for the reference month after
            topcoding. Universe=All persons 15+ at the
            end of the reference period. EPOPSTAT = 1
v 1.1500000.Nome or not in universe
V 1:1500000.Amount in dollars
D TPOTHINC 7 637
T PE: Total person's other income for the
    reference month
            Reaggregated total person's other income
            for the reference monthafter topcoding.
            Un`verseall persons 15tatt the end of the
            reference period. EPOPSTAT = 1
v 1.150000.None or not in universe
V 1:1500000.Amount in dollars
D TPTOTINC 8 644
PE: Total person's income for the reference
    month
            Reaggregated total person's income for the
            reference month after topcoding
            Universe=All persons 15+ at the end of the
            reference period. EPOPSTAT = 1
v None or not in universe
V -1500000:1500000. Amount in dollars
D TPPNDIST 5 652
T PE: Distributions from pension plans
    Reaggregated total person's distributions
    fromlRA's, KEOGH, and 401k pension plans
    for the reference' month after topcoding.
    Universe=All persons 15tat the end of the
    Universe=Al persons is+ at th
V 1:13625. Noneunt in not in muniverse
D TPLUMPSM 6 657
T PE: Retirement I ump sum payments
    Reaggregated total person''s I ump sum
    payments fromretirement plans for the
    reference month after topcoding.
    Universe=All persons 15t at the end of the
    reference period. EPOPSTAT = 1
v None or not in universe
EHTLNYN 2 663
T PE: Receipt of school Iunch
    Did...get a hot lunch at school?
    Universe=Children ages 5:18 residing in
    households where some children had lunch
    offered at school. (EHOTLUNC = 1)
V V
D AHTLNYN PE:Allocation flag for EHTLNYN
```

DATA
SIZE BEGIN
Allocation flag for receipt of school
Iunch.
$V$
$V$
$V$
$V$
$V$
. Not imputed
Statistical imputation (hot deck)
- Statistical imputation
. Coogical imputation (derivation)
- Statisal imputation (carivation)
using previous wave data
$\begin{array}{ll}\text { EBKFSYN } & 2 \\ \text { PE: Receipt of breakfast under fed Schoo }\end{array}$
Breakfast Prog.
Did.
the Federal $\operatorname{school}$ Breakfast Program?
the Federal School Breakfast Program?
Universe =Children ages 5-18
V
$V$
$V$





## SIPP 2001 WAVES 1 thru 9 CORE








DATA
SIZE BEGIN
D EMOONLIT SI
T LF: Income fromadditional work
Did ... receive any income from work in addition to main job(s)? Universe=Al। persons $15+$ at the end of the reference period who worked at one job or one
business or more than two jobs or two
businesses during the reference period but were not contingent workers. ECFLAG not equal to 1 and ( ELOBCNTR $=1$ and EBUSCNTR 2 or EBUSCNTR > 2) )


AMOONLIT 1838
T LF: Allocation flag for EMOONLIT.
Fiag indicating whether the value for
EMOONLIT was allocated.
0 . Not i mputed
1 . St atistical
$\frac{1}{2}$. Statistical imputation(hot deck) 3. Logical imputation (derivation . Statisticap or logical imputation using previous wave data

TMLMSUM 5839
T LF: Amount of income from moonlighting in
this month
Amount of income from this work
(moonlighting) in the month. Universe=Al।
persons $15+$ at end of reference period who
received income from work in addition to
main iob(s) during the reference period.
EPOPSTAT $=1$ and EMOONLIT $=1$
1:50000. Dollars
D AMLMSUM $1 \quad 844$
Allocation flag for amount of moonlighting income in this month.
0. Not imputed . Statistical imputation(hot deck) 2. Cold deck mputation
3. Logical imputation(derivation)

- Statistical or logical imputation

D EBFLAG 2845
T LF: Flag, indicating before' worker
Flag indicating that the person had a job
in the reference period but they did not provide sufficient information about the
dates they had the job. Universe=all
persons $15+$ at the end of the reference period who met the "before worker"
conditions.
$V \quad-1$. Not in universe or not applicable
D ECFLAG 2847
T LF: Flag indicating other-work-arrangement worker

Flag indicating that the person worked at least one week in the reference period at an other-work-arrangement job (contingent worker). Universe=All persons $15+$ at the
end of the reference period who met the "other-work-arrangement" conditions. - Not in universe

RMESR Employment status recode for month
Universe=All persons $15+$ at end of the reference period. EPOPSTAT =1

1. With a job entire month, worked . al I weeks.
2. With a job all month, absent from work without pay $1+$ weeks,
3. With jobalal month, absent from work wit hout pay $1+$ weeks. absence due to ayoff
4. With a job at least 1 but not all weeks, no time on layoff






| DATA | SİZE BEGIN | DATA |
| :---: | :---: | :---: |
| V | 0 . Not imputed | V |
| V | 1. Statistical imputation(hot deck) | V |
| V | 2 . Cold deck imputation | V |
| V | 4. Statisticalor or iogical imputation | V |
| V | . using previous wave data | V |
| D EPAYHR1 2931 |  |  |
|  | B: Paid by the hour | V |
|  | Is ${ }^{\text {che }}$ paid by the hour? Universeall | V |
|  | persons 15tat the end of thereference | V |
|  | perlod who had ajob urring the reference | V |
|  | business. EPOPSTAT = 1 andEPDJ BTHN $=1$ and | V |
|  | ( E) OBCNTR > 0 or ECFLAG = 1) and ECLWRK1 | V |
|  | not equal to | V |
|  | -1.Not in universe | V |
|  | $\frac{1}{2}$. Yes | V |
|  | 2 . No | V |
| D APAYHR1 1 933 933 |  |  |
| $\text { T j } \mathrm{B} \text { ? }$ | B: Allocation flag for EPAYHR1 | V |
|  | Allocation flag for paid by the hour. | V |
|  | 0 . Not imputed | V |
|  | 1. Statistical imputation(hot deck) | V |
|  | 2. Cold deck imputation | V |
|  | 3. Logical imputation(derivation) | V |
|  | 4. Statistica or mogical imputation | V |
| D TPYRATE1 4934 |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
| Universe=All persons $15+$ at thee end of |  |  |
|  |  |  |
| reference period, were not unpaid in a V |  |  |
|  |  |  |
|  |  |  |
| V O . Not in universe or none |  |  |
|  |  |  |
| V 0.01:29.00. Dollars and cents (two implied |  |  |
|  |  |  |
| D APYRATE1 1938 |  |  |
| T JB: Allocation flag for TPYRATE1 <br> Allocation flag for amount of hourly pay |  |  |
|  |  |  |
| $V{ }^{\text {V }}$, Not imputed V |  |  |
|  |  |  |
|  | 1. Statistical imputation(hot deck) | V |
| $V \quad 2$. cold deck imputation |  |  |
| 3. Logical imputation(derivation) |  |  |
| $V \quad$.using previous wave data |  |  |
|  |  |  |
| T JB: Frequency of payment at job How often was paid at his job? |  |  |
|  |  |  |
|  |  |  |
| reference period who had a job during the |  |  |
| referenceperiod. EPOPSTAT = 1 and |  |  |
|  | EPDJ BTHN = 1 and (E)OBCNTR > 0 or ECFLAG $=$ | V |
| Once a week |  |  |
|  | 2. Once every two weeks | V |
| V | 3. Once a month | $v$ |
| V | 4 . Twice a month | V |
|  | 5 . Unpaid in a family business or | V |
|  | - farm | V |
| V | 6 . On commission | V |
| V | 7 . Some other way | V |
|  | 8 . Not reported | V |
|  | -1. Not in universe | $v$ |
| D E\|BIND1 3941 |  |  |
|  |  |  |
| T JB: Undustry code |  |  |
|  |  |  |
|  |  |  |
|  | EPDJBTHN $=1$ and (E)OBCNTR > 0 or ECFLAG = | V |
|  | 10. Agricultural production, crops | V |
|  | 10. (01) | V |
|  | 11 . Agricultural Production, | V |
| V | - Ivestock (02) | V |
| V | 12. Veterinary services (074) | V |
| V | 20. Landscape and horticultural | V |

SIZE BEGIN
services (078)
Agricultural services, n.e.c. Agricultural service
$(071,072,075,076)$
Forestry (08)
Fishing, hunting, and trapping 09)

Metal mining (10)
Coal mining (12)
Oil and gas extraction (13)
Nonmetal ic mi ning and quarrying,
except fuel (14)
Construction (15,16,17)
Meat products (201)
Dairyproducts (202)
Canned, frozen and preserved
fruits and vegetables (203)
Grain mill products (204)
Bakery products (205)
Sugar and confectionery products (206)

Beverage industries (208)
Miscell aneous food preparations
and kindred products (207,
$209)$
Not specified food industries
Tobacco manufactures (21)
Knitting mills (225)
Dyeing and finishing textiles,
except wool and knit goods ( 226 )
Yarn, thread, and (227) fabric mills
(221.224, 228)

Miscellaneous textile mill
products (229)
Apparel and accessories, except
knit (231-238)
Miscellaneous fabricated textile
products (239)
ulp, paper, and paperboard mills
261-263)
Miscellaneous paper and pulp products (267)
Paperboard containers and boxes
Newspaper publishing and printing
( 271 ) industries, except
newspapers 272.279
newspapers (272-279)
Plastics, synthetics, and resins Drugs
Drugs (283)
Soaps and cosmetics (284)
Paints, varnishes, and related products (285)
Agricultural chemicals (287)
Industrial and miscellaneous
chemicals (281, 286,289$)$
Petroleum refining (291)
Miscellaneous petrol eum and coal
products (295, 299)
Tires and inner tubes (301)
Other rubber products, and
plastics footwear and
belting (302-306)
Miscellaneous plastics products
(308)
(3ather tanning and finishin
$(311)$
Footwear, except rubber and
plastic (313, 314)
Ceather products, except footwear (315-317, 319)
Logging (241)
Sawmills, planing mills, and
mill work' (242, 243)
Wood building's and mobile homes (245)

Mi scellaneous wood products (244,
2491
Furniture and fixtures (25)
Glass and glass products (321-323)
Cement, concrete, gypsum, and
plaster products' (324, 327 )
261 . Pottery and related products (326)

| data |  | SIE BEGIN | data |  | SIZE BEGIN |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V | 262 | Miscellaneous nonmetallic mineral | V | 441 | Telephone communications (481) |
| V |  | . and stone products (328, | V | 442 | Telegraph and miscellaneous |
| V |  | . 3291 | V |  | communications services |
| V | 270 | Blast furnaces, steel works, | v |  | ( $4822 \mathrm{c}^{489}$ ) ight and power (491) |
| V |  |  | V | 451 | Electrid cight and power |
| V | 271 | Iron and steel foundries (332) | $v$ |  | (492,496) |
| V | 272 | Primary aluminumindustries | V | 452 | Electric and gas and other |
| V |  | 3363, 35art 334, 3353 -3355, | v | 470 | Water supply and irrigation (494, |
| V | 280 | Other primary metal industries | V |  | 497) |
| V |  | - 3331,3339, part 334, 3351, | V | 471 | Sanitary services (495) |
| V |  | - $3356507,3364,3366,3369$, | V | 472 | Not specified utilities |
| V | 281 | Cut lery, handtools, and general | v | 501 | Furniture and home furnishings |
| V |  | hardware (342) | v |  | (502) |
| V | 282 | Fabricated structural metal | $v$ | 502 | Lumber and construction materials |
| V |  | products (344) | v |  | (503) |
| V | 290 | Screw machine products (345) | V | 510 | Professional and commercial |
| V | 291 292 | Metal forgings and stampings (346) | V | 511 | equipment and supplies ( 504 ) |
| V | 300 | Misc fabricated metal products | v |  | petroleum ( 505 ) |
| V |  | (341, 343, 347, 349) . | V | 512 | Electrical goods (506) |
| V | 301 | Not specified metal industries | V | 521 | Hardware, prumbing and heating |
| V | 310 | Engines and turbines Farm machinery and equipment (352) | V | 530 | Maphinery equipment, and |
| V | 312 | Construction and material | V | 530 | supplies ( 508 ) |
| V |  | handling machines ( 353 ) | V | 531 | Scrap and waste materials (5093) |
| V | 320 | Metal working machinery (354) | V | 532 | Miscellaneous wholesale, durable |
| V |  | Office and accounting machines | v | 540 | goods (509 except 5093) |
| V | 322 | Computers and related equipment | v | 541 | Drugs, chemicals and allied |
| V |  | (3571.3577) | v |  | products (512, 516 ) |
| V | 331 | Machinery except electrical. | V | 542 | Apparel, fabrics, and notions |
| V | 332 | Not specified machinery | V | 550 | Groceries and related products |
| V | 340 | Housenold appliances (363) | V |  | (514) |
| V | 341 | Radio, TV, and communication | V | 551 | Farm-product raw materials (515) |
| V | 342 | . Electrical machinery, equipment, | V | 560 | Petrooum products |
| V |  | and supplies, n.e.c. (361, | V | 561 | Farmsupplies (519) |
| V |  | 362, 364, 367, 369) | V | 562 | Misc wholesale, nondurable goods |
| V | 350 | Not specified electrical | V |  | (5192-5199) |
| V |  | - machinery, equipment, and | v | 571 | Not specified wholesale trade |
| V | 351 | - Supplies Mor | V | 580 | Lumber and building material |
|  | 351 | Motor venicless and motor vehicle | v |  | Hardwarestores (525) |
| V | 352 | Aircraft and parts (372) | V | 582 | Stores, retail nurseries and |
| V | 360 | Ship and boat building and | V |  | garden (526) |
| V |  | repairing (373) | V | 590 | Mobile home dealers (527) |
| V | 361 | Ral equipment ( 374 ) | V | 592 |  |
| V | 362 | Guided missiles, space vehicles, | v | 600 | stores, misc general merchandise |
| V |  | and parts (376) | V |  | (539) |
| V | 370 | - Cycles and miscellaneous | V | 601 | Grocery stores (541) |
| V |  | -transportation equipment | V | 602 | Stores, dairy products (545) |
| V | 371 | - Scientific and controlling | v | 611 | Food stores, n.e.c. (542, 543, |
| V | 371 | - instruments ( 381,382 ) | V |  | $\begin{aligned} & 540 \text { d, sto } \\ & 544, \end{aligned}$ |
| V |  | except 3827) | v | 612 | Motor vehicle dealers (551,552) |
| V | 372 | - Medical, dental, and optical | V | 620 | Stores, auto and home supply (553) |
| V |  | -instruments and supplies | v | 621 | Gasoline service stations (554) |
| V | 380 | Photographic equipment and | V | 622 | Miscelianeous vehicle deale |
| V |  | supplies (386) | V | 623 | Stores, apparel and accessory, |
| V | 381 | Watches, clocks, and clockwork | V |  | except shoe (56, except 566) |
| V |  | - operated devices (387) | $v$ | 630 | Shoe stores (566) |
| V | 390 | - Toys amusement, and sporting | V |  | Stores furniture and home |
| V | 391 | - Miscellaneous manufacturing | v |  | Stores, household appliance (572) |
| V |  | - industries ( 39 except 394) | v | 633 | Stores, radio, TV, and computer |
| V | 392 | Not spec manufacturing industries | V |  | (5731, 5734) |
| V | 400 |  | V |  | Music storess (5735, 5736) |
| V |  | (41, except 412) | V | 642 | Drug stores (591) |
| V | 402 | Taxicabservice (412) | V | 650 | Liquor stores (592) |
| v | 410 | Trucking service (421, 423) | v | 651 | Stores sporting goods, bicycles, |
| V | 412 | U.S. Postar Service (43) | V | 652 | and hores, book and stationery |
| V | 420 | Water transportation (44) | v | 65 | (5942, 5943 ) ${ }^{\text {a }}$ |
| V | 421 | Air transportation (45) | v | 660 | Jewel'ry stores (5944) |
| V | 422 | Pipe lines, except natural gas | V | 661 | Gift novelty, and souvenir shops |
| V | 432 | Services incidental to | V | 662 | sewing, needlework and piece |
| V |  | transportation (47) | $v$ |  | . goods stores (5949) |
| V | 440 | Radio and television broadcasting | v | 663 | Catalog and mail order houses |
| V |  | and cable (483, 484) | V |  | (5961) |


 $\ggg>$
$\lll \ll$
29. Buyers wholesale and retail
trade except farm products
(1442)
purch agents and buyers, n.e.c.
(1449)
34 . Business and promotion agents (145)
35. Construction inspectors (1472)
nspectors and compliance
officers, except
construction (1473)
37 . Management related occupations, Archictects (161)
43 . Architects Aerospace engineers (1622)
45 . Metal urgical and materials
. Mininets engineers (1624)
47 . Petroleum engineers (1625)
48. Chemical engineers (1626)
49. Nuclear engineers (1627)
5 . Civil engineers (1628)

- Agricultural engineers (1632)
. Engineers, electrical and
electronic (1633, 1636)
56 . Engineers, industrial (1634)
- Engineers, mechanical 1635 (1637)
Marine and naval architects (1637)
Engineers, n.e.c. (1639)
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 ) . 2 mists, except biochemists
(1845)
. At mospheric and space scientists
- (1846)
Geologists and geodesists (1847)
Physical scientists, n.e.c. (1849)
- Agricultural and food scientists
(1853)

8. Biological and life scientists (1854)
. Forestry and conservation
scientists (1852)
9. Medical scientists (1855)
. Physicians (2661)
Dentists (262)
Optometrists (281)
Podiatrists (283)
. Health diagnosing practitioners,
n.e.c. 289 )
Registered nurses (29)
Pharmacists (301)
Dietitians (302)
Respiratory therapists (3031)
occupa
Physical therapists (3033)
Speech therapists (3034)
Therapists, n.e co (3039)
Physicians' assistants (304)
Earth, environmental, and marine
science teachers (2212)
114
Biological science teachers (2213)
Chemistry teachers (2214)
116 . Physics teachers (2215)
117 . Natural science teachers, n.e.c. (2216)
118 . Psychology teachers (2217)
10. Economics teachers (2218)

SIZE BEGIN

123

Soci al workers 2032
Recreation workers (2033)
Clergy (2042)
Religious workers, n.e.c. (2049)
Lawyers and udges (211, 212)
Authors (321)
Technical writers (398)
Designers (322)
Designers (322)
Musicians and composers (323)
Actors and directors (324)
Painters, sculptors.
craft-artists, and artist
print makers (325)
History teachers (2222)
Political science teachers (2223)
Sociology teachers (2224)
socia science teachers, n.e.c.
2251
Magineering teachers (2226)
Math. science teachers (2227)
Computer science teachers (2228)
Health specialties teachers (2232)
Business, commerce, and marketing
teachers (2233)
Agriculture and forestry teachers (2234)

223 drama, and music teachers
Physical education teachers (2236)
Education teachers (2237)
English teachers (2238)
Foreign language teachers (2242)
Law teachers (2243)
Social work teachers (2244)
Trade and industrial teachers
(2246)

Home economics teachers (2247)
Teachers, postsecondary, n.e.c.
(2249)

Postsecondary teachers, subject
Teachers, prekindergarten and
kindergarten (231)
Teachers, elementary school (232)

| Teachers, | secondary school |
| :--- | :--- |
| Teachers, | special education |

Teachers, n.e.c. (236, 239 )
counselors, educational and
Vocational 24 )
Archivists and curators (252)
Economists (1912)
Psychologists (1915)
Sociologists (1916)
Social scientists, n.e.c. (1913,
1914, 1919)
photographers (326)
Dancers (327)
Artists, performers, and related

| workers, n.e. c. |
| :--- |
| Editors and 328,329$)$ |

Editors' and reporters (331)
Public relations specialists (332)
Announcers (333)
Athletes (34)
and technici ans ary technologists and technicians (362)
Dental hygienists (363)
Heal threcord technologists and
technicians (364)
Radiologic technicians (365)
Licensed practical nurses (366)
Health technologists and
technicians, n.e.c. (369)
Electrical and electronic
technicians (3711)
ndustrial engineering technicians (3712)
Mechanical engineering
technicians (3713)
Engineering technicians, n.e.c. (3719)

Drafting occupations (372)
Surveying and mapping technicians
$(373)$

DATA

SIZE BEGIN
405 Housekeepers and butiers 505
406 . Child care workers, private
household (506)
. Payroll and timekeeping clerks (4713)

Billing clerks (4715)
Cost and rate clerks (4716)
Billing, posting, and calculating
machine operators (4718)
Duplicating machine operators (4722)

Mail preparing and paper handling
machine operators (4723)
office machine operators, n.e.c.
(4729)

Telephone oper ators (4732)
Communications equipment
47391
Postal clerks, except mail
carriers (4742)
Mail carriers, postal service (4743)

Mail clerks, except postal service (4744)
Messengers (4745)
Dispatchers (4751)
Production coordinators (4752)
Traffic, shipping, and receiving clerks (4753)
Stock and inventory clerks (4754)
Meter readers (4755)
Weighers, measurers, checkers,
and samplers (4756, 4757)
Expediters (4758)
Material recording, scheduling,
and distributing clerks.
n.e.c. (4759)

I nsurance adjusters, examiners,
and investigators (4782)
Investigators and adjusters,
except insurance (4783)
Eligibility clerks, social
Eligibilityclerks, social
wel fare $(4784)$
Bill and account collectors (4786)
General office clerks (463)
Banktellers 4791
proofreaders 4792
Data-entry keyers (4793)
Statistical clerks (4794)
Teachers aides (4795)
Administrative support
occupations, n.e.c. (4787, 4799
Launderers and ironers (503)
Cooks private household $(504$
Housekeepers and butiers
household (506)
Private household cleaners and
servants (502, 507, 509)
Supervisors, firefighting and
fire prevention
occupations (5111)
Supervisors, police and
detectives (5112)
Supervisors, guards (5113)
Fire inspection and fire
prevention occupations
(5122)
pol
Police and detectives, public
service (5132)
Sheriffs, bailiffs, and other law
enforcement of ficers (5134)
Correctional institution officers (5133)

Crossing guards (5142)
Guards and pollice, except public
service (5144)
Protective service occupations,
n.e.c. (5149)

Supervisors, food preparation and
service occupations (5211)
sarviceoccupation
Waiters and wait resses (5213)
Cooks (5214, 5215)
Food counter, fount ain and
related occupations (5216)
Kitchen workers, food preparation

| DATA |  | IZE BEGIN |
| :---: | :---: | :---: |
| V |  | (5217) |
| V | 443 | Waiters'/waitresses' assistants |
| $v$ | 444 | Miscellaneous food preparation |
| V |  | occupations (5219) |
| V | 445 446 | Dental assistants (5232) |
| V |  | ( 5233 ) a |
| V | 447 | Nursing aides, orderlies, and |
| V | 448 | Supervisors, cleaning and |
| V |  | buldding service workers |
| $v$ | 449 | Maids and housemen (5242, 5249) |
| V | 453 | Lanitors and cleaners (5244) |
| V | 454 455 | Epevator operators ( 5245 ) 5246 |
| V | 456 | Supervisors, personal service |
| V |  | - occupations ${ }^{\text {Barbers }}$ ( 525251$)$ |
| V | 458 | . Hairdressers and cosmetologists |
| V |  | (5253) <br> Attendants, amusement and |
| $\stackrel{V}{V}$ | 459 | Attendants, amusement and |
| V | 461 | Guides (5255) |
| V | 462 | Ushers 5256) |
| V | 463 | . Public ( 5257$)$ transportation attendants |
| V | 464 | Bagage porters and bellhops |
| V | 465 | Welfare service aides (5263) |
| V | 466 | Family child care providers (part |
| V | 467 | Early childhood teacher's |
| V |  | assistants (part 5264) |
| V | 468 | Child care workers, n.e.c. (part |
| V | 469 | . Personal service occupations, |
| V |  | n.e.c. (5258, 5269$)$ |
| V | 473 | Farmers except horticultural |
| V | 474 | Horticultural specialty farmers |
| V |  | (5515) |
| V | 475 | Managers farms exce |
| V | 476 | Managers, horticultural specialty |
| V |  | farms (5525) |
| V | 477 | Supervisors farmworkers (5611) |
| V | 483 | Marine ife cultivation workers |
| V |  | ( 5618 ) |
| V | 484 | Nursery workers (5619) |
| V | 485 | Supervisors, $\begin{aligned} & \text { related agricultural } \\ & \text { occupations } \\ & 5621)\end{aligned}$ ( |
| V | 486 | Groundskeepers and gardeners. |
| V |  | except farm (5622) |
| V | 487 | - Animal caretakers, except farm |
| V | 488 | Graders and sorters, agricultural |
| V | 489 |  |
| V |  | ( 5627 ) . |
| V | 494 | Supervisors, forestry and logging |
| V | 495 | Forestry workers, except logging |
| V | 496 | - 572 ) |
| V |  | Occupations ( 573,579$)$ |
| V | 497 | Captains and other officers, |
| V | 498 | fishing vessels (part 8241) |
| V | 499 | Hunters and trappers (584) |
| V | 503 | Supervisors, mechanics and |
| V | 505 | Automobile mechanics (part 6111) |
| V | 506 | Auto mechanic apprentices (part |
| V | 507 | Bus truck, and stationary engine |
| $\stackrel{\dot{V}}{V}$ |  | - mechanics (6112) |
| V | 508 509 | Aircraft engine mechanics (6113) <br> Small engine repairers (6114) |
| V | 514 | Automobile body and related |
| V | 515 | : Aircraft mechanics, except engine |
| V |  | ( 6116 ) |
| $\stackrel{\dot{V}}{V}$ | 516 517 | Heavy equipment mechanics (6117) <br> Farmequipment mechanics (6118) |

DATA

SIZE BEGIN
communir epairers
communications and
industrial equipment (6151,
6153, 6155)
525 . Data processing equipment
repairers (6154)
thl appliance and power too
repairers (6156)
Telephone line installers and
repairers (6157)
Telephone installers and
reparrers 6158
electronic
repairers (6152, 6159)

534 . Heating, aị conditioning, and refrigeration mechanics
(616)
nstrument repairers (6171
61721
Locksmiths and safe repairers (6173)

539 . Me machine repairers (6174)
repairers (6175)
$(6176)$
(6176)

547 . Spewrights (6178)
Specified mechanics and
repairers, n.e.c. (6177, 6179)
549. Not specified mechanics and repairers

Carpenter apprentices
Drywal installers 6424) Electricians (part 6432)
Electrician apprentices (part
Electrical power installers and
repairers (6433)

585 Plumbers pipefitters and
Industrial machinery repairers (613)

Machinery maintenance occupations

Hhl appliance and power tool repairers (6156)
$\left.\begin{array}{c}\text { Tepairers } \\ \text { Tepephone } \\ 6\end{array} \frac{5}{5} 7\right)$
repairers (6158

Supervisors, brickmasons,
stonemasons, and tile
setters (6312)
Supervisors, carpenters and related workers (6313)
. Supervisors, electricians and
power transmission
installers (6314)
Supervisors, painters,
paperhangers, and
plasterers (6315)
Supervisors, plumbers,
pipefitters, and
steamfitters (6316)
Supervisors construction, n.e.c.
63
6412 part 6413
Brickmason and stonemason
apprentices (part 6412 ,
II e setters, hard and soft (part 6414 part 6462
a construction and
maintenance (6442)
papernangers 644
plumbers, pipefitters, and
steamfitters (part 645)
plumber, pipefitter, and
steamf itter apprentices
(part 645)
Concrete and terrazzo finishers
(6463)
insulation workers (6465)
equin, surfacing, and amping
equipment operators (6466)
Roofers (6468)
Sheet metal duct installers (6472)

SIZE BEGIN

Explosives workers 653 )
616. Mining machine operators (654)

635 . To and die makers (part 6811 6. part 6811
(
639. Machinist apprentices (part 6813)
. Boil er makers (6814)
Precisiongrinders, filers, and tool sharpeners (6816)
metal (6817)
oy-out workers (6821)
nes and metals
workers (Jewelers) (6822,
6866
Engravers, metal (6823)
653. Sheet metal workers (part 6824)

654 . Sheet metal wrker apprentices
(part 6824
Misc precision metal workers (6829)

Patternmkrs and model makers, wood (6831)

667 . Tailors (part 6852
668 . Upholsterers (6853)
669 . Shoe repairers (6854)
674. Mi sc precision apparel and fabric workers (6856, 6859, part 77521
675. Hand molders and shapers, except jewelers (6861)
operators (7318, 7518)

DATA

| V | 709 | Grinding, abrading, buffing, and |
| :---: | :---: | :---: |
| V |  | polishing machine operators |
| V |  | (7322, 7324, 7522) |
| V | 713 | Forging machine operators (7319, |
| V |  | $7519)$ |
| V | 714 | Numerical control machine |
| V |  | operators (7326) |
| V | 715 | Miscellaneous metal, plastic, |
| $V$ |  | stone, and glass working |
| V |  | machine operators (7329, |
| V |  | 7529 |
| V | 717 | Fabricating machine operators, |
| V |  | n.e.c. $(7339,7539)$ |
| V | 719 | Molding and casting machine |
| V |  | operators (7315, 7342, |
| V |  | 7515, 7542) |
| V | 723 | Metal plating machine operators |
| V |  | (7343, 7543 ) |
| V | 724 | Heat treating equipment operators |
| V |  | (7344, 7544) |
| V | 725 | Misc metal and plastic processing |
| V |  | machine operators (7349, |
| V |  | 7549) |
| V | 726 | Wood I athe, routing, and planing |
| V |  | machine operators (7431, |
| V |  | 7432, 7631, 7632) |
| V | 727 | Sawing machine operators (7433, |
| V |  | $7633)$ |
| V | 728 | Shaping and joining machine |
| V |  | operators (7435,7635) |
| V | 729 | Nailing and tacking machine |
| V |  | operators (7636) |
| V | 733 | Miscell aneous woodworking machine |
| V |  | operators (7434, 7439, |
| V |  | 7634, 7639) |
| V | 734 | Printing press operators (7443, |
| V |  | $7643)$ |
| V | 735 | Photoengravers and lithographers |
| V |  | (6842, 7444, 7644) |
| V | 736 | Typesetters and compositors |
| V |  | (6841, 7642 ) |
| V | 737 | Miscellaneous printing machine |
| V |  | operators (6849, 7449, 7649) |
| V | 738 | Winding and twisting machine |
| V |  | operators (7451, 7651). |
| V | 739 | Knitting, looping, taping, and |
| V |  | weaving machine operators |
| V |  | (7452, 7652 ) |
| V | 743 | Textile cutting machine operators |
| V |  | (7654) |
| V | 744 | Texti e sewing machine operators |
| V |  | (7655) |
| V | 745 | Shoe machine operators (7656) |
| V | 747 | Pressing machine operators (7657) |
| V | 748 | Laundering and dry cleaning |
| V |  | machine operators (6855, |
| V |  | 76581 |
| V | 749 | Miscell aneous textile machine |
| V |  | operators (7459,7659) |
| V | 753 | Cementing and gluing machine |
| V |  | operators (7661) |
| V | 754 | Packaging and filling machine |
| V |  | operators (7462, 7662 ) |
| V | 755 | Extruding and forming machine |
| V |  | operators (7463, 7663) |
| V | 756 | Mixing and blending machine |
| V |  | operators (7664) |
| V | 757 | Separating, filtering, and |
| V |  | clarifying machine |
| V |  | operators (7476, 7666, 7676) |
| V | 758 | Compressing and compacting |
| V |  | machine operators (7467, |
| V |  | 76671 |
| V | 759 | Painting and paint spraying |
| V |  | machine operators (7669) |
| V | 763 | Roasting and baking machine |
| V |  | operators, food (7472, 7672 ) |
| V | 764 | Washing, cleaning, and pickling |
| V |  | machine operators (7673) |
| V | 765 | Folding machine operators (7474, |
| , |  | 7674) |
| V | 766 | Furnace, kiln, and oven |
| V |  | operators, except food |
| V |  | (7675) |
| V | 768 | Crushing and grinding machine |
| V |  | operators (part 7477, part |

SIZE BEGIN
operators

725 Misc metal and plastic processing machine operators (7349

Wood I ather routing 44 and 7432,7631 7632)
727. Sawing machine operators (7433, 76331
Operators (7435 7635)
Nailing and tacking machine operators 7636
operators
$7634,7639)$
7644,7439 .
734 . Printing press operators (7443, 7643)
ty842, 7444 , 7644 ) 6841, 7642 operators (6849 7449 7649) ondig and twistíng machine operators (7451, 7651)
and textile cutting machine operators Texti Shoe machine operators (7656)
pressing machine operators (7657)
a hine oparators (6855) 7658)

Mscellaneous textio machine operators 459 (6)
Cementing and giuing machine Packaging and filling machine operators (7462, 7662)
arar ma
Mixing and blending machine operators (7664)
Separating, fitering, and clarifying machine
operators (7476, 7666, 7676)
compress ing and compaction .7667
759 Painting and paint spraying machine operators (7669) Roasting and baking machine Washing, cleaning, and pickling maldo operators Furnace, kiln, and oven operators, except food
Crushi operators (part 7477, part

| DATA | SIZE BEGIN |  |
| :---: | :---: | :---: |
| V | 769 | Slicing and cutting machine operators (7478, 7678) <br> Motion picture projectionists (part 7479) <br> Photographic process machine operators (6863, 6868, 7671) Miscellaneous machine operators. 7679 . (part 7479, 7665 , |
| V |  |  |
| V | 773 |  |
| V | 774 |  |
| V |  |  |
| V | 777 |  |
| V |  |  |
| V | 779 783 | Machine operators, not specified Welders and cutters (7332, 7532, 7714) |
| V |  |  |
| V | 784 | Solderers and brazers (7333, 7533, 7717) |
|  |  |  |
| V | 785 786 |  |
| V |  | Occupations ( 7753 ) |
| V | 787 | Hand molding, casting, and |
| V |  | . 7755 ) ${ }^{\text {a }}$ |
| V | 789 | Hand painting, coating, and decorating occupations |
| V |  |  |
| V |  | $(7156)$ |
|  | 793 | Hand engraving and printing occupations (9757) |
| V | 795 | (Miscellaneous hand working |
| V |  |  |
|  | 796 | Production inspectors, checkers, and examiners (782, 787) |
| V | 797 | Production testers (783) <br> Production samplers and weighers <br> (784) |
| V | 798 |  |
| V |  |  |
|  | 79 | Graders and sorters, except |
| V | 803 | Supervisors motor vehicle |
|  |  |  |
| V | 804 | Truck drivers (8212-8214) |
| V | 806 |  |
| V | 808 | Driver-sales workers (8218) Bus drivers (8215) |
| V | 809 | Taxicab drivers and chauffeurs |
| V | 813 | Parking lot attendants (874). |
| v | 814 | Motor transportation occupations, n.ec (8219) |
| V | 823 |  |
| V |  | - yardmasters (8113) c ( 0 motive operating occupations |
| V | 824 |  |
|  |  | ( Railroad brake signal and |
| v | 825 | Rail road brake signalswitchoperators$8233)$ |
| V | 826 |  |
| V |  | Rail vehicle operators, n.e.c. <br> (8239) |
| V | 828 | ship captains and mates, except fishing boats (part 8241, |
| V |  | 8242) ${ }_{\text {Sailors and deckhands (8243) }}$ |
| V | 829 |  |
| V | 833 | Marine engineers ( 8244 ) |
|  | 834 | Bridge, tender's 8245 ) and lighthouse |
| V | 843 | Supervisors, material moving |
| V |  | equipment operators (812) |
| V | 844 | Operating engineers (8312) |
| V | 845 | (8395hore equipment operators |
| V | 848 | Holst and winch operatorsCrane and tower operators8314$8315)$ |
| V | 849 |  |
| V | 853 | Excavating and loading machine operators 8316 ) |
| V | 855 | Grader odozer operators ${ }^{\text {and }}$ scraper |
| V |  |  |
|  | 856 | Industrial truck and tractor |
| V | 859 | Misc material moving equipment |
|  | 864 |  |
| V |  | Supervisors, handlers, equipment cleaners, and laborers, |
| V |  | Helpers, mechanics, and repairers (863) |
| V |  |  |
| V | 866 | Helpers, construction trades$(86418645,8648)$ |
| V |  |  |
| V | 867 | Helpers, surveyor (8646) Hel pers, extractive occupations 865) |
| V | 868 |  |
| V | 869 |  |
| V | 874 |  |
|  | 875 |  |




DATA
SIZE BEGIN
V


V
$V$
$V$
D AEMPLOC2 $1 \quad 980$
T JB: Allocation flag for EEMPLOC2
Allocation flag for multiple locations for employer
0. Not imputed
$\frac{1}{2}$. Stat istical imputation(hot deck) 1. Staticstical imputation(hot deck
2 . Cold deck mputation
3. Logical imputation(derivation) 4. Statisticalor or logical imputation using previous wave data
 About how many persons were employed by U's employer at alllocations together? Universe=All persons $15+$ at end of reference period who worked at two or more jobs and were not contingent workers and whose employer operated in more than one
location. EPOPSTAT $=1$ and EPDIBTHN $=1$ I ocation. EPOPSTAT $=1$ and EPDJBTHN $=1$
and EJOBCNTR $>1$ and ECFLAG not equal to 1and EEMPLOC2 =1
V
$V$
$V$
$V$

| $V$ | 0 | Not imputed |
| :--- | :--- | :--- |
| $V$ | 1 | Statistical imputation(hot deck) |
| $V$ | 2 | Cold deckimputation |
| $V$ | 3 | . Logical imputation(derivation) |
| $V$ | $4 . S t a t i s t i c a l o r ~ i o g i c a l ~ i m p u t a t i o n ~$ |  |

        1. Under 25 employees
                    25 to 99 employees
                    \(100+\) employees
    D AEMPALL2 1983
T JB:Allocationflag for EEMPALL2 al| locations
0. Not imputed . Statistical imputation(hot deck)
2. Cold deck imputation
4. Statisticapor or iogical imputation using previous wave data

TEMPSIZ2 2984
jB: Employees at worker's location
About how many persons are employed by -'s employer at thislocation? Universe =Al persons $15+$ at end of reference period who worked at two or more EPOPSTAT $=1$ and EPDJBTHN= $=1$ and EJOBCNTR $>1$ and ECFLAG not equal to 1 and ECFLAG not equal t
1 . Under 25 employees
2.25 to 99 employees
$3.100+$ employees
$\begin{array}{lll}V & 1 & \text { Under } 25 \text { empplayee } \\ V & 2 & 25 \text { to } 99 \text { empl oyee } \\ V & 3 & 100 t \text { employees } \\ V & -1 & \text { Not in universe }\end{array}$
D AEMPSIZ2 1986
T JB:Allocation flag for EEMPSIZI Allocation flag, for number of persons employed at . socation.
$V$
$V$
$V$
$V$
$V$
$V$
. Not imputed imputation(hot deck) Cold deck imputation
.Logical imputation(derivation)
. Logical imputation(derivation)
. Statisticalor iogical imputation using previous wave data

D EOCCTIM2 $4 \quad 987$
T JB: Length of time in this occupation Considering...'s entire working life, how many years has . been in this occupation or fine of work?'Universe=all persons $15+$ at end of reference period who worked at two or more obs and were not contingent workers. EPOPSTAT = 1 and EPDJBTHN =1 and EJOBCNTR > 1 and ECFLAG not equal to 1

|  | SIPP 2001 WAVES 1 thru 9 CORE |
| :---: | :---: |
|  | NOTE: Asked only in Wave <br> 1:999. Months Not in universe |
|  | AOCCTIM2 J: Allocation flag for EOCCTIM2 Allocation flag for length of time in occupation. |
|  | Not imputed |
|  | $\frac{1}{2}$. Statistica imputation |
|  | 3.Logical imputation(derivation) |
| $\begin{array}{ll} \text { D ECLWRK2 } \\ \text { TJB:Class of worker } \end{array}$ |  |
|  |  |
|  | Universe=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 |
|  | EPDJ BTHN = 1 and EJOBCNTR > 1 and ECFLAG |
|  | not equal ${ }_{1}$. Private for profit |
|  | . Private not for profit employee |
|  | 3. Local government worker |
|  | State government worker |
|  | deral government worker |
|  | ami y worker withou |
|  | 1. Not in universe |
| $\begin{aligned} & \text { D ACLWRK2 }{ }^{1} \text { j } 994 \text { for Allocation flag for ECLWRK? } \end{aligned}$ |  |
|  |  |
| Allocationflag for class of |  |
|  | Statistical imputation(hot deck) |
|  | - Cold deck i mputat |
|  | 3. Logical imputation(derivation) |
|  | - Statistica or logica |
|  |  |
|  | NI ON2 ${ }^{2} 995$ |
|  | Union/employee-association membership On this jobis... a member of either a |
|  | union or an employee association like |
|  | union? Universeall persons $15+$ at the end |
|  | more jobs during the reference period and |
|  | were not unpaid in a family business or |
|  | contingent workers. EPO |
|  | EPD ${ }^{\text {PTHN }}=1$ and (E) OBCNTR $>1$ and ECFLAG |
|  | not |
|  | -1. Not in uni |
|  |  |
|  | $2 . N 0$ |
|  <br> Allocation flag for union membership. |  |
|  |  |
|  |  |
|  | Statistical imputation(hot deck) |
|  | - Cold deck imputation |
|  | 3. Logical imputation(derivation) |
|  | 4. Statisticalor Iogical imputation |
|  | . using previous wave data |
|  | CNTRC2 2998 |
|  | contraverage by union or employee association |
|  | Was covered by a union or empl |
|  | association contract? Universe=Al persons |
|  |  |
|  | period and who were not members of a union |
|  | or employee association like a uni |
|  | xcludes contingent workers. EPOPSTAT |
|  | and EPDJ BTHN = 1 and EJOBCNTR $>1$ and |
|  | ECFLAG not equal to 1 and EUNION1 = 2 |
|  | 1 . Not in universe |
|  |  |
|  | No |
|  | NTRC2 1000 |
|  | B: Allocation flag for ECNTRC2 |
|  | Allocation flag for covered by union |
|  |  |
|  | Statistical imputation(hot deck) |
|  | cold deck imputatio |




SIZE BEGIN
(341, 343, 347, 349)
311. Farm machinery and equipment (352)
312 . Construction and material
handling machines (353)
320. Metal working machinery (354)
321. Office and accounting machines
(3578, 3579)
322
repairing (373)
370. Cycles and miscellaneous
transportation equipment
(375, 379)
371

Petroleum refining (291)
Miscellaneous petroleum and coal
products (295, 299)
Other and inner tubes (301)
Other rubber products, and
plastics footwear and
belting (302.306)
. Miscelianeous plastics products
$(308)$
eather tanning and finishing
311
Footwear, except rubber and
plastic (313, 314)
eather products, except footwear
Logging (241)
Sawmilis, planingmills, and
mi II work' (242, 243)
Wood building's and mobile homes
$(245)$ (245)
$249)$
Furniture and fixtures (25)
Glass and glass products (321-323)
Cement, concrete, gypsum, and
plaster products (324, 327)
Structural clay product s (325)
Pottery and rel ated products (326)
and stone products (328,

| $329)$ |
| :--- |

Blast furnaces, steelworks,
rolling and finishing mills
$(331)$
Iron and steel foundries (3
prlmary aluminumindustries
3363,3365 ) $334,3353-3355$,
Other primary metal industries
(3331, 3339 , part 334,3351 ,
$3356.57,3364,3366,3369$,
339
Cut
hardware (342)
Fabricated structural metal
products (344)
Screw machine products (345)
Metal forgings and stampings (346)

Not 343 , 34 ind
Engines and turbines noustrie
ngines and turbines (351)
Construction and material
Metal working machinery (354)
(3578, 3579)
Comput ers and related equipment
(3511-3577)
Machinery except electrical,
n. e.c. $(355,355,358,359)$

Not specified machinery

1. Radio, TV, and communication
equipment' ( 365 , 366 )
. Electrical machinery, equipment,
and supplies, n.e.c. (361,
362, 364, 367, 3691
Not specified'electrical
machinery, equipment, and
supplies
2. Motor vehicles and motor vehicle equipment (371)
Ship and boat building and
repairing (373)
and
Guided missiles, space vehicles,
and parts (376)
3. Cycles and miscellaneous
(375, 379 )
371

Chemicals (281, 286, 289)

| DATA |  | SIZE BEGIN | DATA |  | SIZE BEGIN |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V |  | instruments (381, 382 | V |  | 544, 549 |
| V |  | . except 3827) | V | 612 | Motor vehicle dealers (551, 552 |
| V | 372 | . Medical, dental, and optical | V | 620 | Stores, auto and home supply (553) |
| V |  | - instruments and supplies | V | 621 | Gasoline service stations ( 554 ) |
| V |  | - (3827, 384, 385) | V | 622 | Miscellaneous vehicle dealers |
| V | 380 | - Photographic equipment and | V |  | ( $555,556,557,559)$ ) |
| V |  | - supplies (386) | V | 623 | Stores, apparel and accessory, |
| V | 381 | - Watches, clocks, and clockwork | V |  | except shoe (56, except 566) |
| V | 390 | - Toys, a musement, and sporting | V | 630 631 | Stores furniture and home |
| V |  | . goods (394) | V |  | furnishings (571) |
| V | 391 | - Miscell aneous manufacturing | V | 632 | Stores, household appliance (572) |
| V |  | - industries (39 except 394) | V | 633 | Stores, radio, TV, and computer |
| V | 392 | . Not spec manufacturing industries | V |  | (5731, 5734) |
| V | 400 | - Railroads (40) | V | 640 | Musicstores (5735, 5736 ) |
| V | 401 | - Bus service and urban transit | V | 641 | Eating and drinking places (58) |
| V |  | - (41, except 412) | V | 642 | Drug stores (591) |
| V | 402 | - Taxicab service (412) | V | 650 | Liquor stores (592) |
| V | 410 | - Trucking service (421, 423 ) | V | 651 | , Stores, sporting goods, bicycles, |
| V | 411 | - Warehousing and storage (422) | V |  | . and hobby (5941, 5945 5946) |
| V | 412 | - U.S. Postal Service (43) | V | 652 | . Stores, book and stationery |
| V | 420 | - Water transportation (44) | V |  | - (5942, 5943 ) |
| V | 421 | . Air transportation (45) | V | 660 | - Jewelry stores (5944) |
| V | 422 | - Pipe lines, except natural gas | V | 661 | Gift, novelty, and souvenir shops |
| V |  | - (46) | V |  | (5947) needlework and piece |
| V | 432 | - Services incidental to | V | 662 | Sewing, needl ework and piece |
| V |  | - transportation (47) | V |  | goods stores (5949) |
| V | 440 | - Radio and tel evision broadcasting | V | 663 | - Catalog and mail order houses |
| V |  | - and cable (483, 484) | V |  | - (5961) |
| V | 441 | - Telephone communications (481) | V | 670 | - Vending machine oper ators (5962) |
| V | 442 | - Telegraph and misce! aneous | V | 671 | . Direct selling establishments |
| V |  | communications services | V |  | (5963) |
| V |  | - (482, 489 ) | V | 672 | . Fuel dealers (598) |
| V | 450 | . Electric ight and power (491) | V | 681 | - Retail florists (5992) |
| V | 451 | - Gas and steam supply systems | V | 682 | - Stores, Miscellaneous retail |
| V |  | - $(492,496)$ | V |  | - (593, 5948, 5993-5995, 5999) |
| V | 452 | . Electric and gas, and other | V | 691 | . Not specified retail trade |
| V |  | - combinations (493) | V | 700 | - Banking (60 except 603 and 606) |
| V | 470 | - Water supply and irrigation (494, | V | 701 | . Savings institutions, including |
| V |  | - 497 ) | V |  | - credit unions (603, 606) 61$)$ |
| V | 471 | - Sanitary services (495) | V | 702 | - Credit agencies, n.e.c. (61) |
| V | 472 | - Not specified utilities | V | 710 | . Security, commodity brokerage, |
| V | 500 | . Motor Vehicles and equipment (501) | V |  | , and i nvestment companies |
| V | 501 | - Furniture and home furnishings | V |  | - 62,67 ) 6 ( 6 ( 6 ) |
| V |  | - (502) | V | 711 | - Insurance (63, 64) |
| V | 502 | - Lumber and construction materials | V | 712 | . Real estate, including real |
| V |  | ( 503 ) | V |  | estate-insurance offices |
| V | 510 | - Professional and commercial | V |  | - (65) |
| V |  | . equipment and supplies (504) | V | 721 | . Advertising (731) |
| V | 511 | . Metals and minerals, except | V | 722 | - Services to dwellings and other |
| V |  | . petroleum ( 505 ) | V |  | - buildings ( 734 ) y sersonnel supplates ( 736 ) |
| V | 521 | . Hardware, plumbing and heating | V | 732 | - Computer and data processing |
| V |  | - suppli es (507). | V |  | - services (737) |
| V | 530 | , Machinery, equipment, and | V | 740 | - Detective and protective services |
| V |  | . supplies (508) | V |  | (7381, 7382) |
| V | 531 | - Scrap and waste materials (5093) | V | 741 | . Business services, n.e.c. (732, |
| V | 532 | - Miscellaneous whol esale, durable | V |  | . 733, 735, 7383-7389) |
| V |  | - goods (509 except 5093) | V | 742 | - Aut omotive rental and leasing, |
| V | 540 | - Paper and paper products (511) | V |  | . W/out drivers (751) |
| V | 541 | . Drugs, chemicals and allied | V | 750 | - Automotive parking and carwashes |
| V |  | - products (512, 516) | V |  | - (752, 7542) |
| V | 542 | - Apparel, fabrics, and notions | V | 751 | - Aut omotive repair and rel at ed |
| V |  | - (513) | V |  | - services (753, 7549 ) |
| V | 550 | Groceries and related products | V | 752 | - Electrical repair shops (762, |
| V |  | ( 514 ) | V |  | 76941 |
| V | 551 | - Farm-product raw materials (515) | V | 760 | - Miscellaneous repair services |
| V | 552 | - Petroleum products (517) | V |  | - (763, 764, 7692,7699 ) |
| V | 560 | - Alcoholic beverages (518) | V | 761 | - Private Households (88) |
| V | 561 | - Farm supplies (5191) | V | 762 | . Hotels and motels (701) |
| V | 562 | - Misc wholesale, nondurable goods | V | 770 | . Lodging places, except hotels and |
| V |  | - (5192-5199) | V |  | - motels s (702, 703, 704) |
| V | 571 | - Not specified wholesale trade | V | 771 | - Laundry, cleaning, and garment |
| V | 580 | . Lumber and building material | V |  | - services (721 except part |
| V |  | - retailing (521, 523) | V |  | . 72191 |
| V | 581 | - Hardware stores (525) | V | 772 | - Beauty shops (723) |
| V | 582 | Stores, retail nurseries and | V | 780 | - Barbershops (724) |
| V |  | - garden (526) | V | 781 | . Funeral service and crematories |
| V | 590 | . Mobile home dealers (527) | V |  | - (726) |
| V | 591 | - Department stores (531) | V | 782 | - Shoe repair shops (725) |
| V | 592 | - Variety stores (533) | V | 790 | - Dressmaking shops (part 7219) |
| V | 600 | - Stores, misc general merchandise | V | 791 | - Miscopersonal services (722, 729) |
| V |  | - (539) | V | 800 | - Theaters and motion pictures |
| V | 601 | - Grocery stores (541) | V |  | - (781-783, 792) |
| V | 602 | Stores, dairy products (545) | V | 801 | - Video taperental (784) |
| V | 610 | Retail bakeries (546) | V | 802 | Bowl ing centers (793) |
| V | 611 | . Food stores, n.e.c. (542, 543, | V | 810 | Miscelraneous entertainment and |



DATA

SIZE BEGIN
. administration (112)
5.Administrators and of ficials, public administration
(1132-1139)
6. Administrators protective
. Financial managers (122)
. Personnel and labor relations managers (123)
Purchasing managers (124)
Managers, marketing, advertising,
and publicrelation's (125)
Admin, education and related
fields (128)
15 . Managers, medicine and health
(131)
17. Managers, food serving and
odging establishments
(1351)
18. Managers, properties and real
estate (1353)
19. Funeral directors (part 1359)

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)

Underwriters (1414)
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 farmproducts
trade
$(1442)$
33. Purch, agents and buyers, n.e.c. (1449)

34 . Business and promotion agents (145)
35. Construction inspectors (1472)

I nspectors and compliance
officers, except
offocers except
construction (1473)
37. Management rel ated occupations,
n.e.c. (149)

Architects (161)
Aerospace engineers (1622)
Metallurgical and materials
engíneers (1623)
Mining engineers (1624)
Petroleum engineers (1625)
Chemical engineers (1626)
Nuclear engineers 1627
Agricultural engineers (1632)
Engineers, electrical and
electronic (1633, 1636)
Engineers, industrial
En
57 . Engineers, mechanical 16354
58. Marine and naval architects (1637)
59. Engineers, n.e.c. (1639)

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: At mospheric and space scientists ( 1846 )
75. Geologists and geodesists (1847)

76 . Physical scientists, n.e.c. (1849)
77. Agricultural and food scientists (1853)

| DATA |  | SIZE BEGIN | DATA |  | SIZE BEGIN |
| :---: | :---: | :---: | :---: | :---: | :---: |
| V | 78 | Biological and life scientists | V |  | craft-artists, and artist |
| V |  | . (1854) | V |  | - print makers (325) |
| V | 79 | . Forestry and conservation | V | 189 | Photographers (326) |
| V |  | - scientists (1852) | V | 193 | Dancers (327) |
| V | 83 | . Medical scientists (1855) | V | 194 | - Artists, performers, and related |
| V | 84 | - Physicians (261) | V |  | . workers, n.e.c. $(328,329)$ |
| V | 85 | - Dentists (262) | V | 195 | Editors and reporters (331) |
| V | 86 | - Veterinarians (27) | V | 197 | - Public relations specialists (332) |
| V | 87 | - Optometrists (281) | V | 198 | - Announcers (333) |
| V | 88 | . Podiatrists (283) | V | 199 | - Athletes (34) |
| V | 89 | - Health diagnosing practitioners, | V | 203 | Clinical a boratory technologists |
| V |  | . n.e.c. (289) | V |  | and technicians (362) |
| V | 95 | - Registered nurses (29) | V | 204 | Dental hygienists (363). |
| V | 96 | - Pharmacists (301) | V | 205 | . Heal threcord technologists and |
| V | 97 | - Dietitians (302) | V |  | - technicians (364) |
| V | 98 | - Respiratory therapists ( 3031 ) | V | 206 | . Radiologic technicians (365) |
| V | 99 103 | - Occupational therapists (3032) | V | 207 | - Licensed practical nurses (366) |
| V | 103 | - Physical therapists (3033) | V | 208 | . Healthtechnologists and |
| V | 104 | - Speech therapists (3034) | V |  | , technicians, n.e.c. (369) |
| V | 106 | - Physicians nassistants (304) | V | 213 | technicians (3711) |
| V | 113 | - Earth, environmental, and marine | V | 214 | . Industrial engineering |
| V |  | - science teachers (2212) | V |  | .technicians (3712) |
| V | 114 | . Biological science teachers (2213) | V | 215 | . Mechanical engineering |
| V | 115 | - Chemistry teachers (2214) | V |  | -technicians (3713) |
| V | 116 | . Physics teachers (2215) | V | 216 | . Engineering technicians, n.e.c. |
| V | 117 | - Natural science teachers, n.e.c. | V |  | (3719) |
| V |  | . (2216) | V | 217 | Drafting occupations (372) |
| V | 118 | . Psychology teachers (2217) | V | 218 | . Surveying and mapping technicians |
| V | 119 | - Economics teachers (2218) | V |  | ( 373 ) |
| V | 123 | . History teachers (2222) | V | 223 | - Biological technicians (382) |
| V | 124 | - Political science teachers (2223) | V | 224 | - Chemical technicians (3831) |
| V | 125 | . Sociology teachers (2224) | V | 225 | Science technicians, n.e.c. |
| V | 126 | . Social science teachers, n.e.c. | V |  | . $(3832,3833,384,389)$ |
| V |  | - (2225) | V | 226 | - Airplane pilots and navigators |
| V | 127 | . Engineering teachers ( 2226 ) | V |  | (825) |
| V | 128 | . Math. science teachers (2227) | V | 227 | Air traffic controllers (392) |
| V | 129 | - Computer science teachers (2228) | V | 228 | - Broadcast equipment operators |
| V | 133 | . Medical science teachers (2231) | V |  | - (393) |
| V | 134 | . Health specialties teachers (2232) | V | 229 | . Computer programmers (3971, 3972) |
| V | 135 | . Business, commerce, and marketing | V | 233 | - Too programmers, numerical |
| V |  | . teachers (2233) | V |  | . control (3974) |
| V | 136 | - Agriculture and forestry teachers | V | 234 | - Legal assistants ( 396 ) |
| V |  | - (2234) | V | 235 | - Technicians, n.e.c. (399) |
| V | 137 | - Art drama, and music teachers | V | 243 | . Supervisors and proprietors, |
| V |  | - (2235) | V |  | . sales occupations (40) |
| V | 138 | . Physical education teachers (2236) | V | 253 | . Insurance sales occupations (4122) |
| V | 139 | - Education teachers (2237) | V | 254 | - Real estate sales occupations |
| V | 143 | . English teachers (2238) | V |  | - (4123) |
| V | 144 | . Foreign l anguage teachers (2242) | V | 255 | - Securities and financial services |
| V | 145 | - Law teachers (2243) | V |  | . sales occupations (4124) |
| V | 146 | - Social work teachers (2244) | V | 256 | - Advertising and related sales |
| V | 147 | - Theology teachers (2245) | V |  | - occupations (4153) |
| V | 148 | - Trade and industrial teachers | V | 257 | - Sales occupations, other business |
| V |  | - (2246) | V |  | - services (4152) |
| V | 149 | - Home economics teachers (2247) | V | 258 | . Sales engineers (421) |
| V | 153 | . Teachers, postsecondary, n.e.c. | V | 259 | . Sales representatives, mining, |
| V |  | - (2249) | V |  | , manufacturing, and |
| V | 154 | - Postsecondary teachers, subject | V |  | - wholesale (423, 424) |
| V |  | - not specified | V | 263 | , Sales workers, motor vehicles and |
| V | 155 | - Teachers, prekindergarten and | V |  | , boats (4342, 4344) |
| V |  | - kindergarten (231) | V | 264 | . Sales workers, apparel (4346) |
| V | 156 | - Teachers, elementary school (232) | V | 265 | . Sales workers, shoes (4351) |
| V | 157 | Teachers, secondary school (233) | V | 266 | - Sales workers, furniture and home |
| V | 158 | - Teachers, special education (235) | V |  | - furnishings (4348) |
| V | 159 | - Teachers, n.e.c. (236, 239) | V | 267 | , Sales workers, radio, TV, hi-fi, |
| V | 163 | - Counselors, Educational and | V |  | - and appliances (4343, 4352) |
| V |  | - Vocational (24) | V | 268 | . Sal es workers hardware and |
| V | 164 | - Librarians (251) | V |  | - building supplies (4353) |
| V | 165 | - Archivists and curators (252) | V | 269 | . Sales workers, parts (4367) |
| V | 166 | - Economists (1912) | V | 274 | . Sales workers, other commodities |
| V | 167 | - Psychologists (1915) | V |  | . $(4345,4347,4354,4356$, |
| V | 168 | - Sociologists (1916) | V |  | . $4359,4362,4369)$ ) |
| V | 169 | . Social scientists, n.e.c. (1913, | V | 275 | . Sales counter clerks (4363) |
| V |  | . 1914, 1919) | V | 276 | - Cashiers (4364) |
| V | 173 | - Urban planners (192) | V | 277 | Street and door-to-door sales |
| V | 174 | - Social workers 2032 , | $V$ |  | - workers (4366) |
| V | 175 | - Recreation workers (2033) | V | 278 | . News vendors (4365) |
| V | 176 | - Clergy (2042) | V | 283 | . Demonstrators, promoters and |
| V | 177 | . Religious workers, n.e.c. (2049) | V |  | . models, sales (445) |
| V | 178 | . Lawyers and dudges (211, 212) | V | 284 | . Auctioneers (447) |
| V | 183 | - Authors (321) | V | 285 | - Sales support occupations, n.e.c. |
| V | 184 | - Technical writers (398) | V |  | (444, 446, 449) |
| V | 185 | - Designers (322) | V | 303 | Supervisors, general office |
| V | 186 | . Musicians and composers (323) | V |  | , (4511, 4513, 4514, 4516, |
| V | 187 | . Actors and directors (324) | V |  | $4519,4529)$ |
| V | 188 | Painters, sculptors, | V | 304 | Supervisors, computer equipment |

SIZE BEGIN
operators (4512)
processing (4521)
Chief communications operators
(4523)
307 . Supervisors, distribution,
scheduling, and adjusting
clerks (4522, 4524-4528)
pertpheral equipment operators
(4613)
Secretaries (4622)
Stenographers (4623)
Stenographers
Typists $(4624)$
ntervi ewers
Hotel clerks 4643
Transportation ticket and
reservation agents (4644)
Receptionists (4645)
Information clerks n.e.c. (4649)
Classified-ad clerks (4662)
Correspondence clerks (4663)
Order clerks (4664)
Personnel clerks, except payrol
and timekeeping (4692)
329 Libraryclerks (4694)
335 . File clerks (4696)
336 . Records clerks (4699)

- Bookkepers, accounting, and
payroll and timekeeping clerks
(4713)
Billing clerks (4715)
Cost and rate clerks (4716)
Billing, posting, and calculating
machinéoperator's (4718)
Duplicating machine operators
(4722)
Mai preparing and paper handling
machine operators (4723)
machine operators 4723 band
Office machine operators, n.e.c
4729 )

348. Telephone operators (4732)
349. Communications equipment
operators, n.e.c. (4733
47391
355 . Mai carriers. postal service
363 . Productioncoordinators ( 4752 )
364 . Traffic shipping, and receiving
363 . Production coordinators ( 4752 )
364 . Traffic, shipping, and receiving
cterks (4753)
( 0 ck and inventory clerks (4754)
Meter readers (4755)
Weighers, measurers, checkers,
and samplers (4756,'4757)
350. Expediters (4758)
374 . Material recording, scheduling,
and distributing clerks
n.e.c. (4759)
385 . Data-entry keyers (4793)
386 . Statistical clerks (4794)
387 . Teachers' aides (4795)
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
407
nsurance adjusters, examiners
and investigators (4782)
Investigators and adjusters
nvestigators and adiusters
except insurance (4783)
Eligibilityclerks, social
welfare (4784)
Bill and account collectors (4786)
General officeclerks (463)
Bank tellers 4791
. Postal clerks, except mail
carriers (4742)
(4743)
service (4744)
Messengers
Messengers (4745)
. Dispatchers (4751)
- Traffic, shipping, and receiving
37
37
DATA

| V |  | servants (502, 507, 509) |
| :---: | :---: | :---: |
| V | 413 | Supervisors, firefighting and |
| V |  | fire prevention |
| V |  | occupations (5111) |
| V | 414 | Supervisors, police and |
| V |  | detectives (5112) |
| V | 415 | Supervisors, guards (5113) |
| V | 416 | Fire inspection and fire |
| V |  | prevention occupations |
| V |  | (5122) |
| V | 417 | Firefighting occupations (5123) |
| V | 418 | Police and detectives, public |
| V |  | service (5132) |
| V | 423 | Sheriffs, bailiffs, and other I aw |
| V |  | enforcement of ficers (5134) |
| V | 424 | Correctional institution officers |
| V |  | ( 5133 ) |
| V | 425 | Crossing guards (5142) |
| V | 426 | Guards and police, except public |
| V |  | service (5144) |
| V | 427 | Protective service occupations, |
| V |  | n.e.c. ( 5149 ) |
| V | 433 | Supervisors, food preparation and |
| V |  | serviceoccupations (5211) |
| V | 434 | Bartenders (5212) |
| V | 435 | Waiters and waitresses (5213) |
| V | 436 | Cooks (5214, 5215) |
| V | 438 | Food counter, fountain and |
| V |  | related occupations (5216) |
| V | 439 | Kitchen workers, food preparation |
| V |  | ( 5217 ) |
| V | 443 | Waiters'/ waitresses' assistants |
| V |  | ( 5218 ) |
| V | 444 | Miscellaneous food preparation |
| V |  | occupations (5219) |
| V | 445 | Dental assistants (5232) |
| V | 446 | Health aides, except nursing |
| V |  | ( 5233 ) |
| V | 447 | Nursing aides, orderlies, and |
| V |  | attendants (5236) |
| V | 448 | Supervisors, cleaning and |
| V |  | building service workers |
| V |  | (5241) |
| V | 449 | Maids and housemen (5242, 5249) |
| V | 453 | Lanitors and cleaners (5244) |
| V | 454 | El evator operators (5245) |
| V | 455 | Pest control occupations (5246) |
| V | 456 | Supervisors, personal service |
| V |  | occupations (5251) |
| V | 457 | Barbers (5252) |
| V | 458 | Hairdressers and cosmetologists |
| V |  | ( 5253 ) |
| V | 459 | Attendants, a musement and |
| V |  | recreation facilities (5254) |
| V | 461 | Guides ( 5255 ) |
| V | 462 | Ushers (5256) |
| V | 463 | Public transportation attendants |
| V |  | ( 5257 ) |
| V | 464 | Baggage porters and bellhops |
| V |  | ( 5262 ) |
| V | 465 | Welfare service aides (5263) |
| V | 466 | Family child care providers (part |
| V |  | $5264)$ ) |
| V | 467 | Early childhood teacher's |
| V |  | assistants (part 5264) |
| V | 468 | Child care workers, n.e.c. (part |
| V |  | 52641 |
| V | 469 | Personal serviceoccupations, |
| V |  | n.e.c. ( 5258 , 5269) |
| V | 473 | Farmers, except horticultural |
| V |  | ( $5512-5514$ ) |
| V | 474 | Horticultural specialty farmers |
| V |  | ( 5515 ) |
| V | 475 | Managers, farms, except |
| V |  | horticultural (5522-5524) |
| V | 476 | Managers, horticultural specialty |
| V |  | farms (5525) |
| V | 477 | Supervisors, farmworkers (5611) |
| V | 479 | Farmworkers (5612-5617) |
| V | 483 | Marine life cultivation workers |
| V |  | ( 5618 ) |
| V | 484 | Nursery workers (5619) |
| V | 485 | Supervisors, related agricultural |
| V |  | occupations (5621) |
| V | 486 | Groundskeepers and gardeners, |
| V |  | except farm (5622) |
| V | 487 | Animal caretakers, except farm |

SIPP 2001 WAVES 1 thru 9 CORE

| DATA |  | SIZE BEGIN | DATA |
| :---: | :---: | :---: | :---: |
| V |  | ( 5624 ) | V |
| V | 488 | . Graders and sorters, agricultural | V |
| V |  | - products (5625) | V |
| V | 489 | . nspectors, agricultural products | V |
| V |  | . (5627) . | V |
| V | 494 | . Supervisors forestry and logging | V |
| V |  | . workers (571) | V |
| V | 495 | . Forestry workers, except logging | V |
| V |  | . (572) | $v$ |
| V | 496 | Timber cutting and logging | V |
| V |  | - occupations (573, 579) | V |
| V | 497 | - Captains and other officers, | V |
| V |  | . fishing vessels (part 8241) | V |
| V | 498 | . Fishers (583) | V |
| V | 499 | . Hunters and trappers (584) | V |
| V | 503 | - Supervisors, mechanics and | V |
| V |  | - repairers (60) | V |
| V | 505 | - Aut omobil e mechanics (part 6111) | V |
| V | 506 | . Auto mechanic apprentices (part | V |
| V |  | .6111) | V |
| V | 507 | Bus truck, and stationary engine | V |
| V |  | - mechanics (6112) | V |
| V | 508 | - Aircraft engine mechanics (6113) | V |
| V | 509 | - Small engine repairers (6114) | V |
| V | 514 | - Aut omobire body and related | V |
| V |  | - repairers (6115) | V |
| V | 515 | . Aircraft mechanics, except engine | V |
| V |  |  | V |
| V | 516 517 | . Feavy equipment mechanics (6117) | V |
| V | 518 | - Industria machinery repairers | V |
| V |  | ( 613 ) | V |
| V | 519 | - Machinery maintenance occupations | V |
| V |  | - (614) | V |
| V | 523 | . Electronic repairers, | V |
| V |  | - communications and | V |
| V |  | - industrial equipment (6151, | V |
| V |  | .6153, 6155) | V |
| V | 525 | . Data processing equipment | V |
| V |  | - repairers (6154) | V |
| V | 526 | . Hhld appliance and power tool | V |
| V |  | - repairers (6156) | V |
| V | 527 | . Telephone line installers and | V |
| V |  | - reparers (6157) ( 6 ) | V |
| V | 529 | - Telephone installers and | V |
| V |  | - repairers (6158) | V |
| V | 533 | . Miscellaneous electrical and | V |
| V |  | . electronic equipment | V |
| V |  | .repairers (6152, 6159) | V |
| V | 534 | . Heating, air conditioning, and | V |
| V |  | . refrigeration mechanics | V |
| V |  | . (616) | V |
| V | 535 | . Camera, watch, and musical | V |
| V |  | - instrument repairers (6171, | V |
| V |  | .6172) | V |
| V | 536 | . Locksmiths and safe repairers | V |
| V |  | . (6173) | V |
| V | 538 | . Office machine repairers (6174) | V |
| V | 539 | - Mechanical controls and valve | V |
| V |  | . repairers (6175) | V |
| V | 543 | . El evator installers and repairers | V |
| V |  | . (6176) | V |
| V | 544 | . Mill wrights (6178) | V |
| V | 547 | - Specified mechanics and | V |
| V |  | . repairers, n.e.c. (6177, | V |
| V |  | .6179) | V |
| V | 549 | . Not specified mechanics and | V |
| V |  | - repairers | V |
| V | 553 | . Supervisors, brickmasons, | V |
| V |  | . stonemasons, and tile | V |
| V |  | . setters (6312) | V |
| V | 554 | - Supervisors carpenters and | V |
| V |  | - related workers (6313) | V |
| V | 555 | . Supervisors, electricians and | V |
| V |  | - power transmi ssion | V |
| V |  | - installers (6314) | V |
| V | 556 | - Supervisors, painters, | V |
| V |  | - paperhangers, and | V |
| V |  | - plasterers (6315) | V |
| V | 557 | . Supervisors, pl umbers, | V |
| V |  | - pipefitters, and | V |
| V |  | - steamfitters (6316) | V |
| V | 558 | - Supervisors, construction, n.e.c | $v$ |
| V | 563 |  | V |
| V |  | . 6412 part 6413) | V |
| V | 564 | Brickmason and stonemason | V |

564 . Brickmason and stonemason
(5624)
proders and sorters. products (5625)
nspectors, agricultural products
Supervisors, forestry and logging workers (571)
(572)
timber cutting and logging
coptions (573, 579 l
fishing vessels (part 8241)
Fishers (583)
Hunters and
repairers (60)
Automobile mechanics (part 6111)
6111)
. Bus truck, and stationary engine
Airchas (oliz)
smal engin
Aut omobile body and related
repairers (6115)
(6116) mechancs,
. Heavy equipment mechanics (6117)
Industrial machinery repairers
613

- Electronic repairers.
communications and
6153.6155 equipment (6151,

Data processing equipment
Hhld appliance and power tool
Tefephone line installers and
Telephone installers and
reparrers (6158)
repairers (6152
. Heating, air conditioning, and
616) geration mechanics
(616)
instrument repairers (6171,
6172)
(6173)
ols and valve
repairers (6175)
(6176)

- Specifi ed mechanics and
repairers, n.e.c. (6177
. Not specified mechanics and
repairers
stonemasons and il
setters (6312)
. Supervisors, electricians and
power transmission
- Supervisors, painters.
paperhangers 6315 )
supervisors, plumbers.
pipefitters, and
steamfitters (6316)
(6311, 6318)
6412 part 6413)
- Brickmason and stonemason

SIZE BEGIN
apprentices (part 6412,
part 6413
Tile setters, hard and soft (part
6414, part 6462)
Carpet installers (part 6462)
Carpenters (part 6422)
Carpenter apprentices (part 6422)
Drywal! installers (6424)
Electricians (part 6432)
Electrician apprentices (part
$6432)$

Pasterers 6444
cumbers pipefitters, and
steamf itters (part 645)

596 . Sheet metal duct installers (6472)
597 Structural metal workers (6473)

616 . Mining machine operators (654)
628. Supervisorspations, n.e.c. (656)

628 . Supervisors, production
occupations (67,71)
634 . Tool and die makers (part 6811)
Tool and die mkr apprentices
(part 6811)
Machinists (part 6813) (part 681
639 . Machinist apprentices (part 6813)
643 . Boilermakers (6814)
644 . Precision grinders, filers, and
tool sharpeners (6816)
Patternmakers and model makers,
metal (6817)
Precious stones and metals
workers (Jewelers) (6822,
68661

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 ewelers (6861)
Patternmakers, I ay-out workers,
and cutters (6862)
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)
(6869)
cutcers and meat cut
Bakers (6872)
. Food batchmakers (6873, 6879)
- nspectors, testers, and graders
(6881, 828 )
693 . Adjusters and calibrators (6882)
64 . Water and sewage treatment plan
operators (691)
695 . Power plant operators (part 693)
696 . Stationary engineers (part 693,
7668 )
699 . Miscellaneousplant and system
operators (692, 694, 695,
6961
703 . Set-up operators, lathe and
turning machine (7312)
704 . Operators athe and turning
machine (7512)
705 . Milling and planing machine
operators (7313, 7513)
706 . Punching and stamping press
machine operators ( 7314
machine operators
$7317,7514,7517)$
707 Rolling machine operators (7316,
7516
708 . Drilling and boring machine
operators (7318,7518)
709. Grinding, abrading, buffing, and
poli shing machine operators
po
$7322, ~ 7324, ~ 7522)$
713 . Forging machine operators 17319
Numerical control machine
operators (7326)
715 . Miscel| aneous metal, plastic,
stone, and glass working
machi'ne operators (7329,
(1959
717 . Fabricating machine operators,
n.e.c. (7339, 7539 )
719 . Molding and casting machine
operators (7315, 7342,
723 . Metal plating machine operators
( 7343,7543 )
724 . Heat treating equipment operators
(7344, 7544 )
725 . Misc.metal and plastic processing
machine operators (7349,
mach
$7549)$
726 . Wood athe, routing, and planing
machine oper ators 7431,
$7432,7631,76321$
727 : Sawing machine operators (7433,
28. Shaping and joining machine
operators (7435,7635)
Nailing and tacking machine
operators ( 7636 )
733. Miscellaneous woodworking machine
operators
7634,7639 (74, $7439, ~$
734 . Printing press operators (7443,
76431
735 . Photoengravers and I ithographers
$(6842,7444,7644)$
ypesetters and compositors
( 6841,7642 )
737 . Miscellaneous printing machine
. operators (6849, 7449, 7649)
Winding and twisting machine
operators (7451, 7651 )
739 . Knitting, looping, taping, and
weaving machine operators

- 7655 ) e sewing machine operators
47 . Pressing machine operators (7657)
748 .Laundering and dry cleaning
machine operators (6855,
. 7658 )
SIZE BEGIN

DATA

| V | 749 | Miscellaneous textile machine |
| :---: | :---: | :---: |
| V |  | operators (7459,7659) |
| V | 753 | Cementing and gluing machine |
| V |  | operators (7661) |
| V | 754 | Packaging and filling machine |
| V |  | operators (7462, 7662) |
| V | 755 | Extruding and forming machine |
| V |  | operators (7463, 7663) |
| V | 756 | Mixing and blending machine |
| V |  | operators (7664) |
| V | 757 | Separating, filtering, and |
| V |  | clarifying machine |
| V |  | operators (7476, 7666, 7676) |
| V | 758 | Compressing and compacting |
| V |  | machine operators (7467, |
| V |  | 7667 |
| V | 759 | Painting and paint spraying |
| V |  | machine operators (7669) |
| V | 763 | Roasting and baking machine |
| V |  | operators, food (7472, 7672 ) |
| V | 764 | Washing, cleaning, and pickling |
| V |  | machine operators (7673) |
| V | 765 | Folding machine operators (7474, |
| V |  | 7674 ) |
| V | 766 | Furnace, kiln, and oven |
| V |  | operators, except food |
| V |  | ( 7675 ) |
| V | 768 | Crushing and grinding machine |
| V |  | operators (part 7477, part |
| V |  | 7677) |
| V | 769 | Slicing and cutting machine |
| V |  | operators (7478, 7678) |
| V | 773 | Motion picture projectionists |
| V |  | (part 7479) |
| V | 774 | Photographic process machine |
| V |  | operators (6863, 6868, 7671) |
| V | 777 | Miscellaneous machine operators, |
| V |  | n.e.c. (part 7479, 7665, |
| V |  | 76791 |
| V | 779 | Machine operators, not specified |
| V | 783 | Welders and cutters (7332, 7532, |
| V |  | $7714)$ |
| V | 784 | Solderers and brazers (7333, |
| V |  | 7533, 7717) |
| V | 785 | Assemblers (772, 774) |
| V | 786 | Hand cutting and trimming |
| V |  | occupations (7753). |
| V | 787 | Hand molding, casting, and |
| V |  | forming occupations (7754, |
| V |  | 7755 ) |
| V | 789 | Hand painting, coating, and |
| V |  | decorating occupations |
| V |  | (7756) |
| V | 793 | Hand engraving and printing |
| V |  | occupations (7757) |
| V | 795 | Miscell aneous hand working |
| V |  | occupations (7758, 7759) |
| V | 796 | Production inspectors, checkers, |
| V |  | and examiners (782, 787) |
| V | 797 | Production testers (783) |
| V | 798 | Production samplers and weighers |
| V |  | ( 784 ) |
| V | 799 | Graders and sorters, except |
| V |  | agricultural (785) |
| V | 803 | Supervisors, motor vehicle |
| V |  | operators (8111) |
| V | 804 | Truck drivers (8212-8214) |
| V | 806 | Driver-sales workers (8218) |
| V | 808 | Bus drivers (8215) |
| V | 809 | Taxicab drivers and chauffeurs |
| V |  | (8216) |
| V | 813 | Parking lot attendants (874) |
| V | 814 | Motor transportation occupations, |
| V |  | n.e.c. (8219) |
| V | 823 | Rail road conductors and |
| V |  | yardmasters (8113) |
| V | 824 | Locomotive operating occupations |
| V |  | (8232) |
| V | 825 | Rail road brake, signal, and |
| V |  | switchoperators (8233) |
| V | 826 | Rail vehicle operators, n.e.c. |
| V |  | (8239) |
| V | 828 | Ship captains and mates, except |
| V |  | fishing boats (part 8241, |
| V |  | 8242 ) |
| V | 829 | Sailors and deckhands (8243) |
| V | 833 | Marine engineers (8244) |

SIZE BEGIN
operators (7459, 7659 )
operators (7661)
Packaging and filling machine
operators (7462, 7662 )
operators (7463, 7663 )
756 . Mixing and blending machine
operators (7604
separating, fitering, and
clarifying machine
Compressing and compacting
machine operators (7467,
Painting and paint spraying
machine operators (7669)
Roasting and baking machine
operators, food $\begin{aligned} & \text { Washing, cleaning, and pick ing }\end{aligned}$
machine operators' (7673)
76741
Furnace,
(7675)

Crushing and grinding machine
7677 ) 0 s (part 7477, par
Slicing and cutting machine
operators (7478, 7678)
Motion picture projectionists
Photographi
operators (6863, 6868,7671 )
n.e.c. (part 7479, 7665,

76791
Machine operators, not specified
77141
7533 er ers and brazers (7333.
Assemblers (772 774 )
Hand cutting and trimming
Hand molding, casting, and
forming occupations 17754 , 7755 )
Hand painting, coating, and
decorating occupations
(7756)

Hand engraving and printing occupations (7757)
occupations (7758, 7759)
Production inspectors, checkers,
Production testers (783)
Production samplers and weighers (784)
agricultural (785) (7, except
supervisors, motor vehicle operators (8111)
804 . Truck drivers (8212.8214)
808 Drver-sales workers (8218)
809 . Taxicab drivers and chauffeurs (8216)

Motor transportation occupations, n.e.c. (8219)

823 Rai road conductors and

- domasters (8113

825 Railroad brake, signal, and
826 . Rail vehicle operators, n.e.c
(8239)
fishing boats (part 8241,
8242
829. Sailors and deckhands (8243)

Marine engineers (8244)






DATA
SIZE BEGIN
received from his or her business in this month? Universe=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
1:50000:Dollars

## EPARTB11 4 1091

SS: person number of partner 1
Which person in the household is a partner in the respondent's business? Universe=Al persons $15+$ at the end of the reference period who had a business during the reference period with a partner in the household EPOPSTAT = 1 and EPDJ BTHN $=1$ and EBUSCNTR $>0$ and EHPRTB1 =1
101: 999. Person number of partner
g9g9. Unable to identify person number of partner
-1 . Not in universe
EPARTB21 41095
BS: person number of partner 2
Which other person in the household is a partner in the respondent's business?
Universeall persons $15+$ at the end of the reference period who had a business during the reference period with a partner in the household EPOPSTAT = 1 and EPDIBTHN = 1 and EBUSCNTR $>0$ and EHPRTBI =1
101: 999. Person number of partner
9999. Unable to identify person number of partner
-1.Not in universe
EPARTB31 41099
BS: person number of partner 3
Which other person in the household is a partner in the respondent's business?
Universeall persons $15+$ at the end of the reference period who had a business during the referenceperiod with a partner in the household EPOPSTAT $=1$ and EPDJ BTHN $=1$ and EBUSCNTR $>0$ and EHPRTBI =1
101: 999. Person number of partner
9999. Unable to identify person number
-1. Not in universe
TBSIND1 ${ }^{2} 1103$
BS: Industry code
Universe=All persons $15+$ at the end of the reference person who had a business during the reference period. EPOPSTAT = 1 and EPDJBTHN = 1 and EBUSCNTR >0

1. Agriculture, forestry and
fisheries
$\lll \lll \lll \lll \lll \lll \ll$
What was the total amount of income...

Construction
Manufacturing: nondurable goods
Manufacturing: durable goods
Transportation, communications and other public utilities
. Wholesale Trade: durable goods Wholesale trade: nondurable goods Retail trade
Finance, insurance and real estate
Business and repair services
Personal services
. Entertainment and recreation services
14 . Professional and related services
15 . Public administration
-1. Not i n universe


DATA

SIZE BEGIN
scientists (171)
Operations and systems
researchers and analysts
(172)

66 Actuaries (1732)
Statisticians (1733)
Mathematical scientists, n.e.c. (1739)

Economics teachers $(2218)$
History teachers (2222)
Physi
18431
Chemists, except biochemists
(1845)

At mospheric and space scientists ( 1846 )
Geologists and geodesists (1847)
physical scientists, n.e.c. (1849)
Agricultural and food scientists
(1853)

Biological and life scientists
(1854)

Forestry and conservation
scientists. 1852 )
Medical scientists (1855)
Physicians 261
Dentists (262)
Veterinari ans (27)
Optometrists $\left(\begin{array}{ll}2 & 81) \\ \text { podiatrists } \\ 2 & 8 \\ 3\end{array}\right)$
Health diagnosing practitioners.
n.e.c. (289)

Registered nurses (29)
Pharmacists (301)
Dietitians (302)
Respiratory therapists $(3031)$
Occupational therapists (3032)
physical therapists (3033)
Speech therapists (3034)
Therapists, n.e.c. $\quad(3039)$
Physiciansi assistants (304)
Earth, environmental, and marine sarth, environment ance teachers $(2212)^{2}$
Biologicalscience teachers (2213)
Chemi stry teachers (2214)
Physics teachers (2215)
Natural science teachers, n.e.c. (2216)

Psychology teachers ( 2217 )

Political science teachers (2223)
Sociology teachers (2224)
$50 c 1$
$(2225)$
Engineering teachers (2226)
Math. science teachers (2227)
Computer science teachers (2228)
Medical science teachers (2231)
Health specialties teachers (2232)
Business, commerce, and marketing
teachers (2233)
Agriculture and forestry teachers
$(2234)$ and music teachers
Art
$(2235)$
physical education teachers (2236)
Education teachers (2237)
Englísh teachers (2238)
Foreign language teachers (2242)
Law teachers (2243)
Social work teachers (2244)
Theology teachers. (2245)
Trade and industrial teachers (2246)

Home economics teachers (2247)
Teachers, postsecondary, n.e.c.
(2249)

Postsecondary teachers, subject
not specified
Feachers, prekindergarten and
Teachers, el ementary school (232)
$\begin{array}{ll}\text { Teachers, secondary school } & (233) \\ \text { Teachers, } & \text { special education } \\ 2 & 35)\end{array}$

Counselors, Educational and
Librarians $4 \begin{array}{ll}\text { Li }\end{array}$

## SIZE BEGIN

165
Archivists and curators (25
Economists (1912)
Psychologists (1915)
168
Soc ologists (1916)
social scientists, n.e.c. (1913,
1914, 1919)
173
Urban planners (192)
174 . Social workers (2032)
75. Recreation workers (2033)
176.Clergy (2042)
177. Religious workers, n.e.c. (2049)

178 . Lawyers and . udges (211, 212)

184 . Technical writers (398)
185 . Designers (322)
186 . Musicians and composers (323)
87. Actors and directors (324)
. Painters, sculptors,
craft-artists, and artist
print makers (325)
189
193

## (393)

Computer programmers (3971, 3972)
Too programmers, numerica
control (3974)
Legal assistants (396)
Technicitans, n.e.c. (399)
supervisors and proprletors.
sates occupations (40)
53. nsurance sales occupations (4122)

Real estate sales occupations (4123)

255 Securities and financial services
sales occupations (4124)
Advertising and related sales
occupations (4153)
257 . Sales occupations, other business
services (4152)
258
Sales representatives, mining, manufacturing, and
manufacturing, and
263 Sales workers, mot vehicles and
boats (4342, 4344)
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)
sales workers, hardware and building supplies (4353)

DATA

| V | 269 | Sales workers, parts (4367) |
| :---: | :---: | :---: |
| V | 274 | Sales workers, other commodities |
| V |  | (4345, 4347, 4354, 4356, |
| V |  | 4359, 4362, 43691 |
| $V$ | 275 | Sales counter clerks (4363) |
| V | 276 | Cashiers (4364) |
| V | 277 | Street and door-to-door sales |
| V |  | workers (4366) |
| V | 278 | News vendors (4365) |
| V | 283 | Demonstrators, promoters and |
| V |  | models, sales (445) |
| V | 284 | Auctioneers (447) |
| V | 285 | Sales support occupations, n.e.c. |
| V |  | ( $444,446,449)$ |
| V | 303 | Supervisors, general office |
| V |  | (4511, 4513, 4514, 4516, |
| V |  | 4519, 45291 |
| V | 304 | Supervisors, computer equipment |
| V |  | operators (4512) |
| V | 305 | Supervisors, financial records |
| V |  | processing (4521) |
| V | 306 | Chief communications operators |
| V |  | (4523) |
| V | 307 | Supervisors, distribution, |
| V |  | scheduling, and adjusting |
| V |  | clerks (4522, 4524-4528) |
| V | 308 | Computer operators (4612) |
| V | 309 | Peripheral equipment operators |
| V |  | (4613) |
| V | 313 | Secretaries (4622) |
| V | 314 | Stenographers (4623) |
| V | 315 | Typists (4624) |
| V | 316 | Interviewers (4642) |
| V | 317 | Hotel clerks 4643 ) |
| V | 318 | Transportation ticket and |
| V |  | reservation agents (4644) |
| V | 319 | Receptionists (4645) |
| V | 323 | Information clerks, n.e.c. (4649) |
| V | 325 | Classified-ad clerks (4662) |
| V | 326 | Correspondence clerks (4663) |
| V | 327 | Order clerks (4664) |
| V | 328 | Personnel clerks, except payroll |
| V |  | and timekeeping (4692) |
| V | 329 | Libraryclerks (4694) |
| V | 335 | File clerks (4696) |
| V | 336 | Records clerks (4699) |
| V | 337 | Bookkeepers, accounting, and |
| V |  | auditing clerks (4712) |
| V | 338 | Payroll and timekeeping clerks |
| V |  | (4713) |
| V | 339 | Billing clerks (4715) |
| V | 343 | Cost and rate clerks (4716) |
| V | 344 | Billing, posting, and calculating |
| V |  | machine operators (4718) |
| V | 345 | Duplicating machine operators |
| V |  | (4722) |
| V | 346 | Mai preparing and paper handling |
| V |  | machine operators (4723) |
| V | 347 | Office machine operators, n.e.c. |
| V |  | (4729) |
| V | 348 | Telephone operators (4732) |
| V | 353 | Communications equipment |
| V |  | operators, n.e.c. (4733, |
| V |  | 47391 |
| V | 354 | Postal clerks, except mail |
| V |  | carriers (4742) |
| V | 355 | Mail carriers, postal service |
| V |  | (4743) |
| V | 356 | Mail clerks, except postal |
| V |  | service (4744) |
| V | 357 | Messengers (4745) |
| V | 359 | Dispatchers (4751) |
| V | 363 | Production coordinators (4752) |
| V | 364 | Traffic, shipping, and receiving |
| $V$ |  | clerks (4753) |
| V | 365 | Stock and inventory clerks (4754) |
| V | 366 | Meter readers (4755) |
| V | 368 | Weighers, measurers, checkers, |
| V |  | and samplers (4756, 4757) |
| $V$ | 373 | Expediters (4758) |
| $V$ | 374 | Material recording, scheduling, |
| V |  | and distributing clerks, |
| V |  | n.e.c. (4759) |
| V | 375 | I nsurance adjusters, examiners, |
| V |  | and investigators (4782) |
| V | 376 | I nvestigators and adjusters, |
| V |  | except insurance (4783) |

SIZE BEGIN
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
. household (506)
407 . Private household cleaners and
servants (502, 507, 509)
413. Supervisors, firefighting and
fire prevention
occupations(5111)
414 . Supervisors, police and
detectives (5112)
415. Supervisors, guards (5113)
415
416
417. Firefighting occupations (5123)
418 . Police and detectives, public
423
424. Correctional inctictution officers
Correctional institution officers
(5133)
425 . Crossing guards (5142)
426 . Guards and police, except public
. service (5144)
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
rol cot ed 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 . Eanitors and cleaners (5244)
454 . Elevator operators 5245$)$
454 . El evator 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
462 . Ushers $\left(\begin{array}{l}5 \\ 5 \\ 5\end{array} 2565\right)$
463 . Pubi ic transportation attendants
( 5257 )
464 . Baggage porters and bellhops
465 . Welfare service aides (5263)
466 . Family child care providers (part
.5264 )
467 . Early childhood teacher's
468 . Child care workers, n.e.c. (part
. 52641
469 . Personal service occupations,
n.e.c. (5258, 5269)
DATA

549

553 . Supervisors, brickmasons,
( 5512.5514 )
Horticultural specialty farmers
(5515)

Managers farms except
horticultural (5522-5524)
Managers, horticultural specialty
farms (5525)
Supervisors, farmworkers (5611)
Farm workers (5612-5617)
Marine life cultivation workers (5618)

Nursery workers (5619)
Supervisors, related agricultural
occupations' (5621)
Groundskeepers and gardeners.
except farm (5622)
Ani mal caretakers, except farm
( 5624 )
Graders and sorters, agricultural
products (5625)
nspectors, agricultural products (5627)

Supervisors, forestry and logging
workers
workers (571)
Forestry workers, except logging
$(572)$
(572)

Timber cutting and logging
occupations (573, 579
Captains and other officers,
fishing vessels (part 8241)
Fishers (583)
Hunters and trappers (584)
Supervisors, mechanics and
repairers (60)
5. Automobile mechanics (part 6111)

Auto mechanic apprentices (part
6111)

Bus truck, and stationary engine
mechanics (6112)
. Aircraft engine mechanics (6113)
Smal engine repairers (6114)
Aut omobile body and related
repairers (6115)
Aircraft mechanics, except engine
(6116)

Heavy equipment mechanics (6117)
Farm equipment mechanics (6118)
Industria machinery repairers
(613)

Mach
614 )
Electronic repairers
communications and
industrial equipment (6151,
6153, 6155)
Data'processing equipment
repairers (6154)
Hhld appliance and power tool
repairers (6156)
Tepephone line nstallers and
repairers (6157)
$\begin{array}{cc}\text { Tepephone } & \text { insta } \\ \text { repairers } \\ 6158)\end{array}$ Iers and
repairers (6158)
electronic equipment
repairers (6152, 6159)
(616)

Camer a, watch, and musical
instrument repairers (6171,
6172 )
Locksmiths and safe repairers (6173)

Office machine repairers (6174)
Mechanical controls and valve
repairers (6175)
Elevator installers and repairers (6176)

Mill wrights (6178)
Specified mechanics and
repairers, n.e.c. (6177,
$6179)$
61791

SIZE BEGIN
Farmers, except horticultural

| DATA |  | SIZE BEGIN |
| :---: | :---: | :---: |
| V |  | stonemasons, and tile |
| V |  | - setters (6312) |
| V | 554 | . Supervisors carpenters and |
| V |  | -related workers (6313) |
| V | 555 | . Supervisors, electricians and |
| V |  | - power transmission |
| V |  | - Installers (6314) |
| V | 556 | . Supervisors, painters. |
| $V$ |  | - paperhangers, and |
| $V$ |  | . plasterers (6315) |
| V | 557 | . Supervisors, pl umbers, |
| V |  | - pipefitters, and |
| V |  | . steamfitters (6316) |
| V | 558 | - Supervisors, construction, n.e.c. |
| V |  | . (6311, 6318) |
| $V$ | 563 | - Brickmasons and stonemasons (part |
| $V$ |  | .6412, part 6413) |
| V | 564 | - Brickmason and stonemason |
| $V$ |  | . apprentices (part 6412, |
| V |  | . part 6413) |
| V | 565 | . Tile setters, hard and soft (part |
| V |  | . 6414, part 6462) |
| V | 566 | - Carpet installers (part 6462) |
| V | 567 | - Carpenters (part 6422) |
| V | 569 | - Carpenter apprentices (part 6422) |
| V | 573 | - Drywal installers (6424) |
| V | 575 | . Electricians (part 6432) |
| V | 576 | . Electrician apprentices (part |
| $V$ |  | . 6432) |
| V | 577 | . Electrical power installers and |
| V |  | - repairers (6433) |
| V | 579 | . Painters, construction and |
| V |  | . maintenance (6442) |
| V | 583 | - Paperhangers (6443) |
| V | 584 | - Plasterers (6444) |
| V | 585 | . Plumbers, pipefitters, and |
| V |  | . steamfitters (part 645) |
| V | 587 | . Plumber, pipefitter, and |
| V |  | - steamfitter apprentices |
| V |  | - (part 645) |
| V | 588 | - Concrete and terrazzo finishers |
| V |  | - (6463) |
| V | 589 | - Glaziers (6464) |
| V | 593 | - Insulation workers (6465) |
| V | 594 | - Paving, surfacing, and tamping |
| V |  | - equipment operators (6466) |
| V | 595 | . Roofers (6468) |
| V | 596 | - Sheet metal duct installers (6472) |
| V | 597 | - Structural metal workers (6473) |
| V | 598 | - Drillers, earth (6474) |
| V | 599 | - Construction trades, nie.c. |
| V |  | - (6467, 6475, 6476,6479) |
| V | 613 | - Supervisors, extractive |
| V |  | - occupations (632) |
| V | 614 | . Drillers, oil well (652) |
| V | 615 | . Explosives workers (653) |
| V | 616 | . Mining machine operators (654) |
| V | 617 | . Mining.occupations, n.e.c. (656) |
| V | 628 | . Supervisors, production |
| V |  | - occupations (67,71) |
| V | 634 | - Tool and die makers (part 6811) |
| V | 635 | - Tool and die mkr apprentices |
| V |  | - (part 6811) |
| V | 636 | - Precision assemblers, metal (6812) |
| V | 637 | . Machinists (part 6813) |
| V | 639 | . Machinist apprentices (part 6813) |
| V | 643 | - Boil ermakers (6814) |
| V | 644 | - Precision grinders, fillers, and |
| V |  | . tool sharpeners (6816) |
| V | 645 | . Patternmakers and model makers, |
| V |  | . metal (6817) |
| V | 646 | - Lay-out workers (6821) |
| V | 647 | - Precious stones and metals |
| V |  | . workers (Jewelers) (6822, |
| V |  | . 6866 ) |
| V | 649 | - Engravers, metal (6823) |
| V | 653 | . Sheet metal workers (part 6824) |
| V | 654 | . Sheet metal wrker apprentices |
| V |  | - (part 6824) |
| V | 655 | . Misc precision metal workers |
| V |  | . (6829) |
| V | 656 | . Patternmkrs and model makers, |
| V |  | wood (6831) |
| V | 657 | - Cabinet makers and bench |
| V |  | . carpenters (6832) |
| V | 658 | . Furniture and wood finishers |

DATA

SIZE BEGIN

659
666
667
668
669
674
075
75. Hand molders and shapers, except
jewelers (6861)
Patternmakers, lay-out workers,
and cutters $(6862$
677 . Optical goods workers (6864, part
7477, part 7677)
678 . Dental |aboratory and medical
appliance technicians (6865)
679 . Bookbinders (6844)
683 . Electrical/electronic equipment
assemblers (6867)
684
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
696
69
stone, and glass working 75291
717 . Fabricating machine operators, n.e.c. (7339, 7539)
719. Molding and casting machine
$\left.\begin{array}{l}\text { operators } \\ 7515,7542\end{array}\right) 7315,7342$,
723. Metal plating machine operators

724 . Heat treating equipment operators Heat treating
$(7344,7544)$
725. Mi sc metal and plastic processing machine operators (7349
7549 )
726 . Wood, athe, routing, and planing machine operators (7431. $7432,7631,76321$
727. Sawing machine operators (7433, 76331
728 . Shaping and joining machine operators (7435,7635)
729. Nailing and tacking machine
733. Miscellaneous woodworking machine $0 p e r a t o r s$
7634 (7439) 74339 ,
$7634,7639)$
734 . Printing press operators (7443, 7643)

735 . Photoengravers and lithographers

6
essing machine operators (7657) Laundering and dry cleaning - machine operators 6855 7658)
77 . Miscellaneous machine operators
n.e.c. (part 7479, 7665
7679
diver-sales workers (8218)
808 . Bus drivers (8215)





## SIPP 2001 WAVES 1 thru 9 CORE

dATA
SIZE BEGIN
gross receipts and expenses, during the reference period? Universe=All persons $15+$ at the end of the reference period who had two or more businesses during the reference period and this business was not incorporated. In addition, they either drew a salaryor received other proprietors and had a partner living in the same household. EPOPSTAT $=1$ and EPDJ BTHN =1 and EBUSCNTR $>1$ and EINCPB2 not equal to 1 and (ESLRYB2=1 or EOl NCB2=1) or (EPROPB2 not equal to 1 and EHPRTB2=1)
V.

```
5000:48150.Dollars
```

    APRFTB2 1169
    CS: Allocation flag for TPRFTB2
    
$\begin{array}{lrl} & \text { Allocationflagfor net profit or loss. } \\ V & 0 \text {. Not imputed } \\ V & 1 & \text { Statistical imputation(hot deck) } \\ V & 2 \text { Cold deckimputation } \\ V & 3 \text { Logical imputation(derivation) } \\ V & 4 . S t a t i s t i c a l o r ~ o g i c a l i m p u t a t i o n ~\end{array}$
$\begin{array}{lrl} & \text { Allocationflagfor net profit or loss. } \\ V & 0 \text {. Not imputed } \\ V & 1 & \text { Statistical imputation(hot deck) } \\ V & 2 \text { Cold deckimputation } \\ V & 3 \text { Logical imputation(derivation) } \\ V & 4 . S t a t i s t i c a l o r ~ o g i c a l i m p u t a t i o n ~\end{array}$
$\begin{array}{lrl} & \text { Allocationflagfor net profit or loss. } \\ V & 0 \text {. Not imputed } \\ V & 1 & \text { Statistical imputation(hot deck) } \\ V & 2 \text { Cold deckimputation } \\ V & 3 \text { Logical imputation(derivation) } \\ V & 4 . S t a t i s t i c a l o r ~ o g i c a l i m p u t a t i o n ~\end{array}$
$\begin{array}{lrl} & \text { Allocationflagfor net profit or loss. } \\ V & 0 \text {. Not imputed } \\ V & 1 & \text { Statistical imputation(hot deck) } \\ V & 2 \text { Cold deckimputation } \\ V & 3 \text { Logical imputation(derivation) } \\ V & 4 . S t a t i s t i c a l o r ~ o g i c a l i m p u t a t i o n ~\end{array}$


D TBMSUM2 51170
D TBMSUM2 51170
BS: Income received this month
What was the total amount of income
received from his or her business in this
month? Universe=All persons $15+$ at the end
of the reference period who had two or
more businesses during thereference
more businesses during thereference
period. EPOPSTAT $=1$ and EPD BTHN $=1$ and
EBUSCNTR > 1
V
1:50000: Dollars
ABMSUM2 ${ }^{1} 1175$ for TBMSUM2
ABMSUM2 ${ }^{1} 1175$ for TBMSUM2
Allocation flag for income received from
business this month.
0. Not imputed
2. Cold deck imputation
2. Cold deck imputation
4. Statisticapor or ogical imputation
using previous wave data
EPARTB12 41176
BS: Person number of partner 1
Which person in the household is a partner
n the respondent'si business?
Universe=All persons $15+$ at the end of the
reference period who had two or more
businesses during the reference period.
his business had a partner in the
household. EPOPSTAT = 1 and EPDJ BTHN $=1$
and EBUSCNTR > 1 and EHPRTB2 = 1
$\begin{array}{lll} \\ V & 101: g 9 g & \text {. Person number of partner } \\ V & \text { gigg }\end{array}$

of partner
- 1. Not intuniverse
D EPARTB22 41180
BS: person number of partner 2
Which other person in the household is a
partner in the respondent's business?
Universe=All persons $15+$ at the end of the
reference period who had two or more
businesses during the reference period.
This business had a partner in the
household. EPOPSTAT $=1$ and EPDJ BTHN $=1$
This business had a partner in the
and EBUSCNTR $>1$ and EHPRTB2 = 1












DATA
SIZE BEGIN
This business had a partner in the household EPOPSTAT = 1 and EPDI BTHN = 1
and EBUSCNTR > 1 and EHPRTB2 $=1$ 1

of partner
- 1. Not in universe
D TBSIND2 21188
T BS: Industry code
Universe $=A 1$ l persons $15+$ at the end of the
reference person who had $t$ wo or more
reference person who had two or more
businesses during the reference period.
businesses during the reference period.
EPOPSTAT = 1 and EPDJBTHN = 1 and EBUSCNTR
$>1$
1. Agriculture, forestry and
fisherites
Mining
2. Mining
. 50000 . None or not in universe
Allocation flag for TBMSUM2
$\lll \lll<$
> 1
$\lll \lll<$
. Construction
4 . Manufacturing: nondurable goods
5
5. Manufacturing: durable goods
6 . Transportation, communications
6 . Transportation communication
Wholesale Trade: durable goods
Whol esale trade: nondurable goods
Retal
Retailtrade
10. Finance, insurance and real estate
10. Finance, insurance andreal
. Business and repair services
Entertainment and recreation
services
14. Professional and related services
15 . Public administration
15 . Public administration
-1 . Not in universe
D ABSIND2
T BS: Allocationflag for TBSIND2
Allocation flag for business industry.
. Not imputed imputation(hot deck)

Logical imputation(derivation)
Statisticar or logical imputation
using previous wave data
using previous wave data
$\lll \lll$
TBSOCC2
BS: OCCupation code 1191
Universe=Alı persons $15+$ at the end of the
Universe=Al persons $15+$ at the end 0
reference period who had two or more
reference period who had two or more
businesses during the reference period.
EPOPSTAT = 1 and EPDIBTHN = 1 and EBUSCNTR
$>1$
4. Chief executives and general
. admininstrators, public
5. Administration (112)
5. Administrators and officials,
- public admi nistration
public admi
$1132-1139)$
6.Administrators, protective
Administrators, protective
services (1131)
7. Financial managers (122)
>
8: Personnel and Fabor relations
- managers (123)
9. Purchasing managers (124)
13. Manchasing managers (124)
- and publicrelations (125)
. Admind education an and rellated
Adit 15 situe
15 . Managers, medicine and health
Managers, medicine and healt
(131) Managers, food serving and
17 . Managers, food serving and
- odging establishments
$0 d g 1 n$
$1351)$
18 Managers properties and real
Managers $\quad$ properties and real
estate (1353)
19. Funeral directors (part 1359)
Funeral directors (part 1359)
Managers service organizations,
. n.e.c. (127, 1352,1354,

22. Managers and administrators,
n.e.c. (121, 126, 132-1343,
$136-139)$
23 : Accountants and auditors (1412)
24 . Underwiters (1414)
25 . Other financial officers (1415,
24 : Underwriters (1414) 25 Otherfinancial officers (1415,
26 . Management analysts (142)
118
125

SIZE BEGIN

1. Management related occupations,
n.e.c. (149)
2. Architects (161)
3. Aerospace engineers(1622)
4. Metallurgical and materials
engìneers (1623)
Mining engineers (1624)
Petroleum engineers (1625)
Chemical engineers (1626)
Nuclear engineers (1627)
Civil engineers (1628)
Agricultural engineers (1632)
Engineers, electrical and

- electronic (1633, 1636)
$\begin{array}{ll}\text { Engineers, } & \text { industrial } \\ \text { Engineers, } & \text { mechanical }\end{array}\binom{1634}{1635}$
Marine and naval architects (1637)
Engineers, n.e.c. (1639)
Surveyors and mapping scientists (164)

Operations and systems
researchers and analysts

- 172 )

66 . Actuaries (1732)
67 . Statisticians (1733)
Mat ematical scientists, n.e.c.
(1739)
. Physicists and astronomers (1842,
18431

89 . Health diagnosing practitioners
Registered nurses (29)
Pharmacists (301)
Pi etitians ( 302 )
Dietitians (302)
Respiratory therapists ( 3031 )
Occupational therapists (3032)
Physical therapists (3033)

106 . Physiciansi assistants (304
106 . Physicians assistants ( 304 )
113 . Earth, environmental, and marine
. Earth, environmental and marine
Science teachers (2212)
114. Biologicalscience teachers (2213)
115 . Chemi stry teachers (2214)
116. Physics teachers (2215)
117 Natural science teachers, n.e.c
- (2216)
Psychology teachers (2217)
119. Economi cs teachers (2218)
123 . History teachers (2222)
124 . Political science teachers (2223)
Sociology teachers (2224)

DATA

## (1845)

At mospheric and space scientists (1846)

Geologists and geodesists (1847)
Physical scientists, n.e.c. (1849)
Agricultural and food scientists
(1853)

Biological and life scientists
(1854)

Forestry and conservation
scientists (1852)
Medical scientists (1855)
Physicians (261)
Dentists 262 )
Veterinarians (27)
Optometrists (281)
Podiatrists (283)
Health diagnosing practitioners,
.e.c. 289
nurses (29)
Dietitians (302)
Respiratory therapists $(3031)$
Occupational therapists $(3032)$
Physical therapists (3033)
Speciser apist
Physicians' assistants (304)
science teachers (2212)
Biological science teachers (2213)
Physics chers (2215)
Natural science teachers, n.e.c.
(2216)

Economics teachers (2218)
Political science teachers (2223)
Sociology teachers (2224)

Social
$(2225)$
Engineering teachers (2226)
Math. science teachers (2227)
Computer science teachers (2228)
Medical science teachers (2231)
Health specialties teachers (2232)
Business, commerce, and marketing
teachers (2233)
Agriculture and forestry teachers (2234)

Art, drama, and music teachers
(2235)

Physical education teachers (2236)
Education teachers (2237)
English teachers (2238)
Foreign language teachers (2242)
Law teachers (2243)
Social work teachers (2244)
Theology teachers (2245)
Trade and industrial teachers (2246)

Home economics teachers (2247)
Teachers, postsecondary, n.e.c. (2249)

Postsecondary teachers, subject not specified
Teachers, prekindergarten and
kindergarten (231)
Teachers, elementary school (232)
Teachers, secondary school (233)
Teachers, special education (235)
Teachers, n.e.c. (236, 239)
Counselors, Educational and
Vocational
Librarians $\left(\begin{array}{l}24) \\ 251)\end{array}\right.$
Archivists and curators (252)
Economists (1912)
Psychologists (1915)
Social scientists, n.e.c. (1913, 1914, 1919)
Urban planners
soci al workers $\left\{\begin{array}{l}192 \\ 203\end{array}\right.$
Recreation workers (2033)
Clergy (2042)
Religious workers, n.e.c. (2049)
Lawyers and fudges (211, 212)
Authors (321)
Technical writers (398)
Designers (322)
Musicians and composers (323)
Actors and directors (324)
Painters, sculptors.
craft-artists and artist
print makers (325)
Photographers (326)
Dancers (327)
Artists, performers, and related
workers, n.e.c. $(328,329)$
Editors and reporters (331)
publicrelations specialists (332)
Announcers (333)
Athletes (34)
Clinical laboratory technologists and technicians (362)
Dental hygienists (363)
Healthrecord technologists and
technicians (364)
Radiologic technicians (365)
Licensed practical nurses (366)
Health technologists and
technicians, n.e.c. ( 369 )
electrical and electronic
technicians (3711)
Industrial engineering
technicians (3712)
215 . Mechanical engineering
Engineering technicians, n.e.c.
(3719)

Drafting occupations (372)
Surveying and mapping technicians (373)
223. Biological technicians (382)
224. Chemical technicians (3831)

225 . Science technicians, n.e.c.

| DATA |  | SIZE BEGIN | dATA |
| :---: | :---: | :---: | :---: |
| V |  | (3832, 3833, 384, 389) | V |
| V | 226 | . Airplane pilots and navigators | $V$ |
| V |  | . ( 825 ) | V |
| V | 227 | . Air traffic controllers (392) | V |
| V | 228 | - Broadcast equipment operators | V |
| V |  | - (393) | V |
| V | 229 | - Computer programmers (3971, 3972) | V |
| V | 233 | - Too programmers, numerical | V |
| V |  | . control (3974) | V |
| V | 234 | . Legal assistants (396) | V |
| V | 235 | . Technicians, n.e.c. (399) | V |
| V | 243 | . Supervisors and proprietors, | V |
| V |  | . sales occupations (40) | V |
| V | 253 | . Insurance sal es occupations (4122) | V |
| V | 254 | - Real estate sales occupations | V |
| V |  | . (4123) | V |
| V | 255 | - Securities and financial services | V |
| V |  | . sales occupations (4124) | V |
| V | 256 | . Advertising and related sales | V |
| V |  | - occupations (4153) | V |
| V | 257 | . Sales occupations, other business | V |
| V |  | - services (4152) | V |
| V | 258 | . Sales engineers (421) | V |
| V | 259 | . Sales representatives, mining, | V |
| V |  | - manufacturing, and | V |
| V |  | - wholesale (423, 424) | V |
| V | 263 | . Sales workers, motor vehicles and | V |
| V |  | . boats (4342, 4344) | V |
| V | 264 | . Sales workers, apparel (4346) | V |
| V | 265 | . Sales workers, shoes (4351) | V |
| V | 266 | - Sales workers, furniture and home | V |
| V |  | - furnishings (4348) | V |
| V | 267 | . Sales workers, radio. TV, hi-fi, | V |
| V |  | . and appliances (4343, 4352) | V |
| V | 268 | . Sal es workers, hardware and | V |
| V |  | . building supplies (4353) | V |
| V | 269 | . Sales workers, parts (4367) | V |
| V | 274 | . Sales workers, other commodities | V |
| V |  | . $4345,4347,4354,4356$, | V |
| V |  | . $4359,4362,4369)$ | V |
| V | 275 | . Sales counter clerks (4363) | V |
| V | 276 | - Cashiers (4364) | V |
| V | 277 | . Street and door-to-door sales | V |
| V |  | . workers (4366) | V |
| V | 278 | - News vendors (4365) | V |
| V | 283 | . Demonstrators, promoters and | V |
| V |  | . models, sales (445) | V |
| V | 284 | . Auctioneers (447) | V |
| V | 285 | - Sal es support occupations, n.e.c. | V |
| V |  | . (444, 446, 449) | V |
| V | 303 | - Supervisors, general office | V |
| V |  | , (4511, 4513, 4514,4516 , | V |
| V |  | . 4519,4529 ) | V |
| V | 304 | - Supervisors, computer equipment | V |
| V |  | - operators (4512) | V |
| V | 305 | - Supervisors, financial records | V |
| V |  | . processing (4521) | V |
| V | 306 | - Chief communications operators | V |
| V |  | . (4523) | V |
| V | 307 | . Supervisors, distribution, | V |
| V |  | . scheduling, and adjusting | V |
| V |  | . clerks (4522, 4524-4528) | V |
| V | 308 | - Computer operators (4612) | V |
| V | 309 | - Peripheral equipment operators | V |
| V |  | - (4613) | V |
| V | 313 | - Secretaries (4622) | V |
| V | 314 | - Stenographers (4623) | V |
| V | 315 | . Typists $(4624)$ | V |
| V | 316 | . Interviewers (4642) | V |
| V | 317 | - Hotel clerks 4643 | V |
| V | 318 | - Transportation ticket and | V |
| V |  | - reservation agents (4644) | V |
| V | 319 | - Receptionists (4645) | V |
| V | 323 | - Information clerks, n.e.c. (4649) | V |
| V | 325 | - Classified-ad clerks (4662) | V |
| V | 326 | - Correspondence clerks (4663) | V |
| V | 327 | - Order clerks (4664) | V |
| V | 328 | . Personnel clerks, except payroll | V |
| V |  | - and timekeeping (4692) | V |
| V |  | - Libraryclerks (4694) | V |
| V | 335 336 | . Fileclerks (4696) | V |
| V | 336 337 | - Records clerks (4699) | V |
| V | 337 | - Bookkepers, accounting, and | V |
| V |  | . auditing clerks (4712) | V |
| V | 338 | - Payroll and timekeeping clerks | V |
| V |  | . (4713) clerks (4715) | V |
| V | 339 | . Billing clerks (4715) | V |

Airplane pilots and navigators
Air traffic controllers (392)
Broadcast equipment operators
(393)

- Computer programmers (3971, 3972)
control (3974)
Legal assistants (396)
. Supervisors and proprietors,
sales occupations (40)

53. Insurance sales occupations (4122)

Real estate sales occupations
(4123)
services
sales occupations (4124)
Advertising and related sales
Sales occupations, other business
services (4152)
Sales representatives, mining,
manufacturing, and
Sales workers, motor vehicles and
boats (4342, 4344)
Sales workers, apparel (4346)
Sales workers, furniture and home
furnishings (4348)
. Sales workers, radio, TV, hi-fi,
Sales workers, hardware and
building supplies (4353)
Sales workers, other commodities
(4345, 4347, 4354, 4356
4359, 4362, 4369)
Sales counter clerks (4363)
Cashiers (4364)
workers (4366)
. Demonstrators, promoters and
models, sales (445)

- Sal es support occupations, n.e.c.
(444, 446, 449)
supros general office
4519,4529 )
operators (4512)
Supervisors, financial records
processing (4521)
(4523)
supervisors, distribution,
schedultngi, and adjusting
clerks (4522, 4524-4528)
. Computer operators (4612)
(4613)

Secretaries (4622)
stenographers (4623)
Typists
Interviewers
Hotel clerks $\binom{4642}{4643}$
Hotelclerks 4643 and
reservation agents (4644)

- Receptions

Classified-ad clerks (4662)(4649)
Correspondence clerks (4663)
Order clerks (4664)
Personnel clerks, except payroll
and mekeping (4692)
File clerks (4696)
Bookkeepers, accounting, and - auditing clerks (4712)
338. Payroll and timekeeping clerks
. Billiing clerks (4715)

SIZE BEGIN

403

443

379 General office clerks (463)
General officeclerks (463)
383 . Bank tellers
384 . Proofreaders $\binom{4791}{4792}$

Teachers aides (4795)
Administrative support
occupations, n.e.c. (4787,
4799
404 . Cooks private household (50
405 . Housekeepers and butlers 505 )
406 . Child care workers, private household ( 506 )

Cooks 5214, 5215 )
Food counter, fount ain and
439 . Kitchen workers, food prep
Cost and rate clerks (4716)
Billing, posting, and calculating machine operators (4718)
Duplicating machine operators
(4722)

Mail preparing and paper handling
machine operators (4723)
(4729)

Tompone operators (4732
operators, n.e.c. (4733,
47391
Postal clerks, except mail
carriers (4742)
(4743)

Mail clerks, except postal
service (4744)
Messengers $(4745)$
Dispatchers $(4751)$
Production coordinators (4752)
Traffic, shipping, and receiving
cerks 4753
stock and inventory clerks (4754)
Meter readers 4755
Weighers, measurers, checkers,
and samplers (4756, 4757)
Expediters (4758)
Mand recording, scheduling,
and distributing clerks.
n.e.c. (4759)
and ane
Investigators and adjusters,
except insurance (4783)
Eligibilityclerks, social
Bill and account collectors (4786)

Data entry keyers $(4793)$
Statistical cyerks $(4794)$
household (506)
Private household cleaners and
servants (502, 507, 509)
Supervisors, firefighting and
fire prevention
occupations (5111)
Supervisors, police and
detectives (5112)
Supervisors, guards (5113)
Fire inspection and fire
prevention occupations
(5122)

Frefighting occupations (5123)
solice and detectives, public
service (5132)
Sheriffs, bailiffs, and other law enforcement of ficers (5134)
Correctional institution officers
(5133)

Guards and police, except public
service. (5144)
Protective service occupations,
n.e.c. (5149)

Supervisors, food preparation and
service occupations (5211)
(5217)
$\binom{$ Wal }{$(5218)}$

SIZE BEGIN
444 . Miscellaneous food preparation
occupations (5219)
mechanics (6112)
Aircraft engine mechanics (6113)
. Small engine repairers (6114)
Automobile body and related
repairers (6115)

Dental assistants (5232)
Health aides, except nursing (5233)

Nursing aides orderlies, and attendants (5236)
Supervisors, cleaning and
building service workers (5241)

Maids and housemen (5242, 5249)
danitors and cleaners (5244)
El evator operators (5245)
pest control occupations (5246)
Supervisors, personal service
occupations (5251)
Barbers (5252)
Hairdressers and cosmetologists ( 5253 )
Attendants, amusement and
recreation facilities (5254)
Guides $\quad 5255$ )
Public transportation attendants
(5257)

Baggage porters and bellhops
52621
Welfare service aides (5263)
Family child care providers (part
5264
Early childhood teacher
assistants (part 5264)
Child care workers, n.e.c. (part 52641
Personal service occupations,
n.e.c. (5258, 5269 )

Farmers, except horticultural
(5512-5514)
Horticultural specialty farmers (5515)

Managers, farms, except
horticultural (5522-5524)
Managers, horticultural specialty farms 5525 )
. Supervisors, farm workers (5611)
. Farm workers (5612-5617)
. Marine Iife cultivation workers (5618)

Nursery workers (5619)
. Supervisors, related agricultural occupations 5621
Groundskeepers and gardeners,
except farm (5622)
Ani mal caretakers, except farm ( 5624 )
Graders and sorters, agricultural products (5625)
nspectors, agricultural products super
supervisors, forestry and logging
workers (571)

- Forestry workers, except logging (572)

Timber cutting and logging
occupations (573, 579)
Captains and other of ficers.
fishing vessels (part 8241)
Fishers (583)
. Hunters and trappers (584)
Supervisors, mechanics and
repairers (60)
Auto mechanic apprentices (part
6111)
mechanics (6112)
Small engine repairers (6114)
Aut omobile body and rel at ed
repairers (6115)

- Aircraft mechanics, except engine (6116)
. Farm equipment mechanics (6118) (613)
. Machinery maintenance occupations

SIZE BEGIN

569 Carpenter apprentices (part 6422)
573 . Drywal ! installers (6424)
575 . El ectricians (part 6432)

596 . Sheetmetal duct installers (6472)
597 . Structural metal workers ( 6473 )
598 . Drillers, earth (6474)
599. Construction trades, n.e.c.
$(614)$
Elect
ctronic repairers
industrial equipment (6151,
6153,6155 ) equipment (6151,
Data processing equipment
repairers $(6154)$ repairers (6154)
repairers (6156)
Telephone i ine installers and
repairers (6157)
Telephone installers and
repairers 6158
electronic equipment
repairers (6152, 6159)
. Heating, air conditioning, and refrigeration mechanics
(616)

Camer a, watch, and musical
instrument repairers $\quad 6171$,
instr
61721
Locksmiths and safe repairers
Office machine repairers (6174)
Mechanical controls and valve
repairers (6175)
El evator installers and repairers (6176)
(6178)
specir ed mechanics and
repairers, n.e.c. (6177
6179)
. Not specified mechanics and
repairers
Supervisors, brickmasons
stonemasons, and tile
setters (6312)
Supervisors carpenters and related workers (6313)
Supervisors, electricians and
power transmission
installers (6314)
Supervisors, painters.
paperhangers'and
Supervisors, plumbers.
pipefitters, and
steamfitters (6316)
steamfitters (6316)
Supervisors, construction, n.e.c.
Brickmasons and stonemasons (part
6412 part 6413)
Brickmason and stonemason
apprentices (part 6412,
part 6413)
Tile setters, hard and soft (part 6414, part 6462
Carpet installers (part 6462)
Carpenters (part 6422)

Electricians epartician apprentices)(par
$6432)$
electrical power installers and
repairers (6433)
Palnters, construction and
maintenance (6442)
Paperhangers (6443)
Plasterers (6444)
pumbers, pipefitters, and
steamfitters (part 645)
pumber, pipefitter, and
steamfitter apprentices
(part 645)
Concrete and terrazzo finishers (6463)

Gaziers 6464
nsulation workers 6465
Paving, surfacing, and tamping
equipment operators (6466)

| data |  | SIZE BEGIN | DATA |
| :---: | :---: | :---: | :---: |
| V |  | (6467, 6475, 6476, 6479) | V |
| V | 613 | Supervisors, extractive | V |
| V |  | occupations (632) | V |
| V | 614 | Drillers, oil well 652 ) | V |
| V | 615 | Explosives workers Mining machine operators | V |
| V | 617 | Mi ning occupations, n.e.c. (656) | V |
| V | 628 | Supervisors, production | $v$ |
| V |  |  | V |
| V | 635 | Tool and die mkr apprentices | V |
| V |  | (part 6811) | V |
| V | 636 | Precision assemblers, metal (6812) | V |
| V | 637 | Machinists (part 6813) | V |
| V | 639 643 | Machinist apprentices (part 6813) Boilermakers (6814) | V |
| V | 644 | Precision grinders, filers, and | V |
| V |  | tool sharpeners (6816) | V |
| V | 645 | Patternmakers and model makers, | V |
| v |  | meta 6817 ers 6821) | $v$ |
| V | 6646 | Lay-out workers (6821) | V |
| V |  | workers (jewelers) ( 6822 , | V |
| V |  | 6866) | V |
| V | 649 | Engravers, metal (6823) | V |
| V | 653 | Sheet metal workers (part 6824) | V |
| V | 654 | Sheet metal wrker apprentices | $v$ |
| V | 655 | misc precision metal workers | v |
| V |  | (6829) ${ }^{\text {a }}$ | V |
| V | 656 | Patternmkrs and model makers, | V |
| V |  | wood (6831) | V |
| V | 657 | Cabinet makers and bench | V |
| V | 658 | carpenters (6832) fich | V |
| V |  | (6835) | V |
| V | 659 | Misc precision woodworkers (6839) | V |
| V | 666 | Dressmakers (part 6852, part 7752) | $v$ |
| V | 667 | Tailors (part 6852 ) | V |
| V | 669 | Uphotsterers ${ }^{\text {Shoe repairers }}$ (6854) | V |
| V | 674 | Misc precision apparel and fabric | V |
| V |  | workers (6856, 6859, part | V |
| V | 675 | Hand molders and shapers, except | V |
| V |  | jewelers (6861) | V |
| V | 676 | Patternmakers lay-out workers, | V |
| V | 677 | Optical goods workers (6864, part | V |
| V |  | 7477 part 7677) | V |
| V | 678 | Dental laboratory and medical | V |
| V | 679 | Bookbinders (6844) | V |
| V | 683 | Electricallelectronic equipment | V |
| V | 684 | assembers ${ }_{\text {Msc }}$ erecision workers, n.e.c. | V |
| V | 684 | $\begin{aligned} & \text { Msc pry } \\ & (6869) \end{aligned}$ | V |
| V | 686 | Butchers and meat cutters (6871) | V |
| V | 687 | Bakers (6872) 6873 (6879) | V |
| V | 688 689 | Food batchmakers (6873, 6879$)$ | V |
| V |  | (6881.828) ${ }^{\text {a }}$ ( ${ }^{\text {a }}$ | V |
| V | 693 | Adjusters and calibrators (6882) | V |
| V | 694 | Water and sewage treatment plant | V |
| V | 695 | Power plant operators (part 693) | V |
| V | 696 | Stationary engineers (part 693, | V |
| V | 699 | Miscellaneous plant and system | v |
| V |  | operators (692, 694, 695, | V |
| V | 703 | Set-up operators I athe and | $v$ |
| V |  | turning machine ( 7312 ) | V |
| V | 704 | Operators, lathe and turning | V |
| V |  | machine (7512) | $v$ |
| V | 705 | Miorng and paning machine | v |
| V | 706 | Punching and stamping press | V |
| V |  | machine operators (7314, | $v$ |
| V |  | 7317, 7514, 7517) | V |
| V | 707 | Roling machine operators (7316, | V |
| V | 708 | Drilling and boring machine | V |
| V |  | operators (7318, 7518) | V |
| V | 709 | Grinding, abrading, buffing, and | V |
| V |  | polishing machine operators | V |

SIZE BEGIN

713

Forging machine operators (7319, 75191
Numerical control machine
operators (7326)
Miscell aneous metal, plastic,
stone, and glass working
machine operators $(7329$,

| machi |
| :--- |
| $7529)$ |

Fabricating machine operators.
Mo e.c. (7339, 7539)
Mording and casting machine

Metal plating machine operators (7343, 7543)
( 344 reating equipment operators
Misc metal and plastic processing machine operators (7349,
$7549)$
Wood I athe, routing, and planing machine operators (7431,
7432, 7631, 76321
Sawing machine operators (7433, 1633
Shaping and joining machine
operators (7435,7635)
Nailing and tacking machine operators (7636)
. Miscellaneous woodworking machine
0 operators (7434, 7439.
.7634, 1639
76431
Photoengravers and Iithographers
(6842, 7444,7644 )
typesetters and compositors 6841,7642)
Miscellaneous printing machine operators (6849, 7449, 7649)
Winding and twisting machine
Knitting, looping, taping, and weaving machine operators (7452, 7652 )
Textile cutting machine operators Textil e sewing machine operators (7655)

Shoe machine operators (7656)
Pressing machine operators (7657) Laundering and dry cleaning machine operators (6855.
7658)

Miscellaneous textile machine operators (7459,7659)
Cementing and giluing machine operators (7661)
Packaging and filling machine operators (7462, 7662)
Extruding and forming machine operators (7463, 7663)
Mixing and blending machine operators (7664)
separating, filtering, and clarifying machine
operators (7476, 7666, 7676)
compressing and compacting 7667
9 . Painting and paint spraying machine operators $(7669$
Roasting and baking machine
operators, food (7472, 7672)
Washing, cleaning, and pickling
machine operators (7673)
Folding machine operators (7474, 7674 )
operators, except food (7675) s, except food Cr
operators (part 7477 machine operators (part 7477, part 7671)
69. Slicing and cuttingmachine
operators (7478, 7678 )
motion picture projectionists
SIZE BEGIN

774
808 . Bus drivers (8215)
809. Taxicab drivers and chauffeurs
(8216)
Parking lot attendants (874)
14. Motor transportation occupations
n.e.c. ( 8219 )
fshing boats (part 8241.
8242 )

Construction laborers $(871)$
production helpers
( 861,862$)$
875 . Garbage collectors (8722)
876 . Stevedores (8723)
87
878
Photographic process machine
operators (6863, 6868, 7671 )
Miscellaneous machine operators néc. (part 7479, 7665,
7679
Machine operators, not specified
Welders and cutters (7332, 7532,
77141
Solderers and brazers (7333,
somblit
Assemblers (772, 774)
Hand cutting and trimming
occupations (7753)
Hand molding, casting, and
forming occupations 7754 , 7755 )
Hand painting, coating, and decorating occupations
7756
Hand engraving and printing occupations (7757)
. Miscell aneous hand working
occupations (7758, 7759)
Production inspectors, checkers
and examiners 1782,787
Production testers (783)
Production samplers and weighers (784)

Graders and sorters, except
agricultural (785)
Supervisors, motor vehicle
operators (8111)
operators 8111

- bus dr ivers (8215)
(8216)

Motor transportation occupations n.e.c. (8219)
. Railroad conductors and
yardmasters (8113)
Locomotive operating occupations (8232)

Railroad brake, signal, and
switch operators (8233)
Rail vehicle operators, n.e.c. (8239) 82421
Sailors and deckhands (8243)
Marine engineers 8244
Bridge, Iock, and lighthouse
tenders (8245)
. Supervisors, material moving
equipment operators 812 )
Operating engineers (8312)
. Longshore equipment operators (8313)

Hoist and winch operators $(8314)$
Crane and tower operators (8315)
Excavating and loading machine
operators 8316
Grader, dozer, and scraper
operators (8317)
Industrial truck and tractor
equipment operators (8318)
. Misc material moving equipment operators (8319)
64 . Supervisors, handlers, equipment
cleaners
n.e.c. $(85)$
Helpers, mechanics, and repairers (863)

Helpers, construction trades
(8641-8645, 8648)
Helpers, surveyor (8646)
. Helpers, extractive occupations (865)

Mach 8724
Machine feeders and offbearers
(part 7479 )


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SIPP 2001 WAVES 1 thru 9 CORE



7-57






## GI: Allocation flag for EALIYN

Allocation flag for $15 S$ Code 29 Alimony 0. Not imputed 2. Cold deck mputation 4. Statistical or logical imputation

EFSYN 2 2 1276
I: Receipt of food stamps (ISS Code 27) stamps get authorization to receive food Code 27 Universe=All persons aged 18 and over and persons aged 15 to 17 who are parents or guardians of children. ${ }^{1}$. Not in universe

AFSYN 1278




## SIPP 2001 WAVES 1 thru 9 CORE






## SIZE BEGIN

V
4. Statistical or Iogical imputation . using previous wave data

D ER13 21363
GI: Receipt of own sickness, accident
insurance payments
Did. receive income from payments from a sickness, accident or disability insurance policy purchased in... s own name in this month? ISS Code 13
Universe=Al persons $15+$ at the end of the
reference period indicating receipt of own insurance payments someti me during the reference period.
$\begin{array}{lll}V & -1 . N o t & \text { in universe } \\ V & \frac{1}{2} \text { Yes } & \end{array}$
D AR13 Allocation flag for ER13
AIIocation flag for ISS Code 13 Payments
froma sickness, accident or disabiltiy
insurance policy purchased in ...'s name
O . Not imputed

1. Statistical imputation (hot deck)
2. Cold deck imputation
3. Logical imputation (derivation)
. Statisticalor logical imputation using previous wave data

ER14 21366
Gl: Receipt of Employer Disability Payments
(ISS Code 14)
Did dreceive income fromemployer
disability payments in this month? ISS
Code 14 Universe=All persons $15+$ at the
end of the reference period indicating
receipt of employer disability payments
sometime during the reference period

1. Not in universe
2. Yes

1
2 . Yes
No

## AR14 1368

: Allocationflag for ER14
Allocation flag for ISS Code 14 Employer disability payments
0. Not imputed imputation (hot deck)
2. Statistical imputation (hot dec
4. St atisticalor or ogical imputation using previous wave data

ER15 ${ }^{2} 1369$
GI: Receipt of Severance Pay (ISS Code 15)
Did . receive income from severance pay In this month? I SS Code 15 Universe=Al persons $15+$ at the end of the reference period indicating receipt of severance pay sometime during the reference period.

1 . Not in universe
$\frac{1}{2}$. Yes
2 No
AR15 Allocation flag for ER15
GI: Al
Allocation flag for ISS Code 15 Severance pay

0 . Not imputed
1 . Statistical imputation (hot deck)
2 . Cold deck imputation
. Cold deck imputation
. Statistical or logical imputation using previous wave data
ER2O Receipt of publi
(ISSCode 2o)
Did... received any public assistance
payments such as AFCD or TANF in this
month? Universe=All persons $15+$ at the end of the reference period indicating receipt of public assistance payments sometime during the reference period.
-1 . Not


7-65


SIZE BEGIN
3. Logical imputation (derivation)
4. Statisticalor ogical mputation using previous wave data

ER29 21396
GI: Receipt of Ali mony Payments (ISS Code 29) Did $\quad$ receive income from al imony
payments in this month?
SS Code $2 g$
Universe=Al| persons 15 t at the end of the
reference period indicating receipt of
al mony payments sometime during the
reference period.
$\begin{array}{ll}-1 & \text { Not in universe } \\ 1 & \text { Yes } \\ 2 & \text {.No }\end{array}$
D AR29
T GI: Allocation flag for ER2g
Al|ocation flag for ISS Code 29 Alimony
payments
. Not imputed $\quad$ Statistical imputation (hot deck)
2. Statistical imputation

3 . Logical imputation (derivation)
4 on using previous wave data

D ER30 2 1399
T Gl: Receipt of pension from a company or union Did $\begin{gathered}\text { receive income from a pension from }\end{gathered}$ a company or union in this month? ISS Code 30 Universe=All persons $15+$ at the end of the reference period indicating receipt of pension income from a company or union sometimen during the reference period.

1. Not in universe Yes

AR30 1401
GI: Allocationflag for ER30
Allocation flag for ISS Code 30 Pension from company or union

1. Not . Statistical imputation (hot deck) Cold deck imputation
. Logical imputation.(derivation)
2. Statistica or logical imputation using previous wave data

D ER31 Receipt of Federal Civil Service Pension Did. receive income from a Federal Civil Service or other. Federal civilian employee pension in this month? ISSCode 31 Universe=All persons $15+$ at the end of the reference period indicating receipt of income from a Federal civili an employee pension sometime during the reference period.


D AR31 AI ocationfilag for ER31 Al|ocation f|ag for | SS Code 31 Federal Civil Service or other Federal civilian employee pensions


7-66







SIZE BEGIN
this month. EPOPSTAT $=1$ and ER21 = 1

1. 9 g 9 g . None or not in universe

D A21AmT 11545
GI: Allocation flag for T21AMT
Allocation flag for ISS Code 21 amount
General Assistance or General Relifef
$V$
$V$
$V$
$V$
$V$
$V$

cold deck mputation

- Logical imputation (derivation)
- Statistica or Iogical imputation using previous wave data
T23AMT $5 \quad 1546$
GI: Amount of foster child care payments (ISS Code 23)

Amount .. received from foster child care payments in this month. Universe=All
persons $15+$ at the end of the reference
period who received fosterchild care
payments in this month. EPOPSTAT = 1 and
V
V
D A23AMT 1551
GI: Allocation flag for T23AMT
Allocation flag for ISS Code 23 amount
Foster child care payments
2. Not i mputed ${ }^{2}$. Statistical imputation (hot deck)
2. Sold deck imputation
2. Logical imputation. (derivation)
4. Statistica or ogical imputation . using previous wave data

## T24AMT $5 \quad 1552$

GI: Amount of other welfare (ISS Code 24)
Amount. received from other welfare in
this month. Universe=All persons $15+$ at
the end of the reference period who
received other welfare in this month.
EPOPSTAT $=1$ and ER24 $=1$
V 1:99999. Amount in dollars underse
A24AMT 1
GI: Allocation flag for T24AMT
Allocation flag for ISS Code 24 amount
Other welfare
W. Not imputed
1 . Statistical imputation (hot deck)
2 . Cold deck mputation
3 . Logical imputation (derivation)
4 . Statisticapor ogocal imputation
. using previous wave data

T25AMT 51558
GI: Amount of WIC payments (ISS Code 25)
Amount $r e c e l v e d$ from WIC payments in
this month. Universe=All persons $15+$ at
the end of the reference period who
received wic payments in this month.
EPOPSTAT $=1$ and ER25 = 1
$\checkmark \quad 0$. None or not in universe

A25AMT 1
GI: Allocation flag for T25AMT
Allocation flag for ISS Code 25 amount WIC 0. Not imputed 1 . Statistical imputation (hot deck) 2. Cold deck imputation
3. Logical imputation (derivation)
. Statistica or logical imputation using previous wave data

D T26AMT $5 \quad 1564$
GI: Amount of pass-through child support payments

Amount . received frompass-through
child support payments in this month.
Universe=All persons $15+$ at the end of the
reference period who received pass-through
child support payments in this month.

DATA
SIZE BEGIN
EPOPSTAT $=1$ and ER26 $=1$


T27AMT

## 1570

T Gl: Amount of Food Stamps (ISS Code 27) Amount...received from food stamps in
this month. Universe=All persons $15+$ at
the end of the reference period who
received food stamps in this month.
EPOPSTAT $=1$ and ER27 = 1
1:99999: Amount in dollars
A27AMT 11575
GI: Allocation flag for T27AMT
Allocation flag for ISS Code 27 amount
Food stamps onot imputed
Statistical imputation (hot deck) Cold deck imputation
. Logical imputation (derivation)
Statisticalor ogical imputation using previous wave data
T28AMT
GI: Amount of child support payments (ISS
Code 28 )
Amount
received from child support
payments inthis 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
Universe=All persons $15+$ at the end of the
reference period who received child
support payments in this month. EPOPSTAT = 1 and ER28 = 1

1. 6000 . None or not in universe

V $\quad 1: 6000$. Amount in dollars
D A28AMT 1581
T GI: Allocation flag for T28AMT
Allocation flag for ISS Code 28 amount
Child support, payments
0. Not imputed
$\frac{1}{2}$. Statistical imputation
3. Cold deckimputation
3. Logical imputation (der
3. Logical imputation (derivation)
. Statisticalor ogical imputation using previous wave data
D T29AMT $\quad 5 \quad 1582$
T GI: Amount of al imony payments. (ISS Code 29)
Amount ... received from al imony 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. Universe=All persons $15+$ at the end of the reference period who received alimony payments in phis month. EPOPSTAT $=1$ and ER2g $=1$
V $\quad 1: 12840$. Amount or not in universe
D A29AMT 1
T GI: Allocation flag for T29AMT
Al ocation fIag for ISS Code 29 amount
Al i mony payments
$\begin{array}{lll}V & \text {. Not imputed } \\ V & 1 & \text { Statistical imputation (hot deck) } \\ V & 2 . C o l d \text { deckimputation } \\ V & 3 . L o g i c a l ~ i m p u t a t i o n ~(d e r i v a t i o n) ~\end{array}$


DATA
SIZE BEGIN
T GI: Amount of State government pension (ISS Code 34) Amount ... received from State government 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. reference period who received pension income from a state government inthis monthe. EPOPSTAT $=1$ and ER34 $=1$ $\stackrel{V}{V} \quad 1: 14320$. None or innt indollin universe

## D A34AMT 11611

T GI: Allocation flag for T34AMT
Allocation flag for ISS Code 34 amount State government pension


D T35AMT $\begin{aligned} & 5 \\ & \text { GI: Amount of } 1612\end{aligned}$
T Gl: Amount of local government pension (ISS
Code 35)
Amount ... received from a local
government 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 a mount. Universe=Al persons $15+$ at the end of the reference period who received pension income froma local government in

$\checkmark \quad 1: 17120$. None ort inot in in universe

## D A35AMT 11617

T GI: Allocation flag for T35AMT
Allocation flag for ISS Code 35 amount Local government pension


T36AMT 51618
Gl: Amount of income from paid-up life insurance policy

Amount ... received from paid-up life insurance policy or annuity 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. Universeall persons 15 t at the end of the reference period who received income fromatpaid-uplife insurance policy or annuity in this month. EPOPSTAT policy or annuity
$=1$ and ER36 $=1$
$V$ 1.17840. None or not in universe
1:17840. Amount in dollars
D A36AMT 11623
T GI: Allocation flag for T36AMT
Allocation flag for $15 S$ Code 36 amount
Income from paid-up life insurance



## SIPP 2001 WAVES 1 thru 9 CORE



SIZE BEGIN
the sum of the four months is greater than this max, each month is topcoded to one quarter of this amount. Universe=All persons $15+$ at the end of the reference period who received ump sum payments in his month. EPOPSTAT = 1 and ER52 = 1 64 . None or not in universe
1:640. Amount in dollars
A5 2 AMT 1 1667
: Allocation flag for T52AMT
Allocation flag for ISS Code 52 amount Lump sum payments

T53AMT 51668
T GI: Amount of income from roomers or boarders Amount ... received from roomers or
boarders 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.
Universe=Al persons $15+$ at the end of the reference period who received income from roomers or boarders in this month.
EPOPSTAT $=1$ and ER53 $=1$
V $\quad 1: 2560$. Amount in dot in universe
A53AMT 11673
T GI: Allocation flag for T53AMT
Allocation flag for ISS Code 53 amount
Income from roomers or boarders
$\begin{array}{lll}V & 0 & \text { Not imputed } \\ V & 1 & \text { Statistical imputation (hot deck) } \\ V & 2 & \text { Cold deckimputation } \\ V & 3 & L o g i c a l \text { imputation (derivation) } \\ V & 4 . S t a t i s t i c a l o r ~ o r ~ i c a l ~ i m p u t a t i o n ~\end{array}$
T GI: Amount of incide using previous wave data

GI: Amount of incidental or casual earnings
Amount ... received from incidental or
casual earnings 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. Universe=All persons $15+$ at the
end of the reference period who received
fromincidental or casual earnings in this
month. EPOPSTAT = 1 and ER55 = 1
1:9400. None or not in universe
1:9400. Amount in dolilars
D A55AMT
$1 \quad 1679$
GI: Allocation flag for T55AMT
Allocation flag for ISS Code 55 amount
Incidental or casual earnings
0. Not imputed it mputation (hot deck)
2. Cold deck imputation 4 Statisticalor orgical imputation using previous wave data

D T56AMT 51680
GI: Amount of miscellaneous cash income Amount ... of miscellaneous cash income 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 a mount
Universe $=A l l$ persons $15+$ at the end of the
reference period who received
mi scellaneous cash income in this month.
EPOPSTAT = 1 and ER56 = 1


## SIPP 2001 WAVES 1 thru 9 CORE




|  | SIZE BEGIN |
| :---: | :---: |
|  | first time in the 4 month reference period. Universe=All persons $15+$ reporting a transition from receipt of public assistance to non-receipt of public assistance over two consecutive months and reporting at least two reasons for this change. |
| V | 1. Got a job or earnings increased |
| V | $2{ }^{2}$. Family situation changed |
| V | moneh |
| V | Penalized or sanctioned for |
| V | non-cooperation |
| V | . Eligibility ran out because of |
| V | 6. Di me dint want to use up |
| V | 7. Chose not to participate |
| V | 8.Other, spe |
| V | 1 . Not in Uni |
|  | RAS13 Third reason 1725 for stopping AFDC/TANF the first time |
|  |  |
|  |  |
|  | public assistance such as AFDC or TANF the |
|  |  |
|  | period. Universeall persons $\begin{aligned} & \text { ctar reporting } \\ & \text { atransition from receipt of public }\end{aligned}$ |
|  | assistance to non-recelpt of pup |
|  |  |
|  | eporting at least three reaso |
| ob or ear |  |
| Others in household earned enough |  |
| Others in household earned enough |  |
| Penalized or sanon-cooperation |  |
|  |  |  |
| 5. Enon-cooperation |  |
|  |  |
|  |  |
| V | Other |
| V -1.Not in Univer |  |
| RAS21: First reasonfor stopping AFDCITANF the |  |
| second time |  |
| public assistance such as AFDC second time in the 4 month ref |  |
|  |  |  |
| period. Universeall persons $15+$ reporting |  |
| two transitions fromrecei |  |
| assistance over two consecutive months and |  |
| porting at least one reason |  |
|  |  |
|  | 2 . Goma |
|  |  |
| 3 . Others in household earned enough |  |
| v | 4 . Penalized or sanctioned |
| V | 5. Eligibilityran out because of |
| 5.time limits |  |
| V | . Didn't want to use up time limit |
| V | Chose not to participate |
|  | , |
|  | Not i ${ }^{\text {n Univers }}$ |
|  |  |
| GI: Second reason for stopping AFDC/TANF the |  |
| Second reason for stopping receipt of |  |
|  |  |  |
| public assistance such as AFDC or TANF the |  |
| period. Universeall persons 15 treporting |  |
| two transitions fromreceipt ofassistance to non.receipt of publ |  |
|  |  |  |
| assistance over two consecutive months and reporting at least two reasons for this |  |
|  |  |  |
|  | change. |
| V | i Got a job or earnings increased |
| V | 3 . Others in household earned enough |
|  | oneh |
|  | Penalized or sanctioned for |



## SIPP 2001 WAVES 1 thru 9 CORE







DATA
SIZE BEGIN
Welfare the second time in the 4 month reference period? Universe=All persons $15+$ reporting a second transition from non-receipt of Other Welfare to receipt of Ot her Welfare over two consecutive months other weore over two consecutive mon this change.
2. Pregnancylbirth of child - Began receiving for another dependent
4 Separated or divorced from spousel parent
5. Loss of job/wages/other income

6 . Loss of other support income
7 . ust learned about program ust got around to apprying
10 . Becther, disabled
-1. Not in universe
ROS1 21777
Gl: Reason for stopping Other Welfare the first time

Circumstances for stopping receipt of
Other Welfare the first time in the 4
month reference period? Universe=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.
. Became ineligible because of increased income
2. Because of family changes
. 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

1. Not in Universe

ROS2 21779
GI: Reason for stopping Other Welfare the second time

Circumstances for stopping receipt of
Other Welfare the second time in the 4 month reference period? Universe=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 Ieast one reason for this change.

1. Became ineligible because of increased income
2. Because of family changes

Still eligible but could chose not to collect
4 . Became ineligible because program requirements not met
5 . Eligibility ran out because of tit me limits
6 Other, specify
1 Not in Universe
RSB1R1 21781
: 1st reason applying for SSI the 1st time Circumstances for applying for ssi
(federallstate) the first time
Universeall persons $15+$ reporting a
transition from non-receipt of sst to
receipt of SSI over two consecutive months and reporting at least one reason for this change.



SIZE BEGIN
and reporting at least two reasons for
2. Became disabled/blind
3. Over 65

1. Not in universe

RSB2R1 21785
cist reason applying for SSI the 2nd time
freumstances or applying or ssi
Universeall 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
a Became
3 . Over 65
4. Other specify
1 . Not in universe

RSB2R2 21787
2nd reason applying for S S the 2 nd time
federalst 1 appor
Universe=All persons $15+$ reporting a
second transition from non-receipt of SSI
to receipt of SSI over two consecutive
or
2. Became disabled/blind

3 . Over 65

1. Not in universe

RSS1 21789
Reason stopping ssi the first me
the first time in the 4 month reterence
period? Universe=All persons $15+$ reporting
a transition from receipt of ssi to
months and reporting at least one reason
or this change

1. Became ineligible because of
ncreased income
2. Stille eligible but could/chose

4 . Became ineligible because program
equirements not met
. Etgibitity ran out because of
. 1 me 1 mits
1 . Not in Universe
RSS2 21791
Reason for stopping ssi the second time
the second time in the 4 month reference
period? Universe=All persons 15 + reporting
a second transition from receipt of ssi to
non-receipt of SSI over two consecutive
for this change.

1. Became ineligible because of
ncreased income
$\frac{2}{3}$. Because of fami y changes
not to collect but
4 . Became ineligible because program
equirements not met
. Eligibility ran out because of
me mit
2. Not in Universe

EASTIA 21793
During the reference period, did... own,
either alone or jointy, $S$. Government savings bonds? Universe=Al persons $15+{ }^{\text {at }}+$
the end of the reference period EPOPSTAT 1
${ }^{1}$. Not in universe
No


AAST2B
AS: Allocation flag for EAST2B







## SIPP 2001 WAVES 1 thru 9 CORE

V

SIZE BEGIN
month is topcoded to one quarter of this a mount. Universe=All persons $15+$ at the end of the reference period with solely owned interest earning checking accounts EPOPSTAT = 1 and ECKOAST $=1$

```
            1:320.None Dollars not in universe
```


## ACKOINT 1936

T AS: Allocation flag for TCKOINT.
Allocation flag for amount of interest
from solely owned interest earning
checking accounts.
0 . Not imputed
$\frac{1}{2}$. Statdstical imputation (hot deck)
2 . Cold deck mputation imputation (derivation)
3 . Sogatistica or logical i mputation
4 . Stasing previous wave data
ESVJ T Ownership of 1937
AS: Ownership of jointly held savings account Did ... own ...'s savings account jointly with ...'s spouse? Universe=All persons $15+$ at the end of the reference period who are married spouse present and have áa
savings account. EPOPSTAT $=1$ SavingS $\operatorname{account}$
and EAST2B=1
and EAST2B=1 $=1$ Not in universe

- Not in universe
$\frac{1}{2}$. Yes
2 No

ASVJ T $1 \quad 1939$
AS: Allocation flag for ESVJT
Allocation flag for ownership of jointly
held savings account.
0 . Not imputed
$\frac{1}{2}$. Statistical imputation (hot deck)
2 . Cold deck imputation
. Cold deck imputation
. Statisticapor or ogical imputation . using previous wave data
TSVJTINT $5 \quad 1940$
AS: Amount of monthly interest on joint
savings account
What is ...'s share of the total amount of inerest earned on .'s jointly held
interest earning savings accounts this
month? Maximum doll ar 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. Universe=All persons $15+$ at the
end of the reference period who are
married spouse present and hold joint
ownership of savings account. EPOPSTAT = 1
and EMS = 1 and ESVJT = 1
0. None or not in universe

1:500. Dollars
ASVJTINT 1 N 1945
AS: Allocation flag f
Allocation flag for TSVJTINT
Allocation flag for amount of interest
income from jointly held savings account
0. Not imputed imputation (hot deck)
2. Cold deck mputation
3 . Logical imputation (derivation) 3 . Logical imputation (derivation)
4 . Statisticalor ogical imputation using previous wave data

ESVOAST 21946
AS: Ownership of solely held savings account
Did... own savings accounts solely in
at the end of the reference period who
have a savings account. EPOPSTAT = 1 and
EAST2B = 1

$$
\begin{aligned}
& \frac{1}{1}=\text { Not in universe } \\
& \frac{1}{2} \text {. Yes }
\end{aligned}
$$

ASVOAST
11948
Allocation flag for ESVOAST.
Allocation flag for ownership of savings

DATA
SIZE BEGIN


## TSVOINT $5 \quad 1949$

T AS: Amount of monthly interest from own
savings account
What is the total amount of interest
earned on .'s solely owned interest
earning savings account 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 a mount. Universe=All persons $15+$ at the end of the reference period with solely owned savings account. EPOPSTAT = 1 and ESVOAST $=1$
$V \quad$. None or not in universe
1:540.Dollars
D ASVOINT 1954
T AS: Allocation flag for TSVOINT
Allocation flag for amount of interest from solely held savings account.

Not imputed
Statistical imputation (hot deck)
Cold deck imputation
Sogical imputation (derivation)
using previous wave data
EMDJT 21955
T AS: dointly owned money market deposit account account jown inti s money market deposit account jointiy with 's spouse?
Universe=All persons $15+$ at the end of the reference period who are married spouse present and who own a money market deposit account. EPOPSTAT $=1$ and EMS $=1$ and
EAST2C $=1$
1 . Not in universe
$\frac{1}{2}$ Yes
No

## AMDJ T 1957

AS: Allocation flag for EMDJT
Al ocation fiag for ownership of jointly
held money market deposit account.
0. Not imputed

Cold deck imputation
 using previous wave data

TMDJ TINT $5 \quad 1958$
T AS: Amount of monthly interest on joint money market

What is ...'s share of the total amount of
interest earned on...'s jointly held
money market deposit account this month? Maximum doll ar 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 a mount. Universe=All persons $15+$ at the end of the reference period who are married spouse present and have a jointly owned money market deposit account.
EPOPSTAT $=1$ and EMS $=1$ and EMDJ $T^{\prime}=1$
V
1:1620. None or not in universe
D AMDJ TINT 1963
T AS: Allocation flag for TMDJTINT
Allocation flag for amount of interest
from jointly held money market deposit account.
$\begin{array}{ll}V & 0 \\ V & \text {. Not imputed } \\ \text {. Statistical imputation (hot deck) }\end{array}$



7-86



SIZE BEGIN
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. Universeall persons $15+$ at the amount. the orseate persons with al ely end of the reference period with solely
owned $u$. Sol government securities. EPOPSTAT 0 wned
$=1$
1 and SGVOVASTMmen
1.5840. None or not in universe

1:5840. Dollars
AGVOI NT 12026
AS: Allocation flag for TGVOINT
Allocation flag for amount of interest
fromsolely owned U.S. Government
securities.
0. Not i mputed

1. Statistical imputation (hot deck)
2. Cold deck imputation
. Sogical imputation (derivation)
Statistical or logical imputation using previous wave data

TINTINC
AS: Amount of al interest income
Sum of TCKIINTATCKONT, TSVJTINT
TCDDONT, TBD TINT, TBDDINT, TGVITINT, and
tgVol nt'. Universé=All persons $15+$ at the end of the reference period with ownership of one or more of the following accounts checking, savings, money market deposit, certificates of deposit, municipal or corporate bonds U. S. Government
securities. EPOPSTAT $=1$ and $(E A S T 2 A=1$ and/Or EAST2B = 1 and/or EAST2C =1 and/or EAST2D = 1 and/or EAST3C =1 and/or EAST3D = 1)

EMANYCHK 2033
AS: Dividend check from joint/sole owned mutual funds

At sometime during the reference period, owned a mutual fund. Did... receive any dividend checks? Include checks made out jointly to .... and ...'s spouse.
Universe $=A l$ persons $15+$ at the end of the eference period with ownership of mutual unds. EPOPSTAT = 1 and EAST3A = 1

1. Not in universe $\frac{1}{2}$ : Yes

AMANYCHK
12035
AS: Allocation flag for EMANYCHK
Allocation flag for receipt of dividend check from mutual funds.


TMJNTDIV 52036
AS: Amount of check from jointly held mutual funds

How much was ...'s share this month of
dividend checks from mutual funds made out
jointy to ... and... s 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 topcoded to one quarter of this
amount. Universe=All persons $15+$ at the
end of the reference period who are
married spouse present and receiving
dividend checks. EPOPSTAT =1 and EMS =1
and EMANYCHK = 1
V $\quad 1: 7500$. Dollars not in universe
$V$
D AMJ NTDIV 12041
AS: Allocation flag for TMJNTDIV


| data | SIZE BEGIN | dATA SIZE BEGIN |
| :---: | :---: | :---: |
| V | 2. Cold deck imputation | using previous wave data |
| V | 3. Logical imputation. (derivation) | - 5 der ${ }^{\text {a }}$ |
| V | 4. Statistica or logical imputation | TSOWNDI V 5020 |
|  | . $u$ sing previous wave data | AS: Amount of dividend check for solely held stocks |
|  | WNADV ${ }^{5} 2057$ | How much did ${ }^{\text {deceive in dividend }}$ |
|  | Amount of dividends credited to own gin account | checks from stocks held in ...'s ownname this month? Maximum dollar amount is the |
|  | How much of dividends from solely owned | total amount which can be disclosed for |
|  | mutual funds was credited against a margin | the four monthreference period. If the |
|  | account or reinvested this month? Maximum | sum of the four months is greater than |
|  | dollar amount is the total amount which | this max, each month is topcoded to one |
|  | can be disclosed for the four month | quarter of this amount. Universe=Al |
|  | reference period. If the sum of the four | persons 15t at the end of the reference |
|  | months is greater than this max, each | period receiving dividend checks from |
|  | month is topcoded to one quarter of this | stocks. EPOPSTAT $=1$ and ESANYCHK = 1 |
|  | amount. Universe=all persons $15+$ at the | 0 . None or not in universe |
|  | end of the reference period with margin | 1:7140 . Dollars |
|  | on . None or not in universe | ASOWNDI V |
| V | 1:7500 . Dollars | AS: Allocation flag for TSOWNDIV |
|  |  | Allocation flag or amount of dividends |
|  | WNADV 12062 fownady | received from solely held stocks |
|  | Allocation flag for TMOWNADV | Not imputed |
|  | Allocation flag for amount of dividends | Statistical imputation (hot deck) |
|  | credited to margin account heldin own | mputation |
|  | name. 0. Not imputed | 4. Statistical or iogical imputation |
| V | 1 Statistical imputation (hot deck) | . using previous wave data |
|  | 2. Cold deck imputation |  |
| V | . Logical i mputation. (deri vation) | ESOTHDIV 22078 |
|  | . Statistical or logical imputation | T AS: Dividends credited to margin account |
|  | . using previous wave data | Did ${ }^{\text {d }}$ earn any dividends that were |
| $\begin{aligned} & D \\ & T \end{aligned}$ |  | credited against a margin account or |
|  | NYCHK ${ }^{2}{ }^{2063}$ dividen or solely held | automaticaly reinvested (for stocks) ${ }_{\text {Univer }}$ (heal |
|  |  | reference period withownership of stocks. |
|  | At sometime during the reference period, | EPOPSTAT $=1$ and EAST3B $=1$ |
|  | owned stocks. Did ... receive any | -1. Not in universe |
|  | dividend checks? Include checks made |  |
|  | jointly to ... and. ${ }^{\text {a }}$, spouse. | $\checkmark 2 . N o$ |
|  | Universeall persons $15+$ at the end of the |  |
|  | reference period with ownership of stocks. EPOPSTAT $=1$ and EAST3B $=1$ | D ASOTHDIV 1 |
|  | -1. Not in universe | Allocation flag for dividends credited |
|  |  | against a margin account |
|  | 2 . No | 0 . Not imputed |
|  |  | $V \quad \frac{1}{2}$ Statistical imputation (hot deck) |
|  | NYCHK 11065 manychk | 2. Cold deck mputation |
|  |  | 3. Logical imputation (derivation) |
|  | Allocation flag for dividends checks received from stocks. | $V$ 4. Statistica or logical imputation <br> $V$ using previous wave data |
|  | 0 . Not i mput ed |  |
|  | 1 Statistical imputation (hot deck) | SJ ADIV ${ }^{5} 2081$ |
| $v$ | 2. Cold deck imputation | AS: Amount of dividend credited to a joint |
|  | 3. Logical imputation (derivation) | margin accnt |
|  | 4. Statistical or logical imputation | How much was ' 's share of dividends from |
|  | using previous wave data | stocks held jointly with 's spouse |
|  |  | which were credited against a margin |
| T AS: | Amount of dividend check fromjointly | dollar amount is the total amount which |
|  | dstocks | can be disclosed for the four month |
|  | How much was ${ }^{\text {a }}$ 's share of dividend | reference period. If the sum of the four |
|  | checks fromstocks made out jointly to | months is greater than this max, each |
|  | and ..'s spouse this month? Maximum | month is topcoded to one quarter of this |
|  | dollar amount is the total amount which | amount. Universeall persons $15+$ at the |
|  | can be disclosed for the four month | end of the reference period who are |
|  | reference period. If the sum of the four | married spousepresent with margin |
|  | months is greater than this max, each | dividends. EPOPSTAT = 1 and EMS $=1$ and |
|  | amount. Universe=All persons 15+ at the | 0 . None or not in universe |
|  | end of the reference period who are | $V \quad 1: 2360$. Dollars |
|  | married spouse present and receiving |  |
|  |  | D ASJADIV AS A 1 |
|  | and EMS $=$ None or not in universe | Allocation flag for amount of dividends |
|  | 1:3800. Dollars | credited to joint margin accounts. |
|  |  | Not imputed |
|  | NTDIV $1{ }^{1} 2071$ | Statistical imputation (hot deck) |
| T AS: |  | $V \quad$ 2. Cold deck imputation |
|  | Allocation flag for amount of dividends | $V \quad$ 3.Logical imputation (derivation) |
|  |  | 4. Statistical or logical imputation |
| V | 1. Statistical imputation (hot deck) |  |
| V | Cold deck imputation | TSOWNADV 52087 |
| V | Logical imputation. (derivation) | AS: Amount of dividend credited solely held |
|  | 4. Statistical or logical imputation | margin accnt |



DATA
V
D EMCOCOV 22106
T HI: Type of public health insurance
Universe=Al| persons Iess than 20 years of age (which qualifies them for CHIP) who are covered by. Medicaid, CHIP, or other public health insurance. TAGE < 20 and ECAIDCOV = 1
V
$V$
$V$
$V$
$V$
D
T
$V$
$V$
$V$
$V$
$V$
AMCOCOV 1 2108 2108 EMCOCOV
Allocation flag for type of public health insurance

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

1. Statistical mputation (hot deck)
2 . Cold deck imputation
3 . Logical imputatton (derivation)

4 . Statisticapor ogical imputation using previous wave data

ECDUNT1 32109
HI: Medicaid coverage unit for this month
Medicaid coverage unit this person
belonged to in this month of the reference
period. Universe=Al persons
$1: 240$. Medicaid coverage unit

1. Not in universe

EHIMTH 2112
HI: Private health insurance coverage in this month

Was ... covered by a health insurance plan other than Medicare or Medicaid?
Universe=All persons

1. Yes, covered
2 . No, not covered

AHI MTH AI ocation filag for EHIMTH
Allocation flag for private health
insurance coverage.
0 . Not imputed imputation (hot deck)
2
2. Cold deck imputation

3
4 . Stagical imputation (derivation)
St using previous wave data

EHI OWNER 2115
HI: Covered by own plan, someone else's, both or neither

Was the coverage in ${ }^{\prime}$ 's own name or was ej covered as a family member on someone persons whose response in any of the four reference months to heal th insurance
coverage (excluding Medicaid/Medicare) is yes. EHIMTH = 1 for any month

1. Covered in own name
. Covered by someone else's plan
. Covered both in own name and by

- someone else's plan

4. Not covered

AHI OWNER 12117
HI: Allocation flag for EHI OWNER
Allocation flag for covered by own plan or someone else's plan.

1. Not itisticut imputation (hot deck)
. Cold deck imputation
2. Logical imputation (derivation) using previous wave data

ENONHH 1118
HI: Covered by plan owned by person outside household

Was...covered by a health insurance plan of someone who does not currently ive in
the household? Universe=All persons whose

## SIPP 2001 WAVES 1 thru 9 CORE







SOURCE AND ACCURACY STATEMENT<br>for the 2001 Public Use Files from the<br>Survey of Income and Program Participation ${ }^{1}$

## SOURCE OF DATA

The data were collected in the 2001 panel of the Survey of Income and Program Participation (SIPP). The population represented (the population universe) in the 2001 SIPP is the civilian noninstitutionalized population living in the United States. The institutionalized population, which is excluded from the population universe, is composed primarily of the population in correctional institutions and nursing homes ( 91 percent of the 4.1 million institutionalized people in Census 2000). 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 2001 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 do not 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.

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 3 years beginning in February 2001. 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.
In Wave 1, we fielded a sample consisting of 88 reduction groups (88 comparable representative subsamples) which resulted in an average sampling interval of approximately 2,420 housing units. In this wave, we obtained interviews from occupants of about 35,100 of the 40,500 eligible living quarters. We found most of the remaining 15,400 living quarters in the panel to be vacant, demolished, converted to

1 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.
nonresidential use, or otherwise ineligible for the survey. However, we did not interview approximately 5,400 of the 15,400 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 87 percent of all eligible living quarters participated in the first interview of the panel.

Due to budget constraint, we cut the sample in Wave 2 by 13 reduction groups which resulted in an average sampling interval of approximately 2,840 housing units. We did not cut the sample in the remaining waves (Wave 3 to Wave 9). For interviews in Wave 2 to Wave 9, only original sample persons (those in Wave 1 sample households which survived the sample cut in Wave 2 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. Based on these follow-up criteria, we interviewed about 28,100 living quarters of the approximately 30,500 eligible living quarters for Wave 2, about 27,500 living quarters of the approximately 30,900 eligible living quarters for Wave 3, about 27,200 living quarters of the approximately 31,100 eligible living quarters for Wave 4, about 26,800 living quarters of the approximately 31,300 eligible living quarters for Wave 5, about 26,600 living quarters of the approximately 31,400 eligible living quarters for Wave 6, about 26,500 living quarters of the approximately 31,500 eligible living quarters for Wave 7, about 26,000 living quarters of the approximately 31,600 eligible living quarters for Wave 8 , about 25,500 living quarters of the approximately 31,700 eligible living quarters for Wave 9 . In each of these waves, we did not interview some of the eligible living quarters because the occupants either directly or indirectly refused our interview in the same manner described for Wave 1 or moved to an unknown address. The rates of noninterviewed living quarters due to direct or indirect refusal were $6.2 \%$ for Wave 2, $8.4 \%$ for Wave 3, $9.5 \%$ for Wave 4, $10.9 \%$ for Wave $5,11.6 \%$ for Wave $6,12.3 \%$ for Wave $7,13.3 \%$ for Wave 8 , and $14.7 \%$ for Wave 9. The rates of non-interviewed living quarters due to moving to an unknown address were $1.7 \%$ for Wave 2, $2.7 \%$ for Wave 3, 3.2\% for Wave 4, 3.6\% for Wave 5, 3.7\% for Wave 6, 3.8\% for Wave $7,4.5 \%$ for Wave 8, and $4.8 \%$ for Wave 9.

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 2001 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 2001 panel. For example, Wave 1 rotation group 1 of the 2001 panel was interviewed in February 2001 and data for the reference months October 2000 through January 2001 were collected. This source and accuracy statement can also be accessed through the U.S. Census Bureau website at "http://www.sipp.census.gov/sipp/sourceac/S\&A01_w1tow9_cross_puf.pdf."

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 factor 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 ( $\mathrm{F}_{\mathrm{N} 1}$ ). The second factor compensated for person noninterviews occurring in subsequent interviews ( $\mathrm{F}_{\mathrm{N} 2}$ ). 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 factor applied is the Second Stage Adjustment Factor ( $\mathrm{F}_{2 \mathrm{~s}}$ ). This factor adjusts estimates to population controls and causes husbands' and wives' weights to be equal. See the next section on population controls for more information on how they are obtained.

Population Controls. This survey's estimation procedure adjusts weighted sample results to agree with independently derived population estimates of the civilian noninstitutional population of the United States. We control to independent population estimates in an attempt to reduce our mean square error by partially correcting for undercoverage. To obtain the controls, we take the CPS weights and do a "March type" family equalization. That is, we assign wives' weights to husbands and then proportionally adjust the weights of persons by month, rotation group, race, sex, age, and by the marital and family status of householders. Using these weights with CPS data, the controls for SIPP are obtained. These are prepared annually to agree with the most current set of population estimates that are released as part of the Census Bureau's population estimates and projections program.

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

- age, sex, and race (Non Black, Black) and
- age, sex, and Hispanic origin.

The estimates begin with the latest decennial census as the base and incorporate the latest available information on births and deaths along with the latest estimates of net international migration.

The net international migration component in the population estimates includes a combination of:

- legal migration to the U.S.,
- emigration of foreign born and native people from the U.S.,
- net movement between the U.S. and Puerto Rico,
- estimates of temporary migration, and
- estimates of net residual foreign-born population, which include unauthorized migration.

Because the latest available information on these components lag the survey date, to develop the estimate for the survey date, it is necessary to make short-term projections of these components.
The final cross-sectional weight is $\mathbf{F w}_{\mathbf{c}}=\mathbf{B W} \mathbf{x} \mathbf{D C F} \mathbf{x} \mathbf{F}_{\mathbf{n} \mathbf{1}} \mathbf{X} \mathbf{F}_{2 \mathrm{~S}}$ for Wave 1 and is $\mathbf{F w}_{\mathbf{c}}=\mathbf{I W} \mathbf{x} \mathbf{F}_{\mathbf{n} 2} \mathbf{x} \mathbf{F}_{2 \mathrm{~s}}$ for Waves 2+, where IW is either BW $\mathbf{x} \mathbf{D C F} \mathbf{x} \mathbf{F}{ }_{\mathrm{n} 1}$ 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. Several improvements to SIPP weighting methods were implemented beginning with the 1996 panel. They are described below.

- We dropped the first stage factor $\left(\mathrm{F}_{1 \mathrm{~s}}\right)$ 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 2 and 7 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 core wave file 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 2001. 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 reference month 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 2000 data is only available from rotations 1, 2, and 3 for Wave 1 of the 2001 panel (See Table 2), so a factor of $4 / 3$ 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, as above. 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 core wave files 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 December 2000 and January 2001).

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 may not be state representative due to the nature of the sample design. Therefore, estimates for individual states 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.

## 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 (second stage weight adjustment) 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-February 2001 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.

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.

SIPP Coverage Ratios for February 2001
Age by Non-Black/Black Status and Sex

## Non-Black

Black

| Age | M | F | M | F |
| :---: | :---: | :---: | :---: | :---: |
| 15 | 0.9175 | 1.1235 | 0.7044 | 0.7749 |
| 16-17 | 0.8640 | 0.9289 | 0.8826 | 0.9433 |
| 18-19 | 0.8620 | 0.8647 | 0.8274 | 0.8339 |
| 20-21 | 0.8848 | 0.8041 | 0.6255 | 0.9596 |
| 22-24 | 0.7859 | 0.8692 | 0.5857 | 0.6705 |
| 25-29 | 0.8022 | 0.8254 | 0.8504 | 0.8386 |
| 30-34 | 0.8721 | 0.9063 | 0.8792 | 0.7991 |
| 35-39 | 0.9212 | 0.9855 | 0.7119 | 0.8982 |
| 40-44 | 0.9058 | 0.9321 | 0.8059 | 0.9653 |
| 45-49 | 0.9009 | 0.9761 | 0.6856 | 0.7758 |
| 50-54 | 0.9667 | 0.9181 | 0.8993 | 1.2103 |
| 60-61 | 0.8405 | 0.8961 | 1.0210 | 0.9877 |
| 62-64 | 0.9866 | 1.0698 | 0.9914 | 0.9618 |
| 65-69 | 0.9304 | 0.9423 | 1.0646 | 0.7759 |
| 70-74 | 0.8836 | 0.9362 | 0.7896 | 1.3338 |
| 75-79 | 0.8952 | 1.0046 | -------- | 0.9104 |
| 80-84 | 0.8974 | 0.9651 | ------ | -------- |
| 85+ | 0.9558 | 0.9669 | --- | -------- |

## 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 $\mathrm{S}_{\text {DIFF }}$. If $X_{A}-X_{B}$ is between -1.6 times $\mathrm{S}_{\text {DIFF }}$ and +1.6 times $\mathrm{S}_{\text {DIFF }}$, 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 $\mathrm{S}_{\text {DIFF }}$ or larger than +1.6 times $\mathrm{S}_{\text {DIFF }}$, 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.

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 by characteristics at the person level and characteristics of households (including unrelated persons). Two parameters (denoted $a$ and $b$ ) were computed for each characteristic in order to approximate the standard error behavior. These $a$ and $b$ parameters vary according to wave and characteristic as well as the demographic subgroup of the group to which the estimate applies. Because the actual standard error behavior was not identical for all characteristics and groups, the standard errors computed using these parameters provide an indication of the order of magnitude of the standard error estimate for a specific group. Table 3 provides tables of base $a$ and $b$ parameters by wave to be used for the 2001 panel estimates. There are four sets of parameters in Table 3: the first set of parameters per item is given to be used for calculations based on persons or households interviewed during Wave 1 the second set is for Waves 2 and 3, the third set is for Wave 4 to Wave 6, and the fourth set is for Wave 7 to Wave 9. Table 9 provides the base generalized variance a and b parameters for calculating 2001 topical module variances.

Table 2 lists the reference months for each interview month. Use Table 4 (if needed) to select the adjustment factor appropriate to the wave. Multiply this factor by the $a$ and $b$ base parameters of Table 3 to produce $a$ and $b$ parameters for the variance estimate for a specific subgroup and reference period. For example, the base $a$ and $b$ parameters for total number of households are -0.00003286 and 3546, respectively. Using Table 4 for Wave 1, the factor for November 2000 is 2 since only 2 rotation months of data are available. So the $a$ and $b$ parameters for the variance estimate of a white household characteristic in November 2000 based on Wave 1 are $-0.00003286 \times 2=-0.00006572$ and $3546 \times 2=$ 7,092, respectively.

Similarly, the factor for the last quarter of 2000 is 1.8519 (Table 4) since the only data available are the 6 rotation months from Wave 1 (namely, as indicated in Table 2, rotation 1 provides three rotation months, rotation 2 provides two rotation months, and rotation 3 provides one rotation month of data.) So the $a$ and $b$ parameters for the variance estimate of a white household characteristic in the last quarter of 2000 are $-0.00003286 \times 1.8519=-0.00006085$ and $3546 \times 1.8519=6,567$, respectively.

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 parameters for computation of
approximate standard errors are given in the following sections.
For those users who wish further simplification, we have also provided base standard errors for estimates of total and estimates of percentages in Tables 5 through 8. Note that these base standard errors only apply when data from all four rotations are used and must be adjusted by an f factor provided in Table 3. 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 (data sets) 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 (formula 2) 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

$$
\begin{equation*}
s_{x}=f s \tag{1}
\end{equation*}
$$

where $f$ is the appropriate $f$ factor from Table 3 , and $s$ is the base standard error on the estimate obtained by interpolation from Table 5 or 6 . Alternatively, $s_{x}$ may be approximated by the formula

$$
\begin{equation*}
s_{x}=\sqrt{a x^{2}+b x} \tag{2}
\end{equation*}
$$

from which the base standard errors in Tables 7 and 8 were calculated. Here $x$ is the size of the estimate and $a$ and $b$ are the parameters from Table 4 which are associated with the characteristic being estimated (and the wave which applies). Use of formula 2 will generally provide more accurate results than the use of formula 1 .

## Illustration.

Suppose SIPP estimates based on Wave 1 of the 2001 panel show that there were 1,700,000 black households with monthly household income above $\$ 4,000$ in January 2001. The appropriate parameters and factor from Table 3 and the appropriate general standard error from Table 5 are

$$
a=-0.00019168 \quad b=2,495 \quad f=0.84 \quad s=76,800
$$

Using formula 1, the approximate standard error is

$$
s_{x}=(0.84)(76,800)=64,512
$$

Using formula 2, the approximate standard error is

$$
\sqrt{(-0.00019168)(1,700,000)^{2}+(2,495)(1,700,000)}=60,725
$$

Using the standard error based on formula 2, the approximate 90-percent confidence interval as shown by the data is from $1,600,107$ to $1,799,893$. 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

$$
\begin{equation*}
s_{\bar{x}}=\sqrt{\left(\frac{b}{y}\right) s^{2}} \tag{3}
\end{equation*}
$$

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 $Z_{j-1}<x_{i} \leq Z_{j}$.

The estimated population variance, $s^{2}$, is given by the formula:

$$
\begin{equation*}
s^{2}=\sum_{j=1}^{c} p_{j} m_{j}^{2}-\bar{x}^{2} \tag{4}
\end{equation*}
$$

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

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

The mean, $\bar{x}$ can be obtained using the following formula:

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

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

$$
\begin{align*}
& \bar{x}=\frac{\sum_{i=1}^{n} w_{i} x_{i}}{\sum_{i=1}^{n} w_{i}} \\
& s^{2}=\frac{\sum_{i=1}^{n} w_{i} x_{i}^{2}}{\sum_{i=1}^{n} w_{i}}-\bar{x}^{2}, \tag{5}
\end{align*}
$$

where there are $n$ units with the item of interest and $w_{\mathrm{i}}$ is the final weight for unit "I". (Note that $\sum \mathrm{w}_{\mathrm{i}}=\mathrm{y}$ in formula 3.)

## 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 2001 is given in Table 10.

Using formula 4 and the mean monthly cash income of $\$ 2,530$ the approximate population variance, $s^{2}$, is

$$
\begin{aligned}
s^{2}= & \left(\frac{1,371}{39,851}\right)(150)^{2}+\left(\frac{1,651}{39,851}\right)(450)^{2}+\ldots+ \\
& \left(\frac{1,493}{39,851}\right)(9,000)^{2}-(2,530)^{2}=3,159,887 .
\end{aligned}
$$

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

$$
s_{\bar{x}}=\sqrt{\left(\frac{4,263}{39,851,000}\right)(3,159,887)}=\$ 18.39
$$

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 (5) and $b$ be the parameter associated with the particular type of item. The standard error of an aggregate is

$$
\begin{equation*}
s_{x}=\sqrt{(b)(y) s^{2}} \tag{6}
\end{equation*}
$$

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

$$
\begin{equation*}
s_{(x, p)}=f s \tag{7}
\end{equation*}
$$

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

In this formula, $f$ is the appropriate $f$ factor from Table 3 (for the appropriate wave) and $s$ is the base standard error of the estimate from Table 7 or 8.

Alternatively, it may be approximated by the formula

$$
\begin{equation*}
s_{(x, p)}=\sqrt{\frac{b}{x}(p)(100-p)} \tag{8}
\end{equation*}
$$

from which the standard errors in Tables 7 and 8 were calculated. Here $x$ is the size of the subclass of social units which is the base of the percentage, $p$ is the percentage ( $0<\mathrm{p}<100$ ), and $b$ 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 2001, 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 4,475 from Table 3 and a factor of 1 for the month of January 2001 from Table 4, the approximate standard error is

$$
\sqrt{\frac{4,475}{(16,812,000)}(6.7)(100-6.7)}=0.41 \text { percent }
$$

Consequently, the 90 percent confidence interval as shown by these data is from 6.03 to 7.37 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:

$$
\mathrm{p}_{\mathrm{I}}=100\left(\mathrm{X}_{\mathrm{A}} / \mathrm{X}_{\mathrm{N}}\right)
$$

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

$$
\mathrm{p}_{\mathrm{I}}=100\left(\hat{\mathrm{p}}_{\mathrm{A}} \overline{\mathrm{X}}_{\mathrm{A}} / \overline{\mathrm{X}}_{\mathrm{N}}\right)
$$

where $x_{A}$ and $x_{N}$ are aggregate money figures, $\bar{x}_{A}$ and $\bar{x}_{N}$ are mean money figures, and $\hat{\mathrm{p}}_{\mathrm{A}}$ is the estimated number in group A divided by the estimated number in group $N$. In either case, we estimate the standard error as

$$
\begin{equation*}
S_{I}=\sqrt{\left(\frac{\hat{p}_{A} \bar{x}_{A}}{\bar{x}_{N}}\right)^{2}\left[\left(\frac{S_{p}}{\hat{p}_{A}}\right)^{2}+\left(\frac{S_{A}}{\bar{x}_{A}}\right)^{2}+\left(\frac{S_{B}}{\bar{x}_{N}}\right)^{2}\right]} \tag{9}
\end{equation*}
$$

where $s_{p}$ is the standard error of $\hat{\mathrm{p}}_{A}, s_{A}$ is the standard error of $\bar{x}_{A}$ and $s_{B}$ is the standard error of $\overline{\mathrm{x}}_{\mathrm{N}}$. To calculate $s_{p}$, use formula 8. The standard errors of $\overline{\mathrm{x}}_{\mathrm{N}}$ and $\overline{\mathrm{x}}_{\mathrm{A}}$ may be calculated using formula 3.

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

## Illustration.

Suppose that in January 2001, 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 $0.19 \%$, $\$ 5799$, and $\$ 2867$, respectively. 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

$$
\begin{aligned}
& \quad S_{I}=\sqrt{\left(\frac{(0.098)(72121)}{78734}\right)^{2}\left[\left(\frac{0.0019}{0.098}\right)^{2}+\left(\frac{5799}{72121}\right)^{2}+\left(\frac{2867}{78734}\right)^{2}\right]} \\
& =0.008=0.8 \%
\end{aligned}
$$

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

$$
\begin{equation*}
S_{(x-y)}=\sqrt{s_{x}^{2}+s_{y}^{2}} \tag{10}
\end{equation*}
$$

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 2001 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 3 and formula 2, the standard errors of these numbers are approximately 115,689 and 105,029, respectively. The difference in sample estimates is 567,000 and using formula 10 , the approximate standard error of the difference is

$$
\sqrt{(115,689)^{2}+(105,029)^{2}}=156,253
$$

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 $1.645 \times$ $156,253=257,036$. Since the difference is greater than 1.645 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

$$
\begin{equation*}
X_{p N}=\exp \left[\left.\left(\operatorname{Ln}\left(\frac{p N}{N_{1}}\right) / \operatorname{Ln}\left(\frac{N_{2}}{N_{1}}\right)\right) \operatorname{Ln}\left(\frac{A_{2}}{A_{1}}\right) \right\rvert\, A_{1}\right. \tag{11}
\end{equation*}
$$

if Pareto Interpolation is indicated and

$$
\begin{equation*}
X_{p N}=\left\lfloor\frac{P N-N_{1}}{N_{2}-N_{1}} \quad\left(A_{2}-A_{1}\right)+A_{1}\right\rfloor \tag{12}
\end{equation*}
$$

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 $\mathrm{X}_{\mathrm{pN}}$ <br> falls |
| $N_{1}$ and $N_{2}$ | are the estimated number of group members owning more than $\mathrm{A}_{1}$ and <br> $\mathrm{A}_{2}$, respectively |
| $\exp$ | refers to the exponential function and |
| $L n$ | refers to the natural logarithm function |

## Illustration.

To illustrate the calculations for the sampling error on a median, we return to Table 10, and suppose that the income tabulated for this group is for January 2001. The median monthly income for this group is $\$ 2,158$ in January 2001. The size of the group is $39,851,000$.

1. Using formula 8 (with $b=4,263$ for Wave 1 ), 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 10, 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

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

Also by examining Table 10, 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

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

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:

$$
\begin{equation*}
s_{\frac{x}{y}}=\sqrt{\left(\frac{x}{y}\right)^{2}\left[\left(\frac{s_{y}}{y}\right)^{2}+\left(\frac{s_{x}}{x}\right)^{2}\right]} \tag{13}
\end{equation*}
$$

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 3, 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 1-2001 Panel Topical Modules

| $\begin{aligned} & \mathrm{W} \\ & 1 \end{aligned}$ | - Recipiency History <br> - Employment History | W6 | - Assets, Liabilities, Eligibility <br> - Medical Expenses/Health Care Usage <br> - Work-related Expenses <br> - Child Support Paid <br> - Child Care Poverty |
| :---: | :---: | :---: | :---: |
| $\begin{aligned} & \text { W } \\ & 2 \end{aligned}$ | - Work Disability <br> - Education \& Training History <br> - Marital History <br> - Migration History <br> - Fertility <br> - Household Relationships | W7 | - Annual Income \& Retirement Accounts <br> - Taxes <br> - Retirement \& Pension Plan <br> - Home Health Care <br> - Child Well-Being |
| $\begin{aligned} & \mathrm{W} \\ & 3 \end{aligned}$ | - Assets, Liabilities, Eligibility <br> - Medical Expenses/Health Care Usage <br> - Work-related Expenses <br> - Child Support Paid <br> - Child Care Poverty | W8 | - Adult Well-Being <br> - Child Support Agreements <br> - Support for Non-household members <br> - Functional Limitations/Disabilities-Adult <br> - Functional Limitations/Disabilities-Child <br> - Welfare Reform |
| $\begin{aligned} & \mathrm{W} \\ & 4 \end{aligned}$ | - Annual Income \& Retirement Accounts <br> - Taxes <br> - Work Schedule <br> - Child Care | W9 | - Assets, Liabilities, Eligibility <br> - Medical Expenses/Health Care Usage <br> - Work-related Expenses <br> - Child Support Paid <br> - Child Care Poverty |
| $\begin{aligned} & \mathrm{W} \\ & 5 \end{aligned}$ | - School Enrollment \& Financing <br> - Child Support Agreements <br> - Support for Non-household members <br> - Functional Limitations/Disabilities-Adult <br> - Functional Limitations/Disabilities-Child <br> - Employer-Provided Health Benefits |  |  |

Table 2 - SIPP Panel 2001 Reference Months (horizontal) for Each Interview Month (vertical)


Table 3 ${ }^{2}$ - SIPP Panel 2001 - Indirect Generalized Variance Base Parameters for Wave 1

| Characteristics | Parameters |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| PERSONS | a | b | DEFF | f |
| Total or White |  |  |  |  |
| 16+ Poverty and Program Participation |  |  |  |  |
| Both Sexes | -0.00002444 | 5,342 | 2.21 | 0.87 |
| Male | -0.00005077 | 5,342 | 2.21 | 0.87 |
| Female | -0.00004712 | 5,342 | 2.21 | 0.87 |
| 16+ Income and Labor Force |  |  |  |  |
| Both Sexes | -0.00001950 | 4,263 | 1.76 | 0.78 |
| Male | -0.00004051 | 4,263 | 1.76 | 0.78 |
| Female | -0.00003760 | 4,263 | 1.76 | 0.78 |
| Other Person Items |  |  |  |  |
| Both Sexes | -0.00002511 | 7,002 | 2.89 | 1.00 |
| Male | -0.00005145 | 7,002 | 2.89 | 1.00 |
| Female | -0.00004903 | 7,002 | 2.89 | 1.00 |
| Black |  |  |  |  |
| Person Items |  |  |  |  |
| Both Sexes | -0.00012805 | 4,475 | 1.85 | 0.80 |
| Male | -0.00027985 | 4,475 | 1.85 | 0.80 |
| Female | -0.00023605 | 4,475 | 1.85 | 0.80 |
| Hispanic |  |  |  |  |
| Person Items |  |  |  |  |
| Both Sexes | -0.00019658 | 6,515 | 2.69 | 0.96 |
| Male | -0.00038425 | 6,515 | 2.69 | 0.96 |
| Female | -0.00040250 | 6,515 | 2.69 | 0.96 |
| HOUSEHOLDS |  |  |  |  |
| Total or White | -0.00003286 | 3,546 | 1.47 | 1.00 |
| Black | -0.00019168 | 2,495 | 1.03 | 0.84 |
| Hispanic | -0.00035803 | 3,323 | 1.37 | 0.97 |

[^0]Table 3 (Continued) - SIPP Panel 2001 - Indirect Generalized Variance Base Parameters for Wave 2 and Wave 3

| Characteristics | Parameters |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| PERSONS | a | b | DEFF | f |
| Total or White |  |  |  |  |
| 16+ Poverty and Program Participation |  |  |  |  |
| Both Sexes | -0.00003113 | 6,828 | 2.40 | 0.81 |
| Male | -0.00006469 | 6,828 | 2.40 | 0.81 |
| Female | -0.00006001 | 6,828 | 2.40 | 0.81 |
| 16+ Income and Labor Force |  |  |  |  |
| Both Sexes | -0.00002458 | 5,391 | 1.90 | 0.72 |
| Male | -0.00005108 | 5,391 | 1.90 | 0.72 |
| Female | -0.00004738 | 5,391 | 1.90 | 0.72 |
| Other Person Items |  |  |  |  |
| Both Sexes | -0.00003130 | 8,753 | 3.08 | 0.92 |
| Male | -0.00006415 | 8,753 | 3.08 | 0.92 |
| Female | -0.00006112 | 8,753 | 3.08 | 0.92 |
| Black |  |  |  |  |
| Person Items |  |  |  |  |
| Both Sexes | -0.00019935 | 7,002 | 2.47 | 0.82 |
| Male | -0.00043655 | 7,002 | 2.47 | 0.82 |
| Female | -0.00036690 | 7,002 | 2.47 | 0.82 |
| Hispanic |  |  |  |  |
| Person Items |  |  |  |  |
| Both Sexes | -0.00030514 | 10,371 | 3.65 | 1.00 |
| Male | -0.00059697 | 10,371 | 3.65 | 1.00 |
| Female | -0.00062417 | 10,371 | 3.65 | 1.00 |
| HOUSEHOLDS |  |  |  |  |
| Total or White | -0.00003723 | 4,028 | 1.42 | 0.93 |
| Black | -0.00028036 | 3,618 | 1.27 | 0.88 |
| Hispanic | -0.00047316 | 4,626 | 1.63 | 1.00 |

Table 3 (Continued) - SIPP Panel 2001 - Indirect Generalized Variance Base Parameters for Wave 4 to Wave 6

| Characteristics | Parameters |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| PERSONS | a | b | DEFF | f |
| Total or White |  |  |  |  |
| 16+ Poverty and Program Participation |  |  |  |  |
| Both Sexes | -0.00003417 | 7,517 | 2.65 | 0.84 |
| Male | -0.00007096 | 7,517 | 2.65 | 0.84 |
| Female | -0.00006591 | 7,517 | 2.65 | 0.84 |
| 16+ Income and Labor Force |  |  |  |  |
| Both Sexes | -0.00002684 | 5,905 | 2.08 | 0.75 |
| Male | -0.00005574 | 5,905 | 2.08 | 0.75 |
| Female | -0.00005178 | 5,905 | 2.08 | 0.75 |
| Other Person Items |  |  |  |  |
| Both Sexes | -0.00003322 | 9,359 | 3.30 | 0.94 |
| Male | -0.00006786 | 9,359 | 3.30 | 0.94 |
| Female | -0.00006506 | 9,359 | 3.30 | 0.94 |
| Black |  |  |  |  |
| Person Items |  |  |  |  |
| Both Sexes | -0.00020885 | 7,354 | 2.59 | 0.83 |
| Male | -0.00045725 | 7,354 | 2.59 | 0.83 |
| Female | -0.00038444 | 7,354 | 2.59 | 0.83 |
| Hispanic |  |  |  |  |
| Person Items |  |  |  |  |
| Both Sexes | -0.00029967 | 10,568 | 3.72 | 1.00 |
| Male | -0.00058335 | 10,568 | 3.72 | 1.00 |
| Female | -0.00061623 | 10,568 | 3.72 | 1.00 |
| HOUSEHOLDS |  |  |  |  |
| Total or White | -0.00003787 | 4,122 | 1.45 | 0.88 |
| Black | -0.00027786 | 3,789 | 1.33 | 0.84 |
| Hispanic | -0.00049604 | 5,322 | 1.87 | 1.00 |

Table 3 (Continued) - SIPP Panel 2001 - Indirect Generalized Variance Base Parameters for Wave 7 to Wave 9

| Characteristics | Parameters |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| PERSONS | a | b | DEFF | f |
| Total or White |  |  |  |  |
| 16+ Poverty and Program Participation |  |  |  |  |
| Both Sexes | -0.00003367 | 7,581 | 2.67 | 0.77 |
| Male | -0.00006944 | 7,581 | 2.67 | 0.77 |
| Female | -0.00006537 | 7,581 | 2.67 | 0.77 |
| 16+ Income and Labor Force |  |  |  |  |
| Both Sexes | -0.00002657 | 5,983 | 2.11 | 0.69 |
| Male | -0.00005480 | 5,983 | 2.11 | 0.69 |
| Female | -0.00005159 | 5,983 | 2.11 | 0.69 |
| Other Person Items |  |  |  |  |
| Both Sexes | -0.00003508 | 10,020 | 3.53 | 0.89 |
| Male | -0.00007151 | 10,020 | 3.53 | 0.89 |
| Female | -0.00006885 | 10,020 | 3.53 | 0.89 |
| Black |  |  |  |  |
| Person Items |  |  |  |  |
| Both Sexes | -0.00022157 | 7,953 | 2.80 | 0.79 |
| Male | -0.00048801 | 7,953 | 2.80 | 0.79 |
| Female | -0.00040583 | 7,953 | 2.80 | 0.79 |
| Hispanic |  |  |  |  |
| Person Items |  |  |  |  |
| Both Sexes | -0.00034664 | 12,746 | 4.49 | 1.00 |
| Male | -0.00067557 | 12,746 | 4.49 | 1.00 |
| Female | -0.00071195 | 12,746 | 4.49 | 1.00 |
| HOUSEHOLDS |  |  |  |  |
| Total or White | -0.00004011 | 4,502 | 1.59 | 0.85 |
| Black | -0.00030905 | 4,350 | 1.53 | 0.84 |
| Hispanic | -0.00055052 | 6,204 | 2.18 | 1.00 |

Table 4 - Factors to be Applied to Table 3 Base Parameters to Obtain Parameters for Various Reference Periods
Number of Available
Rotation Months ${ }^{3}$ ..... Factor
Monthly Estimate
1 ..... 4.0000
2 ..... 2.0000
3 ..... 1.3333
4 ..... 1.0000
Quarterly Estimate
6 ..... 1.851981.4074
9 ..... 1.2222
10 ..... 1.0494
11 ..... 1.0370
121.0000

[^1]Table 5 - Base Standard Errors of Estimated Numbers (in thousands) of Households, Families, and Households of Unrelated Residents

| Size of Estimate | Base Standard <br> Error | Size of Estimate | Base Standard <br> Error |
| :---: | :---: | :---: | :---: |
| 200 | 27 | 25,000 | 264 |
| 300 | 33 | 30,000 | 281 |
| 500 | 42 | 40,000 | 303 |
| 750 | 52 | 50,000 | 314 |
| 1,000 | 60 | 60,000 | 314 |
| 2,000 | 84 | 70,000 | 303 |
| 3,000 | 103 | 75,000 | 293 |
| 7,500 | 131 | 80,000 | 280 |
| 10,000 | 159 | 90,000 | 242 |
| 15,000 | 181 | 100,000 | 180 |
|  | 216 | 105,000 | 129 |

Notes: (1) This table is developed based on Wave 1. To account for sample attrition, multiply the base standard error by a factor of 1.09 for estimates including data from Wave 2 and/or Wave 3, a factor of 1.13 for estimates including data from Wave3 and/or Wave 4 and/or Wave 6, and a factor of 1.17 for estimates including data from Wave 7 and/or Wave 8 and/or Wave 9.
(2) Multiply the base standard error in this table by an appropriate $f$ factor provided in Table 3 to obtain the final standard error estimate.

Table 6 - Base Standard Errors of Estimated Numbers (in Thousands) of People

| Size of <br> Estimate | Base Standard <br> Errors | Size of <br> Estimate | Base Standard <br> Errors |
| :---: | :---: | :---: | :---: |
| 200 | 38 | 90,000 | 657 |
| 300 | 46 | 100,000 | 675 |
| 500 | 59 | 110,000 | 688 |
| 750 | 73 | 120,000 | 697 |
| 1,000 | 84 | 130,000 | 703 |
| 2,000 | 118 | 140,000 | 705 |
| 3,000 | 145 | 150,000 | 703 |
| 5,000 | 186 | 160,000 | 698 |
| 7,500 | 227 | 170,000 | 690 |
| 10,000 | 261 | 180,000 | 677 |
| 15,000 | 316 | 190,000 | 661 |
| 25,000 | 401 | 200,000 | 640 |
| 30,000 | 435 | 210,000 | 614 |
| 40,000 | 492 | 220,000 | 583 |
| 50,000 | 539 | 230,000 | 546 |
| 60,000 | 577 | 240,000 | 501 |
| 70,000 | 609 | 250,000 | 446 |
| 75,000 | 623 | 260,000 | 376 |
| 80,000 | 636 | 275,500 | 208 |

Notes: (1) This table is developed based on Wave 1. To account for sample attrition, multiply the base standard error by a factor of 1.09 for estimates including data from Wave 2 and/or Wave 3, a factor of 1.13 for estimates including data from Wave3 and/or Wave 4 and/or Wave 6, and a factor of 1.17 for estimates including data from Wave 7 and/or Wave 8 and/or Wave 9.
(2) Multiply the base standard error in this table by an appropriate $f$ factor provided in Table 3 to obtain the final standard error estimate.

Table 7 - Base Standard Errors of Estimated Percentages of Households, Families, and Households of Unrelated Residents

| Base of Estimated <br> Percentage <br> (in Thousands) | Estimated Percentages |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\leq \mathbf{1}$ or $\geq \mathbf{9 9}$ | $\mathbf{2}$ or 98 | $\mathbf{5}$ or 95 | $\mathbf{1 0}$ or $\mathbf{9 0}$ | $\mathbf{2 5}$ or 75 | $\mathbf{5 0}$ |
| 200 | 1.34 | 1.88 | 2.93 | 4.03 | 5.82 | 6.72 |
| 300 | 1.09 | 1.54 | 2.39 | 3.29 | 4.75 | 5.49 |
| 500 | 0.85 | 1.19 | 1.85 | 2.55 | 3.68 | 4.25 |
| 750 | 0.69 | 0.97 | 1.51 | 2.08 | 3.00 | 3.47 |
| 1,000 | 0.60 | 0.84 | 1.31 | 1.80 | 2.60 | 3.00 |
| 2,000 | 0.42 | 0.59 | 0.93 | 1.27 | 1.84 | 2.12 |
| 3,000 | 0.35 | 0.49 | 0.76 | 1.04 | 1.50 | 1.73 |
| 5,000 | 0.27 | 0.38 | 0.59 | 0.81 | 1.16 | 1.34 |
| 7,500 | 0.22 | 0.31 | 0.48 | 0.66 | 0.95 | 1.10 |
| 10,000 | 0.19 | 0.27 | 0.41 | 0.57 | 0.82 | 0.95 |
| 15,000 | 0.15 | 0.22 | 0.34 | 0.47 | 0.67 | 0.78 |
| 25,000 | 0.12 | 0.17 | 0.26 | 0.36 | 0.52 | 0.60 |
| 30,000 | 0.11 | 0.15 | 0.24 | 0.33 | 0.48 | 0.55 |
| 40,000 | 0.09 | 0.13 | 0.21 | 0.29 | 0.41 | 0.48 |
| 50,000 | 0.08 | 0.12 | 0.19 | 0.25 | 0.37 | 0.42 |
| 60,000 | 0.08 | 0.11 | 0.17 | 0.23 | 0.34 | 0.39 |
| 70,000 | 0.07 | 0.10 | 0.16 | 0.22 | 0.31 | 0.36 |
| 75,000 | 0.07 | 0.10 | 0.15 | 0.21 | 0.30 | 0.35 |
| 80,000 | 0.07 | 0.09 | 0.15 | 0.20 | 0.29 | 0.34 |
| 90,000 | 0.06 | 0.09 | 0.14 | 0.19 | 0.27 | 0.32 |
| 100,000 | 0.06 | 0.08 | 0.13 | 0.18 | 0.26 | 0.30 |
| 105,000 | 0.06 | 0.08 | 0.13 | 0.18 | 0.25 | 0.29 |
|  |  |  |  |  |  |  |

Notes: (1) This table is developed based on Wave 1. To account for sample attrition, multiply the base standard error by a factor of 1.09 for estimates including data from Wave 2 and/or Wave 3, a factor of 1.13 for estimates including data from Wave3 and/or Wave 4 and/or Wave 6, and a factor of 1.17 for estimates including data from Wave 7 and/or Wave 8 and/or Wave 9..
(2) Multiply the base standard error in this table by an appropriate $f$ factor provided in Table 3 to obtain the final standard error estimate.

Table 8 - Base Standard Errors of Estimated Percentages of People

| Base of Estimated <br> Percentage <br> (in Thousands) | Estimated Percentages |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\leq \mathbf{1}$ or $\geq \mathbf{9 9}$ | $\mathbf{2}$ or 98 | $\mathbf{5}$ or 95 | $\mathbf{1 0}$ or $\mathbf{9 0}$ | $\mathbf{2 5}$ or 75 | $\mathbf{5 0}$ |
| 200 | 1.87 | 2.63 | 4.09 | 5.63 | 8.13 | 9.39 |
| 300 | 1.53 | 2.15 | 3.34 | 4.60 | 6.64 | 7.67 |
| 600 | 1.08 | 1.52 | 2.36 | 3.25 | 4.69 | 5.42 |
| 1,000 | 0.84 | 1.18 | 1.83 | 2.52 | 3.64 | 4.20 |
| 2,000 | 0.59 | 0.83 | 1.29 | 1.78 | 2.57 | 2.97 |
| 5,000 | 0.37 | 0.53 | 0.82 | 1.13 | 1.63 | 1.88 |
| 7,500 | 0.31 | 0.43 | 0.67 | 0.92 | 1.33 | 1.53 |
| 10,000 | 0.26 | 0.37 | 0.58 | 0.80 | 1.15 | 1.33 |
| 15,000 | 0.22 | 0.30 | 0.47 | 0.65 | 0.94 | 1.08 |
| 20,000 | 0.19 | 0.26 | 0.41 | 0.56 | 0.81 | 0.94 |
| 25,000 | 0.17 | 0.24 | 0.37 | 0.50 | 0.73 | 0.84 |
| 30,000 | 0.15 | 0.21 | 0.33 | 0.46 | 0.66 | 0.77 |
| 50,000 | 0.12 | 0.17 | 0.26 | 0.36 | 0.51 | 0.59 |
| 75,000 | 0.10 | 0.14 | 0.21 | 0.29 | 0.42 | 0.48 |
| 100,000 | 0.08 | 0.12 | 0.18 | 0.25 | 0.36 | 0.42 |
| 125,000 | 0.07 | 0.11 | 0.16 | 0.23 | 0.33 | 0.38 |
| 150,000 | 0.07 | 0.10 | 0.15 | 0.21 | 0.30 | 0.34 |
| 200,000 | 0.06 | 0.08 | 0.13 | 0.18 | 0.26 | 0.30 |
| 225,000 | 0.06 | 0.08 | 0.12 | 0.17 | 0.24 | 0.28 |
| 250,000 | 0.05 | 0.07 | 0.12 | 0.16 | 0.23 | 0.27 |
| 260,000 | 0.05 | 0.07 | 0.11 | 0.16 | 0.23 | 0.26 |
| 275,500 | 0.05 | 0.07 | 0.11 | 0.15 | 0.22 | 0.25 |

Notes: (1) This table is developed based on Wave 1. To account for sample attrition, multiply the base standard error by a factor of 1.09 for estimates including data from Wave 2 and/or Wave 3, a factor of 1.13 for estimates including data from Wave3 and/or Wave 4 and/or Wave 6, and a factor of 1.17 for estimates including data from Wave 7 and/or Wave 8 and/or Wave 9.
(2) Multiply the base standard error in this table by an appropriate $f$ factor provided in Table 3 to obtain the final standard error estimate.

Table 9 - Topical Module Generalized Variance Parameters for the SIPP Panel 2001


#### Abstract

\section*{Characteristics}

Employment History, Wave 1

Both Sexes 18+ Males 18+ Females 18+

Parameters a -0.00001950 -0.00004051 -0.00003760 4,263 4,263 4,263

Recipiency History, Wave 1 $-0.00002444$ -0.00005077 -0.00004712 5,342 oth Sexes 18+ Males 18+ Females 18+ 5,342 5,342 Fertility History, Wave 2 Women Births -0.00003819 -0.00006964 4,349 7,929

Education Attainment, Wave 2

Marital Status and Person's Family Characteristics, Wave 2

\section*{Some Household Members} All Household Members

Child Support | Wave 5 | -0.00006353 | 7,283 |
| :--- | :--- | :--- |
| Wave 8 | -0.00007893 | 9,245 |

Support for Non-Household Members | Wave 5 | -0.00003295 | 7,283 |
| :--- | :--- | :--- |
| Wave 8 | -0.00004094 | 9,245 |

Health and Disability | Wave 5 | -0.00003139 | 9,113 |
| :--- | :--- | :--- |
| Wave 8 | -0.00002892 | 8,446 |


## Characteristics

Child Care, Age 0 to 15, Wave 4

Welfare History and AFDC

Parameters

| $\mathbf{a}$ | $\mathbf{b}$ |
| :---: | :--- |
| -0.00009227 | 6,437 |

6,437

| -0.00007451 | 15,858 |
| :--- | :--- |
| -0.00015497 | 15,858 |
| -0.00014375 | 15,858 |
| -0.00007804 | 16,849 |
| -0.00016172 | 16,849 |
| -0.00015088 | 16,849 |

## Assets and Liabilities

| Wave 3 | -0.00002722 | 5,980 |
| :--- | :--- | :--- |
| Wave 6 | -0.00002723 | 6,039 |
| Wave 9 | -0.00002943 | 6,637 |

Table 10 - Distribution of Monthly Cash Income Among People 25 to 34 Years Old (Not Actual Data and to Be Used for Only Calculation Illustrations)

|  | Interval of Monthly Cash Income |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Under \$300 | $\begin{gathered} \$ 300 \\ \text { to } \\ \$ 599 \end{gathered}$ | $\begin{gathered} \$ 600 \\ \text { to } \\ \$ 899 \end{gathered}$ | $\begin{gathered} \$ 900 \\ \text { to } \\ \$ 1,119 \end{gathered}$ | $\begin{gathered} \$ 1,200 \\ \text { to } \\ \$ 1,499 \end{gathered}$ | $\begin{gathered} \$ 1,500 \\ \text { to } \\ \$ 1,999 \end{gathered}$ | $\begin{gathered} \$ 2,000 \\ \text { to } \\ \$ 2,499 \end{gathered}$ | $\begin{gathered} \$ 2,500 \\ \text { to } \\ \$ 2,999 \end{gathered}$ | $\begin{gathered} \$ 3,000 \\ \text { to } \\ \$ 3,499 \end{gathered}$ | $\begin{gathered} \$ 3,500 \\ \text { to } \\ \$ 3,999 \end{gathered}$ | $\begin{gathered} \$ 4,000 \\ \text { to } \\ \$ 4,999 \end{gathered}$ | $\begin{gathered} \$ 5,000 \\ \text { to } \\ \text { to,999 } \end{gathered}$ | $\begin{gathered} \$ 6,000 \\ \text { and } \\ \text { Over } \end{gathered}$ |
| Number of People in Each Interval (in thousands) | 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 of People with at Least as Much as Lower Bound of Each Interval (in thousands) | $\begin{gathered} 39,851 \\ \text { (Total } \\ \text { People) } \end{gathered}$ | 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 of People with at Least as Much as Lower Bound of Each Interval | 100 | 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

| Item S | ScFac | Tota 1 | NonNum | NegNum | Val-R | Val-D | Val-0 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SSUSEQ | 3 | 289300 | 0 | 0 | 0 | 0 | 0 | 9171 | 9815 | 9298 | 9349 | 9693 | 10196 | 9683 | 9847 | 9258 | 9561 |
| SSUID | 0 | 289300 | 289300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SPANEL | 2 | 289300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SWAVE | 0 | 289300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 289300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SROTATON | N 0 | 289300 | 0 | 0 | 0 | 0 | 0 | 0 | 72065 | 72370 | 72068 | 72797 | 0 | 0 | 0 | 0 | 0 |
| SREFMON | 0 | 289300 | 0 | 0 | 0 | 0 | 0 | 0 | 72014 | 72159 | 72420 | 72707 | 0 | 0 | 0 | 0 | 0 |
| RHCALMN | 0 | 289300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17956 | 36002 | 54000 | 72312 | 54383 | 36335 | 18312 | 0 |
| RHCALYR | 2 | 289300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SHHADID | 1 | 289300 | 0 | 0 | 0 | 0 | 0 | 0 | 280977 | 8323 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| GVARSTR | 1 | 289300 | 0 | 0 | 0 | 0 | 0 | 23609 | 28975 | 26591 | 26401 | 26830 | 28392 | 26925 | 28497 | 28011 | 27732 |
| GHLFSAM | 0 | 289300 | 0 | 0 | 0 | 0 | 0 | 0 | 142069 | 147231 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| GRGC | 1 | 289300 | 0 | 0 | 0 | 0 | 2476 | 27077 | 30973 | 26525 | 26197 | 27470 | 35179 | 27302 | 23215 | 29497 | 30009 |
| TFIPSST | 0 | 289300 | 0 | 0 | 0 | 0 | 0 | 0 | 4430 | 699 | 0 | 6620 | 2397 | 34349 | 0 | 3335 | 3489 |
| TMOVRFLG | G 0 | 289300 | 0 | 0 | 0 | 0 | 4490 | 0 | 277583 | 4846 | 1226 | 868 | 49 | 238 | 0 | 0 | 0 |
| EOUTCOME | E 1 | 289300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RHNF | 0 | 289300 | 0 | 0 | 0 | 0 | 0 | 0 | 241897 | 38938 | 6101 | 1390 | 588 | 266 | 61 | 59 | 0 |
| RHNFAM | 0 | 289300 | 0 | 0 | 0 | 0 | 0 | 0 | 258363 | 25441 | 3586 | 1076 | 525 | 210 | 40 | 59 | 0 |
| RHNSF | 0 | 289300 | 0 | 0 | 0 | 0 | 270727 | 0 | 17035 | 1522 | 16 | 0 | 0 | 0 | 0 | 0 | 0 |
| EHREFPER | R 2 | 289300 | 0 | 0 | 0 | 0 | 0 | 0 | 287793 | 1507 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EHHNUMPP | P 1 | 289300 | 0 | 0 | 0 | 0 | 0 | 286687 | 2572 | 41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RHTYPE | 0 | 289300 | 0 | 0 | 0 | 0 | 0 | 0 | 186668 | 14730 | 45449 | 20264 | 21664 | 525 | 0 | 0 | 0 |
| WHFNWGT | 8 | 289300 | 0 | 0 | 0 | 0 | 0 | 288721 | 559 | 12 | 0 | 0 | 8 | 0 | 0 | 0 | 0 |
| TMETRO | 0 | 289300 | 0 | 0 | 0 | 0 | 0 | 0 | 221338 | 67962 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TMSA | 2 | 289300 | 0 | 0 | 0 | 0 | 109509 | 100236 | 812 | 1114 | 0 | 0 | 3924 | 1679 | 469 | 545 | 0 |
| RHCHANGE | E 0 | 289300 | 0 | 0 | 0 | 0 | 0 | 0 | 7319 | 281981 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RHNSSR | 0 | 289300 | 0 | 0 | 0 | 0 | 225635 | 0 | 37740 | 23676 | 1656 | 477 | 40 | 76 | 0 | 0 | 0 |
| EACCESS | 0 | 289300 | 0 | 0 | 0 | 0 | 289300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AACCESS | 0 | 289300 | 0 | 0 | 0 | 0 | 289300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EUNITS | 0 | 289300 | 0 | 0 | 0 | 0 | 289300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AUNITS | 0 | 289300 | 0 | 0 | 0 | 0 | 289300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ELIVQRT | 0 | 289300 | 0 | 0 | 0 | 0 | 289300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ALIVQRT | 0 | 289300 | 0 | 0 | 0 | 0 | 289300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ETENURE | 0 | 289300 | 0 | 0 | 0 | 0 | 0 | 0 | 199086 | 84782 | 5432 | 0 | 0 | 0 | 0 | 0 | 0 |
| ATENURE | 0 | 289300 | 0 | 0 | 0 | 0 | 288882 | 0 | 64 | 0 | 0 | 354 | 0 | 0 | 0 | 0 | 0 |
| EPUBHSE | 0 | 289300 | 0 | 202104 | 0 | 0 | 0 | 0 | 8598 | 78598 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| APUBHSE | 0 | 289300 | 0 | 0 | 0 | 0 | 287701 | 0 | 133 | 0 | 57 | 1409 | 0 | 0 | 0 | 0 | 0 |
| EGVTRNT | 0 | 289300 | 0 | 210702 | 0 | 0 | 0 | 0 | 5037 | 73561 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AGVTRNT | 0 | 289300 | 0 | 0 | 0 | 0 | 288381 | 0 | 52 | 0 | 281 | 586 | 0 | 0 | 0 | 0 | 0 |
| TMTHRNT | 4 | 289300 | 0 | 0 | 0 | 0 | 277439 | 11861 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AMTHRNT | 0 | 289300 | 0 | 0 | 0 | 0 | 287914 | 0 | 446 | 0 | 0 | 940 | 0 | 0 | 0 | 0 | 0 |
| EWRSECT8 | 80 | 289300 | 0 | 284263 | 0 | 0 | 0 | 0 | 3086 | 1951 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AWRSECT8 | 80 | 289300 | 0 | 0 | 0 | 0 | 289002 | 0 | 91 | 0 | 6 | 201 | 0 | 0 | 0 | 0 | 0 |
| EUTILYN | 0 | 289300 | 0 | 275428 | 0 | 0 | 0 | 0 | 10047 | 3825 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AUTILYN | 0 | 289300 | 0 | 0 | 0 | 0 | 288572 | 0 | 248 | 0 | 0 | 480 | 0 | 0 | 0 | 0 | 0 |
| EEGYAST | 0 | 289300 | 0 | 992 | 0 | 0 | 0 | 0 | 6031 | 282277 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |


| AEGYAST | 0 | 289300 | 0 | 0 | 0 | 0 | 279303 | 0 | 9128 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| :--- | ---: | :--- | :--- | ---: | :--- | :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| EEGYPMT1 | 0 | 289300 | 0 | 283269 | 0 | 0 | 0 | 0 | 734 | 5297 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EEGYPMT2 | 0 | 289300 | 0 | 283269 | 0 | 0 | 0 | 0 | 180 | 5851 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EEGYPMT3 | 0 | 289300 | 0 | 283269 | 0 | 0 | 0 | 0 | 5193 | 838 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEGYPMT | 0 | 289300 | 0 | 0 | 0 | 0 | 288897 | 0 | 168 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EEGYAMT | 3 | 289300 | 0 | 0 | 0 | 0 | 288414 | 886 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEGYAMT | 0 | 289300 | 0 | 0 | 0 | 0 | 289167 | 0 | 40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EHOTLUNC | 0 | 289300 | 0 | 145258 | 0 | 0 | 0 | 0 | 78151 | 65891 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AHOTLUNC | 0 | 289300 | 0 | 0 | 0 | 0 | 283128 | 0 | 638 | 0 | 0 | 5534 | 0 | 0 | 0 | 0 | 0 |
| RNKLUN | 0 | 289300 | 0 | 211149 | 0 | 0 | 0 | 0 | 35259 | 25631 | 11669 | 3647 | 1397 | 548 | 0 | 0 | 0 |
| EFREELUN | 0 | 289300 | 0 | 211149 | 0 | 0 | 0 | 0 | 43138 | 35013 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |


| Item S | ScFac | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SSUSEQ | 3 | 9733 | 9327 | 9496 | 9591 | 10077 | 9780 | 9856 | 9548 | 10303 | 10276 | 9580 | 8933 | 9361 | 9472 | 9222 |
| SSUID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SPANEL | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 289300 | 0 | 0 | 0 | 0 |
| SWAVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SROTATON | N 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SREFMON | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RHCALMN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RHCALYR | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 289300 | 0 | 0 | 0 | 0 |
| SHHADID | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| GVARSTR | 1 | 17337 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| GHLFSAM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| GRGC | 1 | 3380 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TFIPSST | 0 | 909 | 767 | 16927 | 8227 | 0 | 650 | 1775 | 12937 | 6086 | 2837 | 2978 | 4557 | 4530 | 0 | 4652 |
| TMOVRFLG | G 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EOUTCOME | E 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 285095 | 35 | 0 | 0 | 12 |
| RHNF | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RHNFAM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RHNSF | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EHREFPER | R 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EHHNUMPP | P 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RHTYPE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WHFNWGT | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TMETRO | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TMSA | 2 | 998 | 0 | 999 | 0 | 588 | 1020 | 0 | 486 | 1898 | 0 | 1254 | 480 | 0 | 734 | 591 |
| RHCHANGE | E 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RHNSSR | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EACCESS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AACCESS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EUNITS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AUNITS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ELIVQRT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ALIVQRT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ETENURE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ATENURE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EPUBHSE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| APUBHSE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EGVTRNT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AGVTRNT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TMTHRNT | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AMTHRNT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EWRSECT8 | 80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AWRSECT8 | 80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EUTILYN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AUTILYN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EEGYAST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEGYAST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EEGYPMT1 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EEGYPMT2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EEGYPMT3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEGYPMT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |


| EEGYAMT | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| AEGYAMT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EHOTLUNC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
| AHOTLUNC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |
| RNKLUN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |  |  |  |  |  |
| EFREELUN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|  |  |  |  |  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |


| Item ScF | ScFac | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SSUSEQ | 3 | 9602 | 9688 | 9529 | 9444 | 10335 | 276 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SSUID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SPANEL | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SWAVE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SROTATON | N 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SREFMON | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RHCALMN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RHCALYR | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SHHADID | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| GVARSTR | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| GHLFSAM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| GRGC | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TFIPSST | 0 | 5622 | 9371 | 5642 | 3750 | 7053 | 1709 | 2618 | 1489 | 1619 | 8656 | 1035 | 18365 | 8902 | 0 | 11045 |
| TMOVRFLG | G 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EOUTCOME | E 1 | 226 | 49 | 3883 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RHNF | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RHNFAM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RHNSF | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EHREFPER | R 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EHHNUMPP | P 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RHTYPE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WHFNWGT | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TMETRO | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TMSA | 2 | 571 | 0 | 2097 | 1427 | 0 | 759 | 1799 | 693 | 634 | 1889 | 0 | 1775 | 619 | 1272 | 460 |
| RHCHANGE | E 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RHNSSR | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EACCESS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AACCESS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EUNITS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AUNITS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ELIVQRT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ALIVQRT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ETENURE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ATENURE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EPUBHSE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| APUBHSE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EGVTRNT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AGVTRNT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TMTHRNT | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AMTHRNT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EWRSECT8 | 80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AWRSECT8 | 80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EUTILYN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AUTILYN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EEGYAST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEGYAST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EEGYPMT1 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EEGYPMT2 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EEGYPMT3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEGYPMT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |


| EEGYAMT | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
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| AEGYAMT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EHOTLUNC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AHOTLUNC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RNKLUN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Efreelun | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



| EEGYAMT | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
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| AEGYAMT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EHOTLUNC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AHOTLUNC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RNKLUN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |  |  |  |  |  |  |
| EFREELUN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |  |



| EEGYAMT | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
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| AEGYAMT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EHOTLUNC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AHOTLUNC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RNKLUN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Efreelun | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

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| EEGYAMT | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
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| AEGYAMT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EHOTLUNC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AHOTLUNC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RNKLUN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Efreelun | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



| EEGYAMT | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
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| AEGYAMT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EHOTLUNC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AHOTLUNC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RNKLUN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Efreelun | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |


| Item Sc | ScFac | Total | NonNum | NegNum | Va1-R | Va1-D | Val-0 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
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| AFREELUN | 0 | 289300 | 0 | 0 | 0 |  | 285426 | 0 | 505 | 0 | 0 | 3369 | 0 | 0 | 0 | 0 | 0 |
| EFRERDLN | N 0 | 289300 | 0 | 246162 | 0 | 0 | 0 | 0 | 35327 | 7811 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AFRERDLN | N 0 | 289300 | 0 | 0 | 0 | 0 | 286647 | 0 | 398 | 0 | 0 | 2255 | 0 | 0 | 0 | 0 | 0 |
| EBRKFST | 0 | 289300 | 0 | 145258 | 0 | 0 | 0 | 0 | 35644 | 108398 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ABRKFST | 0 | 289300 | 0 | 0 | 0 | 0 | 282929 | 0 | 647 | 0 | 0 | 5724 | 0 | 0 | 0 | 0 | 0 |
| RNKBRK | 0 | 289300 | 0 | 253656 | 0 | 0 | 0 | 0 | 15465 | 10933 | 5770 | 2070 | 770 | 636 | 0 | 0 | 0 |
| EFREEBRK | - 0 | 289300 | 0 | 253656 | 0 | 0 | 0 | 0 | 29742 | 5902 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AFREEBRK | K 0 | 289300 | 0 | 0 | 0 | 0 | 287303 | 0 | 226 | 0 | 0 | 1771 | 0 | 0 | 0 | 0 | 0 |
| EFRERDBK | - 0 | 289300 | 0 | 259558 | 0 | 0 | 0 | 0 | 26309 | 3433 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AFRERDBK | - 0 | 289300 | 0 | 0 | 0 | 0 | 287587 | 0 | 123 | 0 | 0 | 1590 | 0 | 0 | 0 | 0 | 0 |
| RPRGQUES | 0 | 289300 | 0 | 0 | 0 | 0 | - 778 | 0 | 285465 | 214 | 2843 | 0 | 0 | 0 | 0 | 0 | 0 |
| THEARN | 5 | 289300 | 0 | 0 | 0 | 0 | 46485 | 242815 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| THPRPINC | - 6 | 289300 | 0 | 1837 | 0 | 0 | 117434 | 170029 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| THTRNINC | - 5 | 289300 | 0 | 0 | 0 | 0 | 265755 | 23545 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| THOTHINC | - 5 | 289300 | 0 | 0 | 0 | 0 | 187385 | 101915 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| THTOTINC | - 6 | 289300 | 0 | 36 | 0 | 0 | - 3809 | 285455 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RHNBRF | 0 | 289300 | 0 | 0 | 0 | 0 | 0 | 0 | 84684 | 204616 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RHCBRF | 0 | 289300 | 0 | 0 | 0 | 0 | 0 | 0 | 23545 | 265755 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RHMTRF | 0 | 289300 | 0 | 0 | 0 | 0 | 0 | 0 | 85941 | 203359 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RHPOV | 3 | 289300 | 0 | 0 | 0 | 0 | 0 | 93530 | 172896 | 21202 | 1672 | 0 | 0 | 0 | 0 | 0 | 0 |
| THPNDIST | T 5 | 289300 | 0 | 0 | 0 | 0 | 286880 | 2420 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| THLUMPSM | - 6 | 289300 | 0 | 0 | 0 | 0 | 288936 | 364 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| THNONCSH | H 4 | 289300 | 0 | 0 | 0 | 0 | - 253254 | 36046 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| THSOCSEC | C 4 | 289300 | 0 | 0 | 0 | 0 | - 225629 | 63663 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| THSSI | 4 | 289300 | 0 | 0 | 0 | 0 | - 274675 | 14625 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| THUNEMP | 4 | 289300 | 0 | 0 | 0 | 0 | - 283460 | 5835 | 2 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 |
| THVETS | 4 | 289300 | 0 | 0 | 0 | 0 | - 283625 | 5671 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| THAFDC | 4 | 289300 | 0 | 0 | 0 | 0 | 282262 | 7038 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| THFDSTP | 4 | 289300 | 0 | 0 | 0 | 0 | - 266414 | 22886 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RFID | 1 | 289300 | 0 | 0 | 0 | 0 | 0 | 286246 | 2928 | 115 | 11 | 0 | 0 | 0 | 0 | 0 | 0 |
| RFID2 | 1 | 289300 | 0 | 9412 | 0 | 0 | 0 | 277291 | 2471 | 115 | 11 | 0 | 0 | 0 | 0 | 0 | 0 |
| EFNP | 0 | 289300 | 0 | 0 | 0 | 0 | 0 | 0 | 45455 | 66586 | 53034 | 62768 | 34510 | 14532 | 6447 | 2984 | 963 |
| EFREFPER | R 2 | 289300 | 0 | 0 | 0 | 0 | 0 | 0 | 287071 | 2229 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EFSPOUSE | - 2 | 289300 | 0 | 0 | 0 | 0 | 0 | 0 | 184241 | 1675 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EFTYPE | 0 | 289300 | 0 | 0 | 0 | 0 | 0 | 0 | 242070 | 0 | 1775 | 34494 | 10961 | 0 | 0 | 0 | 0 |
| RFCHANGE | - 0 | 289300 | 0 | 0 | 0 | 0 | 0 | 0 | 4866 | 284434 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EFKIND | 0 | 289300 | 0 | 0 | 0 | 0 | 0 | 0 | 185916 | 35053 | 68331 | 0 | 0 | 0 | 0 | 0 | 0 |
| RFNKIDS | 0 | 289300 | 0 | 0 | 0 | 0 | 127407 | 0 | 51952 | 61143 | 31448 | 10993 | 3402 | 1794 | 442 | 367 | 186 |
| RFOWNKID | 0 | 289300 | 0 | 0 | 0 | 0 | 107519 | 0 | 58406 | 68145 | 36106 | 12278 | 4148 | 1720 | 378 | 333 | 158 |
| RFOKLT18 | 8 | 289300 | 0 | 0 | 0 | 0 | 141705 | 0 | 47756 | 57254 | 28702 | 9346 | 2647 | 1144 | 328 | 195 | 114 |
| RFNSSR | 0 | 289300 | 0 | 0 | 0 | 0 | 227113 | 0 | 37195 | 23047 | 1446 | 419 | 35 | 45 | 0 | 0 | 0 |
| WFFINWGT | T 8 | 289300 | 0 | 0 | 0 | 0 | 0 | 288701 | 575 | 12 | 4 | 0 | 4 | 4 | 0 | 0 | 0 |
| TFEARN | 5 | 289300 | 0 | 0 | 0 | 0 | 51180 | 238120 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TFPRPINC | - 6 | 289300 | 0 | 1777 | 0 | 0 | 122033 | 165490 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TFTRNINC | - 5 | 289300 | 0 | 0 | 0 | 0 | 267315 | 21985 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TFOTHINC | C 5 | 289300 | 0 | 0 | 0 | 0 | 190880 | 98420 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TFTOTINC | - 6 | 289300 | 0 | 39 | 0 | 0 | - 6733 | 282528 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RFPOV | 3 | 289300 | 0 | 0 | 0 | 0 | - 459 | 101996 | 167098 | 18530 | 1217 | 0 | 0 | 0 | 0 | 0 | 0 |
| TFPNDIST | T 5 | 289300 | 0 | 0 | 0 | 0 | 286913 | 2387 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
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| EFRERDLN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AFRERDLN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EBRKFST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ABRKFST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RNKBRK | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EFREEBRK | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AFREEBRK | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
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| AFRERDBK | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RPRGQUES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| THEARN | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| THPRPINC | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| THTRNINC | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| THOTHINC | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| THTOTINC | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RHNBRF | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RHCBRF | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RHMTRF | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RHPOV | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| THPNDIST | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| THLUMPSM | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| THNONCSH | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| THSOCSEC | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| THSSI | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| THUNEMP | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| THVETS | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| THAFDC | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| THFDSTP | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RFID | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RFID2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EFNP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EFREFPER | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EFSPOUSE | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 103384 |
| EFTYPE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RFCHANGE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EFKIND | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RFNKIDS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RFOWNKID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RFOKLT18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RFNSSR | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WFFINWGT | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TFEARN | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TFPRPINC | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TFTRNINC | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TFOTHINC | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TFTOTINC | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RFPOV | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TFPNDIST | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TFLUMPSM | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

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| RSID | 1 | 289300 |  | 0278113 | 0 | 0 | 0 | 10453 | 715 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ESFNP | 0 | 289300 |  | 0279888 | 0 | 0 | 0 | 0 | 0 | 4788 | 2331 | 1424 | 565 | 234 | 70 | 0 | 0 |
| ESFRFPER | R 2 | 289300 |  | 0279888 | 0 | 0 | 0 | 0 | 8957 | 455 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ESFSPSE | 2 | 289300 |  | 0279888 | 0 | 0 | 0 | 0 | 3977 | 321 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ESFTYPE | 0 | 289300 |  | 0279888 | 0 | 0 | 0 | 0 | 0 | 9412 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ESFKIND | 0 | 289300 |  | 0279888 | 0 | 0 | 0 | 0 | 4298 | 573 | 4541 | 0 | 0 | 0 | 0 | 0 | 0 |
| RSCHANGE | E 0 | 289300 |  | 0 0 | 0 |  | 0279888 | 0 | 297 | 9115 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ESOWNKID | 0 | 289300 |  | 0279888 | 0 | 0 | - 1908 | 0 | 3750 | 2337 | 988 | 287 | 114 | 28 | 0 | 0 | 0 |
| ESOKLT18 | 80 | 289300 |  | 0279888 | 0 | 0 | O 1908 | 0 | 3750 | 2337 | 988 | 287 | 114 | 28 | 0 | 0 | 0 |
| WSFINWGT | T 8 | 289300 |  | 0279888 | 0 | 0 | 0 | 9380 | 32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TSFEARN | 5 | 289300 |  | 00 | 0 |  | 0 282731 | 6569 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TSPRPINC | C 6 | 289300 | 0 | 00 | 0 |  | 0286893 | 2407 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TSTRNINC | C 5 | 289300 |  | 00 | 0 |  | - 288330 | 970 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TSOTHINC | C 5 | 289300 | 0 | 00 | 0 |  | - 287064 | 2236 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TSTOTINC | C 6 | 289300 | 0 | 00 | 0 |  | 0281180 | 8120 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RSFPOV | 3 | 289300 |  | 00 | 0 |  | 0279888 | 1908 | 7434 | 70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TSPNDIST | T 5 | 289300 |  | 00 | 0 |  | 0289286 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TSLUMPSM | M 6 | 289300 | 0 | 00 | 0 |  | 0289298 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TSSOCSEC | C 4 | 289300 |  | 00 | 0 |  | O 288603 | 697 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TSSSI | 4 | 289300 | 0 | 00 | 0 |  | 0288968 | 332 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TSVETS | 4 | 289300 | 0 | $0 \quad 0$ | 0 |  | 0289194 | 106 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TSUNEMP | 4 | 289300 |  | 00 | 0 |  | - 289199 | 101 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TSAFDC | 4 | 289300 | 0 | 00 | 0 |  | - 288751 | 549 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TSFDSTP | 4 | 289300 | 0 | 00 | 0 | 0 | 0287993 | 1307 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EENTAID | 1 | 289300 |  | 00 | 0 | 0 | 0 | 0 | 287917 | 1383 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
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| EPOPSTAT | T 0 | 289300 | 0 | 00 | 0 | 0 | 0 | 0 | 223391 | 65909 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
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| ABMNTH | 0 | 289300 | 0 | 00 | 0 |  | 280858 | 0 | 0 | 0 | 1161 | 0 | 0 | 7281 | 0 | 0 | 0 |
| TBYEAR | 2 | 289300 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ABYEAR | 0 | 289300 | 0 | 00 | 0 |  | 281023 | 0 | 0 | 0 | 1797 | 0 | 0 | 6480 | 0 | 0 | 0 |
| ESEX | 0 | 289300 | 0 | 00 | 0 | 0 | 0 | 0 | 139568 | 149732 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ASEX | 0 | 289300 | 0 | 00 | 0 |  | 288769 | 0 | 0 | 0 | 158 | 0 | 0 | 373 | 0 | 0 | 0 |
| ERACE | 0 | 289300 | 0 | 00 | 0 | 0 | 0 | 0 | 233292 | 40662 | 3918 | 11428 | 0 | 0 | 0 | 0 | 0 |
| ARACE | 0 | 289300 | 0 | 00 | 0 |  | 275056 | 0 | 0 | 0 | 13733 | 0 | 0 | 511 | 0 | 0 | 0 |
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| EAFNOW | 0 | 289300 | 0 | 0274252 | 0 | 0 | 0 | 0 | 830 | 14218 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
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| ESFR | 0 | 289300 | 0 | 0 | 0 |  | 0278113 | 0 | 4399 | 1673 | 5115 | 0 | 0 | 0 | 0 | 0 | 0 |
| ESFT | 0 | 289300 | 0 | 0 | 0 |  | 0232658 | 0 | 10961 | 1775 | 9412 | 34494 | 0 | 0 | 0 | 0 | 0 |
| TAGE | 0 | 289300 | 0 | 0 | 0 |  | 03777 | 0 | 4391 | 4607 | 4378 | 4508 | 4241 | 4292 | 4385 | 4468 | 4550 |
| AAGE | 0 | 289300 | 0 | 0 | 0 |  | 0283002 | 0 | 0 | 0 | 32 | 0 | 0 | 6266 | 0 | 0 | 0 |
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| EMS | 0 | 289300 | 0 | 0 | 0 |  | 0 0 | 0 | 118452 | 2702 | 14648 | 22043 | 5151 | 126304 | 0 | 0 | 0 |
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| EPNSPOUS | 2 | 289300 | 0 | 0 | 0 |  | 0 0 | 0 | 117527 | 925 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| APNSPOUS | 0 | 289300 | 0 | 0 | 0 |  | 0288886 | 0 | 0 | 0 | 24 | 0 | 0 | 390 | 0 | 0 | 0 |
| EPNMOM | 2 | 289300 | 0 | 0 | 0 |  | 00 | 0 | 94888 | 808 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| APNMOM | 0 | 289300 | 0 | 0 | 0 |  | 0288230 | 0 | 0 | 0 | 35 | 0 | 0 | 1035 | 0 | 0 | 0 |
| EPNDAD | 2 | 289300 | 0 | 0 | 0 |  | 00 | 0 | 71936 | 722 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
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| EPNGUARD | 2 | 289300 | 0 | 202424 | 0 |  | 00 | 0 | 85237 | 620 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| APNGUARD | 0 | 289300 | 0 | 0 | 0 |  | 0288477 | 0 | 0 | 0 | 441 | 0 | 0 | 382 | 0 | 0 | 0 |
| ETYPMOM | 0 | 289300 | 0 | 193604 | 0 |  | 00 | 0 | 92964 | 1521 | 1211 | 0 | 0 | 0 | 0 | 0 | 0 |
| ATYPMOM | 0 | 289300 | 0 | 0 | 0 |  | 0287320 | 0 | 0 | 0 | 741 | 0 | 0 | 1239 | 0 | 0 | 0 |
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| RDESGPNT | 0 | 289300 | 0 | 66449 | 0 |  | 00 | 0 | 82895 | 139956 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ULFTMAIN | 0 | 289300 | 0 | 0 | 0 |  | 0276056 | 0 | 229 | 79 | 49 | 155 | 563 | 345 | 185 | 1057 | 301 |
| UENTMAIN | 0 | 289300 | 0 | 0 | 0 |  | 0286396 | 0 | 463 | 262 | 0 | 157 | 13 | 1 | 52 | 263 | 43 |
| TPEARN | 5 | 289300 | 0 | 0 | 0 |  | 0151227 | 138073 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TPPRPINC | 6 | 289300 | 0 | 1061 | 0 |  | 0177313 | 110926 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TPTRNINC | 5 | 289300 | 0 | 0 | 0 |  | 0280043 | 9257 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TPOTHINC | 5 | 289300 | 0 | 0 | 0 |  | 0231895 | 57405 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TPTOTINC | 6 | 289300 | 0 | 144 | 0 |  | 092227 | 196929 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TPPNDIST | 3 | 289300 | 0 | 0 | 0 |  | 0287860 | 920 | 226 | 96 | 56 | 33 | 30 | 11 | 6 | 15 | 5 |
| TPLUMPSM | 4 | 289300 | 0 | 0 | 0 |  | 0289159 | 132 | 1 | 3 | 0 | 4 | 1 | 0 | 0 | 0 | 0 |
| EHTLNYN | 0 | 289300 | 0 | 254525 | 0 |  | $0 \quad 0$ | 0 | 31838 | 2937 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AHTLNYN | 0 | 289300 | 0 | 0 | 0 |  | 0288049 | 0 | 845 | 0 | 406 | 0 | 0 | 0 | 0 | 0 | 0 |
| EBKFSYN | 0 | 289300 | 0 | 272945 | 0 |  | 00 | 0 | 14648 | 1707 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ABKFSYN | 0 | 289300 | 0 | 0 | 0 |  | 0288737 | 0 | 330 | 0 | 233 | 0 | 0 | 0 | 0 | 0 | 0 |
| RCUTYP01 | 0 | 289300 | 0 | 0 | 0 |  | 00 | 0 | 42830 | 246470 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RCUOWN01 | 2 | 289300 | 0 | 0 | 0 |  | 0246470 | 0 | 42555 | 275 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RCUTYP03 | 0 | 289300 | 0 | 0 | 0 |  | 00 | 0 | 7047 | 282253 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RCUOWN03 | 2 | 289300 | 0 | 0 | 0 |  | 0282253 | 0 | 6959 | 88 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RCUTYP04 | 0 | 289300 | 0 | 0 | 0 |  | $0 \quad 0$ | 0 | 245 | 289055 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RCUOWN04 | 2 | 289300 | 0 | 0 | 0 |  | 0289055 | 0 | 245 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RCUTYP08 | 0 | 289300 | 0 | 0 | 0 |  | 00 | 0 | 2697 | 286603 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RCUOWN8A | 2 | 289300 | 0 | 0 | 0 |  | 0286603 | 0 | 2660 | 37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RCUOWN8B | 2 | 289300 | 0 | 0 | 0 |  | 0289278 | 0 | 17 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RCUTYP20 | 0 | 289300 | 0 | 0 | 0 |  | 00 | 0 | 4353 | 284947 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RCUOWN20 | 2 | 289300 | 0 | 0 | 0 |  | 0284947 | 0 | 4301 | 52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RCUTYP21 | 0 | 289300 | 0 | 0 | 0 |  | 0 0 | 0 | 450 | 288850 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
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| RCUOW21B | 2 | 289300 | 0 | 0 | 0 |  | 0289296 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |


| RCUTYP23 | 0 | 289300 | 0 | 0 | 0 | 0 | 0 | 0 | 223 | 289077 | 0 | 0 | 0 | 0 | 0 | 0 |
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| RCUOWN23 | 2 | 289300 | 0 | 0 | 0 | 0 | 289077 | 0 | 223 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RCUTYP24 | 0 | 289300 | 0 | 0 | 0 | 0 | 0 | 0 | 565 | 288735 | 0 | 0 | 0 | 0 | 0 | 0 |
| RCUOW24A | 2 | 289300 | 0 | 0 | 0 | 0 | 288735 | 0 | 561 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| RCUOW24B | 2 | 289300 | 0 | 0 | 0 | 0 | 289300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RCUTYP25 | 0 | 289300 | 0 | 0 | 0 | 0 | 0 | 0 | 6355 | 282945 | 0 | 0 | 0 | 0 | 0 | 0 |



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| RCUOW24A | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RCUOW24B | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

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| RCUOWN23 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RCUTYP24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RCUOW24A | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RCUOW24B | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |


| Item S |  | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 |
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| AAFSRVDI | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WPFINWGT | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ESFR | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ESFT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TAGE | 0 | 4771 | 4779 | 4613 | 4488 | 4795 | 4365 | 4351 | 4279 | 4030 | 4044 | 4034 | 3616 | 3425 | 3597 | 3810 |
| AAGE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ERRP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ARRP | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EMS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AMS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EPNSPOUS | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| APNSPOUS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EPNMOM | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| APNMOM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EPNDAD | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| APNDAD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EPNGUARD | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| APNGUARD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ETYPMOM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ATYPMOM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ETYPDAD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ATYPDAD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RDESGPNT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ULFTMAIN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| UENTMAIN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TPEARN | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TPPRPINC | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TPTRNINC | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TPOTHINC | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TPTOTINC | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TPPNDIST | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TPLUMPSM | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EHTLNYN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AHTLNYN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EBKFSYN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ABKFSYN | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RCUTYP01 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RCUOWN01 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RCUTYP03 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RCUOWN03 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RCUTYP04 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RCUOWN04 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RCUTYP08 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RCUOWN8A | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RCUOWN8B | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RCUTYP20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RCUOWN20 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RCUTYP21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RCuOW21A | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RCUOW21B | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |


| RCUTYP23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
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| RCUOWN23 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RCUTYP24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RCUOW24A | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RCUOW24B | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



| RCUTYP23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
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| RCUOWN23 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RCUTYP24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RCUOW24A | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RCUOW24B | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



| RCUTYP23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| RCUOWN23 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RCUTYP24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RCUOW24A | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RCUOW24B | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



| RCUTYP23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
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| RCUOWN23 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RCUTYP24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RCUOW24A | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RCUOW24B | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |


| Item Sc |  | Total | NonNum | NegNum | Val-R | Val-D | Va1-0 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
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| RCUOWN25 | 2 | 289300 | 0 | 0 | 0 | 0 | 282945 | 0 | 6238 | 117 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RCUTYP27 | 0 | 289300 | 0 | 0 | 0 | 0 | 0 | 0 | 19118 | 270182 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RCUOWN27 | 2 | 289300 | 0 | 0 | 0 | 0 | 270182 | 0 | 18894 | 224 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RCUTYP57 | 0 | 289300 | 0 | 0 | 0 | 0 | 0 | 0 | 34671 | 254629 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RCUOWN57 | 2 | 289300 | 0 | 0 | 0 | 0 | 254629 | 0 | 34160 | 511 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RCUTYP58 | 0 | 289300 | 0 | 0 | 0 | 0 | 0 | 0 | 209446 | 79854 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RCUOW58A | 2 | 289300 | 0 | 0 | 0 | 0 | 79854 | 0 | 207778 | 1668 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RCUOW58B | 2 | 289300 | 0 | 0 | 0 | 0 | 251364 | 0 | 37407 | 529 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RENROLL | 0 | 289300 | 0 | - 65909 | 0 | 0 | 0 | 0 | 24805 | 6650 | 191936 | 0 | 0 | 0 | 0 | 0 | 0 |
| ARENROLL | 0 | 289300 | 0 | 0 | 0 | 0 | 276785 | 0 | 2890 | 0 | 67 | 9085 | 107 | 366 | 0 | 0 | 0 |
| EENRLM | 0 | 289300 | 0 | 0257845 | 0 | 0 | 0 | 0 | 25279 | 6176 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AENRLM | 0 | 289300 | 0 | 0 | 0 | 0 | 286457 | 0 | 419 | 0 | 0 | 2018 | 60 | 346 | 0 | 0 | 0 |
| RENRLMA | 0 | 289300 | 0 | O 257845 | 0 | 0 | 0 | 0 | 17126 | 14329 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EENLEVEL | 0 | 289300 | 0 | 0257845 | 0 | 0 | 0 | 0 | 578 | 15037 | 3214 | 3269 | 2034 | 1768 | 1137 | 1446 | 1624 |
| AENLEVEL | 0 | 289300 | 0 | 0 | 0 | 0 | 286062 | 0 | 125 | 0 | 0 | 281 | 20 | 2812 | 0 | 0 | 0 |
| EEDFUND | 0 | 289300 | 0 | O 273460 | 0 | 0 | 0 | 0 | 7172 | 8668 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEDFUND | 0 | 289300 | 0 | 0 | 0 | 0 | 287715 | 0 | 550 | 0 | 0 | 747 | 288 | 0 | 0 | 0 | 0 |
| EASST01 | 0 | 289300 | 0 | 0282128 | 0 | 0 | 0 | 0 | 2434 | 4738 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EASST03 | 0 | 289300 | 0 | 0282128 | 0 | 0 | 0 | 0 | 439 | 6733 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EASST04 | 0 | 289300 | 0 | 0282128 | 0 | 0 | 0 | 0 | 327 | 6845 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EASST05 | 0 | 289300 | 0 | 0282128 | 0 | 0 | 0 | 0 | 2609 | 4563 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EASST06 | 0 | 289300 | 0 | 0282128 | 0 | 0 | 0 | 0 | 1457 | 5715 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EASST07 | 0 | 289300 | 0 | 0282128 | 0 | 0 | 0 | 0 | 149 | 7023 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EASST08 | 0 | 289300 | 0 | 0282128 | 0 | 0 | 0 | 0 | 757 | 6415 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EASST09 | 0 | 289300 |  | 0282128 | 0 | 0 | 0 | 0 | 589 | 6583 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EASST10 | 0 | 289300 | 0 | 0282128 | 0 | 0 | 0 | 0 | 1150 | 6022 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EASST11 | 0 | 289300 | 0 | 0282128 | 0 | 0 | 0 | 0 | 529 | 6643 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEDASST | 0 | 289300 | 0 | 0 | 0 | 0 | 288399 | 0 | 901 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EEDUCATE | 0 | 289300 | 0 | - 65909 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEDUCATE | 0 | 289300 | 0 | 0 | 0 | 0 | 280805 | 0 | 1295 | 0 | 0 | 0 | 0 | 7200 | 0 | 0 | 0 |
| EPDJBTHN | 0 | 289300 | 0 | O 65909 | 0 | 0 | 0 | 0 | 148978 | 74413 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| APDJBTHN | 0 | 289300 | 0 | 0 | 0 | 0 | 276945 | 0 | 139 | 0 | 3802 | 8414 | 0 | 0 | 0 | 0 | 0 |
| EJOBSRCH | 0 | 289300 | 0 | O 279780 | 0 | 0 | 0 | 0 | 581 | 8939 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AJOBSRCH | 0 | 289300 | 0 | 0 | 0 | 0 | 288307 | 0 | 709 | 0 | 0 | 284 | 0 | 0 | 0 | 0 | 0 |
| EJOBTRN | 0 | 289300 | 0 | 0279434 | 0 | 0 | 0 | 0 | 120 | 9746 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AJOBTRN | 0 | 289300 | 0 | 0 | 0 | 0 | 287327 | 0 | 970 | 0 | 0 | 1003 | 0 | 0 | 0 | 0 | 0 |
| RJOBHELP | 0 | 289300 | 0 | 065909 | 0 | 0 | 0 | 0 | 701 | 222690 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EPPFLAG | 0 | 289300 | 0 | 0284498 | 0 | 0 | 0 | 0 | 4802 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EMAX | 0 | 289300 | 0 | 065909 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EBUSCNTR | 0 | 289300 |  | 0270683 | 0 | 0 | 4 | 0 | 17053 | 1384 | 140 | 36 | 0 | 0 | 0 | 0 | 0 |
| EJOBCNTR | 0 | 289300 | 0 | 0155151 | 0 | 0 | 1515 | 0 | 117388 | 13863 | 1379 | 4 | 0 | 0 | 0 | 0 | 0 |
| EEVERET | 0 | 289300 | 0 | 0144096 | 0 | 0 | 0 | 0 | 43627 | 101577 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEVERET | 0 | 289300 | 0 | 00 | 0 | 0 | 285254 | 0 | 90 | 0 | 384 | 3572 | 0 | 0 | 0 | 0 | 0 |
| EDISABL | 0 | 289300 | 0 | 090838 | 0 | 0 | 0 | 0 | 20407 | 178055 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ADISABL | 0 | 289300 | 0 | 0 | 0 | 0 | 269019 | 0 | 229 | 0 | 9916 | 10136 | 0 | 0 | 0 | 0 | 0 |
| EDISPREV | 0 | 289300 |  | 0268893 | 0 | 0 | 0 | 0 | 13013 | 7394 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ADISPREV | 0 | 289300 | 0 | 00 | 0 | 0 | 272014 | 0 | 186 | 0 | 16445 | 655 | 0 | 0 | 0 | 0 | 0 |
| ERSNOWRK | 0 | 289300 |  | 0214887 | 0 | 0 | 0 | 0 | 441 | 760 | 10885 | 31482 | 641 | 10538 | 12403 | 2083 | 327 |
| ARSNOWRK | 0 | 289300 |  | 0 | 0 | 0 | 282647 | 0 | 2973 | 0 | 0 | 3680 | 0 | 0 | 0 | 0 | 0 |
| EAWOP | 0 | 289300 |  | 0156774 | 0 | 0 | 0 | 0 | 11440 | 121086 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |


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| AAWOP | 0 | 289300 | 0 | 0 | 0 | 0 | 285677 | 0 | 3623 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EABRE | 0 | 289300 | 0 | 277860 | 0 | 0 | 0 | 0 | 961 | 2014 | 382 | 1102 | 329 | 341 | 3303 | 112 | 0 |
| AABRE | 0 | 289300 | 0 | 0 | 0 | 0 | 288911 | 0 | 320 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EPTWRK | 0 | 289300 | 0 | 140322 | 0 | 0 | 0 | 0 | 48433 | 100545 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| APTWRK | 0 | 289300 | 0 | 0 | 0 | 0 | 285239 | 0 | 265 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
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| APTRESN | 0 | 289300 | 0 | 0 | 0 | 0 | 286736 | 0 | 695 | 0 | 0 | 1869 | 0 | 0 | 0 | 0 | 0 |
| ELKWRK | 0 | 289300 | 0 | 240845 | 0 | 0 | 0 | 0 | 10527 | 37928 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ALKWRK | 0 | 289300 | 0 | 0 | 0 | 0 | 286442 | 0 | 853 | 0 | 0 | 2005 | 0 | 0 | 0 | 0 | 0 |
| ELAYOFF | 0 | 289300 | 0 | 238568 | 0 | 0 | 0 | 0 | 3927 | 46805 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ALAYOFF | 0 | 289300 | 0 | 0 | 0 | 0 | 284311 | 0 | 868 | 0 | 1886 | 2235 | 0 | 0 | 0 | 0 | 0 |
| RTAKJOB | 0 | 289300 | 0 | 275736 | 0 | 0 | 800 | 0 | 12594 | 170 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RNOTAKE | 0 | 289300 | 0 | 288330 | 0 | 0 | 804 | 0 | 68 | 75 | 0 | 23 | 0 | 0 | 0 | 0 | 0 |
| EMOONLIT | T 0 | 289300 | 0 | 157085 | 0 | 0 | 0 | 0 | 1772 | 130443 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AMOONLIT | T 0 | 289300 | 0 | 0 | 0 | 0 | 286964 | 0 | 295 | 0 | 0 | 2041 | 0 | 0 | 0 | 0 | 0 |
| TMLMSUM | 3 | 289300 | 0 | 0 | 0 | 0 | 288075 | 989 | 136 | 67 | 26 | 1 | 2 | 1 | 1 | 0 | 0 |
| AMLMSUM | 0 | 289300 | 0 | 0 | 0 | 0 | 288933 | 0 | 24 | 0 | 0 | 343 | 0 | 0 | 0 | 0 | 0 |
| EBFLAG | 0 | 289300 | 0 | 289259 | 0 | 0 | 0 | 0 | 41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ECFLAG | 0 | 289300 | 0 | 287687 | 0 | 0 | 0 | 0 | 1613 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RMESR | 0 | 289300 | 0 | 65909 | 0 | 0 | 0 | 0 | 134739 | 3284 | 1327 | 2219 | 1476 | 4248 | 816 | 75282 | 0 |
| RWKESR1 | 0 | 289300 | 0 | 65909 | 0 | 0 | 0 | 0 | 138625 | 1832 | 809 | 5199 | 76926 | 0 | 0 | 0 | 0 |
| RWKESR2 | 0 | 289300 | 0 | 65909 | 0 | 0 | 0 | 0 | 138392 | 1884 | 798 | 5247 | 77070 | 0 | 0 | 0 | 0 |
| RWKESR3 | 0 | 289300 | 0 | 65909 | 0 | 0 | 0 | 0 | 138328 | 1993 | 868 | 5208 | 76994 | 0 | 0 | 0 | 0 |
| RWKESR4 | 0 | 289300 | 0 | 65909 | 0 | 0 | 0 | 0 | 138104 | 2071 | 894 | 5302 | 77020 | 0 | 0 | 0 | 0 |
| RWKESR5 | 0 | 289300 | 0 | 219341 | 0 | 0 | 0 | 0 | 43348 | 620 | 237 | 1694 | 24060 | 0 | 0 | 0 | 0 |
| RMWKWJB | 0 | 289300 | 0 | 65909 | 0 | 0 | 80017 | 0 | 1231 | 918 | 1174 | 96564 | 43487 | 0 | 0 | 0 | 0 |
| RMWKSAB | 0 | 289300 | 0 | 65909 | 0 | 0 | 218466 | 0 | 1962 | 796 | 445 | 1320 | 402 | 0 | 0 | 0 | 0 |
| AWKSAB | 0 | 289300 | 0 | 0 | 0 | 0 | 287731 | 0 | 1034 | 0 | 83 | 452 | 0 | 0 | 0 | 0 | 0 |
| RMWKLKG | 0 | 289300 | 0 | 238568 | 0 | 0 | 42793 | 0 | 1436 | 900 | 619 | 3596 | 1388 | 0 | 0 | 0 | 0 |
| AWKLKG | 0 | 289300 | 0 | 0 | 0 | 0 | 288395 | 0 | 563 | 0 | 37 | 305 | 0 | 0 | 0 | 0 | 0 |
| RMHRSWK | 0 | 289300 | 0 | 65909 | 0 | 0 | 81808 | 0 | 110704 | 23840 | 373 | 67 | 3563 | 3036 | 0 | 0 | 0 |
| RWKSPERM | M 0 | 289300 | 0 | 65909 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 153432 | 69959 | 0 | 0 | 0 | 0 |
| EENO1 | 0 | 289300 | 0 | 155181 | 0 | 0 | 0 | 0 | 120178 | 10572 | 2368 | 869 | 116 | 12 | 0 | 4 | 0 |
| ESTLEMP1 | 10 | 289300 | 0 | 156666 | 0 | 0 | 0 | 0 | 120391 | 12243 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ASTLEMP1 | 10 | 289300 | 0 | 0 | 0 | 0 | 284692 | 0 | 232 | 0 | 0 | 4376 | 0 | 0 | 0 | 0 | 0 |
| TSJDATE1 | 16 | 289300 | 0 | 156666 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ASJDATE1 | 10 | 289300 | 0 | 0 | 0 | 0 | 281828 | 0 | 2275 | 0 | 821 | 4376 | 0 | 0 | 0 | 0 | 0 |
| TEJDATE1 | 16 | 289300 | 0 | 277061 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEJDATE1 | 10 | 289300 | 0 | 0 | 0 | 0 | 288608 | 0 | 0 | 0 | 316 | 376 | 0 | 0 | 0 | 0 | 0 |
| ERSEND1 | 0 | 289300 | 0 | 277057 | 0 | 0 | 0 | 0 | 1210 | 473 | 147 | 518 | 312 | 130 | 1132 | 665 | 145 |
| ARSEND1 | 0 | 289300 | 0 | 0 | 0 | 0 | 288869 | 0 | 55 | 0 | 314 | 62 | 0 | 0 | 0 | 0 | 0 |
| EJBHRS1 | 0 | 289300 | 0 | 155181 | 0 | 0 | 0 | 0 | 208 | 436 | 260 | 382 | 498 | 468 | 168 | 815 | 162 |
| AJBHRS1 | 0 | 289300 | 0 | 0 | 0 | 0 | 279843 | 0 | 1629 | 0 | 0 | 7828 | 0 | 0 | 0 | 0 | 0 |
| EEMPLOC1 | 10 | 289300 | 0 | 156666 | 0 | 0 | 0 | 0 | 88035 | 44599 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEMPLOC1 | 10 | 289300 | 0 | 0 | 0 | 0 | 281579 | 0 | 1657 | 0 | 0 | 6064 | 0 | 0 | 0 | 0 | 0 |
| TEMPALL1 | 10 | 289300 | 0 | 201265 | 0 | 0 | 0 | 0 | 4424 | 6348 | 77263 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEMPALL1 | 10 | 289300 | 0 | 0 | 0 | 0 | 216155 | 0 | 2969 | 0 | 0 | 70176 | 0 | 0 | 0 | 0 | 0 |
| TEMPSIZ1 | 10 | 289300 | 0 | 156774 | 0 | 0 | 0 | 0 | 47434 | 32771 | 52321 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEMPSIZ1 | 10 | 289300 | 0 | 0 | 0 | 0 | 277549 | 0 | 2921 | 0 | 162 | 8668 | 0 | 0 | 0 | 0 | 0 |
| EOCCTIM1 | 12 | 289300 | 0 | 289300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AOCCTIM1 | 10 | 289300 | 0 | 0 | 0 | 0 | 289300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ECLWRK1 | 0 | 289300 | 0 | 156666 | 0 | 0 | 0 | 0 | 99093 | 10126 | 11148 | 6730 | 4279 | 1258 | 0 | 0 | 0 |
| ACLWRK1 | 0 | 289300 | 0 | 0 | 0 | 0 | 173700 | 0 | 1140 | 0 | 0 | 114460 | 0 | 0 | 0 | 0 | 0 |
| EUNION1 | 0 | 289300 | 0 | 156439 | 0 | 0 | 0 | 0 | 17449 | 115412 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AUNION1 | 0 | 289300 | 0 | 0 | 0 | 0 | 280760 | 0 | 1260 | 0 | 0 | 7280 | 0 | 0 | 0 | 0 | 0 |
| ECNTRC1 | 0 | 289300 |  | 175269 | 0 | 0 | 0 | 0 | 1480 | 112551 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |


| ACNTRC1 | 0 | 289300 | 0 | 0 | 0 | 0 | 281736 | 0 | 808 | 0 | 0 | 6756 | 0 | 0 | 0 | 0 | 0 | 0 |
| :--- | ---: | ---: | :--- | :--- | :--- | :--- | :--- | :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| TPMSUM1 | 3 | 289300 | 0 | 0 | 0 | 0 | 165285 | 24569 | 35172 | 25810 | 15859 | 8825 | 5192 | 3081 | 1825 | 1202 | 700 |  |
| APMSUM1 | 0 | 289300 | 0 | 0 | 0 | 0 | 259922 | 0 | 840 | 0 | 2622 | 25916 | 0 | 0 | 0 | 0 | 0 | 0 |
| EPAYHR1 | 0 | 289300 | 0 | 156439 | 0 | 0 | 0 | 0 | 83470 | 49391 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| APAYHR1 | 0 | 289300 | 0 | 0 | 0 | 0 | 279492 | 0 | 2164 | 0 | 0 | 7644 | 0 | 0 |  |  |  |  |
| TPYRATE1 | 2 | 289300 | 0 | 0 | 0 | 0 | 205830 | 12 | 140 | 791 | 207 | 208 | 5100 | 8885 | 8972 | 8897 | 6765 |  |



ACNTRC1 APMSUM1 APMSUM1 EPAYHR1
APAYHR1 TPYRATE1

| 0 | 0 | 0 | 0 |
| ---: | ---: | ---: | ---: |
| 543 | 264 | 205 | 35 |
| 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 |
| 8010 | 4717 | 5053 | 3658 |


| 0 | 0 | 0 |  |
| ---: | ---: | ---: | ---: |
| 25 | 29 | 9 |  |
| 0 | 0 | 0 |  |
| 0 | 0 | 0 |  |
| 0 | 0 | 0 |  |
| 3169 | 3303 | 2439 | 18 |

[^2] +OOONO 0
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[^3]

ACNTRC1 TPMSUM1
APMSUM1 APMSUM1 EPAYHR1 APAYHR1
TPYRATE1

| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 12 | 5 | 0 | 1 | 457 | 0 | 1 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 723 | 463 | 320 | 360 | 1649 | 0 | 0 |


$\begin{array}{lllllllllllllllllllll}\text { ACNTRC1 } & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \text { TPMSUM1 } & 3 & 0 & 0 & 1 & 1 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \text { APMSUM1 } & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \text { EPAYHR1 } & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \text { APAYHR1 } & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0\end{array}$

$\begin{array}{lllllllllllllllllllll}\text { ACNTRC1 } & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \text { TPMSUM1 } & 3 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \text { APMSUM1 } & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \text { EPAYHR1 } & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \text { APAYHR1 } & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0\end{array}$

$\begin{array}{lllllllllllllllllllll}\text { ACNTRC1 } & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \text { TPMSUM1 } & 3 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \text { APMSUM1 } & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \text { EPAYHR1 } & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \text { APAYHR1 } & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0\end{array}$

$\begin{array}{lllllllllllllllllllll}\text { ACNTRC1 } & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \text { TPMSUM1 } & 3 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \text { APMSUM1 } & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \text { EPAYHR1 } & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \text { APAYHR1 } & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0\end{array}$

| Item Sc | ScFac | Total | NonNum NegNum | Val-R | Val-D | Val-0 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| APYRATE1 | 10 | 289300 | $0 \quad 0$ | 0 | 0 | 268349 | 0 | 5155 | 0 | 0 | 15796 | 0 | 0 | 0 | 0 | 0 |
| RPYPER1 | 0 | 289300 | 0156666 | 0 | 0 | 0 | 0 | 38917 | 55867 | 10140 | 15985 | 481 | 928 | 2074 | 8242 | 0 |
| EJBIND1 | 1 | 289300 | 0155181 | 0 | 0 | 0 | 0 | 1709 | 813 | 323 | 480 | 76 | 7851 | 0 | 0 | 0 |
| AJBIND1 | 0 | 289300 | 00 | 0 | 0 | 283426 | 0 | 1498 | 0 | 0 | 4376 | 0 | 0 | 0 | 0 | 0 |
| TJBOCC1 | 1 | 289300 | 0155181 | 0 | 0 | 0 | 2168 | 3747 | 10579 | 1527 | 358 | 2051 | 2194 | 392 | 671 | 2604 |
| AJBOCC1 | 0 | 289300 | 00 | 0 | 0 | 283403 | 0 | 1521 | 0 | 0 | 4376 | 0 | 0 | 0 | 0 | 0 |
| EENO2 | 0 | 289300 | 0274114 | 0 | 0 | 0 | 0 | 3329 | 10253 | 1309 | 247 | 44 | 4 | 0 | 0 | 0 |
| ESTLEMP2 | 20 | 289300 | 0274114 | 0 | 0 | 0 | 0 | 10449 | 4737 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ASTLEMP2 | 2 | 289300 | 0 0 | 0 | 0 | 288098 | 0 | 966 | 0 | 0 | 236 | 0 | 0 | 0 | 0 | 0 |
| TSJDATE2 | 6 | 289300 | 0274114 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ASJDATE2 | 2 | 289300 | $0 \quad 0$ | 0 | 0 | 287652 | 0 | 1184 | 0 | 228 | 236 | 0 | 0 | 0 | 0 | 0 |
| TEJDATE2 | 2 | 289300 | 0284563 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEJDATE2 | 2 | 289300 | 00 | 0 | 0 | 289005 | 0 | 0 | 0 | 257 | 38 | 0 | 0 | 0 | 0 | 0 |
| ERSEND2 | 0 | 289300 | 0284563 | 0 | 0 | 0 | 0 | 264 | 32 | 28 | 130 | 32 | 72 | 191 | 101 | 64 |
| ARSEND2 | 0 | 289300 | $0 \quad 0$ | 0 | 0 | 289063 | 0 | 199 | 0 | 31 | 7 | 0 | 0 | 0 | 0 | 0 |
| EJBHRS2 | 0 | 289300 | 0274114 | 0 | 0 | 0 | 0 | 176 | 178 | 243 | 371 | 404 | 330 | 116 | 616 | 92 |
| AJBHRS2 | 0 | 289300 | $0 \quad 0$ | 0 | 0 | 286442 | 0 | 1930 | 0 | 0 | 928 | 0 | 0 | 0 | 0 | 0 |
| EEMPLOC2 | 2 | 289300 | 0274114 | 0 | 0 | 0 | 0 | 8518 | 6668 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEMPLOC2 | 2 | 289300 | 00 | 0 | 0 | 286963 | 0 | 1989 | 0 | 0 | 348 | 0 | 0 | 0 | 0 | 0 |
| TEMPALL2 | 2 | 289300 | 0280782 | 0 | 0 | 0 | 0 | 688 | 704 | 7126 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEMPALL2 | 2 | 289300 | 0 0 | 0 | 0 | 283790 | 0 | 1756 | 0 | 0 | 3754 | 0 | 0 | 0 | 0 | 0 |
| TEMPSIZ2 | 0 | 289300 | 0274178 | 0 | 0 | 0 | 0 | 7409 | 3487 | 4226 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEMPSIZ2 | 0 | 289300 | $0 \quad 0$ | 0 | 0 | 286338 | 0 | 2410 | 0 | 32 | 520 | 0 | 0 | 0 | 0 | 0 |
| EOCCTIM2 | 2 | 289300 | 0289300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AOCCTIM2 | 20 | 289300 | $0 \quad 0$ | 0 | 0 | 289300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ECLWRK2 | 0 | 289300 | 0274114 | 0 | 0 | 0 | 0 | 11475 | 1448 | 1018 | 560 | 389 | 296 | 0 | 0 | 0 |
| ACLWRK2 | 0 | 289300 | $0 \quad 0$ | 0 | 0 | 280350 | 0 | 1834 | 0 | 0 | 7116 | 0 | 0 | 0 | 0 | 0 |
| EUNION2 | 0 | 289300 | 0274410 | 0 | 0 | 0 | 0 | 952 | 13938 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AUNION2 | 0 | 289300 | 0 0 | 0 | 0 | 287019 | 0 | 1809 | 0 | 0 | 472 | 0 | 0 | 0 | 0 | 0 |
| ECNTRC2 | 0 | 289300 | 0275362 | 0 | 0 | 0 | 0 | 131 | 13807 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ACNTRC2 | 0 | 289300 | 00 | 0 | 0 | 287137 | 0 | 1727 | 0 | 0 | 436 | 0 | 0 | 0 | 0 | 0 |
| TPMSUM2 | 3 | 289300 | $0 \quad 0$ | 0 | 0 | 280214 | 5796 | 1906 | 638 | 377 | 135 | 83 | 49 | 28 | 28 |  |
| APMSUM2 | 0 | 289300 | $0 \quad 0$ | 0 | 0 | 286477 | 0 | 473 | 0 | 77 | 2273 | 0 | 0 | 0 | 0 | 0 |
| EPAYHR2 | 0 | 289300 | 0274410 | 0 | 0 | 0 | 0 | 11011 | 3879 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| APAYHR2 | 0 | 289300 | 00 | 0 | 0 | 286969 | 0 | 1839 | 0 | 0 | 492 | 0 | 0 | 0 | 0 | 0 |
| TPYRATE2 | 2 | 289300 | $0 \quad 0$ | 0 | 0 | 278289 | 4 | 12 | 200 | 56 | 36 | 1015 | 1761 | 1601 | 1415 | 792 |
| APYRATE2 | 2 | 289300 | $0 \quad 0$ | 0 | 0 | 286350 | 0 | 1910 | 0 | 0 | 1040 | 0 | 0 | 0 | 0 | 0 |
| RPYPER2 | 0 | 289300 | 0274114 | 0 | 0 | 0 | 0 | 3951 | 4893 | 1315 | 1057 | 180 | 214 | 879 | 2697 | 0 |
| EJBIND2 | 1 | 289300 | 0274114 | 0 | 0 | 0 | 0 | 356 | 112 | 44 | 17 | 4 | 783 | 0 | 0 | 0 |
| AJBIND2 | 0 | 289300 | $0 \quad 0$ | 0 | 0 | 288065 | 0 | 999 | 0 | 0 | 236 | 0 | 0 | 0 | 0 | 0 |
| TJBOCC2 | 1 | 289300 | 0274114 | 0 | 0 | 0 | 133 | 316 | 633 | 96 | 12 | 44 | 143 | 23 | 68 | 368 |
| AJBOCC2 | 0 | 289300 | 0 0 | 0 | 0 | 287314 | 0 | 1750 | 0 | 0 | 236 | 0 | 0 | 0 | 0 | 0 |
| EBNO1 | 0 | 289300 | 0270687 | 0 | 0 | 0 | 0 | 18077 | 440 | 56 | 24 | 12 | 4 | 0 | 0 | 0 |
| EBIZNOW1 | 10 | 289300 | 0270687 | 0 | 0 | 0 | 0 | 17995 | 618 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ABIZNOW1 | 10 | 289300 | 0 0 | 0 | 0 | 288688 | 0 | 138 | 0 | 0 | 474 | 0 | 0 | 0 | 0 | 0 |
| TSBDATE1 | 16 | 289300 | 0270687 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ASBDATE1 | 10 | 289300 | 0 0 | 0 | 0 | 288226 | 0 | 401 | 0 | 199 | 474 | 0 | 0 | 0 | 0 | 0 |
| TEBDATE1 | 16 | 289300 | 0288682 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEBDATE1 | 10 | 289300 | 0 0 | 0 | 0 | 289284 | 0 | 0 | 0 | 0 | 16 | 0 | 0 | 0 | 0 | 0 |
| ERENDB1 | 0 | 289300 | 0288682 | 0 | 0 | 0 | 0 | 28 | 8 | 52 | 24 | 20 | 28 | 36 | 29 | 120 |

ARENDB1 EHRSBS1 EHRSBS1 EGROSB1 EGROSB1 AGROSB1
$0 \quad 289300$ 289300 289300
289300 289300 $\begin{array}{ll}0 & 289300 \\ 0 & 289300\end{array}$ 0289300 289300

| 0 | 289272 | 0 | 12 | 0 | 0 | 16 | 0 | 0 | 0 | 0 | 0 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 0 | 0 | 0 | 185 | 280 | 200 | 227 | 388 | 160 | 56 | 247 | 12 |
| 0 | 287452 | 0 | 426 | 0 | 0 | 1422 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 15364 | 2631 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 288503 | 0 | 253 | 0 | 0 | 544 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 232 | 386 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |


| Item ScFac |  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| APYRATE1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RPYPER1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EJBIND1 | 1 | 813 | 488 | 422 | 80 | 379 | 786 | 674 | 1569 | 628 | 622 | 106 | 861 | 80 | 676 | 796 |
| AJBIND1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| тJBocc1 | 1 | 418 | 54 | 119 | 108 | 64 | 6863 | 866 | 2266 | 1114 | 754 | 1919 | 1041 | 1068 | 573 | 3598 |
| AJBOCC1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EENO2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ESTLEMP2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ASTLEMP2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TSJDATE2 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5505 | 9681 | 0 | 0 | 0 | 0 |
| ASJDATE2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TEJDATE2 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4737 | 0 | 0 | 0 | 0 |
| AEJDATE2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ERSEND2 | 0 | 52 | 590 | 1449 | 276 | 599 | 857 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ARSEND2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EJBHRS2 | 0 | 1019 | 52 | 469 | 56 | 56 | 875 | 326 | 64 | 122 | 12 | 1521 | 48 | 72 | 34 | 240 |
| AJBHRS2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EEMPLOC2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEMPLOC2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TEMPALL2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEMPALL2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TEMPSIZ2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEMPSIZ2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EOCCTIM2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AOCCTIM2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ECLWRK2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ACLWRK2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EUNION2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AUNION2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ECNTRC2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ACNTRC2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TPMSUM2 | 3 | 7 | 4 | 3 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 4 |
| APMSUM2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EPAYHR2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| APAYHR2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TPYRATE2 | 2 | 985 | 441 | 496 | 224 | 254 | 260 | 143 | 128 | 140 | 132 | 184 | 40 | 72 | 48 | 32 |
| APYRATE2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RPYPER2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EJBIND2 | 1 | 48 | 46 | 20 | 4 | 8 | 40 | 28 | 152 | 44 | 24 | 0 | 24 | 0 | 32 | 52 |
| AJBIND2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TJBOCC2 | 1 | 82 | 8 | 28 | 48 | 20 | 1022 | 122 | 268 | 210 | 168 | 228 | 75 | 66 | 40 | 170 |
| AJBOCC2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EBNO1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EBIZNOW1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ABIZNOW1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TSBDATE1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14796 | 3817 | 0 | 0 | 0 | 0 |
| ASBDATE1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TEBDATE1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 618 | 0 | 0 | 0 | 0 |
| AEBDATE1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ERENDB1 | 0 | 48 | 225 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

ARENDB1
EHRSBS1 EHRSBS1 AGRSBSB1 AGROSB1 AGROSB1

| 0 | 0 | 0 |
| ---: | ---: | ---: |
| 897 | 16 | 191 |
| 0 | 0 | 0 |
| 0 | 0 | 0 |
| 0 | 0 | 0 |
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| Item ScFac |  | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 |
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| APYRATE1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RPYPER1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EJBIND1 | 1 | 1238 | 653 | 24 | 1018 | 2562 | 3745 | 1542 | 1469 | 1142 | 8418 | 866 | 527 | 268 | 966 | 112 |
| AJBIND1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TJBOCC1 | 1 | 565 | 1525 | 1491 | 636 | 602 | 0 | 147 | 1174 | 581 | 96 | 223 | 108 | 205 | 1011 | 240 |
| AJBOCC1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EENO2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ESTLEMP2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ASTLEMP2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TSJDATE2 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ASJDATE2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TEJDATE2 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEJDATE2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ERSEND2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ARSEND2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EJBHRS2 | 0 | 132 | 24 | 0 | 0 | 0 | 168 | 0 | 0 | 8 | 4 | 40 | 0 | 4 | 8 | 0 |
| AJBHRS2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EEMPLOC2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEMPLOC2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TEMPALL2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEMPALL2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TEMPSIZ2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEMPSIZ2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EOCCTIM2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AOCCTIM2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ECLWRK2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ACLWRK2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EUNION2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AUNION2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ECNTRC2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ACNTRC2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TPMSUM2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| APMSUM2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EPAYHR2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| APAYHR2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TPYRATE2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| APYRATE2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RPYPER2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EJBIND2 | 1 | 96 | 48 | 0 | 193 | 405 | 453 | 138 | 279 | 160 | 1532 | 165 | 84 | 60 | 136 | 16 |
| AJBIND2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TJBOCC2 | 1 | 36 | 165 | 132 | 70 | 72 | 0 | 0 | 48 | 12 | 8 | 24 | 12 | 20 | 40 | 12 |
| AJBOCC2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EBNO1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EBIZNOW1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ABIZNOW1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TSBDATE1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ASBDATE1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TEBDATE1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEBDATE1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ERENDB1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |


| ARENDB1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ---: | :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| EHRSBS1 | 0 | 502 | 36 | 4 | 4 | 0 | 1603 | 4 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AHRSBS1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EGROSB1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AGROSB1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



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| Item ScFac |  | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 |
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| APYRATE1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RPYPER1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EJBIND1 | 1 | 3556 | 1717 | 2383 | 2584 | 1896 | 2799 | 2494 | 962 | 1894 | 0 | 0 | 0 | 0 | 0 | 452 |
| AJBIND1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TJBOCC1 | 1 | 717 | 1455 | 1664 | 3406 | 0 | 432 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AJBOCC1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EENO2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ESTLEMP2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ASTLEMP2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TSJDATE2 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ASJDATE2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TEJDATE2 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEJDATE2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ERSEND2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ARSEND2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EJBHRS2 | 0 | 4 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32 |
| AJBHRS2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EEMPLOC2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEMPLOC2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TEMPALL2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEMPALL2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TEMPSIZ2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEMPSIZ2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EOCCTIM2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AOCCTIM2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ECLWRK2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ACLWRK2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EUNION2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AUNION2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ECNTRC2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ACNTRC2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TPMSUM2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| APMSUM2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EPAYHR2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| APAYHR2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TPYRATE2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| APYRATE2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RPYPER2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EJBIND2 | 1 | 678 | 282 | 334 | 328 | 224 | 184 | 204 | 43 | 235 | 0 | 0 | 0 | 0 | 0 | 70 |
| AJBIND2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TJBOCC2 | 1 | 84 | 190 | 266 | 391 | 0 | 70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AJBOCC2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EBNO1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EBIZNOW1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ABIZNOW1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TSBDATE1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ASBDATE1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TEBDATE1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEBDATE1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ERENDB1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

ARENDB1 EHRSBS1 EHRSBS1 AHRSBS1 EGROSB1 AGROSB1

| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ---: | :--- | :--- | :--- | :--- | ---: | :--- |
| 20 | 0 | 0 | 0 | 0 | 16 | 4 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |


| Item | ScFac | Total | NonNum | NegNum | Val-R | Val-d | val-0 | 0 | 1 | 2 | 3 | 4 | 5 | 6 |  | 7 |  | 8 | 9 |  |  |
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| AGRSSB1 | 0 | 289300 | 0 | 0 | 0 | 0 | O 289256 | 0 | 44 | 0 | 0 | 0 | 0 | 0 |  | 0 |  | 0 | 0 |  |  |
| TEMPB1 | 0 | 289300 | 0 | 273704 | 0 | 0 | 0 | 0 | 14849 | 545 | 202 | 0 | 0 | 0 |  | 0 |  | 0 | 0 |  |  |
| AEMPB1 | 0 | 289300 | 0 | 0 | 0 | 0 | 0286844 | 0 | 350 | 0 | 620 | 1486 | 0 | 0 |  | 0 |  | 0 | 0 |  |  |
| EINCPB1 | 0 | 289300 | 0 | 273704 | 0 | 0 | 0 | 0 | 4749 | 10847 | 0 | 0 | 0 | 0 |  | 0 |  | 0 | 0 |  |  |
| AINCPB1 | 0 | 289300 | 0 | 0 | 0 | 0 | 0286948 | 0 | 342 | 0 | 620 | 1390 | 0 | 0 |  | 0 |  | 0 | 0 |  |  |
| EPROPB1 | 0 | 289300 | 0 | 278453 | 0 | 0 | 0 | 0 | 8951 | 1896 | 0 | 0 | 0 | 0 |  | 0 |  | 0 | 0 |  |  |
| APROPB1 | 0 | 289300 | 0 | 0 | 0 | 0 | 0287729 | 0 | 285 | 0 | 288 | 998 | 0 | 0 |  | 0 |  | 0 | 0 |  |  |
| EHPRTB1 | 0 | 289300 | 0 | ) 282655 | 0 | 0 | 0 | 0 | 2466 | 4179 | 0 | 0 | 0 | 0 |  | 0 |  | 0 | 0 |  |  |
| AHPRTB1 | 0 | 289300 | 0 | 0 | 0 | 0 | 0287893 | 0 | 0 | 0 | 623 | 784 | 0 | 0 |  | 0 |  | 0 | 0 |  |  |
| ESLRYB1 | 0 | 289300 | 0 | 273704 | 0 | 0 | 0 | 0 | 6209 | 9387 | 0 | 0 | 0 | 0 |  | 0 |  | 0 | 0 |  |  |
| ASLRYB1 | 0 | 289300 | 0 | 0 | 0 | 0 | 0 287871 | 0 | 291 | 0 | 0 | 1138 | 0 | 0 |  | 0 |  | 0 | 0 |  |  |
| EOINCB1 | 0 | 289300 | 0 | 273704 | 0 | 0 | 0 | 0 | 8480 | 7116 | 0 | 0 | 0 | 0 |  | 0 |  | 0 | 0 |  |  |
| AOINCB1 | 0 | 289300 | 0 | 0 | 0 |  | 0287900 | 0 | 290 | 0 | 0 | 1110 | 0 | 0 |  | 0 |  | 0 | 0 |  |  |
| TPRFTB1 | 4 | 289300 | 0 | 882 | 0 |  | 0279910 | 6633 | 1085 | 305 | 229 | 250000 | 00000TD | 0 | 0 | 0 | T 43 | 200080 | 000805D | 0 | т 4320000 |


| AOINCB2 | 0 | 289300 | 0 | 0 | 0 | 0 | 289094 | 0 | 132 | 0 | 0 | 74 | 0 | 0 | 0 | 0 | 0 | 0 |
| :--- | ---: | :--- | :--- | ---: | :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| TPRFTB2 | 4 | 289300 | 0 | 36 | 0 | 0 | 288778 | 346 | 84 | 28 | 8 | 20 | 0 | 0 | 0 | 0 | 0 | 0 |
| APRFTB2 | 0 | 289300 | 0 | 0 | 0 | 0 | 288954 | 0 | 184 | 0 | 4 | 158 | 0 | 0 | 0 | 0 | 0 | 0 |
| TBMSUM2 | 3 | 289300 | 0 | 0 | 0 | 0 | 288521 | 266 | 182 | 123 | 60 | 33 | 25 | 0 | 0 | 0 | 0 | 0 |
| ABMSUM2 | 0 | 289300 | 0 | 0 | 0 | 0 | 288956 | 0 | 23 | 0 | 0 | 321 | 0 |  |  |  |  |  |
| EPARTB12 | 2 | 289300 | 0 | 289018 | 0 | 0 | 0 | 0 | 168 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |


$\begin{array}{llrllllllllllllllllll}\text { AOINCB2 } & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \text { TPRFTB2 } & 4 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \text { APRFTB2 } & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \text { TBMSUM2 } & 3 & 19 & 1 & 3 & 0 & 0 & 8 & 1 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \text { ABMSUM2 } & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0\end{array}$

| Item S |  | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| AGRSSB1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TEMPB1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEMPB1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EINCPB1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AINCPB1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EPROPB1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| APROPB1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EHPRTB1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AHPRTB1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ESLRYB1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ASLRYB1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EOINCB1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AOINCB1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TPRFTB1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| APRFTB1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TBMSUM1 | 3 | 6 | 7 | 0 | 2 | 246 | 2 | 4 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 |
| ABMSUM1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EPARTB11 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EPARTB21 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EPARTB31 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TBSIND1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ABSIND1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TBSOCC1 | 1 | 994 | 152 | 566 | 28 | 0 | 24 | 192 | 25 | 224 | 16 | 28 | 24 | 44 | 92 | 0 |
| ABSOCC1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EBNO2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EBIZNOW2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ABIZNOW2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TSBDATE2 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ASBDATE2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TEBDATE2 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEBDATE2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ERENDB2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ARENDB2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EHRSBS2 | 0 | 40 | 0 | 0 | 4 | 0 | 120 | 0 | 4 | 0 | 0 | 44 | 8 | 0 | 0 | 0 |
| AHRSBS2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EGROSB2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AGROSB2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EGRSSB2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AGRSSB2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TEMPB2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AEMPB2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EINCPB2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AINCPB2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EPROPB2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| APROPB2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EHPRTB2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AHPRTB2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ESLRYB2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ASLRYB2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EOINCB2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

$\begin{array}{lllllllllllllllllllll}\text { AOINCB2 } & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \text { TPRFTB2 } & 4 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \text { APRFTB2 } & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \text { TBMSUM2 } & 3 & 0 & 0 & 0 & 0 & 4 & 1 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \text { ABMSUM2 } & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0\end{array}$


| AOINCB2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| TPRFTB2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| APRFTB2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TBMSUM2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ABMSUM2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



| AOINCB2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| TPRFTB2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| APRFTB2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TBMSUM2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ABMSUM2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



| AOINCB2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| TPRFTB2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| APRFTB2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TBMSUM2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ABMSUM2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



| AOINCB2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| TPRFTB2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| APRFTB2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TBMSUM2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ABMSUM2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 114 |  |  |  |  |  |  |


| Item S | ScFac | Tota 1 | NonNum NegNum | Val-R | Val-D | D Val-0 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| EPARTB22 | 2 | 289300 | 0289300 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EPARTB32 | 2 | 289300 | 0289300 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TBSIND2 | 0 | 289300 | 0287736 | 0 | 0 | 0 | 0 | 146 | 4 | 148 | 32 | 60 | 56 | 36 | 36 | 240 |
| ABSIND2 | 0 | 289300 | 0 0 | 0 |  | 0289118 | 0 | 140 | 0 | 0 | 42 | 0 | 0 | 0 | 0 | 0 |
| TBSOCC2 | 1 | 289300 | 0287736 | 0 | 0 | 00 | 12 | 182 | 356 | 0 | 0 | 4 | 8 | 0 | 52 | 8 |
| ABSOCC2 | 0 | 289300 | 00 | 0 | 0 | 0289082 | 0 | 176 | 0 | 0 | 42 | 0 | 0 | 0 | 0 | 0 |
| EUECTYP5 | 5 | 289300 | 0286070 | 0 | 0 | 0 | 0 | 3142 | 88 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AUECTYP5 | 0 | 289300 | 00 | 0 | 0 | 0288903 | 0 | 300 | 0 | 0 | 97 | 0 | 0 | 0 | 0 | 0 |
| EUECTYP7 | 0 | 289300 | 0286070 | 0 | 0 | 0 | 0 | 56 | 3174 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AUECTYP7 | 0 | 289300 | $0 \quad 0$ | 0 |  | 0289195 | 0 | 8 | 0 | 0 | 97 | 0 | 0 | 0 | 0 | 0 |
| ELMPTYP1 | 10 | 289300 | 0288686 | 0 | 0 | 00 | 0 | 212 | 402 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ALMPTYP1 | 10 | 289300 | $0 \quad 0$ | 0 | 0 | 0289280 | 0 | 16 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| ELMPTYP2 | 2 | 289300 | 0288686 | 0 | 0 | 00 | 0 | 362 | 252 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ALMPTYP2 | 2 | 289300 | $0 \quad 0$ | 0 | 0 | 0289280 | 0 | 16 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| ELMPTYP3 | 0 | 289300 | 0288686 | 0 | 0 | 0 | 0 | 88 | 526 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ALMPTYP3 | 0 | 289300 | $0 \quad 0$ | 0 |  | 0289296 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| ESSSELF | 0 | 289300 | 078756 | 0 | 0 | 0 | 0 | 41610 | 168934 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ASSSELF | 0 | 289300 | $0 \quad 0$ | 0 | 0 | 0279580 | 0 | 9720 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ESSCHILD | - 0 | 289300 | 0215719 | 0 | 0 | 0 | 0 | 1056 | 72525 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ASSCHILD | D 0 | 289300 | $0 \quad 0$ | 0 | 0 | 0286812 | 0 | 2488 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ESSICHLD | D 0 | 289300 | 0215600 | 0 | 0 | 0 0 | 0 | 513 | 73187 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ASSICHLD | D 0 | 289300 | 00 | 0 |  | 0286799 | 0 | 2501 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ESSISELF | F 0 | 289300 | 065909 | 0 | 0 | 0 | 0 | 6545 | 216846 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ASSISELF | F 0 | 289300 | $0 \quad 0$ | 0 | 0 | 0278633 | 0 | 10667 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ESTSSI | 0 | 289300 | 0282270 | 0 | 0 | 00 | 0 | 304 | 6726 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ASTSSI | 0 | 289300 | 00 | 0 | 0 | 0289187 | 0 | 0 | 0 | 113 | 0 | 0 | 0 | 0 | 0 | 0 |
| RWCMPRSN | N 0 | 289300 | 0288810 | 0 | 0 | 00 | 0 | 466 | 0 | 24 | 0 | 0 | 0 | 0 | 0 | 0 |
| AWCMPRSN | N 0 | 289300 | $0 \quad 0$ | 0 | 0 | 0289187 | 0 | 45 | 0 | 0 | 68 | 0 | 0 | 0 | 0 | 0 |
| RINSRSN | 0 | 289300 | 0288820 | 0 | 0 | 00 | 0 | 198 | 0 | 0 | 0 | 0 | 0 | 0 | 282 | 0 |
| AINSRSN | 0 | 289300 | $0 \quad 0$ | 0 | 0 | 0289253 | 0 | 47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| REMPDRSN | $\cdots 0$ | 289300 | 0288520 | 0 | 0 | 00 | 0 | 546 | 0 | 0 | 0 | 0 | 0 | 0 | 234 | 0 |
| AEMPDRSN | N 0 | 289300 | 00 | 0 | 0 | 0289188 | 0 | 112 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RPENSRSN | $\cdots$ | 289300 | 0275835 | 0 | 0 | 0 0 | 0 | 112 | 11990 | 987 | 32 | 0 | 344 | 0 | 0 | 0 |
| APENSRSN | $\cdots 0$ | 289300 | $0 \quad 0$ | 0 | 0 | 0286813 | 0 | 2487 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RFCSRSN | 0 | 289300 | 0287207 | 0 | 0 | 00 | 0 | 24 | 1811 | 204 | 8 | 0 | 46 | 0 | 0 | 0 |
| AFCSRSN | 0 | 289300 | $0 \quad 0$ | 0 |  | 0288777 | 0 | 523 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RSTATRSN | N 0 | 289300 | 0286109 | 0 | 0 | 00 | 0 | 52 | 2995 | 100 | 4 | 0 | 40 | 0 | 0 | 0 |
| ASTATRSN | N 0 | 289300 | 00 | 0 | 0 | 0288729 | 0 | 571 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RLGOVRSN | N 0 | 289300 | 0288217 | 0 | 0 | $0 \quad 0$ | 0 | 32 | 989 | 50 | 4 | 0 | 8 | 0 | 0 | 0 |
| ALGOVRSN | $\cdots$ | 289300 | $0 \quad 0$ | 0 | 0 | 0289117 | 0 | 183 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RMILRSN | 0 | 289300 | 0287458 | 0 | 0 | 00 | 0 | 36 | 1698 | 92 | 12 | 0 | 4 | 0 | 0 | 0 |
| AMILRSN | 0 | 289300 | 00 | 0 | 0 | 0288846 | 0 | 454 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RRRSN | 0 | 289300 | 0288839 | 0 | 0 | 0 | 0 | 30 | 339 | 68 | 12 | 0 | 12 | 0 | 0 | 0 |
| ARRRSN | 0 | 289300 | $0 \quad 0$ | 0 | 0 | 0289183 | 0 | 117 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ROTHRRSN | N 0 | 289300 | 0288122 | 0 | 0 | 00 | 0 | 324 | 524 | 286 | 0 | 16 | 28 | 0 | 0 | 0 |
| AOTHRRSN | N 0 | 289300 | $0 \quad 0$ | 0 | 0 | 0288997 | 0 | 303 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RLIFIRSN | N 0 | 289300 | 0287882 | 0 | 0 | 00 | 0 | 0 | 687 | 108 | 0 | 0 | 12 | 0 | 611 | 0 |
| ALIFIRSN | N 0 | 289300 | $0 \quad 0$ | 0 |  | 0289188 | 0 | 112 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RVETSRSN | N 0 | 289300 | 0284394 | 0 | 0 | 00 | 0 | 0 | 0 | 334 | 0 | 0 | 0 | 0 | 4572 | 0 |
| AVETSRSN | N 0 | 289300 | 00 | 0 |  | 0289248 | 0 | 52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |


| RESTARSN | 0 | 289300 | 0 | 284692 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 0 | 0 | 0 | 0 | 4580 | 0 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| AESTARSN | 0 | 289300 | 0 | 0 | 0 | 0 | 289300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EFCCYN | 0 | 289300 | 0 | 288173 | 0 | 0 | 0 | 0 | 128 | 999 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AFCCYN | 0 | 289300 | 0 | 0 | 0 | 0 | 289272 | 0 | 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ECSAGREE | 0 | 289300 | 0 | 267993 | 0 | 0 | 0 | 0 | 8306 | 13001 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ACSAGREE | 0 | 289300 | 0 | 0 | 0 | 0 | 281882 | 0 | 252 | 0 | 0 | 7166 | 0 | 0 | 0 | 0 | 0 |



RESTARSN AESTARSN
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| 0 | 0 | 0 | 0 | 0 | 0 |
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| 0 | 0 | 0 | 0 | 0 | 0 |
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| 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 |
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RESTARSN AESTARSN
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| 0 | 0 | 0 | 0 | 0 | 0 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 |



RESTARSN AESTARSN
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| 0 | 0 | 0 | 0 | 0 | 0 |
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| 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 |



RESTARSN AESTARSN
EFCCYN AFCCYN ECSAGREE

| 0 | 0 | 0 | 0 | 0 | 0 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 |



RESTARSN AESTARSN
EFCCYN AFCCYN ECSAGREE

| 0 | 0 | 0 | 0 | 0 | 0 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 |
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RESTARSN AESTARSN
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| 0 | 0 | 0 | 0 | 0 | 0 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 |


| Item Sc | ScFac | Total | NonNum | NegNum | Val-R | Va1-D | D Val-0 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ECSYN | 0 | 289300 | 0 | 267993 | 0 |  | 00 | 0 | 6080 | 15227 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ACSYN | 0 | 289300 | 0 | 0 | 0 |  | 0287490 | 0 | 1810 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EALIYN | 0 | 289300 | 0 | 234885 | 0 |  | 00 | 0 | 624 | 53791 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AALIYN | 0 | 289300 | 0 | 0 | 0 |  | 0286584 | 0 | 2716 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EFSYN | 0 | 289300 | 0 | 78871 | 0 |  | 00 | 0 | 8243 | 202186 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AFSYN | 0 | 289300 | 0 | 0 | 0 |  | 0258988 | 0 | 30312 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EPSSTHRU | U 0 | 289300 | 0 | 287776 | 0 |  | 0 0 | 0 | 68 | 1456 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| APSSTHRU | U 0 | 289300 | 0 | 0 | 0 |  | 0289221 | 0 | 79 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EWICYN | 0 | 289300 | 0 | 221568 | 0 |  | 00 | 0 | 4849 | 62883 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AWICYN | 0 | 289300 | 0 | 0 | 0 |  | 0285276 | 0 | 4024 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EPATYN | 0 | 289300 | 0 | 65909 | 0 |  | 00 | 0 | 3362 | 220029 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| APATYN | 0 | 289300 | 0 | 0 | 0 |  | 0278815 | 0 | 10485 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EPATYP1 | 0 | 289300 | 0 | 285938 | 0 |  | 00 | 0 | 1988 | 1374 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| APATYP1 | 0 | 289300 | 0 | 0 | 0 |  | 0289140 | 0 | 98 | 0 | 0 | 62 | 0 | 0 | 0 | 0 | 0 |
| EPATYP2 | 0 | 289300 | 0 | 285938 | 0 |  | 00 | 0 | 423 | 2939 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| APATYP2 | 0 | 289300 | 0 | 0 | 0 |  | 0289140 | 0 | 98 | 0 | 0 | 62 | 0 | 0 | 0 | 0 | 0 |
| EPATYP3 | 0 | 289300 | 0 | 285938 | 0 |  | 00 | 0 | 364 | 2998 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| APATYP3 | 0 | 289300 | 0 | 0 | 0 |  | 0289140 | 0 | 98 | 0 | 0 | 62 | 0 | 0 | 0 | 0 | 0 |
| EPATYP4 | 0 | 289300 | 0 | 285938 | 0 |  | 00 | 0 | 293 | 3069 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| APATYP4 | 0 | 289300 | 0 | 0 | 0 |  | 0289140 | 0 | 98 | 0 | 0 | 62 | 0 | 0 | 0 | 0 | 0 |
| EPATYP5 | 0 | 289300 | 0 | 285938 | 0 |  | 00 | 0 | 531 | 2831 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| APATYP5 | 0 | 289300 | 0 | 0 | 0 |  | 0289140 | 0 | 98 | 0 | 0 | 62 | 0 | 0 | 0 | 0 | 0 |
| EPATYP6 | 0 | 289300 | 0 | 285938 | 0 |  | 00 | 0 | 34 | 3328 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| APATYP6 | 0 | 289300 | 0 | 0 | 0 |  | 0289140 | 0 | 98 | 0 | 0 | 62 | 0 | 0 | 0 | 0 | 0 |
| EPATYP7 | 0 | 289300 | 0 | 285938 | 0 |  | 0 | 0 | 452 | 2910 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| APATYP7 | 0 | 289300 | 0 | 0 | 0 |  | 0289140 | 0 | 98 | 0 | 0 | 62 | 0 | 0 | 0 | 0 | 0 |
| ECOMSERV | $\checkmark 0$ | 289300 | 0 | 270838 | 0 |  | 0 0 | 0 | 200 | 18262 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ACOMSERV | $\checkmark 0$ | 289300 | 0 | 0 | 0 |  | 0286835 | 0 | 2465 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ECOMTYPE | E 0 | 289300 | 0 | 289100 | 0 |  | 00 | 0 | 96 | 104 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ACOMTYPE | E 0 | 289300 | 0 | 0 | 0 |  | 0289264 | 0 | 36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EASETDRW | W 0 | 289300 | 0 | 274515 | 0 |  | 00 | 0 | 568 | 1469 | 16 | 12732 | 0 | 0 | 0 | 0 | 0 |
| AASETDRW | W 0 | 289300 | 0 | 0 | 0 |  | 0288230 | 0 | 1070 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ERESNSS1 | 10 | 289300 | 0 | 247690 | 0 |  | 00 | 0 | 30105 | 5720 | 3003 | 1697 | 1085 | 0 | 0 | 0 | 0 |
| ARESNSS1 | 10 | 289300 | 0 | 0 | 0 |  | 0250006 | 0 | 912 | 0 | 0 | 38382 | 0 | 0 | 0 | 0 | 0 |
| ERESNSS2 | 20 | 289300 | 0 | 247690 | 0 |  | 038928 | 0 | 457 | 685 | 1210 | 204 | 126 | 0 | 0 | 0 | 0 |
| ARESNSS2 | 20 | 289300 | 0 | 0 | 0 |  | 0250000 | 0 | 0 | 918 | 0 | 38382 | 0 | 0 | 0 | 0 | 0 |
| TAGESS | 0 | 289300 | 0 | 288321 | 0 |  | 015 | 0 | 27 | 0 | 4 | 0 | 0 | 4 | 0 | 4 | 0 |
| AAGESS | 0 | 289300 | 0 | 0 | 0 |  | 0288943 | 0 | 357 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EJNTSSYN | N 0 | 289300 | 0 | 275944 | 0 |  | 0 | 0 | 3163 | 10193 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AJNTSSYN | N 0 | 289300 | 0 | 0 | 0 |  | 0286230 | 0 | 2929 | 0 | 0 | 141 | 0 | 0 | 0 | 0 | 0 |
| ER01A | 0 | 289300 | 0 | 247690 | 0 |  | 00 | 0 | 41366 | 244 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AR01A | 0 | 289300 | 0 | 0 | 0 |  | 0287646 | 0 | 1654 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ER01K | 0 | 289300 | 0 | 288244 | 0 |  | 00 | 0 | 1040 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AR01K | 0 | 289300 | 0 | 0 | 0 |  | 0289236 | 0 | 64 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ER02 | 0 | 289300 | 0 | 288839 | 0 |  | 00 | 0 | 461 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AR02 | 0 | 289300 | 0 | 0 | 0 |  | 0289175 | 0 | 125 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ER03A | 0 | 289300 | 0 | 282755 | 0 |  | 00 | 0 | 6479 | 66 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AR03A | 0 | 289300 | 0 | 0 | 0 |  | 0288782 | 0 | 518 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ER03K | 0 | 289300 | 0 | 288787 | 0 |  | 00 | 0 | 499 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AR03K | 0 | 289300 | 0 | 0 | 0 |  | 0289264 | 0 | 36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |




ER04
AR04
AR04
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| ER08 | 0 | 289300 | 0 | 286774 | 0 |  | 00 | 0 | 2509 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AR08 | 0 | 289300 | 0 | 0 | 0 |  | 0289139 | 0 | 161 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ER10 | 0 | 289300 | 0 | 288337 | 0 |  | 00 | 0 | 888 | 75 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AR10 | 0 | 289300 | 0 | 0 | 0 |  | 0288942 | 0 | 358 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ER12 | 0 | 289300 | 0 | 289292 | 0 |  | 00 | 0 | 3 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AR12 | 0 | 289300 | 0 | 0 | 0 |  | 0289300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ER13 | 0 | 289300 | 0 | 289106 | 0 |  | 00 | 0 | 161 | 33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AR13 | 0 | 289300 | 0 | 0 | 0 |  | 0289245 | 0 | 55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ER14 | 0 | 289300 | 0 | 288754 | 0 |  | 00 | 0 | 498 | 48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AR14 | 0 | 289300 | 0 | 0 | 0 |  | 0289180 | 0 | 120 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ER15 | 0 | 289300 | 0 | 288938 | 0 |  | 0 0 | 0 | 110 | 252 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AR15 | 0 | 289300 | 0 | 0 | 0 |  | 0289255 | 0 | 45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ER20 | 0 | 289300 | 0 | 287312 | 0 |  | 00 | 0 | 1789 | 199 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AR20 | 0 | 289300 | 0 | 0 | 0 |  | 0289133 | 0 | 167 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ER21 | 0 | 289300 | 0 | 288877 | 0 |  | 00 | 0 | 348 | 75 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AR21 | 0 | 289300 | 0 | 0 | 0 |  | 0289251 | 0 | 49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ER23 | 0 | 289300 | 0 | 289172 | 0 |  | 00 | 0 | 122 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AR23 | 0 | 289300 | 0 | 0 | 0 |  | 0289288 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ER24 | 0 | 289300 | 0 | 288814 | 0 |  | 00 | 0 | 376 | 110 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AR24 | 0 | 289300 | 0 | 0 | 0 |  | 0289156 | 0 | 144 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ER25 | 0 | 289300 | 0 | 284451 | 0 |  | 00 | 0 | 4584 | 265 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AR25 | 0 | 289300 | 0 | 0 | 0 |  | 0288942 | 0 | 358 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ER26 | 0 | 289300 | 0 | 289216 | 0 |  | 00 | 0 | 73 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AR26 | 0 | 289300 | 0 | 0 | 0 |  | 0289295 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ER27 | 0 | 289300 | 0 | 281057 | 0 |  | 00 | 0 | 7679 | 564 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AR27 | 0 | 289300 | 0 | 0 | 0 |  | 0288632 | 0 | 668 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ER28 | 0 | 289300 | 0 | 283220 | 0 |  | 00 | 0 | 5573 | 507 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AR28 | 0 | 289300 | 0 | 0 | 0 |  | 0288746 | 0 | 553 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| ER29 | 0 | 289300 | 0 | 288676 | 0 |  | 00 | 0 | 602 | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AR29 | 0 | 289300 | 0 | 0 | 0 |  | 0289268 | 0 | 32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ER30 | 0 | 289300 | 0 | 275841 | 0 |  | 00 | 0 | 13366 | 93 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AR30 | 0 | 289300 | 0 | 0 | 0 |  | 0286713 | 0 | 2587 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ER31 | 0 | 289300 | 0 | 287207 | 0 |  | 00 | 0 | 2082 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AR31 | 0 | 289300 | 0 | 0 | 0 |  | 0288774 | 0 | 526 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ER32 | 0 | 289300 | 0 | 287474 | 0 |  | 00 | 0 | 1826 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AR32 | 0 | 289300 | 0 | 0 | 0 |  | 0288850 | 0 | 450 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ER34 | 0 | 289300 | 0 | 286109 | 0 |  | 00 | 0 | 3177 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AR34 | 0 | 289300 | 0 | 0 | 0 |  | 0288707 | 0 | 593 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ER35 | 0 | 289300 | 0 | 288229 | 0 |  | 0 0 | 0 | 1069 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AR35 | 0 | 289300 | 0 | 0 | 0 |  | 0289097 | 0 | 203 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ER36 | 0 | 289300 | 0 | 288513 | 0 |  | 0 0 | 0 | 686 | 101 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AR36 | 0 | 289300 | 0 | 0 | 0 |  | 0289132 | 0 | 168 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ER37 | 0 | 289300 | 0 | 289276 | 0 |  | 00 | 0 | 21 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AR37 | 0 | 289300 | 0 | 0 | 0 |  | 0289300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ER38 | 0 | 289300 | 0 | 288146 | 0 |  | 00 | 0 | 1100 | 54 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AR38 | 0 | 289300 | 0 | 0 | 0 |  | 0288960 | 0 | 340 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ER39 | 0 | 289300 | 0 | 289088 | 0 |  | 0 0 | 0 | 57 | 155 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AR39 | 0 | 289300 | 0 | 0 | 0 |  | 0289256 | 0 | 44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ER42 | 0 | 289300 | 0 | 287247 | 0 |  | 0 0 | 0 | 1440 | 613 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AR42 | 0 | 289300 | 0 | 0 | 0 |  | 0288959 | 0 | 340 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |


| ER50 | 0 | 289300 | 0 | 289300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
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| AR50 | 0 | 289300 | 0 | 0 | 0 | 0 | 289300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ER51 | 0 | 289300 | 0 | 289109 | 0 | 0 | 0 | 0 | 131 | 60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AR51 | 0 | 289300 | 0 | 0 | 0 | 0 | 289279 | 0 | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ER52 | 0 | 289300 | 0 | 289212 | 0 | 0 | 0 | 0 | 88 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AR52 | 0 | 289300 | 0 | 0 | 0 | 0 | 289212 | 0 | 88 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |


| Item | ScFac | Total | NonNum | NegNum | Val-R | Va1-D | D Val-0 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
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| ER53 | 0 | 289300 | 0 | 289296 | 0 |  | 00 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AR53 | 0 | 289300 | 0 | 0 | 0 |  | 0289300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ER55 | 0 | 289300 | 0 | 288459 | 0 | 0 | 0 | 0 | 491 | 350 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AR55 | 0 | 289300 | 0 | 0 | 0 |  | 0289063 | 0 | 237 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ER56 | 0 | 289300 | 0 | 289192 | 0 | 0 | 0 | 0 | 59 | 49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AR56 | 0 | 289300 | 0 | 0 | 0 | 0 | 0289296 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ER75 | 0 | 289300 | 0 | 289160 | 0 | 0 | 0 | 0 | 104 | 36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AR75 | 0 | 289300 | 0 | 0 | 0 | 0 | 0289248 | 0 | 52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| T01AMTA | 3 | 289300 | 0 | 0 | 0 |  | 0247934 | 32709 | 8524 | 106 | 7 | 4 | 4 | 8 | 4 | 0 | 0 |
| A01AMTA | 0 | 289300 | 0 | 0 | 0 |  | 0278117 | 0 | 1333 | 0 | 0 | 9850 | 0 | 0 | 0 | 0 | 0 |
| T01AMTK | 3 | 289300 | 0 | 0 | 0 |  | 0288260 | 904 | 99 | 30 | 6 | 0 | 0 | 0 | 0 | 1 | 0 |
| A01AMTK | 0 | 289300 | 0 | 0 | 0 |  | 0289116 | 0 | 108 | 0 | 0 | 76 | 0 | 0 | 0 | 0 | 0 |
| T02AMT | 3 | 289300 | 0 | 0 | 0 |  | 0288839 | 222 | 191 | 48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| A02AMT | 0 | 289300 | 0 | 0 | 0 |  | 0289063 | 0 | 109 | 0 | 0 | 128 | 0 | 0 | 0 | 0 | 0 |
| T03AMTA | 3 | 289300 | 0 | 0 | 0 |  | 0282821 | 6353 | 122 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| A03AMTA | 0 | 289300 | 0 | 0 | 0 |  | 0287863 | 0 | 402 | 0 | 0 | 1035 | 0 | 0 | 0 | 0 | 0 |
| T03AMTK | 3 | 289300 | 0 | 0 | 0 |  | 0288801 | 482 | 16 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| A03AMTK | 0 | 289300 | 0 | 0 | 0 |  | 0289213 | 0 | 65 | 0 | 0 | 22 | 0 | 0 | 0 | 0 | 0 |
| T04AMT | 3 | 289300 | 0 | 0 | 0 |  | 0289055 | 245 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| A04AMT | 0 | 289300 | 0 | 0 | 0 |  | 0289211 | 0 | 61 | 0 | 0 | 28 | 0 | 0 | 0 | 0 | 0 |
| T05AMT | 3 | 289300 | 0 | 0 | 0 |  | 0287436 | 1364 | 469 | 24 | 0 | 1 | 4 | 0 | 0 | 0 | 0 |
| A05AMT | 0 | 289300 | 0 | 0 | 0 |  | 0288741 | 0 | 416 | 0 | 0 | 143 | 0 | 0 | 0 | 0 | 0 |
| T07AMT | 3 | 289300 | 0 | 0 | 0 |  | 0289269 | 18 | 12 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| A07AMT | 0 | 289300 | 0 | 0 | 0 |  | 0289291 | 0 | 7 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| T08AMT | 3 | 289300 | 0 | 0 | 0 |  | 0286791 | 2168 | 166 | 156 | 13 | 0 | 4 | 0 | 0 | 0 | 0 |
| A08AMT | 0 | 289300 | 0 | 0 | 0 |  | 0288612 | 0 | 175 | 0 | 0 | 513 | 0 | 0 | 0 | 0 | 0 |
| T10AMT | 3 | 289300 | 0 | 0 | 0 |  | 0288412 | 509 | 320 | 54 | 4 | 0 | 1 | 0 | 0 | 0 | 0 |
| A10AMT | 0 | 289300 | 0 | 0 | 0 |  | 0288831 | 0 | 227 | 0 | 0 | 242 | 0 | 0 | 0 | 0 | 0 |
| T12AMT | 3 | 289300 | 0 | 0 | 0 |  | 0289297 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| A12AMT | 0 | 289300 | 0 | 0 | 0 |  | 0289300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| T13AMT | 3 | 289300 | 0 | 0 | 0 |  | 0289139 | 81 | 62 | 9 | 0 | 0 | 4 | 0 | 0 | 0 | 1 |
| A13AMT | 0 | 289300 | 0 | 0 | 0 |  | 0289223 | 0 | 32 | 0 | 0 | 45 | 0 | 0 | 0 | 0 | 0 |
| T14AMT | 3 | 289300 | 0 | 0 | 0 |  | 0288802 | 291 | 129 | 48 | 16 | 1 | 1 | 0 | 0 | 0 | 0 |
| A14AMT | 0 | 289300 | 0 | 0 | 0 |  | 0289128 | 0 | 76 | 0 | 0 | 96 | 0 | 0 | 0 | 0 | 0 |
| T15AMT | 3 | 289300 | 0 | 0 | 0 |  | 0289190 | 27 | 18 | 18 | 12 | 3 | 1 | 6 | 10 | 3 | 1 |
| A15AMT | 0 | 289300 | 0 | 0 | 0 |  | 0289274 | 0 | 25 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| T20AMT | 3 | 289300 | 0 | 0 | 0 |  | 0287511 | 1778 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| A20AMT | 0 | 289300 | 0 | 0 | 0 |  | 0288948 | 0 | 154 | 0 | 0 | 198 | 0 | 0 | 0 | 0 | 0 |
| T21AMT | 3 | 289300 | 0 | 0 | 0 |  | 0288952 | 348 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| A21AMT | 0 | 289300 | 0 | 0 | 0 |  | 0289186 | 0 | 89 | 0 | 0 | 25 | 0 | 0 | 0 | 0 | 0 |
| T23AMT | 3 | 289300 | 0 | 0 | 0 |  | 0289178 | 74 | 36 | 8 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| A23AMT | 0 | 289300 | 0 | 0 | 0 |  | 0289271 | 0 | 9 | 0 | 0 | 20 | 0 | 0 | 0 | 0 | 0 |
| T24AMT | 3 | 289300 | 0 | 0 | 0 |  | 0288924 | 358 | 4 | 2 | 0 | 12 | 0 | 0 | 0 | 0 | 0 |
| A24AMT | 0 | 289300 | 0 | 0 | 0 |  | 0289105 | 0 | 185 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 |
| T25AMT | 3 | 289300 | 0 | 0 | 0 |  | 0284716 | 4584 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| A25AMT | 0 | 289300 | 0 | 0 | 0 |  | 0289300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| T26AMT | 3 | 289300 | 0 | 0 | 0 |  | 0289227 | 73 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| A26AMT | 0 | 289300 | 0 | 0 | 0 |  | 0289253 | 0 | 17 | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 0 |
| T27AMT | 3 | 289300 | 0 | 0 | 0 |  | 0281621 | 7679 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| A27AMT | 0 | 289300 | 0 | 0 | 0 |  | 0288156 | 0 | 407 | 0 | 0 | 737 | 0 | 0 | 0 | 0 | 0 |


| T28AMT | 3 | 289300 | 0 | 0 | 0 | 0 | 283727 | 5158 | 411 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
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| A28AMT | 0 | 289300 | 0 | 0 | 0 | 0 | 288185 | 0 | 342 | 0 | 33 | 740 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| T29AMT | 3 | 289300 | 0 | 0 | 0 | 0 | 288698 | 480 | 63 | 30 | 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| A29AMT | 0 | 289300 | 0 | 0 | 0 | 0 | 289124 | 0 | 47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| T30AMT | 3 | 289300 | 0 | 0 | 0 | 0 | 275934 | 9787 | 2377 | 807 | 394 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



| T28AMT | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
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| A28AMT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
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| A28AMT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
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| A29AMT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| T30AMT | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
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| A28AMT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| T29AMT | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| A29AMT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| T30AMT | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
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| T29AMT | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
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| T30AMT | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
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| A28AMT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| T29AMT | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| A29AMT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| T30AMT | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| A30AMT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |


| Item S | ScFac | Total | NonNum | NegNum | Val-R | Val-D | D Val-0 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| T31AMT | 3 | 289300 | 0 | 0 | 0 | 0 | 0287218 | 654 | 784 | 343 | 163 | 60 | 78 | 0 | 0 | 0 | 0 |
| A31AMT | 0 | 289300 | 0 | 0 | 0 |  | 0288335 | 0 | 284 | 0 | 0 | 681 | 0 | 0 | 0 | 0 | 0 |
| T32AMT | 3 | 289300 | 0 | 0 | 0 | 0 | 0287474 | 554 | 838 | 304 | 76 | 54 | 0 | 0 | 0 | 0 | 0 |
| A32AMT | 0 | 289300 | 0 | 0 | 0 |  | 0288526 | 0 | 205 | 0 | 0 | 569 | 0 | 0 | 0 | 0 | 0 |
| T34AMT | 3 | 289300 | 0 | 0 | 0 |  | 0286123 | 1610 | 846 | 503 | 218 | 0 | 0 | 0 | 0 | 0 | 0 |
| A34AMT | 0 | 289300 | 0 | 0 | 0 |  | 0288081 | 0 | 284 | 0 | 0 | 935 | 0 | 0 | 0 | 0 | 0 |
| T35AMT | 3 | 289300 | 0 | 0 | 0 |  | 0288231 | 595 | 214 | 146 | 73 | 41 | 0 | 0 | 0 | 0 | 0 |
| A35AMT | 0 | 289300 | 0 | 0 | 0 |  | 0288892 | 0 | 110 | 0 | 0 | 298 | 0 | 0 | 0 | 0 | 0 |
| T36AMT | 3 | 289300 | 0 | 0 | 0 | 0 | 0288614 | 563 | 60 | 20 | 21 | 16 | 2 | 0 | 0 | 1 | 0 |
| A36AMT | 0 | 289300 | 0 | 0 | 0 |  | 0289020 | 0 | 199 | 0 | 0 | 81 | 0 | 0 | 0 | 0 | 0 |
| T37AMT | 3 | 289300 | 0 | 0 | 0 |  | 0289279 | 16 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| A37AMT | 0 | 289300 | 0 | 0 | 0 |  | 0289292 | 0 | 1 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| T38AMT | 4 | 289300 | 0 | 0 | 0 |  | 0288200 | 1099 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| A38AMT | 0 | 289300 | 0 | 0 | 0 |  | 0288758 | 0 | 218 | 0 | 0 | 324 | 0 | 0 | 0 | 0 | 0 |
| T39AMT | 4 | 289300 | 0 | 0 | 0 |  | 0289243 | 48 | 1 | 3 | 0 | 4 | 1 | 0 | 0 | 0 | 0 |
| A39AMT | 0 | 289300 | 0 | 0 | 0 |  | 0289271 | 0 | 28 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| T42AMT | 3 | 289300 | 0 | 0 | 0 |  | 0287860 | 920 | 226 | 96 | 56 | 33 | 30 | 11 | 6 | 15 | 5 |
| A42AMT | 0 | 289300 | 0 | 0 | 0 |  | 0288729 | 0 | 326 | 0 | 0 | 245 | 0 | 0 | 0 | 0 | 0 |
| T50AMT | 3 | 289300 | 0 | 0 | 0 |  | 0289300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| A50AMT | 0 | 289300 | 0 | 0 | 0 |  | 0289300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| T51AMT | 3 | 289300 | 0 | 0 | 0 |  | 0289169 | 108 | 19 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| A51AMT | 0 | 289300 | 0 | 0 | 0 |  | 0289250 | 0 | 42 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| T52AMT | 3 | 289300 | 0 | 0 | 0 |  | 0289212 | 88 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| A52AMT | 0 | 289300 | 0 | 0 | 0 |  | 0289212 | 0 | 80 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| T53AMT | 3 | 289300 | 0 | 0 | 0 |  | 0289296 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| A53AMT | 0 | 289300 | 0 | 0 | 0 |  | 0289300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| T55AMT | 3 | 289300 | 0 | 0 | 0 |  | 0288809 | 393 | 72 | 20 | 1 | 3 | 2 | 0 | 0 | 0 | 0 |
| A55AMT | 0 | 289300 | 0 | 0 | 0 |  | 0289075 | 0 | 199 | 0 | 0 | 26 | 0 | 0 | 0 | 0 | 0 |
| T56AMT | 3 | 289300 | 0 | 0 | 0 |  | 0289241 | 53 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| A56AMT | 0 | 289300 | 0 | 0 | 0 |  | 0289294 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| T75AMT | 4 | 289300 | 0 | 0 | 0 |  | 0289108 | 192 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| A75AMT | 0 | 289300 | 0 | 0 | 0 |  | 0289246 | 0 | 29 | 0 | 0 | 25 | 0 | 0 | 0 | 0 | 0 |
| TCSAGY | 3 | 289300 | 0 | 0 | 0 |  | 0289227 | 73 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ACSAGY | 0 | 289300 | 0 | 0 | 0 |  | 0289247 | 0 | 23 | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 0 |
| EROLOVR1 | 10 | 289300 | 0 | 289088 | 0 |  | 00 | 0 | 64 | 148 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AROLOVR1 | 10 | 289300 | 0 | 0 | 0 |  | 0289256 | 0 | 44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EROLOVR2 | 20 | 289300 | 0 | 289088 | 0 |  | 00 | 0 | 40 | 172 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AROLOVR2 | 20 | 289300 | 0 | 0 | 0 |  | 0289268 | 0 | 32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TROLLAMT | T 5 | 289300 | 0 | 0 | 0 |  | 0289200 | 52 | 8 | 4 | 0 | 8 | 12 | 0 | 0 | 8 | 0 |
| AROLLAMT | T 0 | 289300 | 0 | 0 | 0 |  | 0289260 | 0 | 28 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 |
| RAB1R1 | 0 | 289300 | 0 | 287312 | 0 |  | 00 | 0 | 0 | 572 | 67 | 82 | 186 | 869 | 4 | 4 | 108 |
| RAB1R2 | 0 | 289300 | 0 | - 289100 | 0 |  | 00 | 0 | 0 | 0 | 0 | 28 | 148 | 20 | 0 | 0 | 4 |
| RAB2R1 | 0 | 289300 | 0 | - 289284 | 0 |  | 00 | 0 | 0 | 0 | 0 | 8 | 4 | 0 | 0 | 4 | 0 |
| RAB2R2 | 0 | 289300 | 0 | - 289292 | 0 |  | 00 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 |
| RAS11 | 0 | 289300 | 0 | - 289260 | 0 |  | 00 | 0 | 24 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 |
| RAS12 | 0 | 289300 | 0 | 289300 | 0 |  | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RAS13 | 0 | 289300 | 0 | 289300 | 0 |  | $0 \quad 0$ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RAS21 | 0 | 289300 | 0 | 289224 | 0 |  | $0 \quad 0$ | 0 | 28 | 16 | 4 | 4 | 12 | 0 | 4 | 8 | 0 |
| RAS22 | 0 | 289300 | 0 | - 289296 | 0 |  | 00 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 |
| RAS23 | 0 | 289300 | 0 | - 289296 | 0 |  | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 |


| RWB1R1 | 0 | 289300 | 0 | 284451 | 0 | 0 | 0 | 0 | 0 | 3269 | 20 | 10 | 250 | 824 | 278 | 16 | 0 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| RWB1R2 | 0 | 289300 | 0 | 288729 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 16 | 370 | 4 | 0 | 8 | 0 |
| RWB2R1 | 0 | 289300 | 0 | 289276 | 0 | 0 | 0 | 0 | 0 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RWB2R2 | 0 | 289300 | 0 | 289296 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 |
| RWS1 | 0 | 289300 | 0 | 289072 | 0 | 0 | 0 | 0 | 32 | 12 | 80 | 12 | 20 | 72 | 0 | 0 | 0 |
| RWS2 | 0 | 289300 | 0 | 289292 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 4 | 0 | 0 | 0 |


$\begin{array}{llllllllllllllllllll}\text { RWB1R1 } & 0 & 182 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \text { RWB1R2 } & 0 & 169 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \text { RWB2R1 } & 0 & 4 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \text { RWB2R2 } & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \text { RWS1 } & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \text { RWS2 } & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0\end{array}$

$\begin{array}{llllllllllllllllllll}\text { RWB1R1 } & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \text { RWB1R2 } & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \text { RWB2R1 } & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \text { RWB2R2 } & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \text { RWS1 } & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \text { RWS2 } & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0\end{array}$

$\begin{array}{llllllllllllllllllll}\text { RWB1R1 } & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \text { RWB1R2 } & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \text { RWB2R1 } & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \text { RWB2R2 } & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \text { RWS1 } & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \text { RWS2 } & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0\end{array}$

$\begin{array}{llllllllllllllllllll}\text { RWB1R1 } & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \text { RWB1R2 } & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \text { RWB2R1 } & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \text { RWB2R2 } & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \text { RWS1 } & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \text { RWS2 } & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0\end{array}$

$\begin{array}{llllllllllllllllllll}\text { RWB1R1 } & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \text { RWB1R2 } & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \text { RWB2R1 } & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \text { RWB2R2 } & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \text { RWS1 } & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ \text { RWS2 } & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0\end{array}$

| Item | ScFac | Total | NonNum | NegNum | Val-R | Val-D | Val-0 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| RFB1R1 | 0 | 289300 | 0 | 281057 | 0 | 0 | 0 | 0 | 0 | 1039 | 179 | 432 | 2034 | 2341 | 32 | 154 | 1728 |
| RFB1R2 | 0 | 289300 | 0 | 288681 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 111 | 24 | 168 | 4 | 156 | 120 |
| RFB2R1 | 0 | 289300 | 0 | 289260 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 4 | 12 | 4 | 4 | 8 | 4 |
| RFB2R2 | 0 | 289300 | 0 | 289292 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 4 | 0 | 0 | 0 | 0 |
| RFS1 | 0 | 289300 | 0 | 288889 | 0 | 0 | 0 | 0 | 169 | 19 | 60 | 44 | 36 | 83 | 0 | 0 | 0 |
| RFS2 | 0 | 289300 | 0 | 289300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RGB1R1 | 0 | 289300 | 0 | 288877 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 4 | 24 | 323 | 4 | 0 | 20 |
| RGB1R2 | 0 | 289300 | 0 | 289288 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 4 | 0 |
| RGB2R1 | 0 | 289300 | 0 | 289300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RGB2R2 | 0 | 289300 | 0 | 289300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RGS1 | 0 | 289300 | 0 | 289220 | 0 | 0 | 0 | 0 | 16 | 16 | 8 | 4 | 12 | 24 | 0 | 0 | 0 |
| RGS2 | 0 | 289300 | 0 | 289300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ROB1R1 | 0 | 289300 | 0 | 288814 | 0 | 0 | 0 | 0 | 0 | 24 | 0 | 4 | 41 | 311 | 20 | 0 | 20 |
| ROB1R2 | 0 | 289300 | 0 | 289296 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 |
| ROB2R1 | 0 | 289300 | 0 | 289296 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 |
| ROB2R2 | 0 | 289300 | 0 | 289300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ROS1 | 0 | 289300 | 0 | 289193 | 0 | 0 | 0 | 0 | 14 | 4 | 18 | 12 | 12 | 47 | 0 | 0 | 0 |
| ROS2 | 0 | 289300 | 0 | 289296 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 |
| RSB1R1 | 0 | 289300 | 0 | 282755 | 0 | 0 | 0 | 0 | 0 | 3456 | 2494 | 595 | 0 | 0 | 0 | 0 | 0 |
| RSB1R2 | 0 | 289300 | 0 | 289049 | 0 | 0 | 0 | 0 | 0 | 0 | 247 | 4 | 0 | 0 | 0 | 0 | 0 |
| RSB2R1 | 0 | 289300 | 0 | 289290 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RSB2R2 | 0 | 289300 | 0 | 289300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RSS1 | 0 | 289300 | 0 | 289223 | 0 | 0 | 0 | 0 | 22 | 8 | 8 | 11 | 12 | 16 | 0 | 0 | 0 |
| RSS2 | 0 | 289300 | 0 | 289300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EAST1A | 0 | 289300 | 0 | 65909 | 0 | 0 | 0 | 0 | 22933 | 200458 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AAST1A | 0 | 289300 | 0 | 0 | 0 |  | 276575 | 0 | 86 | 0 | 0 | 12639 | 0 | 0 | 0 | 0 | 0 |
| EAST1B | 0 | 289300 | 0 | 65909 | 0 | 0 | 0 | 0 | 41269 | 182122 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AAST1B | 0 | 289300 | 0 | 0 | 0 |  | 276552 | 0 | 86 | 0 | 0 | 12662 | 0 | 0 | 0 | 0 | 0 |
| EAST1C | 0 | 289300 | 0 | 65909 | 0 | 0 | 0 | 0 | 50809 | 172582 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AAST1C | 0 | 289300 | 0 | 0 | 0 | 0 | 276584 | 0 | 86 | 0 | 0 | 12630 | 0 | 0 | 0 | 0 | 0 |
| EAST2A | 0 | 289300 | 0 | 65909 | 0 | 0 | 0 | 0 | 67180 | 156211 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AAST2A | 0 | 289300 | 0 | 0 | 0 |  | 273707 | 0 | 86 | 0 | 3034 | 12473 | 0 | 0 | 0 | 0 | 0 |
| EAST2B | 0 | 289300 | 0 | 65909 | 0 | 0 | 0 | 0 | 104816 | 118575 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AAST2B | 0 | 289300 | 0 | 0 | 0 |  | O 272887 | 0 | 90 | 0 | 3935 | 12388 | 0 | 0 | 0 | 0 | 0 |
| EAST2C | 0 | 289300 | 0 | 65909 | 0 | 0 | 0 | 0 | 28761 | 194630 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AAST2C | 0 | 289300 | 0 | 0 | 0 | 0 | 274910 | 0 | 90 | 0 | 1706 | 12594 | 0 | 0 | 0 | 0 | 0 |
| EAST2D | 0 | 289300 | 0 | 65909 | 0 | 0 | 0 | 0 | 26174 | 197217 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AAST2D | 0 | 289300 | 0 | 0 | 0 |  | 275204 | 0 | 90 | 0 | 1432 | 12574 | 0 | 0 | 0 | 0 | 0 |
| EAST3A | 0 | 289300 | 0 | 65909 | 0 | 0 | 0 | 0 | 34542 | 188849 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AAST3A | 0 | 289300 | 0 | 0 | 0 |  | O 274531 | 0 | 94 | 0 | 2028 | 12647 | 0 | 0 | 0 | 0 | 0 |
| EAST3B | 0 | 289300 | 0 | 65909 | 0 | 0 | 0 | 0 | 41657 | 181734 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AAST3B | 0 | 289300 | 0 | 0 | 0 |  | 273964 | 0 | 90 | 0 | 2667 | 12579 | 0 | 0 | 0 | 0 | 0 |
| EAST3C | 0 | 289300 | 0 | 65909 | 0 | 0 | 0 | 0 | 5605 | 217786 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AAST3C | 0 | 289300 | 0 | 0 | 0 |  | 276043 | 0 | 94 | 0 | 478 | 12685 | 0 | 0 | 0 | 0 | 0 |
| EAST3D | 0 | 289300 | 0 | 65909 | 0 | 0 | 0 | 0 | 2457 | 220934 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AAST3D | 0 | 289300 | 0 | 0 | 0 |  | 276248 | 0 | 94 | 0 | 288 | 12670 | 0 | 0 | 0 | 0 | 0 |
| EAST3E | 0 | 289300 | 0 | 65909 | 0 | 0 | 0 | 0 | 2245 | 221146 | 0 | 12 | 0 | 0 | 0 | 0 | 0 |
| AAST3E | 0 | 289300 | 0 | 0 | 0 | 0 | 276403 | 0 | 90 | 0 | 178 | 12629 | 0 | 0 | 0 | 0 | 0 |
| EAST4A | 0 | 289300 | 0 | 65909 | 0 | 0 | 0 | 0 | 11180 | 212211 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AAST4A | 0 | 289300 | 0 | 0 | 0 |  | O 275960 | 0 | 90 | 0 | 649 | 12601 | 0 | 0 | 0 | 0 | 0 |


| EAST4B | 0 | 289300 | 0 | 65909 | 0 | 0 | 0 | 0 | 1277 | 222114 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| :--- | ---: | :--- | :--- | ---: | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| AAST4B | 0 | 289300 | 0 | 0 | 0 | 0 | 276561 | 0 | 90 | 0 | 0 | 12649 | 0 | 0 | 0 | 0 | 0 |
| EAST4C | 0 | 289300 | 0 | 65909 | 0 | 0 | 0 | 0 | 3059 | 220332 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AAST4C | 0 | 289300 | 0 | 0 | 0 | 0 | 276563 | 0 | 90 | 0 | 0 | 12647 | 0 | 0 | 0 | 0 | 0 |
| EJNTRNT | 0 | 289300 | 0 | 280474 | 0 | 0 | 0 | 0 | 6590 | 2236 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AJNTRNT | 0 | 289300 | 0 | 0 | 0 | 0 | 288100 | 0 | 38 | 0 | 696 | 466 | 0 | 0 | 0 | 0 | 0 |



EAST4B AAST4B
EAST4C
AAST4C
EJNTRNT EJNTRNT
AJNTRNT

0
0
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0
0

| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |

8-164

| Item S | ScFac | Total | NonNum NegNum | Val-R | Val-D | D Val-0 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| TJARNT | 3 | 289300 | 00 | 0 |  | 0283072 | 5292 | 592 | 136 | 208 | 0 | 0 | 0 | 0 | 0 | 0 |
| AJARNT | 0 | 289300 | 00 | 0 |  | 0287796 | 0 | 298 | 0 | 0 | 1206 | 0 | 0 | 0 | 0 | 0 |
| TJACLR | 4 | 289300 | 0970 | 0 |  | 0284650 | 3680 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AJACLR | 0 | 289300 | 00 | 0 |  | 0287176 | 0 | 382 | 0 | 0 | 1742 | 0 | 0 | 0 | 0 | 0 |
| EOWNRNT | 0 | 289300 | 0278120 | 0 |  | 0 0 | 0 | 2637 | 8543 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AOWNRNT | 0 | 289300 | 00 | 0 |  | 0287655 | 0 | 326 | 0 | 0 | 1319 | 0 | 0 | 0 | 0 | 0 |
| TOARNT | 3 | 289300 | $0 \quad 0$ | 0 |  | 0286827 | 1805 | 412 | 100 | 56 | 28 | 72 | 0 | 0 | 0 | 0 |
| AOARNT | 0 | 289300 | $0 \quad 0$ | 0 |  | 0288505 | 0 | 317 | 0 | 0 | 478 | 0 | 0 | 0 | 0 | 0 |
| TOACLR | 4 | 289300 | 0322 | 0 |  | 0287344 | 1634 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AOACLR | 0 | 289300 | $0 \quad 0$ | 0 |  | 0288298 | 0 | 368 | 0 | 0 | 634 | 0 | 0 | 0 | 0 | 0 |
| EJRNT2 | 0 | 289300 | 0278120 | 0 |  | 0 0 | 0 | 875 | 10305 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AJRNT2 | 0 | 289300 | 00 | 0 |  | 0287639 | 0 | 8 | 0 | 1301 | 352 | 0 | 0 | 0 | 0 | 0 |
| TJACLR2 | 4 | 289300 | $0 \quad 41$ | 0 |  | 0288692 | 567 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AJACLR2 | 0 | 289300 | $0 \quad 0$ | 0 |  | 0289046 | 0 | 122 | 0 | 0 | 132 | 0 | 0 | 0 | 0 | 0 |
| EMRTJNT | 0 | 289300 | 0287463 | 0 |  | 00 | 0 | 1348 | 489 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AMRTJNT | 0 | 289300 | 00 | 0 |  | 0289009 | 0 | 12 | 0 | 215 | 64 | 0 | 0 | 0 | 0 | 0 |
| TMIJNT | 3 | 289300 | 00 | 0 |  | 0288456 | 716 | 128 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AMIJNT | 0 | 289300 | $0 \quad 0$ | 0 |  | 0288636 | 0 | 200 | 0 | 0 | 464 | 0 | 0 | 0 | 0 | 0 |
| EMRTOWN | 0 | 289300 | 0287055 | 0 |  | 0 0 | 0 | 905 | 1340 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AMRTOWN | 0 | 289300 | 00 | 0 |  | 0288213 | 0 | 0 | 0 | 1087 | 0 | 0 | 0 | 0 | 0 | 0 |
| TMIOWN | 3 | 289300 | 00 | 0 |  | 0288795 | 485 | 12 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AMIOWN | 0 | 289300 | 00 | 0 |  | 0288803 | 0 | 213 | 0 | 0 | 284 | 0 | 0 | 0 | 0 | 0 |
| TRNDUP1 | 3 | 289300 | $0 \quad 0$ | 0 |  | 0288564 | 676 | 20 | 16 | 4 | 20 | 0 | 0 | 0 | 0 | 0 |
| ARNDUP1 | 0 | 289300 | $0 \quad 0$ | 0 |  | 0288965 | 0 | 31 | 0 | 0 | 304 | 0 | 0 | 0 | 0 | 0 |
| TRNDUP2 | 5 | 289300 | 024 | 0 |  | 0288576 | 700 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ARNDUP2 | 0 | 289300 | 00 | 0 |  | 0288507 | 0 | 184 | 0 | 0 | 609 | 0 | 0 | 0 | 0 | 0 |
| TOTHPROP | P 5 | 289300 | 01293 | 0 |  | 0280175 | 7832 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ECKJT | 0 | 289300 | 0241489 | 0 |  | 00 | 0 | 41252 | 6559 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ACKJT | 0 | 289300 | 00 | 0 |  | 0285074 | 0 | 177 | 0 | 2470 | 1579 | 0 | 0 | 0 | 0 | 0 |
| TCKJTINT | T 3 | 289300 | 00 | 0 |  | 0255604 | 33696 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ACKJTINT | T 0 | 289300 | 00 | 0 |  | 0272752 | 0 | 6720 | 0 | 4254 | 5574 | 0 | 0 | 0 | 0 | 0 |
| ECKOAST | 0 | 289300 | 0222120 | 0 |  | 00 | 0 | 29202 | 37978 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ACKOAST | 0 | 289300 | 00 | 0 |  | 0257371 | 0 | 12 | 0 | 31469 | 448 | 0 | 0 | 0 | 0 | 0 |
| TCKOINT | 3 | 289300 | 00 | 0 |  | 0267054 | 22246 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ACKOINT | 0 | 289300 | $0 \quad 0$ | 0 |  | 0277088 | 0 | 5281 | 0 | 2671 | 4260 | 0 | 0 | 0 | 0 | 0 |
| ESVJT | 0 | 289300 | 0220886 | 0 |  | 0 0 | 0 | 57542 | 10872 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ASVJT | 0 | 289300 | 00 | 0 |  | 0284119 | 0 | 284 | 0 | 2620 | 2277 | 0 | 0 | 0 | 0 | 0 |
| TSVJTINT | T 3 | 289300 | $0 \quad 0$ | 0 |  | 0243072 | 46228 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ASVJTINT | T 0 | 289300 | $0 \quad 0$ | 0 |  | 0263562 | 0 | 10412 | 0 | 7112 | 8214 | 0 | 0 | 0 | 0 | 0 |
| ESVOAST | 0 | 289300 | 0184484 | 0 |  | 00 | 0 | 52029 | 52787 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ASVOAST | 0 | 289300 | 00 | 0 |  | 0233893 | 0 | 12 | 0 | 54603 | 792 | 0 | 0 | 0 | 0 | 0 |
| TSVOINT | 3 | 289300 | 00 | 0 |  | 0249515 | 39785 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ASVOINT | 0 | 289300 | 00 | 0 |  | 0265746 | 0 | 9429 | 0 | 6342 | 7783 | 0 | 0 | 0 | 0 | 0 |
| EMDJT | 0 | 289300 | 0267380 | 0 |  | 00 | 0 | 17740 | 4180 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AMDJT | 0 | 289300 | 00 | 0 |  | 0286688 | 0 | 100 | 0 | 1596 | 916 | 0 | 0 | 0 | 0 | 0 |
| TMDJTINT | T 3 | 289300 | 00 | 0 |  | 0274748 | 14552 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AMDJTINT | T 0 | 289300 | $0 \quad 0$ | 0 |  | 0280416 | 0 | 3794 | 0 | 1898 | 3192 | 0 | 0 | 0 | 0 | 0 |
| EMDOAST | 0 | 289300 | 0260539 | 0 |  | 0 0 | 0 | 12340 | 16421 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AMDOAST | 0 | 289300 | 00 | 0 |  | 0274983 | 0 | 16 | 0 | 13989 | 312 | 0 | 0 | 0 | 0 | 0 |
| TMDOINT | 3 | 289300 | 00 | 0 |  | 0280518 | 8782 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |


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| AMDOINT | 0 | 289300 | 0 | 0 | 0 | 0 | 282939 | 0 | 2811 | 0 | 1222 | 2328 | 0 | 0 | 0 | 0 | 0 | 0 |
| ECDJT | 0 | 289300 | 0 | 270794 | 0 | 0 | 0 | 0 | 14688 | 3818 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ACDJT | 0 | 289300 | 0 | 0 | 0 | 0 | 286869 | 0 | 81 | 0 | 1499 | 851 | 0 | 0 | 0 | 0 | 0 | 0 |
| TCDJTINT | 3 | 289300 | 0 | 0 | 0 | 0 | 277228 | 12072 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ACDJTINT | 0 | 289300 | 0 | 0 | 0 | 0 | 280728 | 0 | 3506 | 0 | 2032 | 3034 | 0 | 0 | 0 | 0 | 0 | 0 |
| ECDOAST | 0 | 289300 | 0 | 263126 | 0 | 0 | 0 | 0 | 12578 | 13596 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |


| Item Sc | ScFac | Total | NonNum | NegNum | Val-R | Va1-D | D Val-0 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
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| ACDOAST | 0 | 289300 | 0 | 0 | 0 |  | 0275024 | 0 | 12 | 0 | 13928 | 336 | 0 | 0 | 0 | 0 | 0 |
| TCDOINT | 3 | 289300 | 0 | 0 | 0 |  | 0279863 | 9437 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ACDOINT | 0 | 289300 | 0 | 0 | 0 |  | 0281999 | 0 | 2879 | 0 | 1829 | 2593 | 0 | 0 | 0 | 0 | 0 |
| EBDJT | 0 | 289300 | 0 | 285027 | 0 |  | 00 | 0 | 2908 | 1365 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ABDJT | 0 | 289300 | 0 | 0 | 0 |  | 0288573 | 0 | 28 | 0 | 481 | 218 | 0 | 0 | 0 | 0 | 0 |
| TBDJTINT | T 3 | 289300 | 0 | 0 | 0 |  | 0287298 | 1930 | 56 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ABDJTINT | T 0 | 289300 | 0 | 0 | 0 |  | 0287554 | 0 | 852 | 0 | 224 | 670 | 0 | 0 | 0 | 0 | 0 |
| EBDOAST | 0 | 289300 |  | 283695 | 0 |  | 00 | 0 | 2945 | 2660 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ABDOAST | 0 | 289300 | 0 | 0 | 0 |  | 0285858 | 0 | 8 | 0 | 3382 | 52 | 0 | 0 | 0 | 0 | 0 |
| TBDOINT | 3 | 289300 | 0 | 0 | 0 |  | 0287532 | 1568 | 108 | 16 | 32 | 16 | 28 | 0 | 0 | 0 | 0 |
| ABDOINT | 0 | 289300 | 0 | 0 | 0 |  | 0287601 | 0 | 882 | 0 | 173 | 644 | 0 | 0 | 0 | 0 | 0 |
| EGVJT | 0 | 289300 | 0 | 287392 | 0 |  | 00 | 0 | 1280 | 628 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AGVJT | 0 | 289300 | 0 | 0 | 0 |  | 0288884 | 0 | 20 | 0 | 266 | 130 | 0 | 0 | 0 | 0 | 0 |
| TGVJTINT | T 3 | 289300 | 0 | 0 | 0 |  | 0288476 | 808 | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AGVJTINT | T 0 | 289300 | 0 | 0 | 0 |  | 0288452 | 0 | 440 | 0 | 128 | 280 | 0 | 0 | 0 | 0 | 0 |
| EGVOAST | 0 | 289300 | 0 | 286843 | 0 |  | 00 | 0 | 1261 | 1196 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AGVOAST | 0 | 289300 | 0 | 0 | 0 |  | 0287711 | 0 | 0 | 0 | 1561 | 28 | 0 | 0 | 0 | 0 | 0 |
| TGVOINT | 3 | 289300 | 0 | 0 | 0 |  | 0288553 | 655 | 92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AGVOINT | 0 | 289300 | 0 | 0 | 0 |  | 0288564 | 0 | 347 | 0 | 84 | 305 | 0 | 0 | 0 | 0 | 0 |
| TINTINC | 4 | 289300 | 0 | 0 | 0 |  | 0181278 | 108022 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EMANYCHK | K 0 | 289300 | 0 | 254758 | 0 |  | 00 | 0 | 3296 | 31246 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AMANYCHK | K 0 | 289300 | 0 | 0 | 0 |  | 0286534 | 0 | 119 | 0 | 577 | 2070 | 0 | 0 | 0 | 0 | 0 |
| TMJNTDIV | V 3 | 289300 | 0 | 0 | 0 |  | 0287996 | 1288 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AMJNTDIV | $\checkmark$ | 289300 | 0 | 0 | 0 |  | 0288300 | 0 | 768 | 0 | 0 | 232 | 0 | 0 | 0 | 0 | 0 |
| TMOWNDIV | V 3 | 289300 | 0 | 0 | 0 |  | 0288585 | 663 | 52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AMOWNDIV | $\checkmark$ | 289300 | 0 | 0 | 0 |  | 0288879 | 0 | 264 | 0 | 0 | 157 | 0 | 0 | 0 | 0 | 0 |
| EMOTHDIV | $\checkmark$ | 289300 | 0 | 254758 | 0 |  | 00 | 0 | 19536 | 15006 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AMOTHDIV | $\checkmark 0$ | 289300 | 0 | 0 | 0 |  | 0285618 | 0 | 174 | 0 | 663 | 2845 | 0 | 0 | 0 | 0 | 0 |
| TMJADIV | 3 | 289300 | 0 | 0 | 0 |  | 0282122 | 6986 | 192 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AMJADIV | 0 | 289300 | 0 | 0 | 0 |  | 0281532 | 0 | 2124 | 0 | 0 | 5644 | 0 | 0 | 0 | 0 | 0 |
| TMOWNADV | V 3 | 289300 | 0 | 0 | 0 |  | 0286281 | 2875 | 144 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AMOWNADV | $\checkmark 0$ | 289300 | 0 | 0 | 0 |  | 0285908 | 0 | 1101 | 0 | 0 | 2291 | 0 | 0 | 0 | 0 | 0 |
| ESANYCHK | K 0 | 289300 | 0 | 247643 | 0 |  | $0 \quad 0$ | 0 | 8340 | 33317 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ASANYCHK | K 0 | 289300 | 0 | 0 | 0 |  | 0285435 | 0 | 186 | 0 | 879 | 2800 | 0 | 0 | 0 | 0 | 0 |
| TSJNTDIV | V 3 | 289300 | 0 | 0 | 0 |  | 0285694 | 3606 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ASJNTDIV | $\checkmark 0$ | 289300 | 0 | 0 | 0 |  | 0287666 | 0 | 904 | 0 | 0 | 730 | 0 | 0 | 0 | 0 | 0 |
| TSOWNDIV | V 3 | 289300 | 0 | 0 | 0 |  | 0286668 | 2512 | 120 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ASOWNDIV | $\checkmark 0$ | 289300 | 0 | 0 | 0 |  | 0288482 | 0 | 429 | 0 | 0 | 389 | 0 | 0 | 0 | 0 | 0 |
| ESOTHDIV | $\checkmark 0$ | 289300 |  | 247643 | 0 |  | $0 \quad 0$ | 0 | 18723 | 22934 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ASOTHDIV | $\checkmark 0$ | 289300 | 0 | 0 | 0 |  | 0284803 | 0 | 236 | 0 | 957 | 3304 | 0 | 0 | 0 | 0 | 0 |
| TSJADIV | 3 | 289300 | 0 | 0 | 0 |  | 0282824 | 6476 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ASJADIV | 0 | 289300 | 0 | 0 | 0 |  | 0282032 | 0 | 3076 | 0 | 0 | 4192 | 0 | 0 | 0 | 0 | 0 |
| TSOWNADV | $\checkmark 3$ | 289300 | 0 | 0 | 0 |  | 0285932 | 3229 | 139 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ASOWNADV | $\checkmark 0$ | 289300 | 0 | 0 | 0 |  | 0285886 | 0 | 1296 | 0 | 0 | 2118 | 0 | 0 | 0 | 0 | 0 |
| TDIVINC | 3 | 289300 | 0 | 0 | 0 |  | 0267678 | 20907 | 639 | 48 | 20 | 4 | 4 | 0 | 0 | 0 | 0 |
| ECRMTH | 0 | 289300 | 0 | 65909 | 0 |  | 00 | 0 | 37391 | 186000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ACRMTH | 0 | 289300 | 0 | 0 | 0 |  | 0101795 | 0 | 0 | 0 | 187499 | 6 | 0 | 0 | 0 | 0 | 0 |
| RMEDCODE | E 0 | 289300 |  | 252226 | 0 |  | 00 | 0 | 14981 | 1388 | 1992 | 192 | 72 | 0 | 2168 | 0 | 16281 |
| ECDMTH | 0 | 289300 | 0 | 0 | 0 |  | 00 | 0 | 34671 | 254629 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ACDMTH | 0 | 289300 | 0 | 0 | 0 |  | 0286617 | 0 | 36 | 0 | 1627 | 1020 | 0 | 0 | 0 | 0 | 0 |


| EMCOCOV | 0 | 289300 | 0 | 270179 | 0 | 0 | 0 | 0 | 15765 | 2801 | 555 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
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| AMCOCOV | 0 | 289300 | 0 | 0 | 0 | 0 | 271348 | 0 | 459 | 0 | 17369 | 124 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ECDUNT1 | 1 | 289300 | 0 | 254629 | 0 | 0 | 0 | 18341 | 13765 | 2028 | 424 | 107 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EHIMTH | 0 | 289300 | 0 | 217 | 0 | 0 | 0 | 0 | 209446 | 79637 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AHIMTH | 0 | 289300 | 0 | 0 | 0 | 0 | 276826 | 0 | 586 | 106 | 3006 | 8776 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |


| Item Sc |  | Tota 1 | NonNum | NegNum | Val-R | Val-D | D Val-0 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
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| AHIOWNER | 0 | 289300 | 0 | 0 | 0 |  | 0205271 | 0 | 320 | 105 | 78038 | 5566 | 0 | 0 | 0 | 0 | 0 |
| ENONHH | 0 | 289300 | 0 | 0 | 0 |  | 00 | 0 | 10293 | 279007 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RCHAMPM | 0 | 289300 | 0 | 280682 | 0 |  | $0 \quad 0$ | 0 | 8571 | 47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EHIUNT1 | 1 | 289300 | 0 | 79854 | 0 |  | $0 \quad 0$ | 179212 | 26861 | 2838 | 359 | 109 | 49 | 18 | 0 | 0 | 0 |
| EHIUNT2 | 1 | 289300 | 0 | 251364 | 0 |  | $0 \quad 0$ | 25775 | 11114 | 907 | 110 | 14 | 16 | 0 | 0 | 0 | 0 |
| EHIUNT3 | 1 | 289300 | 0 | 288464 | 0 |  | $0 \quad 0$ | 149 | 608 | 59 | 8 | 4 | 0 | 5 | 3 | 0 | 0 |
| EHEMPLY | 0 | 289300 | 0 | 77823 | 0 |  | $0 \quad 0$ | 0 | 154133 | 18924 | 2853 | 2311 | 200 | 1832 | 23673 | 7551 | 0 |
| AHEMPLY | 0 | 289300 | 0 | 0 | 0 |  | 0276381 | 0 | 3516 | 0 | 0 | 9403 | 0 | 0 | 0 | 0 | 0 |
| EHICOST | 0 | 289300 | 0 | 193786 | 0 |  | 0 0 | 0 | 30401 | 60376 | 4737 | 0 | 0 | 0 | 0 | 0 | 0 |
| AHICOST | 0 | 289300 | 0 | 0 | 0 |  | 0276617 | 0 | 7193 | 0 | 0 | 5490 | 0 | 0 | 0 | 0 | 0 |
| EHIOTHER | 0 | 289300 | 0 | 177124 | 0 |  | 0 0 | 0 | 4457 | 107719 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AHIOTHER | 0 | 289300 | 0 | 0 | 0 |  | 0281319 | 0 | 3574 | 0 | 0 | 4407 | 0 | 0 | 0 | 0 | 0 |
| EHISPSE | 0 | 289300 | 0 | 284843 | 0 |  | $0 \quad 0$ | 0 | 764 | 3693 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AHISPSE | 0 | 289300 | 0 | 0 | 0 |  | 0289054 | 0 | 174 | 0 | 0 | 72 | 0 | 0 | 0 | 0 | 0 |
| EHIOLDKD | 0 | 289300 | 0 | 284843 | 0 |  | 0 0 | 0 | 1741 | 2716 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AHIOLDKD | 0 | 289300 | 0 | 0 | 0 |  | 0289054 | 0 | 174 | 0 | 0 | 72 | 0 | 0 | 0 | 0 | 0 |
| EHIYNGKD | 0 | 289300 | 0 | 284843 | 0 |  | 0 0 | 0 | 2385 | 2072 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AHIYNGKD | 0 | 289300 | 0 | 0 | 0 |  | 0289054 | 0 | 174 | 0 | 0 | 72 | 0 | 0 | 0 | 0 | 0 |
| EHIOTHR | 0 | 289300 | 0 | 284843 | 0 |  | 00 | 0 | 234 | 4223 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AHIOTHR | 0 | 289300 | 0 | 0 | 0 |  | 0289216 | 0 | 12 | 0 | 0 | 72 | 0 | 0 | 0 | 0 | 0 |
| EHIRSN01 | 0 | 289300 | 0 | 254678 | 0 |  | 00 | 0 | 28574 | 6048 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EHIRSN02 | 0 | 289300 | 0 | 254678 | 0 |  | 0 0 | 0 | 10208 | 24414 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EHIRSN03 | 0 | 289300 | 0 | 254678 | 0 |  | $0 \quad 0$ | 0 | 3592 | 31030 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EHIRSN04 | 0 | 289300 | 0 | 254678 | 0 |  | $0 \quad 0$ | 0 | 1521 | 33101 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EHIRSN05 | 0 | 289300 | 0 | 254678 | 0 |  | $0 \quad 0$ | 0 | 1153 | 33469 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EHIRSN06 | 0 | 289300 | 0 | 254678 | 0 |  | $0 \quad 0$ | 0 | 530 | 34092 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EHIRSN07 | 0 | 289300 | 0 | 254678 | 0 |  | $0 \quad 0$ | 0 | 227 | 34395 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EHIRSN08 | 0 | 289300 | 0 | 254678 | 0 |  | $0 \quad 0$ | 0 | 1769 | 32853 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EHIRSN09 | 0 | 289300 | 0 | 254678 | 0 |  | $0 \quad 0$ | 0 | 271 | 34351 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EHIRSN10 | 0 | 289300 | 0 | 254678 | 0 |  | $0 \quad 0$ | 0 | 89 | 34533 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EHIRSN11 | 0 | 289300 | 0 | 254678 | 0 |  | $0 \quad 0$ | 0 | 801 | 33821 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EHIRSN12 | 0 | 289300 | 0 | 254678 | 0 |  | $0 \quad 0$ | 0 | 1677 | 32945 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| AHIRSN | 0 | 289300 | 0 | 0 | 0 |  | 0284978 | 0 | 4322 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RPRVHI | 0 | 289300 | 0 | 77838 | 0 |  | 00 | 0 | 176061 | 23662 | 4405 | 7334 | 0 | 0 | 0 | 0 | 0 |
| RPRVHI2 | 0 | 289300 | 0 | 250530 | 0 |  | $0 \quad 0$ | 0 | 30176 | 6960 | 432 | 1202 | 0 | 0 | 0 | 0 | 0 |
| LGTKEY | 6 | 289300 | 0 | 0 | 0 |  | 0 0 | 5106 | 5871 | 5921 | 5636 | 5510 | 5477 | 5429 | 5322 | 6414 | 5729 |
| LGTMON | 0 | 289300 | 0 | 0 | 0 |  | $0 \quad 0$ | 0 | 0 | 0 | 0 | 0 | 72014 | 72159 | 72420 | 72707 | 0 |
| FILLER | 0 | 289300 | 0 | 0 | 0 |  | 0289300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |




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## APPENDIX A1

## 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

## APPENDIX A2

## 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

## APPENDIX A3

## MSA Codes

0000 Not in MSA/CMSA/PMSA or not identifiable 0007 Boston-Worcester-Lawrence, MA-NH<br>0014 Chicago-Gary-Kenosha (excl.PMSA 3740), IL<br>0021 Cincinnati-Hamilton, OH<br>0028 Cleveland-Akron, OH<br>0031 Dallas-Fort Worth, TX<br>0034 Denver-Boulder-Greeley, CO<br>0035 Detroit-Ann Arbor-Flint, MI<br>0042 Houston-Galveston-Brazoria, TX<br>0049 Los Angeles-Riverside-Orange County, CA<br>0056 Miami-Fort Laudersale, FL<br>0063 Milwuakee-Racine, WI<br>0070 NY-NJ-LI, NJ<br>0077 Philadelphia-Wilmington-Atlantic City, NJ<br>0079 Portland-Vancouver, OR<br>0082 Sacramento-Yolo, CA<br>0084 San Francisco-Oakland-San Jose, CA<br>0091 Seattle-Tacoma-Bremerton, WA<br>0097 Washington-Baltimore, DC<br>0160 Albany-Schenectady-Troy, NY<br>0200 Albequerque, NM<br>0240 Allentown-Bethlehem-Easton, PA<br>0520 Atlanta, GA<br>0640 Austin-San Marcos, TX<br>0680 Bakersfield, CA<br>0760 Baton Rouge, LA<br>0840 Beaumont-Port Arthur, TX<br>1000 Birmingham, AL<br>1280 Buffalo-Niagara Falls, NY<br>1440 Charleston-North Charleston, SC<br>1480 Charleston, WV<br>1520 Charlotte-Gastonia-Rock Hill, NC<br>1720 Colorado Springs, CO<br>1840 Columbus, OH<br>1880 Corpus Christi, TX<br>2000 Dayton-Springfield, OH<br>2020 Daytona Beach, FL<br>2120 Des Moines, IA<br>2320 El Paso, TX<br>2400 Eugene-Springfield, OR<br>2560 Fayetville, NC<br>2700 Fort Myers-Cape Coral, FL

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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
3 4 8 0 \text { Indianapolis, IN}
3600 Jacksonville, FL
3 6 6 0 \text { Johnson City-Kingsport-Bristol, TN}
3 7 6 0 \text { Kansas City, KS}
3 8 1 0 ~ K i l l e e n - T e m p l e , ~ T X ~
3 8 4 0 ~ K n o x v i l l e , ~ T N ~
3980 Lakeland-Winter Haven, FL
4 0 0 0 \text { Lancaster, PA}
4040 Lansing-East Lansing, MI
4120 Las Vegas, NV
4 2 8 0 \text { Lexington, KY}
4 5 2 0 \text { 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
5 1 7 0 ~ M o d e s t o , ~ C A ~
5240 Montgomery, AL
5 3 6 0 \text { Nashville, TN}
5 5 6 0 ~ N e w ~ O r l e a n s , ~ L A ~
5 7 2 0 ~ N o r f o l k - V i r g i n i a ~ B e a c h - N e w p o r t ~ N e w s , ~ V A ~
5 8 8 0 \text { Oklahoma City, OK}
5 9 6 0 \text { Orlando, FL}
6 0 8 0 \text { Pensacola, FL}
6 2 0 0 \text { Phoenix-Mesa, AZ}
6 2 8 0 \text { Pittsburgh, PA}
6 5 2 0 \text { Provo-Orem, UT}
6 6 4 0 \text { Raleigh-Durham-Chapel Hill, NC}
6 6 8 0 \text { Reading, PA}
6 7 6 0 \text { Richmond-Petersburg, VA}
6 8 4 0 \text { Rochester, NY}
6 8 8 0 \text { Rockford, IL}
7 0 4 0 \text { St. Louis, IL}
7 1 6 0 \text { Salt Lake City-Ogden, UT}
7 2 4 0 \text { San Antonio, TX}
7 3 2 0 \text { San Diego, CA}
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## SIPP FILES

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

## APPENDIX A4

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

## APPENDIX A5

## 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)

## SIPP FILES

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)

## SIPP FILES

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)

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

## APPENDIX A6

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)

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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 $(211,212)$
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)

## SIPP FILES

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)

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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 Graders and sorters, 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)

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)

## SIPP FILES

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 $(782,787)$

## 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 A7

## 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)

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)

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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)

## SIPP FILES

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)

## SIPP FILES

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)

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)

## SIPP FILES

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 $(782,787)$

## 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 B

## 2001 SIPP WAVE 2 CORE QUESTIONNAIRE <br> Table of Contents

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-START-

CENSUS CATI/CAPI SYSTEM Date: 05-08-01
Ver: 1
SIPP
THE SURVEY OF INCOME AND PROGRAM PARTICIPATION
2001 Panel, Wave 2
PSU: $\qquad$
SEGMENT: $\qquad$
SERIAL: $\qquad$
DATE IS: $\qquad$
CASE STATUS IS: $\qquad$
TIME IS: $\qquad$
INTERVIEW MODE: $\qquad$
(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: ( $\qquad$ ) Phone Number: $\qquad$ $-$ Ext: $\qquad$ Secondary number: Area Code: ( $\qquad$ ) Phone Number: $\qquad$ - $\qquad$ Ext: $\qquad$
(1) Someone answers - BEGIN INTERVIEW
(2) Someone answers - SET APPOINTMENT
(3) No contact - answer machine/busy/no answer
(4) New telephone number or telephone disconnected
(5) Not attempted now

Enter Address or (S) fro SAME, if no change needed If HH has no telephone, enter N for 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 [fill I_REF_LNAME] household?
CURRENT TELEPHONE NUMBER:

Area Code: $\qquad$ Telephone: $\qquad$ Extension: $\qquad$
-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."
o 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. o 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

## ENTER NONINTERVIEW CODE

TYPE A
(1) No one home
(2) Temporarily absent
(3) Refused
(4) Language problem
(5) Other Type A

TYPE B
(20) ENTIRE HH institutionalized

TYPE C
(29) ENTIRE HH deceased
(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.
Was the noninterview status determined by observation only or did someone provide you with information about the housing unit?
(1) By observation only
(2) Information provided by someone else

## -BCINFO2-

FR INSTRUCTION: Enter " r " for specific items below if they are refused.

Date the household left sample: Month: $\qquad$ Day: $\qquad$
Name of person providing noninterview status: $\qquad$
Title of contact person (relative, neighbor, etc.): $\qquad$
Contact person's address:

Street name: $\qquad$
Street name: $\qquad$

City: $\qquad$ State: __ Zip Code: $\qquad$

Telephone Number: Area: $\qquad$ Number: $\qquad$ Extension: $\qquad$
-SPCIFY-

Specify the kind of "Other" Noninterview
$\qquad$
-TYPC_OTH-

Specify the kind of "Other" Noninterview
$\qquad$
-NI_RACE-

Enter the Race of the reference person
(1) White
(2) Black
(3) American Indian, Aleut or Eskimo
(4) Asian or Pacific Islander
(5) Other
(D) Don't Know
-NI_SEX-

Enter the Sex of the reference person
(1) Male
(2) Female
-NI_SIZE-

ASK OR VERIFY WITH SOME KNOWLEDGEABLE INDIVIDUAL

Enter the total number of people in the household. Count all children and adults.
$\qquad$
-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
-TYPEADIS-
** NOTE TO FR **

PLEASE DISCUSS THIS CASE WITH YOUR SUPERVISOR BEFORE DESIGNATING IT AS A TYPE A OR TYPE D 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?

HOUSE NUMBER: $\qquad$ HOUSE NO SUFFIX: $\qquad$
STREET NAME:
UNIT DESIG/PHYS DESCR: $\qquad$
COUNTY: $\qquad$ STATE: $\qquad$ ZIP CODE: $\qquad$
TELPHONE NUMBER: $\qquad$
AREA CODE: $\qquad$
TELEPHONE: $\qquad$
EXTENSION: $\qquad$

## -ALFTDATE-

DATE OF LAST INTERVIEW: [Date of Last Interview]
When did these persons leave?
ENTER NUMERIC VALUES FOR MONTH AND DAY

MONTH: $\qquad$
DAY: $\qquad$
-AVERDATE-

I would like to verify that these persons left before [Reference Month 1] 1st.
Is that correct?
(1) Yes
(2) No

## -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 the Instrument Front Section

## Section B. Coverage

-VERADD-

I have your address listed as:

ADDRESS: [Address reported from previous wave]

Is that your exact address?
(1) Yes, address is EXACTLY CORRECT as listed
(2) Address is MOSTLY CORRECT, but needs some minor additions/changes
(3) INCORRECT ADDRESS - terminate interview, find correct address
-ADDWARN-

## FR INSTRUCTION:

If the entire household has moved to a new address, DO NOT use the address change screen. Entire-household mover cases should be spawned from the TYPEABC screen. Enter (S) at the prompt to spawn a mover case (or cases).

Use the address change screen ONLY to make minor changes to the household's basic address. Enter $(\mathrm{P})$ at the prompt to proceed to the address change screen.

If there are no changes to the household's address, enter $(\mathrm{N})$ at the prompt to proceed to the next question.
(N) No changes needed
(S) Spawn mover case(s) from TYPEABC screen
(P) Proceed to the address change screen

## -CHNGADD-

Enter address or (S) for SAME, if no change needed
ENTER (X) TO BLANK-OUT THE CURRENT INFORMATION

HOUSE NUMBER: $\qquad$ HOUSE NO SUFFIX: $\qquad$
STREET NAME: $\qquad$
UNIT DESIG:
DESCRIPTION: $\qquad$
COUNTY:
CITY: __ STATE: __ ZIP CODE: $\qquad$
-VCOUNTY-

ASK OR VERIFY:

In what county is this address located?
Current listing: $\qquad$
(S) for SAME
-MAILADDR-

Is this also your mailing address?

ADDRESS: [Address reported from previous wave]
(1) Yes
(2) No

## -CHNGMAIL-

Enter corrected mailing address or (S) for SAME if correct

CURRENT:
HOUSE NUMBER:___ HOUSE NO SUFFIX: $\qquad$
STREET NAME: $\qquad$
UNIT DESIGNATION: $\qquad$
CITY: $\qquad$
STATE:___ZIP CODE: $\qquad$
COUNTY: $\qquad$
-ACCESS-
** DO NOT READ TO RESPONDENT **

IS ACCESS TO THIS UNIT
(1) Direct
(2) Through another unit
-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

## -UNITS-

## 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: [Address reported from previous wave]
(1) Yes
(2) No
-CHVMAIL-

Enter corrected mailing address or (S) for SAME if correct

CURRENT:
HOUSE NUMBER: HOUSE NO SUFFIX: STREET NAME: $\qquad$
UNIT DESIGNATION: $\qquad$
CITY:
STATE: __ ZIP CODE: $\qquad$
COUNTY: $\qquad$
-TENURE-

Are your living quarters --
(1) Owned or being bought by you or someone in your household
(2) Rented for cash
(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

(1) Owned or being bought by you or someone in your household
(2) Rented for cash
(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

## -WRSECT8-

Is this through Section 8 or through some other government program?
(1) Section 8
(2) Some other government program

[^4]
## Section C. Demographic

-STLLIV-

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

## -NOTLIV-

Which of these persons do not live here now?
ENTER LINE NUMBER OF PERSON WHO LEFT HOUSEHOLD

## -LFTDATE-

DATE OF LAST INTERVIEW:

When did [fill FRNAME] [ LRNAME] leave?
ENTER NUMERIC VALUES FOR MONTH AND DAY
IF "PREVIOUSLY LISTED IN ERROR", ENTER (0)
MONTH: $\qquad$
DAY: $\qquad$
-VERDATE-
I would like to verify that [fill FRNAME] [ LRNAME] left before [Reference Month 1] 1st. Is that correct?
(1) Yes
(2) No

## -RSNLFT-

Why did [fill FRNAME] [ LRNAME] 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 [fill FRNAME] [ LRNAME] 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
-NEWADDYN-
FR: Do you know the new address for .... READ NAMES?
(1) Yes
(2) No
-NEWADD-

What is the new address?

HOUSE NUMBER: $\qquad$ HOUSE NO SUFFIX: $\qquad$
STREET NAME: $\qquad$
UNIT DESIG/PHYS DESCR: $\qquad$
COUNTY: $\qquad$ CITY: $\qquad$ STATE: $\qquad$ ZIP CODE: $\qquad$

TELEPHONE NUMBER: $\qquad$
AREA CODE: $\qquad$
TELEPHONE: $\qquad$
EXTENSION: $\qquad$
-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 [fill FRNAME] [ LRNAME] begin living here?
ENTER NUMERIC VALUES FOR MONTH AND DAY.
ENTER (B) IF PERSON LIVED AT THIS ADDRESS BEFORE SAMPLE PERSON(S) ENTERED.
MONTH $\qquad$
DAY $\qquad$
-FMRDAT-

I would like to verify that [fill FRNAME] [ LRNAME] joined this household before [Reference Month 1] 1st. Is that correct?
(1) Yes
(2) No

Why did [fill FRNAME] [ LRNAME] 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

## -FMRMAIN-

What was the main reason [fill FRNAME] [ LRNAME] entered the household?

## -MOREFMR-

Did anyone else on this list rejoin this household?
(1) Yes
(2) No
-ADDFMR-

Enter the line number or ( N ) for NO MORE

## -MORJOIN-

Is there anyone else living or staying here now, who I have not listed?
(1) Yes
(2) No
-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 $\qquad$
MAIDEN NAME $\qquad$
Has he/she ever gone by any other last name?
PRESS ENTER IF NO OTHER LAST NAME

OTHER NAME $\qquad$

## -NEWRES-

Does [fill FRNAME] [ LRNAME] usually live here?
(1) Yes
(2) No
-NEWURE-

Does [fill FRNAME] [ LRNAME] have some other residence where he/she usually lives?
(1) Yes
(2) No
-NOLIST-

Since [fill FRNAME] [ LRNAME] does not usually live here and has another residence he/she will not be included in this survey.

PRESS (P) TO PROCEED

## -ENTDATE-

When did [fill FRNAME] [ LRNAME] begin living here?

ENTER NUMERIC VALUES FOR MONTH AND DAY.
ENTER (B) IF PERSON LIVED AT THIS ADDRESS BEFORE SAMPLE PERSON(S) ENTERED.

MONTH $\qquad$
DAY

## -VERDAT-

I would like to verify that [fill FRNAME] [ LRNAME] joined this household before [Reference Month 1] 1st. Is that correct?
(1) Yes
(2) No
-RSNENT-

Why did [fill FRNAME] [ LRNAME] 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
-ENTMAIN-

What was the main reason [fill FRNAME] [ LRNAME] entered the household?
$\qquad$
-NEWSEX-

ASK IF NOT APPARENT:

Is [fill FRNAME] [ LRNAME] 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 [...] was the person or one of the persons who owned or rented the home. [...] no longer lives 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 [...] was the person or one of the persons who owned or rented the home. [...] no longer lives 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 [...] owned or rented the home.
Now that your address has changed, I need to know if [...] is 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-

## SHOW FLASHCARD A

Which one of the responses listed best describes [fill FRNAME] [ LRNAME]'s 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
[List of Household Members with wrong SEX entries]
(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 [fill FRNAME] [ LRNAME] is [Reference Person's] spouse.
Is that correct?
(1) Yes
(2) No

## -SPOUSE3-

DO NOT READ TO RESPONDENT UNLESS NECESSARY
Earlier I recorded [...] was [Reference Person's] spouse.
You have just reported [fill FRNAME] [fill LRNAME] is also [Reference Person's] spouse.
Which is correct?
(1) [First Spouse listed is correct] is the correct spouse. Change relationship entry of [fill FRNAME] [fill LRNAME]
(2) [fill FRNAME] [fill LRNAME] is the correct spouse. Change relationship entry of [First Spouse listed]
-SPOUSE4-

Please turn to flashcard A.
What is [...'s] 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 [...] and [fill FRNAME] [fill LRNAME] are parents of [...] Is that correct?
(1) No, change relationship to reference person code for [fill FRNAME] [fill LRNAME]
(2) No, change relationship to reference person code for [...]
(3) Yes, this is correct. (One is natural father, one is step-father, for example)

## -DAD2-

Please look at flashcard A.
What is [...'s] relationship to [...]?
(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 [...] and [fill FRNAME] [fill LRNAME] are parents of [...]
Is that correct?
(1) No, change relationship to reference person code for [fill FRNAME] [fill LRNAME]
(2) No, change relationship to reference person code for [...]
(3) Yes, this is correct. (One is natural mother, one is step-mother, for example)
-MOM2-

Please look at flashcard A.
What is [...] relationship to [...]?
(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 [fill FRNAME] [fill LRNAME] is [...]'s father. Is [...] his biological, step or adopted child?
(1) Biological or natural
(2) Stepchild
(3) Adopted child
-RPDAD2-
Is [...] also his adopted child?
(1) Yes
(2) No
-RPMOM-
I've recorded that [fill FRNAME] [fill LRNAME] is [...]'s mother. Is [...] her biological, step or adopted child?
(1) Biological or natural
(2) Stepchild
(3) Adopted child

## -RPMOM2-

Is [...] 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
-NUBDAY-

What is your date of birth?
(1) January
(5) May
(9) September
(2) February
(6) June
(10) October
(3) March
(7) July
(11) November
(4) April
(8) August
(12) December

BIRTH MONTH
PREVIOUS ANSWER: $\qquad$

DAY OF MONTH $\qquad$
$\qquad$

BIRTH YEAR
PREVIOUS ANSWER: $\qquad$

## -DOB-

What is your date of birth?
(1) January
(5) May
(9) September
(2) February
(6) June
(10) October
(3) March
(7) July
(11) November
(4) April
(8) August
(12) December

ENTER MONTH: $\qquad$
ENTER DAY: $\qquad$

ENTER 4 DIGIT YEAR:

## -DOBA-

Would you say you are:
(1) [fill AGE1] years of age?
(2) [fill AGE2] years of age?
(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 [RESPONDENT'S] 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?
(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

## (DO NOT READ TO RESPONDENT UNLESS NECESSARY)

Is one of the following SEX entries incorrect?

LINE NAME
SEX
[List of Household Members with wrong SEX entries]
(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
-SPSSX2-

You said [...] 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

## -AFEVER-

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 Level reported at 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) $1 \mathrm{st}, 2 \mathrm{nd}, 3 \mathrm{rd}$ or 4 th grade
(33) 5 th or 6 th 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)

## -EDUCB-

Have you completed high school by means of a GED or other equivalency test or program?
(1) Yes
(2) No

## -LNMOM-

Is [...]'s mother a member of this household?
IF NO, ENTER (N)
IF YES, ENTER THE MOTHERS LINE NUMBER
-TYPMOM-
[...] is the parent.

Is [...] her biological, step or adopted child?
(1) Biological or natural
(2) Stepchild
(3) Adopted child
-TYPMOM2-

Is [...] also[...]'s adopted child?
(1) Yes
(2) No
-LNDAD-

Is [...]'s father a member of this household?

IF NO, ENTER (N)
IF YES, ENTER THE FATHERS LINE NUMBER
-TYPDAD-
[...] is the parent.

Is [...] his biological, step, or adopted child?
(1) Biological or natural
(2) Stepchild
(3) Adopted child
-TYPDAD2-

Is [...] also [...]'s adopted child?
(1) Yes
(2) No
-STEPDAD-

Is [...] also his stepchild?
(1) Yes
(2) No
-STEPMOM-

Is [...] also her stepchild?
(1) Yes
(2) No
-OLDGRD-

I have listed that [...] is [...]'s guardian.
Is that correct?
(1) Yes
(2) No

## -LNGD-

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

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: [...]
(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-

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 $\qquad$
MIDDLE NAME $\qquad$
LAST NAME $\qquad$
MAIDEN NAME $\qquad$
Has he/she ever gone by any other last name?
PRESS ENTER IF NO "OTHER" NAME
OTHER NAME $\qquad$

## 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) $1 \mathrm{st}, 2 \mathrm{nd}, 3 \mathrm{rd}$ or 4 th 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)
-FIX_ED_B-

Have you completed high school by means of a GED or other equivalency test or program?
(1) Yes
(2) No

## 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.
$\qquad$

## -FIXORIG-

## SHOW FLASHCARD D

Which of the categories on this card best describes your origin or descent?
(1) Canadian
(13) Scotch-Irish (27) Dominican Republic
(2) Dutch
(14) Scottish
(28) Other Hispanic
(3) English
(15) Slovak
(30) African-American or Afro-American
(4) French
(16) Welsh
(31) American Indian, Eskimo or Aleut
(5) French-Canadian (17) Other European (32) Arab
(6) German
(20) Mexican
(33) Asian
(7) Hungarian (21) Mexican-American
(8) Irish
(22) Chicano
(34) Pacific Islander
(9) Italian
(23) Puerto Rican (35) West Indian
(10) Polish
(24) Cuban (39) Another group not listed
(11) Russian
(25) Central American
(12) Scandinavian
(26) South American (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: [fill TEMP2]
(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: $\qquad$
IF THIS INFORMATION IS CORRECT, PRESS ENTER TO CLOSE OUT THE CASE.

[^5]
## -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
-MISSINW1-

## ASK OR VERIFY

Were you living in this household when we conducted an interview in [Reference Month]?
(1) Yes
(2) No

## -Q13A-

On [Previous 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: $\qquad$
Day: $\qquad$
-W2ENDJMTH-

What is your best estimate of the month when you ended employment with [Employer Name]?
If the respondent left the job before [Reference Month 1] of the reference period, enter a (B).
MONTH $\qquad$
-W2ENDJDY-

What is your best estimate of the day of the month when you ended employment with [Employer Name]?

DAY $\qquad$

## -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
(1) Regular
(2) Supplemental
(3) Other, including union benefits

## -OLDBUS-

Last time we recorded that you had the business [Name of Business]. Do you still have that business?
(1) Yes
(2) No
(N) Never had that business

## -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: $\qquad$
Day: $\qquad$
-W2ENDBMTH-

What is your best estimate of the last month when you were self-employed in this business, professional practice, or farm?

If the respondent left business job before [Reference Month 1] of the reference period, enter a (B).
MONTH $\qquad$

## -W2ENDBDY-

What is your best estimate of the last day when you were self-employed in this business, professional practice, or farm?

DAY $\qquad$
-W2RENDB-
(BUSINESS $=$ [Name of Business $]$ )
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
-W2OENDB-
ENTER THE SPECIFIC "OTHER" REASON ENDED BUSINESS
$\qquad$
-W2WCYN2-
Since [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?

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-

Since [Reference Month 1] 1st, 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, 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-

Are you given any indication that you would be recalled to work within 6 months of being laid off?
(1) Yes
(2) No

## -LKWRK-

Did you spend any time looking for work since [Reference Month 1] 1st?
(1) Yes
(2) No

## -WKSLKG-

Please look at the calendar. 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?
(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

## -EMPNUM2-

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 [\# of] 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?
$\qquad$
-STRTJB-
Did you begin your employment with [Employer Name] since [Reference Month 1] 1st?
(1) Yes
(2) No

## -STRTREFP-

Please look at the calendar and tell me the month and day you began.
MONTH: $\qquad$
DAY: $\qquad$

## -STRTBEFR-

Please tell me the year you began.

YEAR: $\qquad$

## -STRTMONJB-

And in what month was that?

MONTH: $\qquad$
-STRTJYR-

What is your BEST estimate of the year you began?
YEAR $\qquad$

## -STRTJMTH-

What is your BEST estimate of the month you began?
MONTH $\qquad$
-STRTJDY-

What is your BEST estimate of the day of the month when you began?
DAY $\qquad$
-BEFORE-

Was it before [Reference Month 1] 1st?
(1) Yes
(2) No

## -STLEMP-

Are you employed by [Employer Name] now?
(1) Yes
(2) No
-ENDJB-

When did your employment with [Employer Name] end?
MONTH $\qquad$
DAY $\qquad$
-ENDJMTH-

What is your best estimate of the month when you ended employment with [Employer Name]?
MONTH $\qquad$
-ENDJDY-
What is your best estimate of the day of the month when you ended employment with [Employer Name]?

DAY $\qquad$
-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-

Since [Reference Month 1] 1st, 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-

Since [Reference Month 1] 1st, 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?
$\qquad$
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?
$\qquad$
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 the business?
-REALBIZ-

Did you take an active part in this business or did you own it as an investment only?
(1) Active participant
(2) Both participant and investment
(3) Investment only

## -STRTBUS-

Did you start [Business Name] at some time between [Reference Month 1] 1st and today?
(1) Yes
(2) No
-STRTBSRP-

Please look at the calendar and tell me the month and day you started this business.

MONTH: $\qquad$
DAY: $\qquad$
-STRTBSBF-

Please tell me the year you started this business.

YEAR: $\qquad$
-STRTMONBS-

And in what month was that?

MONTH: $\qquad$
-STRTBYR-
(BUSINESS $=$ [Business Name $]$ )
What is your BEST estimate of the year when you started this business?
YEAR $\qquad$
-STRTBMTH-
$($ BUSINESS $=[$ Business Name $])$
What is your BEST estimate of the month when you started this business?
MONTH $\qquad$
-STRTBDY-
(BUSINESS $=[$ Business Name $])$
What is your BEST estimate of the day of the month when you started this business?
DAY $\qquad$

## -BEFORE2-

Was it before [Reference Month 1] 1st?
(1) Yes
(2) No

## -BIZNOW-

Do you still own this business?
(1) Yes
(2) No
-ENDBS-

When was the last day that you had this business?
MONTH $\qquad$
DAY $\qquad$
-ENDBMTH-

What is your best estimate of the last month when you were self-employed in this business (professional practice/farm)?

MONTH $\qquad$
-ENDBDY-

What is your best estimate of the last day when you were self-employed in this business (professional practice/farm)?

DAY $\qquad$

## -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-

Since [Reference Month 1] 1st, 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 [\# of] employers did you work the most hours between [Reference Month 1] 1st and today?

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

Is [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-

Are 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?
$\qquad$
-KNDIN-
$($ EMPLOYER $=$ [Employer Name $])$
What kind of industry is 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 fo, 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?
-PAYHR-
$($ EMPLOYER $=[$ Employer Name $])$
Are you paid by the hour?
(1) Yes
(2) No
-PYRAT-
$($ EMPLOYER $=[$ Employer Name $])$
What was your regular hourly pay rate?
\$ $\qquad$

## -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
-
$($ EMPLOYER $=$ [Employer Name $])$

On what date were you last paid?
(N) Not yet paid

MONTH
DAY $\qquad$
-UNION-
$($ EMPLOYER $=$ [Employer Name $])$
Are you a member of a labor union or employee association like a union?
(1) Yes
(2) No
-CNTRC-
(EMPLOYER $=[$ Employer Name $])$
Are 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 together?

## (READ CATEGORIES IF NECESSARY)

(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 is this?
READ IF NECESSARY: What does the business do or make?
-TYPBS-
(BUSINESS $=[$ Business Name $])$
ASK OR VERIFY
Is it mainly --
(1) Manufacturing
(2) Wholesale Trade
(3) Retail Trade
(4) Service
(5) Or Something Else?
(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 your business were $\$ 2500$ or more over the last 12 months that you owned this business?
(1) Yes
(2) No

## -GROSB-

(BUSINESS $=$ [Business Name $]$ )

Do you think that the earnings before expenses from this business 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 Period] and [Reference Period], 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 $])$
Is this business incorporated?
(1) Yes
(2) No

## -PROPB-

$($ BUSINESS $=[$ Business Name $])$
Did you own this business yourself or is 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 [fill TEMP2+] 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, 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, 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-
Please look at the calendar.
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 Worked]
-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?
(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
$\qquad$
-SOMWRK-

During the weeks that you did not have a job or a business, did you do any work at all that earned some 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 or 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 unemployment compensation
(2) Supplemental unemployment benefits
(3) Other (strike pay, union 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
$\qquad$
-LAYEMP-
What is the name of the employer from which you are on layoff?
$\qquad$
-DISABL-

Do you have a physical, mental or other health condition that limits the kind or amount of work you can do?
(1) Yes
(2) No
-DISPREV-
Does your health or condition prevent you 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?
(1) Yes
(2) No
-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

[^6]-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
\$ $\qquad$
-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: $\qquad$ Dollars and $\qquad$ Cents
TOTAL HOURS WORKED AT THIS RATE IN THE MONTH: $\qquad$

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: $\qquad$ Dollars and $\qquad$ Cents
TOTAL HOURS WORKED AT THIS RATE IN THE MONTH: $\qquad$
-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:
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: $\qquad$ Dollars and $\qquad$ Cents
TOTAL HOURS WORKED AT THIS RATE IN THE MONTH: $\qquad$

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: $\qquad$ Dollars and $\qquad$ 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:

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: $\qquad$ Dollars and $\qquad$ Cents
TOTAL HOURS WORKED AT THIS RATE IN THE MONTH: $\qquad$

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: $\qquad$ Dollars and $\qquad$ Cents
TOTAL HOURS WORKED AT THIS RATE IN THE MONTH: $\qquad$
-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:
Did you receive any other pay in [Reference Month 4] from [Employer Name]?
(1) Yes
(2) No

ENTER PAY RATE AND TOTAL HOURS WORKED AT THAT RATE IN MONTH
PAY RATE: $\qquad$ Dollars and $\qquad$ Cents
TOTAL HOURS WORKED AT THIS RATE IN THE MONTH: $\qquad$

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: $\qquad$ Dollars and $\qquad$ Cents
TOTAL HOURS WORKED AT THIS RATE IN THE MONTH: $\qquad$
-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:
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: $\qquad$ Dollars and $\qquad$ Cents
TOTAL HOURS WORKED AT THIS RATE IN THE MONTH: $\qquad$

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: $\qquad$ Dollars and $\qquad$ Cents
TOTAL HOURS WORKED AT THIS RATE IN THE MONTH: $\qquad$ -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
\$ $\qquad$
-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 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
\$ $\qquad$
-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: $\qquad$ Dollars and $\qquad$ Cents
TOTAL HOURS WORKED AT THIS RATE IN THE MONTH: $\qquad$

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: $\qquad$ Dollars and $\qquad$ 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:
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: $\qquad$ Dollars and $\qquad$ Cents
TOTAL HOURS WORKED AT THIS RATE IN THE MONTH: $\qquad$

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: $\qquad$ Dollars and $\qquad$ 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:

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: $\qquad$ Dollars and $\qquad$ Cents
TOTAL HOURS WORKED AT THIS RATE IN THE MONTH: $\qquad$

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: $\qquad$ Dollars and $\qquad$ 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:
Did you receive any other pay in [Reference Month 3] from [Employer Name]?
(1) Yes
(2) No

ENTER PAY RATE AND TOTAL HOURS WORKED AT THAT RATE IN MONTH
PAY RATE: $\qquad$ Dollars and $\qquad$ Cents
TOTAL HOURS WORKED AT THIS RATE IN THE MONTH: $\qquad$

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: $\qquad$ Dollars and $\qquad$ 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:
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: $\qquad$ Dollars and $\qquad$ Cents
TOTAL HOURS WORKED AT THIS RATE IN THE MONTH: $\qquad$

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: $\qquad$ Dollars and $\qquad$ Cents
TOTAL HOURS WORKED AT THIS RATE IN THE MONTH: $\qquad$ -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

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 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
\$ $\qquad$
-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: $\qquad$ Dollars and $\qquad$ Cents
TOTAL HOURS WORKED AT THIS RATE IN THE MONTH: $\qquad$

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: $\qquad$ Dollars and $\qquad$ 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:
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: $\qquad$ Dollars and $\qquad$ Cents
TOTAL HOURS WORKED AT THIS RATE IN THE MONTH: $\qquad$

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: $\qquad$ Dollars and $\qquad$ 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:

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: $\qquad$ Dollars and $\qquad$ Cents
TOTAL HOURS WORKED AT THIS RATE IN THE MONTH: $\qquad$

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: $\qquad$ Dollars and $\qquad$ Cents
TOTAL HOURS WORKED AT THIS RATE IN THE MONTH: $\qquad$
-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:
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: $\qquad$ Dollars and $\qquad$ Cents
TOTAL HOURS WORKED AT THIS RATE IN THE MONTH: $\qquad$

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: $\qquad$ Dollars and $\qquad$ Cents
TOTAL HOURS WORKED AT THIS RATE IN THE MONTH: $\qquad$
-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:
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: $\qquad$ Dollars and $\qquad$ Cents
TOTAL HOURS WORKED AT THIS RATE IN THE MONTH: $\qquad$

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: $\qquad$ Dollars and $\qquad$ Cents
TOTAL HOURS WORKED AT THIS RATE IN THE MONTH: $\qquad$ -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

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 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
\$ $\qquad$
-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: $\qquad$ Dollars and $\qquad$ Cents
TOTAL HOURS WORKED AT THIS RATE IN THE MONTH: $\qquad$

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: $\qquad$ Dollars and $\qquad$ 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:

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: $\qquad$ Dollars and $\qquad$ Cents
TOTAL HOURS WORKED AT THIS RATE IN THE MONTH: $\qquad$

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: $\qquad$ Dollars and $\qquad$ 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:

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: $\qquad$ Dollars and $\qquad$ Cents
TOTAL HOURS WORKED AT THIS RATE IN THE MONTH: $\qquad$

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: $\qquad$ Dollars and $\qquad$ 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:
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: $\qquad$ Dollars and $\qquad$ Cents
TOTAL HOURS WORKED AT THIS RATE IN THE MONTH: $\qquad$

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: $\qquad$ Dollars and $\qquad$ Cents
TOTAL HOURS WORKED AT THIS RATE IN THE MONTH: $\qquad$
-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:
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: $\qquad$ Dollars and $\qquad$ Cents
TOTAL HOURS WORKED AT THIS RATE IN THE MONTH: $\qquad$

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: $\qquad$ Dollars and $\qquad$ Cents
TOTAL HOURS WORKED AT THIS RATE IN THE MONTH: $\qquad$ -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 [Month 1] and [Month 2] and [Month 3] and [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):
\$
\$
\$
\$
$\qquad$

## -ALLGROSSM4-

** DO NOT READ TO RESPONDENT **

ARE ALL AMOUNTS FOR [Reference Month 4] NOW GROSS AMOUNTS?
(1) YES, ALL AMOUNTS ARE GROSS
(2) NO, SOME NET AMOUNTS REMAIN

## -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):

## \$

\$
\$
\$
\$ $\qquad$
-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):
\$
\$ $\qquad$
\$
\$
$\qquad$
-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):
\$
\$
\$ $\qquad$
\$
\$ $\qquad$

## -ALLGROSSM1-

** DO NOT READ TO RESPONDENT **

ARE ALL AMOUNTS FOR [Reference Month 1] NOW GROSS AMOUNTS?
(1) YES, ALL AMOUNTS ARE GROSS
(2) NO, SOME NET AMOUNTS REMAIN
-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
-BM4-

The next few questions are about your income from: [Business Name]
What was the total amount of income you received from [fill TEMP2 ++ ] 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
(Profit or Loss)
(Amount)

## -MOONLITE-

You told me that between [reference month 1] and [reference month 4] you had some work in addition to the jobs/businesses whose income we just talked about. Did you receive any income from that additional work from [reference month 1] to [reference month 4]?
(1) Yes
(2) No
-MLM4-
$(\mathrm{JOB} / \mathrm{BUSINESS}=$ 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 the Labor Force - Part 2 Section

## Section F. General Income - Part 1

## -OTHINT-

Now I will ask questions about your other sources of income since [Reference Month1].
PRESS ENTER TO CONTINUE

## -LMPNOW-

When you left your job, did you receive any lump sum payments, such as severance pay or any proceeds from a pension or retirement plan?
(1) Yes
(2) No

## -LMPFUTR-

Do you ever expect to receive any such payments from that job?
(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

## -LMPELSE-

What kind of other payment was it?

## -VAYN-

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

## -PWVAYN-

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
-PWVAMTH-

In which month did you last receive those payments from the Veterans Administration?
[List of Months]
(9) Other
(N) Never Received
-SSYN-
Did you receive any Social Security payments?
(1) Yes
(2) No

## -SSCLDYN-

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 you receive any income from SSI, that is, a program called Supplemental Security Income?
(1) Yes
(2) No
-SSICLDYN-

Did you receive any Supplemental Security Income (SSI) for:
READ NAMES OF CHILDREN
(1) Yes (2) No

Did you receive any income from Supplemental Security Income (SSI) for yourself?
(1) Yes
(2) No

## -PWSSIYN-

Last time I recorded that you received Supplemental Security Income (SSI) payments.
Did you receive any SSI payments at any time between [Reference Month 1] 1st and today?
(1) Yes
(2) No
-PWSSICLDYN-

Last time I recorded that you received Supplemental Security Income or SSI. At any time since [Month of previous interview] 1st, did you receive any Supplemental Security Income (SSI) for: READ NAMES OF CHILDREN
(1) Yes
(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 (excluding payments from the 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?
$\qquad$
-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 Months]
(9) Other
(N) Never Received
-DISYR1-

When did you last receive [Disability Income]?

MONTH: $\qquad$
YEAR: $\qquad$

## -OTHDIS-

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 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 (excluding payments from the VA)
(6) U.S. Government Railroad Retirement
(7) National Guard or Reserve Forces retirement
(8) Other

## -RETOTHR-

What is the specific "other" source of the retirement income that you received.
$\qquad$
-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: $\qquad$
YEAR: $\qquad$
-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?
$\qquad$
-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: $\qquad$

YEAR: $\qquad$
-OTHSUR-

Did you receive income from any other source during this time period as a result of being a survivor?
(1) Yes
(2) No

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

## -SUROTHR-

What was the specific "other" source of income you received as a survivor?
$\qquad$
-FCCYN-

Did you receive any foster child care payments?
(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: $\qquad$

YEAR: $\qquad$

## -CSAGREE-

Have support payments ever been court ordered or informally agreed to for your child/children?
(1) Yes
(2) No

## -CSYN-

Did you receive any kind of financial support payments from the [Child's Name]'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: $\qquad$

YEAR: $\qquad$
-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: $\qquad$
YEAR: $\qquad$
-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: $\qquad$

YEAR: $\qquad$

## -WICYN-

Are you on WIC, the Womens, Infants, 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 [Reference Month 1] and today?
(1) Yes
(2) No

## -PWWICMTH-

In which month did you last receive WIC benefits?
[List of Months]
(9) Other
(N) Never Received
-WICYR1-

When did you last receive WIC benefits?
MONTH: $\qquad$

YEAR: $\qquad$
-PATYN-
Did you receive any cash or other assistance from a state or county welfare program?
(1) Yes
(2) No

## -PATYNA-

Just to be sure, did you receive any cash or other assistance from a state or county welfare program on behalf of children in the household?
(1) Yes
(2) No

## -PACHCK1-

How about any other kinds of cash or other assistance from a state or county welfare program, 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 to help you get to work or school or training such as gas vouchers, bus passes, or help repairing a car?
(2) Child Care Services or Assistance so you could go to work or school or training?
(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) Any other assistance from the government

## -PATYP-

Did you receive:

## READ ALL CATEGORIES. ENTER (N) FOR NONE/NO MORE

(1) Public Assistance such as AFDC, TANF, or [State Program Name]?
(2) General Assistance or General Relief?
(3) Energy Assistance Program?
(4) Transportation Assistance to help you get to work or school or training such as gas vouchers, bus passes, or help repairing 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 cash or other assistance from a state or county welfare program?

## -PWADCYN-

Last time I recorded that you received cash or other assistance sometimes called AFDC, TANF, or [State Program Name]?

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 public assistance?
[List of Months]
(9) Other
(N) Never Received

## -ADCYR1-

When did you last receive this assistance?
MONTH: $\qquad$

YEAR: $\qquad$

## -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: $\qquad$
YEAR: $\qquad$
-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: $\qquad$

YEAR: $\qquad$

## -PATYP2-

Since [Reference Month 1] 1st, did you receive any other cash or other assistance from a state or county welfare program?
ENTER (N) FOR NONE/NO MORE
(1) Public Assistance such as AFDC, TANF, or [State Program Name]?
(2) General Assistance or General Relief?
(3) Energy Assistance Program?
(4) Transportation Assistance to help you get to work or school or training such as gas vouchers, bus passes, or help repairing 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 cash or other assistance from a state or county welfare program?
-PAOTHR-
What was the specific "other" source of public assistance income?
-PSSTHRU-
Did you receive ANY child support as a bonus or pass through, from a state or county welfare program?
(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
-PWPSMTH-

In which month did you last receive pass thru child support payments?
[List of Months]
(9) Other
(N) Never Received
-PSYR1-

When did you last receive pass thru child support payments?
MONTH: $\qquad$

YEAR: $\qquad$
-NOINC-

Did you receive non-job income from some source we have not covered, such as financial help from someone outside this household, cash or other assistance from a state or county welfare program, or anything else?
(1) Yes
(2) No

## -INCLIST-

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?

ENTER (N) FOR NONE/NO MORE
-ANYOTH-

Did you receive non-job income from any other source, such as financial help from someone outside this household, cash or other assistance from a state or county welfare program, or anything else?

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-
What kind of income did you receive? Anything else?
PRESS "SHIFT-F6" TO ACCESS INCOME SOURCES LISTED IN BOX BELOW. PRESS "SHIFT-F6" AGAIN TO RETURN TO THIS POINT.

ENTER NUMERIC CODE OF INCOME SOURCE REPORTED
ENTER (N) FOR NONE/NO MORE
-INCLIST_INFO-
[List of Income Sources Reported]
-COMSERV-

At any time since [Reference Month 1] 1ST, did the state or local welfare office have you do any community service or any other work-related or job-training activities?
(1) Yes
(2) No
-COMTYP-

Did you do community service or some other kind of job-training activity?
(1) Community service
(2) Some other kind of job-training activity
-COMOTH-

What kind of job-training activity did you do?
$\qquad$

End of the General Income - Part 1 Section

## Section G. General Income - Part 2 A

-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
(1) Retired?
(2) Disabled?
(3) Widowed or surviving child?
(4) Spouse or dependent child?
(5) Some other reason?

## -AGESS-

At what age did you begin receiving [List of Income Sources] because of your disability?
(REPORT AGE IN YEARS)
AGE: $\qquad$
-JNTSSYN-

Did you receive [List of Income Sources] jointly with your spouse?
(1) Yes
(2) No

## -WHENSS-

Are your payments usually deposited on the first or third day of the month, or on the second, third or fourth Wednesday?
(1) First, day of the month
(2) Third, day of the month
(3) 2nd, 3rd, or 4th Wednesday
(4) Other
-VETTYP-

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

Are you required to fill out an annual income questionnaire in order to receive a VA pension?
(1) Yes
(2) No
-AFDCMTH-

Have you received any state or local welfare office payments --
(1) Yes
(2) No

In [Current Month]?
In [Reference Month 4]?
In [Reference Month 3]?
In [Reference Month 2]?
In [Reference Month 1]?

Why did you stop receiving public assistance such as AFDC, TANF, or [State Program Name] in [Reference Month 4]?
(SHOW FLASHCARD) READ ALL RESPONSES
(1) Yes
(2) No
(1) Got a job or earnings increased
(2) Family situation changed
(3) Others in the household earned enough money
(4) Penalized or sanctioned for non-cooperation
(5) Time limit expired
(6) Didn't want to use up time limit
(7) Chose not to participate
(8) Other, specify

## -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

## -OTHSPB21-

What reason was that?
-YSTOP22-

Why did you stop receiving public assistance such as AFDC, TANF, or [State Program Name] in [Reference Month 3]?
(SHOW FLASHCARD) READ ALL RESPONSES
(1) Yes
(2) No
(1) Got a job or earnings increased
(2) Family situation changed
(3) Others in the household earned enough money
(4) Penalized or sanctioned for non-cooperation
(5) Time limit expired
(6) Didn't want to use up time limit
(7) Chose not to participate
(8) Other, specify
-OTHSPS22-

What reason was that?

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

## -OTHSPB22-

What reason was that?
$\qquad$
-YSTOP23-

Why did you stop receiving public assistance such as AFDC, TANF, or [State Program Name] in [Reference Month 2]?
(SHOW FLASHCARD) READ ALL RESPONSES
(1) Yes
(2) No
(1) Got a job or earnings increased
(2) Family situation changed
(3) Others in the household earned enough money
(4) Penalized or sanctioned for non-cooperation
(5) Time limit expired
(6) Didn't want to use up time limit
(7) Chose not to participate
(8) 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
-OTHSPB23-

What reason was that?

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

## -OTHSP220-

What reason was that?
$\qquad$
-ADCAMT15-
How much did you receive from Public Assistance not including food stamps --
ENTER (N) FOR NONE/NO MORE. ENTER (S) FOR SAME AS PREVIOUS AMOUNT.
\$ $\qquad$
-AFDCAMT4-

How much did you receive from Public Assistance Payments in [Reference Month 4]?
ENTER (N) FOR NONE/NO MORE AFTER LAST AMOUNT
\$ $\qquad$

How much child support was collected by the agency in your behalf in [Reference Month 4]?
(N) None
\$ $\qquad$
-PASSAMT4-

How much pass through child support payment did you receive in [Reference Month 4]?
(N) None
\$ $\qquad$
-AFDCAMT3-

How much did you receive from Public Assistance Payments in [Reference Month 3]?
ENTER (N) FOR NONE/NO MORE AFTER LAST AMOUNT
\$ $\qquad$
-CSAGCY3-
How much child support was collected by the agency in your behalf in [Reference Month 3]?
(N) None
\$ $\qquad$
-PASSAMT3-

How much pass through child support payment did you receive in [Reference Month 3]?
(N) None
\$ $\qquad$

## -AFDCAMT2-

How much did you receive from public assistance in [Reference Month 2]?
ENTER (N) FOR NONE/NO MORE AFTER LAST AMOUNT
\$ $\qquad$
-CSAGCY2-

How much child support was collected by the agency in your behalf in [Reference Month 2]?
(N) None
\$ $\qquad$
-PASSAMT2-

How much pass through child support payment did you receive in [Reference Month 2]?
(N) None
\$ $\qquad$
-AFDCAMT1-

How much did you receive from public assistance in [Reference Month 1]?
ENTER (N) FOR NONE/NO MORE AFTER LAST AMOUNT
\$ $\qquad$
-CSAGCY1-

How much child support was collected by the agency in your behalf in [Reference Month 1]?
(N) None
\$ $\qquad$

## -PASSAMT1-

How much of pass through child support payment did you receive in [Reference Month 1]?
ENTER (N) FOR NONE
\$ $\qquad$
-KIDONLY-

Did your public assistance such as AFDC, TANF or [State Program Name] 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 (A) FOR ALL PERSONS COVERED
ENTER (N) FOR NO ONE/NO MORE
-WICMNTH-
Have you received any WIC--
(1) Yes
(2) No

In [Current Month]?
In [Reference Month 4]?
In [Reference Month 3]?
In [Reference Month 2]?
In [Reference Month 1]?

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

## -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

## -OTHSWS22-

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

## -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

## -OTHSWS23-

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
-OTHSWB23-

What reason was that?

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

## -OTSPW220-

What reason was that?
$\qquad$
-WICPER-

Who does WIC cover in this household?
ENTER LINE NUMBER OF PERSON COVERED
ENTER (A) FOR ALL PERSONS COVERED
ENTER (N) FOR NO ONE/NO MORE

Did you receive Food Stamps --
(1) Yes
(2) No

In [Current Month]?
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?

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

## -OTHSFB21-

What reason was that?
$\qquad$
-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

What reason was that?
-FYBEG22-

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
-OTHSFB22-

What reason was that?

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

## -OTHSFS23-

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

What reason was that?
-FYBEG220-

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
-OTSPF220-

What reason was that?

End of the General Income - Part 2 A

## Section H. General Income - Part 2 B

-FSAMT15-
What was the amount of Food Stamps you received in:
ENTER (N) FOR NONE/NO MORE. ENTER (S) FOR SAME AS PREVIOUS AMOUNT
\$ $\qquad$

## -FSPER-

Who does your Food Stamps cover?
ENTER LINE NUMBER OF PERSON COVERED
ENTER (A) FOR ALL PERSONS COVERED
ENTER (N) FOR NO ONE/NO MORE.
-CSMTH-

Have you received any Child Support payments --
(1) Yes
(2) No

In [Current Month]?
In [Reference Month 4]?
In [Reference Month 3]?
In [Reference Month 2]?
In [Reference Month 1]?

What was the amount of child support you received:
ENTER (N) FOR NONE/NO MORE. ENTER (S) FOR SAME AS PREVIOUS AMOUNT.
\$ $\qquad$

## -MNTHYN-

Have you received any [List of Assistance] --
(1) Yes
(2) No

In [Current Month]?
In [Reference Month 4]?
In [Reference Month 3]?
In [Reference Month 2]?
In [Reference Month 1]?
-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

## -OTHSMS21-

What reason was that?
\$ $\qquad$
-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
-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

## -OTHSMB21-

What reason was that?
\$ $\qquad$

## -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?
\$ $\qquad$

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

## -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

## -OTHSMB22-

What reason was that?
\$ $\qquad$

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

## -OTHSMS23-

What reason was that?
\$ $\qquad$
-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

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

## -OTHSMB23-

What reason was that?
\$ $\qquad$
-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

## -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
(1) Needed the money
(2) Became disabled/blind
(3) Over 65
(4) Other, specify
-OTSPM220-

What reason was that?
\$ $\qquad$
-MNTHAMT15-

For each payment, please report the total amount. How much income did you receive?
ENTER (N) FOR NONE/NO MORE. ENTER (S) FOR SAME AS PREVIOUS AMOUNT. \$ $\qquad$
-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 (A) FOR ALL PERSONS COVERED
ENTER (N) FOR NO ONE/NO MORE.

## -KDMTHYN-

Were any payments received for your child--
(1) Yes
(2) No

In [Current Month]?
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 was received?

ENTER (N) FOR NONE/NO MORE. ENTER (S) FOR SAME AS PREVIOUS AMOUNT.
\$ $\qquad$
-SSKIDCOV-

Who did these payments cover?

ENTER LINE NUMBER OF PERSON COVERED
ENTER (A) FOR ALL PERSONS COVERED
ENTER (N) FOR NO ONE/NO MORE.

## -GINCRECUSE-

** DO NOT READ TO RESPONDENT **

Did respondent use any records when reporting the amount of income received from: [List of Income Sources Reported]
(1) Yes
(2) No

End of the General Income - Part 2 B Section

## Section I. Assets

## -ASSTINT-

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

## -ASSET1-

During the period from [Reference Month 1] 1st through today, did you own, either alone or jointly, any of the following: (SHOW FLASHCARD F) READ EACH CATEGORY. ASSETS IN REVERSE VIDEO INDICATE OWNED IN PREVIOUS WAVE.
(1) Yes (2) No (N) No Assets

1 U.S. Government savings bonds (E or EE)?
2 An IRA or Keogh account?
3 A 401K or thrift plan?
4 An interest earning checking account?
5 A savings account?
6 A money market deposit account?
7 A certificate of deposit (CD)?
8 Mutual funds?
9 Stocks?
10 Municipal or corporate bonds?
11 U.S. Government securities?
12 Mortgages from which payments are received?
13 Rental property?
14 Royalties?
15 Any other financial investments not already mentioned?

## -OTHFIN-

Enter the "other financial investment"
-ASETDRAW-

Since [Reference Month 1] 1st, have you received any lump sum or regular distribution payments from your [List of Assets]
(1) Yes, lump sum
(2) Yes, regular distribution
(3) Yes, both
(4) No, no payments received

## -ASSTINTRO1-

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 [Asset Name(s)] jointly with your spouse?
(1) Yes
(2) No

## -JTINT-

$($ 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 [Asset Name(s)].
ENTER (A) FOR ALTERNATIVE ANNUAL REPORTING
ENTER (N) FOR NONE/NO MORE

Total: $\qquad$

## -AJTINT-

ENTER THE INTEREST AMOUNT EARNED PER YEAR
\$ $\qquad$
-JTAMT-

What is the average amount that you and your spouse had in this/these jointly held [Asset Name(s)]?
\$ $\qquad$
-JCAT1B-

FR NOTE: ASSET IS [Asset Name(s)]. Is it:
(1) Less than $\$ 500$
(2) $\$ 500$ to $\$ 1,000$
(3) $\$ 1,001$ to $\$ 5,000$
(4) More than $\$ 5,000$

## -JCAT2B-

FR NOTE: ASSET IS [Asset Name(s)]. 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-

In addition to the [Asset Name(s)] you owned jointly, did you also own any in your name only?
(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 [Asset Name(s)]?
ENTER (A) FOR ALTERNATIVE ANNUAL REPORTING
ENTER (N) FOR NONE/NO MORE
Total: $\qquad$
-AOINT-

ENTER THE INTEREST AMOUNT EARNED PER YEAR
\$ $\qquad$
-OAMT-

What is the average amount that you had in this/these [Asset Name(s)]?
\$ $\qquad$

## -OCAT1B-

FR NOTE: ASSET IS [Asset Name(s)]. 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 [Asset Name(s)]. 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 [Asset Name]. 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 yourspouse?

ENTER (A) FOR ALTERNATIVE ANNUAL REPORTING
ENTER (N) FOR NONE/NO MORE

Total: $\qquad$
-AJTDIV-
ENTER THE DIVIDEND AMOUNT EARNED PER YEAR
\$ $\qquad$
$($ 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: $\qquad$
-AODIV-
ENTER THE DIVIDEND AMOUNT EARNED PER YEAR
\$ $\qquad$

## -OTHDIV-

Did you earn any dividends that were credited against a margin account or automatically reinvested?
(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: $\qquad$
-AJAMTDV-

ENTER THE DIVIDEND AMOUNT EARNED PER YEAR \$ $\qquad$
-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: $\qquad$
-AOAMTDV-
ENTER THE DIVIDEND AMOUNT EARNED PER YEAR
\$ $\qquad$
-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: $\qquad$
-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: $\qquad$
-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: $\qquad$
-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

Total: $\qquad$ -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: $\qquad$

## -MRTJNT-

Earlier you said that at sometime between [Reference Month 1] 1st and the end of [Reference Month 4], 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: $\qquad$
-MRTOWN-
Did you hold any mortgages in your own name?
(1) Yes
(2) No

## -MIOWN-

$($ 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: $\qquad$

## -RNDUP1-

$($ 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? If income is shared, count only your share.

ENTER (N) FOR NONE/NO MORE

Total: $\qquad$
-RNDUP2-
$($ 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: $\qquad$

## -ASTRECUSE-

** DO NOT READ TO RESPONDENT **
Did respondent use any records to answer any Asset questions?
(1) Yes
(2) No

Ens of the Assets Section

## Section J. Health Insurance

## -HLTHINT-

Now I'm going to ask you about health insurance.
PRESS "ENTER" TO CONTINUE
-MCARE-

## (SHOW FLASHCARD G)

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-

Medicare cards contain information about type of coverage. May I see your medicare card to record the claim number?

FLASHCARD G PROVIDES EXAMPLES OF MEDICARE CARDS WHICH ARE TO BE SHOWN TO RESPONDENT.
(N) Card Not Available

## -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 today were you covered by Medicaid, which you may also know as [State Program Name]?
(1) Yes
(2) No

## -CAIDOTH-

At any time between [Reference Month 1] 1st and today were you covered by any other public program that pays for medical care, which you may also know as [State Program Name] or [State CHIP Name]?
(1) Yes
(2) No
-CDMNTH1-

In which months were you covered by Medicaid or some other public program that pays for medical care?

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]?

How about your children. Were ***READ NAME(S) LISTED BELOW*** covered by Medicaid, which you may also know as [State Program Name] at any time between [Reference Month 1] 1st and today?
(1) Yes
(2) No
-CHIP-

At any time between [Reference Month 1] 1st and today [was your child/were your children] covered by [State CHIP Program Name], the State Children's Health Insurance Program that helps families get health insurance for children?
(1) Yes
(2) No
-KIDOTH-
Were your children covered by any other public program that pays for medical care, which you may also know as [State Program Name], at any time between [Reference Month 1] 1st and today?
(1) Yes
(2) No
-CAIDKIDS-
PARENT IS: [Parent's name]
Which of your children were covered by [Medicaid, which you may also know as [State Program Name]/[State CHIP Name]/any other public program that pays for medical care, which you may also know as ["Other" State Program Name]]?

ENTER (N) FOR NO MORE

## -CDMNTH2-

In which months [was your child/were your children] covered by Medicaid or some other public program that pays for medical care?

## READ EACH ANSWER CATEGORY

(1) Yes
(2) No
$\qquad$ In [Current Month]?
In [Reference Month 4]?
In [Reference Month 3]?
__ In [Reference Month 2]?
___ In [Reference Month 1]?

## -CAIDBEGYR-

When did your current Medicaid coverage, which you may also know as [State Program Name] start?
YEAR: $\qquad$
-CAIDBEGMTH-

In what month did that coverage start?

MONTH: $\qquad$

## -CAIDBEGPB-

I recorded that the last time you received Medicaid, which you may also know as [State Program Name] was in [Previously reported month],
Is that correct?
(1) Yes
(2) No

## -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-

Other than Medicare, Medicaid [State Program Name], or some other public program, are you covered by health insurance in this month?
(1) Yes
(2) No

Were you covered --
READ EACH ANSWER CATEGORY
___ 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) TRICARE/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

Other than you, who else was covered by this plan?
(ENTER LINE NUMBERS OF PERSONS COVERED)
(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 other than Medicare or Medicaid, which you may also know as [State Program Name], [State CHIP Name], or any other public program that pays for medical care ["Other" State Program Name] at anytime between [Reference Month 1] 1st and today?
(1) Yes
(2) No

## -H2KDCOV-

Which children, if any, were covered by a health insurance plan other than Medicare or Medicaid, which you may also know as [State Program Name], [State CHIP Name], or any other public program that pays for medical care ["Other" State Program Name] 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-

Are you 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 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 month(s) of [Reference Month(s)].

Which ONE OR MORE of these reasons describe why you were not covered?
(SHOW FLASHCARD H) 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
-HISPEC-

Specify the exact "OTHER" reason not covered by health insurance.

End of the Health Insurance Section

## Section K. Programs

## -MTHRNT-

Now we are going to ask some questions about government programs.
Excluding any rent subsidies, how much do you currently pay in monthly rent?
(N) None
\$ $\qquad$
-MTHRNTCK-

FR NOTE: LAST WAVE, RENT REPORTED WAS \$ $\qquad$ . (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-

Do you 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-

Now we are going to ask some questions about government programs.
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-

Now we are going to ask some questions about government programs
Was this assistance received in the form of -
MARK ALL THAT APPLY. ENTER (N) AFTER LAST ENTRY.
(1) Checks sent to the household
(2) Coupons or vouchers sent to the household
(3) Payments sent directly to the utility company, fueldealer, or landlord

## -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 child(ren) 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-

Were any of the lunches free or reduced price because these children/this child qualified for the National School Lunch Program?
(1) Yes
(2) No

## -FREREDLN-

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 child(ren) 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-

Were any of the breakfasts free or reduced-price, because these children/this child qualified for the National School Breakfast Program?
(1) Yes
(2) No

## -FREREDBK-

Were they free or reduced price?
(1) Free breakfast
(2) Reduced-price breakfast

End of the Programs Section

## -ENROLL-

Now I am going to ask about school enrollment. 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 Month 1] 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-

Now I am going to ask about school enrollment. 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 Month 1] 1st to the end of [Reference Month 4]?
(1) Yes
(2) No

Were you enrolled full-time or part-time?
(1) Full-time
(2) Part-time

## -NEWENRL-

Now I am going to ask about school enrollment. 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-

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

Were you enrolled full-time or part-time?
(1) Full-time
(2) Part-time

## -MNTHENRL-

In which months were you enrolled in school?
Were you enrolled in:
(1) Yes
(2) No
[REFERENCE MONTH1]?
[REFERENCE MONTH2]?
[REFERENCE MONTH3]?
[REFERENCE MONTH4]?

## -OLDLVL-

Last time, I recorded that you were enrolled in [School Grade or Level]. Were you enrolled at that level during the period of [Reference Month 1] to [Reference month 4]?
(1) Yes
(2) No

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 Grade or 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) $1 \mathrm{st}, 2 \mathrm{nd}, 3 \mathrm{rd}$ or 4 th 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 the 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 [Previous Wave Reference period], did you still receive all of these types of aid OR did they change?
(1) Yes, SAME types
(2) No, CHANGE types

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 I. 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)

[^7]-FIN-

This case is not completed.
PRESS F1 TO RETURN TO THE PREVIOUS SCREEN
OR
ENTER (X) TO EXIT THE INTERVIEW

## -LTRADDR-

***ENTER THE LINE NUMBER OF THE PERSON IN THIS HOUSEHOLD TO WHOM CORRESPONDENCE SHOULD BE SENT***
***ASK IF NOT APPARENT***
-TEL1VER-
During our last visit, I recorded that the phone number where you would like to be called is: ( $\quad$ )
$\qquad$ and that this is a [Home, Work, Cellular or Digital, Beeper/Pager/ Answering Service, Public (Pay phone), Toll Free] phone.

Is this still correct?
(1) Yes
(2) No

## -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?

## -TELPHN1-

What is the telephone number where you would like to be called?

Area Code: $\qquad$ New Number: $\qquad$
EXT: $\qquad$ (IF NO EXTENSION, PRESS ENTER)

What type of telephone is it?
(1) Home
(2) Work
(3) Cellular or Digital
(4) Beeper/Pager/Answering Service
(5) Public (Pay phone)
(6) Toll Free
(7) Other (Specify)

What was that?

## -TEL2VER-

I also recorded that the second phone number where you would like to be called is:
$\qquad$ ) $\qquad$ - $\qquad$ and that this is a [Home, Work, Cellular or Digital, Beeper/Pager/ Answering Service, Public (Pay phone), Toll Free] phone.

Is this still correct?
(1) Yes
(2) No

## -TELHHD2-

Is there a second telephone number where you can be contacted?
(1) Yes
(2) No
-TELPHN2-

What is the second telephone number where you would like to be called?
Area Code: $\qquad$ New Number: $\qquad$

EXT: $\qquad$ (IF NO EXTENSION, PRESS ENTER)

What type of telephone is it?
(1) Home
(2) Work
(3) Cellular or Digital
(4) Beeper/Pager/Answering Service
(5) Public (Pay phone)
(6) Toll Free
(7) Other (Specify)

What was that?

## -PHONEO-

Is a telephone interview acceptable?
(1) Yes
(2) No
(3) No phone available

## -BSTTIVER-

During our last visit, I recorded that [Time reported from previous wave] was the best time to contact you. Is this still correct?
(1) Yes
(2) No

## -BSTTI-

When is the best time to contact you?
DO NOT READ CATEGORIES
(1) Morning (9am-12 noon)
(2) Noon/lunchtime (11am-1pm)
(3) Afternoon (12 noon-4pm)
(4) Suppertime/early evening/dinnertime( $4 \mathrm{pm}-7 \mathrm{pm}$ )
(5) Evening (6pm-9pm)
(6) Anytime (9am-9pm)
(7) Late evening/night (7pm-9pm)
(8) Daytime ( $9 \mathrm{am}-4 \mathrm{pm}$ )
(9) After 5pm
(10) Other, specify

ENTER SPECIFIC BEST TIME TO CALL

## -CP1VER-

During our last visit, we recorded the following information about someone to contact if we couldn't reach you. You told us to contact:
CONTACT PERSON \#1 NAME/ADDRESS:
CONTACT PERSON TELEPHONE \#: $\qquad$ _- $\qquad$ EXT: $\qquad$

Is this still correct?
(1) Yes
(2) No

## -CPR1-

Enter name and address or (S) for SAME, if no change needed
FIRST NAME $\qquad$
LAST NAME $\qquad$
STREET ADDRESS: $\qquad$
STREET ADDRESS: $\qquad$
CITY: $\qquad$
STATE: ___ ZIP CODE: $\qquad$
Current relation: $\qquad$

Area Code: $\qquad$ PREFIX: $\qquad$ SUFFIX: $\qquad$
EXT: $\qquad$
-CPNAME1-

Please, give me the name, address, and telephone number of a close relative or friend who would know how to reach you if we are unable to contact you.

Please, begin with that person's name.
(0) NO CONTACT PERSON INFORMATION AVAILABLE

FIRST NAME $\qquad$
MIDDLE NAME $\qquad$
LAST NAME $\qquad$
-CPRELAT1-

What is that person's relationship to you?
-CPADDRS1-

What is that person's address?

STREET ADDRESS: $\qquad$
STREET ADDRESS: $\qquad$
CITY: $\qquad$ STATE:
ZIP CODE: $\qquad$

## -CPPHONE1-

What is that person's telephone number?
(N) NO TELEPHONE NUMBER AVAILABLE

Area Code: $\qquad$ New Number: $\qquad$

EXT: $\qquad$ IF NO EXTENSION, PRESS ENTER
What type of telephone is it?
(1) Home
(2) Work
(3) Cellular or Digital
(4) Beeper/Pager/Answering Service
(5) Public (Pay phone)
(6) Toll Free
(7) Other (Specify)

What was that?
$\qquad$

## -MORECP1-

Is there another person who would know how to reach you?
(1) Yes
(2) No

## -CP2VER-

I also recorded the following information about a second relative or friend to be contact if we couldn't reach you. You told us to contact:
CONTACT PERSON \#2 NAME/ADDRESS:
CONTACT PERSON TELEPHONE \#: $\qquad$ ) _- $\qquad$ EXT: $\qquad$

Is this still correct?
(1) Yes
(2) No
-CPR2-

Enter name and address or (S) for SAME, if no change needed
Current name:

FIRST NAME $\qquad$
LAST NAME $\qquad$

STREET ADDRESS: $\qquad$
STREET ADDRESS: $\qquad$
CITY: $\qquad$
STATE: $\qquad$ ZIP CODE: $\qquad$

Current relation: $\qquad$

Area Code: $\qquad$ PREFIX: $\qquad$ SUFFIX: $\qquad$
EXT:

Please, give me the name, address, and telephone number of a second relative or friend who would know how to reach you if we are unable to contact you.

Please, begin with that person's name.

FIRST NAME $\qquad$
MIDDLE NAME $\qquad$
LAST NAME $\qquad$
-CPRELAT2-
What is that person's relationship to you?
-CPADDRS2-
What is that person's address?
STREET ADDRESS: STREET ADDRESS:
$\qquad$ CITY:
STATE: ZIP CODE: $\qquad$

## -CPPHONE2-

What is that person's telephone number?
(N) NO TELEPHONE NUMBER AVAILABLE

Area Code: $\qquad$ New Number: $\qquad$

EXT: $\qquad$ IF NO EXTENSION, PRESS ENTER
What type of telephone is it?
(1) Home
(2) Work
(3) Cellular or Digital
(4) Beeper/Pager/Answering Service
(5) Public (Pay phone)
(6) Toll Free
(7) Other (Specify)

What was that?
$\qquad$
-TRANS-

ARE YOU READY TO TRANSMIT THIS CASE?
(1) Yes
(2) No
-NOWTYPEA-
** DO NOT READ TO RESPONDENT**

THIS IS NOW A TYPE A-

PRESS ENTER TO CONTINUE

## -WHYTYPZ6-

No survey data were collected for [person's name].
Enter the reason that best describes why [person's name]'s survey data were not collected.
(1) Person was ill or in the hospital
(2) Person was temporarily away from home
(3) Refused
(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 best to contact you again to [reason for callback]?

PROBE: May I contact you later today?
TODAY IS: [today's date]
-THANKCB-

Thank you for your help.

I will contact you at the time suggested.

REVISIT DATE: [Date to return]
PRESS ENTER TO CONTINUE

MARK WITHOUT ASKING:

DID YOU GIVE THE RESPONDENT A DEBIT CARD IN RETURN FOR THEIR COMPLETED INTERVIEW?
(1) Yes
(2) No
-INCNUMB-

FR: Enter 6-digit card number from the debit card.

## -RECVINC-

How did you feel about receiving an incentive to participate in this survey?
(N) No (more) notes needed

## -THANKYOU-

Thank you for your cooperation. Since this is a survey that studies the economic changes of people over time, we contact respondents periodically for anywhere from one to three years. I will call on you again in four months, which will be in [next interview month]. Also, my office may check to see if I have done my job properly. Therefore, you may receive a call in the next several weeks checking on my work. Thank you again.

PRESS ENTER TO END INTERVIEW

## -VISITCNT-

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?

## -MODECOLL-

FR CHECK ITEM: Was the majority of this interview done by personal interview, or by telephone interview?
(1) Telephone interview
(2) Personal interview

## -OTHNAME1-

FR: Identify the person who responded to the majority of this interview.
ENTER LINE NUMBER

## -SPAN1-

## FR CHECK ITEM:

Did you conduct any of this household's interview in Spanish?
(1) Yes
(2) No
-SPAN2-

FR CHECK ITEM: Did you use the Spanish translation in the instrument (available by pressing Shift-F5) during the interview?
(1) Yes
(2) No
-SPAN3-

FR CHECK ITEM: Why did you choose not to use the Spanish translation in the instrument?
-INOTES_1-
(1) KEEP ALL notes without changes
(H) Abbreviations
(2) CHANGE or ADD to existing notes
(3) REPLACE ALL notes

## -INOTES_2-

Enter replacement notes about this case. Enter notes about this case.
(H) Abbreviations
(N) No notes needed, or finished entering notes
-INOTES_3-

UP Arrow = Move UP one line
HOME = FIRST line
Space Bar = DELETE an ENTIRE line

DOWN Arrow = Move DOWN one line
END = Last line
$(\mathrm{N})=$ No more
-INOTES_4-

WARNING SCREEN

YOU ARE ABOUT TO DELETE ALL NOTES FOR THIS CASE ARE YOU SURE YOU WANT TO DELETE ALL NOTES?
(1) Yes
(2) No
-INOTES_END-
** DO NOT READ **

This screen only appears when there are 15 lines of notes.
PRESS ENTER

End of the Instrument Back Section

## APPENDIX C

## Working Papers

This appendix provides a list of SIPP Working Papers. These papers are available on the Census Bureau's Internet site http://www.census.gov

## 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)
(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) Development Program," V. J. HUGGINS (Census Bureau)

## New

16 "Evaluation of Training Materials and Methods for the Survey of Income and Program Participation," M. HOLT (Survey Research Consultant)

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)

18 "Composite Estimation for SIPP:A Preliminary Report," R. P. CHAKRABARTY (Census Bureau)

19 "Longitudinal Household Concepts in SIPP: Preliminary Results," C. F. CITRO
"Longitudinal Household Concepts in SIPP: Preliminary Results," C. F. CITRO
(ASA/Census Research Fellow), D. J. HERNANDEZ, and R. A. HERRIOT (Census Bureau)
20 "Following Children in the Survey of Income and Program Participation," E. K. MCARTHUR, and K. S. SHORT (Census Bureau)

21 "SIPP Labor Force Transitions: Problems and Promises," P. RYSCAV AGE andK. S. SHORT (Census Bureau)

22 "Augmenting Data Reported in the Survey of Income and Program Participation with Administrative Record Data--A Brief Discussion," D. K. SATER (Census Bureau)

23 "Tracking Persons Over Time," A. C. JEAN and E. K. MCARTHUR (Census Bureau)

25 "Work Experience Data from SIPP," P. RYSCAVAGE and A. FELDMAN-HARKINS (Census Bureau)

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)

27 "SIPP: Filling Data Gaps on the Poverty and Social Welfare Fronts," P. RYSCAVAGE (Census Bureau)

28 "Response Errors in Labor Surveys: Comparisons of Self and Proxy," D. HILL (University of Michigan)
"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)

24 "Preliminary Data from the SIPP 1983-84 Longitudinal Research File," J. F. CODER, D. BURKHEAD, A. FELDMAN-HARKINS, and J. MCNEIL (Census Bureau)
"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)
"Quality Profile for the Survey of Income and Program Participation," K. KING, R. PETRONI, and R. SINGH (Census Bureau)
(8709) 31 "Survey of Income and Program Participation (SIPP) Sample Loss and the Efforts to Reduce It," D. NELSON, C. BOWIE, and A. WALKER (Census Bureau)
"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)
"Job Tenure, Lifetime Work Interruptions and Wage Differentials," J. MCNEIL, E. LAMAS (Census Bureau), and S. HABER (The George Washington University)

34 "Measuring the Bias in Gross Flows in the Presence of Auto-Correlated Response Errors," D. HUBBLE (Census Bureau), and D. JUDKINS (Westat, Inc.)

35 "Investigation of Possible Causes of Transition Patterns from SIPP," L. WEIDMAN (Census Bureau)

36 "Household and Income Sources: Monthly Averages for 1984," J. MOORMAN (Census Bureau)

37 "Creating SIPP Longitudinal Files Using OSIRIS IV," M. SERVAIS (University of Michigan)
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)

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)

40 "Factors Associated with Household Net Worth," E. LAMAS and J. MCNEIL (Census Bureau)

41 "Exploring Changes in Health Care Coverage Using the SIPP Longitudinal Research File," D. BURKHEAD and A. FELDMAN and HARKINS (Census Bureau)

42 "The Analysis of Geographical Mobility and Life Events with the SIPP," D. DAHMANN and E. MCARTHUR (Census Bureau)

43 "A Review of the Use of Administrative Records in the Survey of Income and Program Participation," C. BOWIE and D. KASPRZYK (Census Bureau)
"Survey of Income and Program Participation Update," D. KASPRZYK (Census Bureau)
"Measuring Poverty with the SIPP and the CPS," R. WILLIAMS (Congressional Budget Office)
"The Statistical Invisible Minority Aged," C. TAEUBER (Census Bureau), and E. ATTAH (Atlanta University)

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47 "An Analysis of the SIPP Asset and Liability Feedback Experiment," E. LAMAS and J. MCNEIL (Census Bureau)

48 "The Impact of the Unit of Analysis on Measures of Serial Multiple Program Participation," P. DOYLE and S. K. LONG (Mathematica Policy Research, Inc.)

49 "Short-Term Fluctuations in Income and Their Impacts on the Characteristics of the LowIncome Population: New Data from the Survey of Income and Program Participation," P. RUGGLES (The Urban Institute)

50 "Residential Mobility of One-Person Households," J. WITTE and H. LAHMANN (German Institute for Economic Research)

51 "Year-Apart Estimates of Household Net Worth from the Survey of Income and Program Participation," J. MCNEIL and E. LAMAS (Census Bureau)

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)

53 "Using Administrative Record Data to Evaluate the Quality of Survey Estimates,"
J. MOORE and K. MARQUIS (Census Bureau)

54 "The Wealth of the Aged and Nonaged, 1984," D. RADNER (Social Security Administration)

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"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)

56 "The Dynamics of Medicaid Enrollment," P. FARLEY-SHORT, J. A. CANTOR and A. C. MONHEIT (National Center for Health Services Research)

57 "The Discouraged Worker Effect: A Reappraisal Using Spell Duration Data, A. MARTINI (University of Wisconsin-Madison)

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59 "The SIPP: Data from the Social Security Administration's 1987 Annual Statistical Supplement."

60 "Participation in Industrial Training Programs," S. HABER (The George Washington University)

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)
"The Effect of Income Taxation on Labor Supply When Deductions are Endogenous, R. K. TRIEST (The Johns Hopkins University)
(8816) 63 "A Comparison of Gross Changes in Labor Force Status from SIPP and CPS," P. RYSCAVAGE and A. FELDMAN-HARKINS (Census Bureau)

65 "Welfare Recipient as Observed in the SIPP," J. CODER (Census Bureau) and P. RUGGLES (The Urban Institute)

66 "Reservation Wages and Subsequent Acceptance Wages of Unemployed Persons, P. RYSCAVAGE (Census Bureau)

67 "Selected References from the Income Survey Development Program (ISDP) and Survey of Income and Program Participation (SIPP)."

68 "Training, Wage Growth, Firm Size," S. HABER (The George Washington University) and E. LAMAS (Census Bureau)

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)

70 "Nonresponse Adjustment Methods for Demographic Surveys at the U.S. Bureau of the Census," R. SINGH and R. PETRONI (Census Bureau)

71 "Testing Telephone Interviewing in the Survey of Income and Program Participation and Some Early Results," S. DURANT and P. GBUR (Census Bureau)

72 "Excluding Sample that Misses Some Interviews from SIPP Longitudinal Estimates," L. R. ERNST and D. GILLMAN (Census Bureau)

73 "The Employment of Mothers and the Prevention of Poverty," M. HILL (University of Michigan) and H. HARTMANN (Rutgers University)

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75 "A Look at Welfare Dependency Using the 1984 SIPP Panel File," J. CODER, D. BURKHEAD, and A. FELDMAN-HARKINS (Census Bureau)
"Census Bureau Microdata: Providing Useful Research Data While Protecting the Anonymity of Respondents," G. GATES (Census Bureau)

77 "The Survey of Income and Program Participation: An Overview and Discussion of Research Issues," D. KASPRZYK (Census Bureau)

78 "Quality of SIPP Estimates," R. P. SINGH, L. WEIDMAN, and G. SHAPIRO (Census Bureau)
"Two Notes on Sampling Variance Estimates from the 1984 SIPP Public-Use Files," B. BYE and S. J. GALLICCHIO (Social Security Administration)
(8903) 80 "Longitudinal vs. Retrospective Measures of Work Experience," P. RYSCAVAGE and
J. CODER (Census Bureau)

81 "Analyzing the Characteristics of Blacks: A Comparison of Data from SIPP and CPS," R. FARLEY and L. J. NEIDERT (University of Michigan)

82 "Enhanced Demographic-Economic Data Sets,"R. HERRIOT, C. BOWIE, D. KASPRZYK, and S. HABER (Census Bureau)

83 "Reflections on the Income Estimates from the Initial Panel of the Survey of Income and Program Participation (SIPP)," D. VAUGHAN (Social Security Administration)

84 "Measuring Spells of Unemployment and Their Outcomes," P. RYSCAVAGE (Census Bureau)

85 "Welfare Dependency and its Causes: Determinants of the Duration of Welfare Spells," P. RUGGLES (The Urban Institute)

86 "Measuring the Duration of Poverty Spells," P. RUGGLES (The Urban Institute) and R. WILLIAMS (Congressional Budget Office)

87 "Methods of Processing Unit Data Longitudinally on the SIPP," K. SMITH (Congressional Budget Office)

88 "Composite Estimation for SIPP Annual Estimates," R. P. CHAKRABARTY (Census Bureau)

89 "Research and Evaluation Conducted on the Survey of Income and Program Participation," R. PETRONI, T. CARMODY, and V. HUGGINS (Census Bureau)

90 "A Poisson Model of Response and Procedural Error Analysis of SIPP Reinterview Data," D. HILL (University of Michigan)

91 "The Economic Resources of the Elderly," S. CRYSTAL and D. SHEA (Rutgers University)
92 "Multivariate Analysis by Users of SIPP Micro-Data Files" R. P. CHAKRABARTY (Census Bureau)
"A Resource-Based Model of Living Arrangements among the Unmarried Elderly," J. E. MUTCHLER and J. A. BURR (University of Buffalo)

94 "Measuring Household Change at the Individual Level Using Data from SIPP, " A. SPEARE, JR. and R. AVERY (Brown University)

95 "The Effect of Child Care Costs on Married Women's Labor Force Participation, R. CONNELLY (Bowdoin College)

96 "Income and Assets of Social Security Beneficiaries by Type of Benefit," S. GRAD (Social Security Administration)

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97 "Development and Evaluation of a Survey-Based Type of Benefit Classification for the Social Security Program," D. VAUGHAN (Social Security Administration)
"Components of Longitudinal Household Change for 1984-1985: An Evaluation of National Estimates from the SIPP," D. J. HERNANDEZ (Census Bureau)
"Database Design for Large-Scale, Complex Data," M. H. DAVID and A. ROBBIN (University of Wisconsin)

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)

102 "The Regular Receipt of Child Support: A Multi-Step Process," J. PETERSON and C. NORD (Child Trends, Inc.)

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)

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105 "Findings from the SIPP Fringe Benefits Feasibility Study: Response Rates and Data Quality," S. HABER (The George Washington University)

106 "Recent Developments in the Survey of Income and Program Participation, C. BOWIE (Census Bureau)

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)
"The Effect of the Marriage Market on First Marriages: Evidence from SIPP, J. FITZGERALD (Bowdoin College)

109 "Counting Spells of Unemployment," P. RYSCAVAGE and K. SHORT (Census Bureau)
110 "The Elderly and Their Sources of Income: Implications for Rural Development," R. HOPPE (Economic Research Service, U.S. Department of Agriculture)

111 "Alternative Estimates of Economic Well-Being by Age Using Data on Wealth and Income," D. RADNER (Social Security Administration)

112 "Longitudinal Analysis of Federal Survey Data," P. RUGGLES (Joint Economic Committee)
113 "Measurement Errors in SIPP Program Reports," K. H. MARQUIS and J. C. MOORE (Census Bureau)

114 "Handling Single Wave Nonresponse in Panel Surveys," R. SINGH, V. HUGGINS, and D. KASPRZYK (Census Bureau)

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            115 "Nonresponse Research for the SIPP," R. PETRONI (Census Bureau)
            116 "The Seam Effect in Panel Surveys," G. KALTON, D. HILL, and M. MILLER (University of
        Michigan)
    117 "The Effects of Being Uninsured on Health Care Service Use: Estimates from the SIPP,"
        S. H. LONG and J. RODGERS (Congressional Budget Office)
    118 "Wage Differential and Job Changes," S. SENINGER and D. GREENBERG (University of
        Maryland) From SIP
    119 "Wages and Employment Among the Working Poor: New Evidence P,
        S. K. LONG (The Urban Institute) and A. MARTINI (Mathematica Policy Research)
    120 "Pension Portability \& Labor Mobility: Evidence from SIPP," A. GUSTMAN (Dartmouth
        College) and T. STEINMEIER (Texas Tech University)
    121 "Response \& Procedural Error Variance in Surveys: An Application of Poisson and
        Newman Type A Regression," D. HILL (University of Toledo)
    122 "Aging and the Income Value of Housing Wealth," S. F. VENTI (Dartmouth College) and D.
        A. WISE (Harvard University)
    123 "Welfare Participation and Welfare Recidivism: The Role of Family Events,
        S. K. LONG (The Urban Institute)
    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)
    125 "Living Benefits: Closing the Gap for LTC Financing," D. G. SHEA (Pennsylvania State
        University)
    126 "SIPP Record Check Results: Implications for Measurement Principles and Practice,
        K. H. MARQUIS and J. C. MOORE (Census Bureau)
    127 "Workers with Disabilities in Large and Small Firms: Profiles from the SIPP,"
        D. DRURY (Berkeley Planning Associates)
    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)
    129 "The Saving Effect of Tax-Deferred Retirement Accounts: Evidence from the SIPP,
        S. VENTI (Dartmouth College) and D. A. WISE (Harvard University)
    130 "Children and Welfare: Patterns of Multiple Program Participation," S. K. LONG (The Urban
        Institute)
    13
        "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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132 "The SIPP Event History Calendar: Aiding Respondents in the Dating of Longitudinal Process," R. KOMINSKI (Census Bureau)

133 "Estimates of Employer Contributions for Health Insurance by Worker Characteristics," S. HABER (George Washington University)

134 "Two Notes on Relating the Risk of Disclosure for Microdata and Geographic Area Size," B. GREENBERG and L. VOSHELL (Census Bureau)

135 "Childcare Effects on Social Security Benefits (91 ARC)," H. M. IAMS (Social Security Administration)

136 "The Effect of the Medicaid Program on Welfare Participation \& Labor Supply," R. MOFFIT (Brown University) and B. WOLFE (University of Wisconsin)

137 "Proxy Reports: Results from a Record Check Study," J. C. MOORE (Census Bureau)

138 "Spells Without Health Insurance: What Affects Spell Durations and Who are the Chronically Uninsured?," T. MCBRIDE and K. SWARTZ (The Urban Institute)

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)

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)

141 "Trends in Income and Wealth of the Elderly in the 1980's," P. RYSCAVAGE (Census Bureau)

142 "The Impact of Survey and Questionnaire Design on Longitudinal Labor Force Measures," A. MARTINI (Mathematica Policy Research) and P. RYSCAVAGE (Census Bureau)

143 "Using SIPP to Analyze Black-White Differences in Youth Employment," G. C. CAIN and P. M. GLEASON (University of Wisconsin)

144 "A Random-Effects Approach to Attrition Bias in the SIPP Health Insurance Data,"
J. A. KLERMAN (The Rand Corporation)

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)

146 "Job-Exits and Job-to-Job Transitions in the United States: An Empirical Analysis Using SIPP," T. J. DEVINE (Pennsylvania State University)

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)
(9108) 148 "The Survey of Income and Program Participation as a Source of Data on Children and Families: A Comparison of Estimates Derived from SIPP with Estimates from Other Sources," C. WINQUIST NORD and A. RHOADS (Child Trends, Inc.)
(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)
"Who Helps Whom in Older Parent-Child Families," A. SPEARE, JR. (Population Studies and Training Center) R. AVERY (Brown University)
(9203) 164 "Testing Alternative Household Roster Questions for the Survey of Income and Program Participation," D. CANTOR and C. EDWARDS
"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)

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)

167 "The Survey of Income and Program Participation in the 1990's," D. H. WEINBERG and R. J. PETRONI (Census Bureau)

168 "A Statistical Profile of At-Risk Children in the United States," C. WINQUIST NORD and A. RHOADS (Child Trends, Inc.)

169 "Social Security Earnings of Wives Relative to Their Husbands: A Cohort Analysis", H. M. IAMS (Social Security Administration)

170 "Private Health Insurance and the Utilization of Medical Care by the Elderly, V. WILCOX-GOK and J. RUBIN

171 "Analyzing Spells of Program Participation in the SIPP," G. KALTON, D. P. MILLER, AND J. LEPKOWSKI

172 "Time in Panel Effects in the SIPP," G. KALTON, J. M. LEPKOWSI, S. G. PENNELL, D. P. MILLER AND E. LUIS.

173 "Multiple Program Use in a Dynamic Context: Data from the SIPP," R. M. BLANK (Northwestern University) and P. RUGGLES (The Urban Institute)

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)

175 "Variance Estimation by User of SIPP Micro-Data Files," R. P. CHAKRABARTY (Census Bureau)

176 "Measurements of Job Exits: What Difference Does Ambiguity Make?," T. J. DEVINE (Pennsylvania State University)

177 "The Seasonality of Moving: An Analysis of Data from the Survey of Income and Program Participation," D. DEARE (Census Bureau)

178 "The Quality of Census Bureau Survey Data Among Respondents with High Income," C. T. NELSON (Census Bureau)
"Modeling Food Stamp Participation in the Presence of Reporting Errors," C. R. BOLLINGER and M. DAVID (University of Wisconsin)
180 "The Seam Effect in SIPP's Labor Force Data: Did the Recession Make it Worse?,"
P. RYSCAVAGE (Census Bureau)
181 "Where's Papa? Fathers' Role in Child Care" M. O'CONNELL (Census Bureau)
182 "Effectiveness of Oversampling Low Income Households in the Survey of Income and
Program Participation" T. ALLEN, R. PETRONI and R. SINGH
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)
184 "The Earned Income Tax Credit: Participation, Compliance, and Antipoverty Effectiveness,"
J. K. SCHOLZ (University of Wisconsin-Madison)
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)
186 "Cross-Sectional Imputation and Longitudinal Editing Procedures in the Survey of Income
and Program Participation," S. G. PENNELL (The University of Michigan)
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
188 "Are College-Educated Young Persons Finding Good Jobs? A Look at Some of the
Evidence" P. RYSCAVAGE (Census Bureau)
189 "A Comparison of Attrition in the Panel Study of Income Dynamics and the Survey of
Income and Program Participation," J. E. ZABEL
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
191 "An Analysis of Attrition in the PSID and SIPP with an Application to a Model of Labor
Market Behavior," J. E. ZABEL
192 "Mover Nonresponse Adjustment Research for the Survey of Income and Program
Participation," T. M. ALLEN and R. J. PETRONI
193 "Use of Administrative Data in SIPP Longitudinal Estimation," S. M. DORINSKI and
H. HUANG
"Longitudinal Imputation of SIPP Food Stamp Benefits," A. TREMBLAY
195 "Testing a New Attrition Nonresponse Adjustment Method for SIPP," R. E. FOLSOM and
M. B. WITT
"Oversampling in Panel Surveys," R. SINGH, R. J. PETRONI and T. M. ALLEN (U.S. Bureau
of the Census)

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(9409) 197 "An Experiment to Reduce Measurement Error in the SIPP: Preliminary Results," K. H. MARQUIS, J. C. MOORE and K. BOGEN (Census Bureau)
(9410) 198 "Changing Social Security Survivorship Benefits and the Poverty of Widows,"
M. D. HURD (State University of New York and D. A. WISE (Harvard University)
(9411) 199 "Weighting Schemes for Household Panel Surveys," G. KALTON and J. M. BRICK (Westat, Inc.)
(9412) 200 "Weighting Adjustments for Panel Nonresponse in the SIPP," L. RIZZO, G. KALTON and J. M. BRICK (Westat, Inc.)

201 "Overview of SIPP Nonresponse Research Data," S. MACK and R. PETRONI (Census Bureau)

202 "Regression Weighting Methods for SIPP Data," A. B. AN, F. J. BREIDT and W. A. FULLER (Iowa State University)

203 "The Redesign of the SIPP," V. J. HUGGINS and D. P. FISCHER (Census Bureau)

204 "Adjusting for Attrition in Event History Analysis," D. H. HILL (Survey Research Institute, University of Toledo)
(9502) 205 "Regression Adjustment for Nonresponse," A. B. AN and W. A. FULLER (lowa State University)
(9503) 206 "Nonresponse Research Plans for the Survey of Income and Program Participation," S. P. MACK and P. J. WAITE (Census Bureau)

207 "Income Poverty Times Series Data from the Survey of Income and Program Participation," V. J. HUGGINS and F. WINTERS (Census Bureau)
"Longitudinal Imputation of SIPP Food Stamp Benefits," A. TREMBLAY (Census Bureau)
"Continuing Research on Use of Administrative Data in SIPP Longitudinal Estimation," S. M. DORINSKI (Census Bureau)
(9507) 210 "Overview of Redesign Methodology for the Survey of Income and Program Participation," P. H. SIEGEL and S. P. MACK (Census Bureau)
(9508) 211 "Research on Characteristics of Survey of Income and Program Participation Nonrespondents Using IRS Data," M. R. HENDRICK, K. E. KING and J. B. BIENIAS (Census Bureau)

212 "The SIPP Cognitive Research Evaluation Experiment: Basic Results and Documentation," J. C. MOORE, K. H. MARQUIS and K. BOGEN (Census Bureau)

213 "The Effects of Special Saving Programs on Saving and Wealth," J. M. POTERBA, S. F. VENTI and D.A. WISE (National Bureau of Economic Research)

| 214 | "Past is Prologue: Simulating Lifetime Social Security Earnings for the Twenty-First |
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| Century," H. M. IAMS and S. H. SANDELL (Office of Research \& Statistics, Social Security |  |
| Administration) |  | "Evaluating the Quality of Income Data Collected in the Annual Supplement to the March

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234 "The Survey of Income and Program Participation (SIPP) Methods Panel Improving Income Measurement," PAT DOYLE, BETSY MARTIN, and JEFF MOORE

235 "Social Security Benefit Reporting in the Survey of Income and Program Participation and in Social Security Administration Records," JANICE A. OLSON
"Food Stamp Receipt: Those Who Left Versus Those Who Stayed in a Time of Welfare Reform, " JOHN J. HISNANICK, and KATHRINE G. WALKER
"Home Equity, Wealth, and Financial Assets of U.S. Households in 1995," JOSEPH M. ANDERSON
"The Assessment of Survey of Income and Program Participation (SIPP) Benefit Data Using Longitudinal Administrative Records," MINH HUYNH, KALMAN RUPP, and JAMES SEARS
"Type of OASDI Benefit and Year of Death based on an Exact Match to Social Security Administration Benefit Records, 1990 and 1991 Panels of the Survey of Income and Program Participation (SIPP): Description of the Development of the Data for Public Release and a Preliminary Evaluation of Data Quality," DENTON R. VAUGHAN
"Using the Survey of Income and Program Participation for Policy Analysis," DANIEL H. WEINBERG
"AAPOR Roundtable: Improving Income Measurement," PAT DOYLE
"Longitudinal Attrition in Survey of Income and Program Participation (SIPP) and Survey of Program Dynamics (SPD)," DENTON VAUGHAN

## APPENDIX D

## User Notes

This section is reserved for any information relevant to the SIPP, 2001 Panel Wave 2 Core Microdata 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.


[^0]:    ${ }^{2}$ Use the "Total or White Other Person Items" parameters for (1) tabulations of people aged $0+$ in labor force, (2) retirement tabulations, (3) tabulations of Combined who are: aged $0+$ in program participation, benefits, and income, and (4) tabulation of characteristics not specifically specified in this table, for the total or white population.

[^1]:    ${ }^{3}$ The number of available rotation months for a given estimate is the sum of the number of rotations available for each month of the estimates.

[^2]:    | 0 | 0 | 0 | 0 |
    | ---: | ---: | ---: | ---: |
    | 3 | 4 | 4 | 14 |
    | 0 | 0 | 0 | 0 |
    | 0 | 0 | 0 | 0 |
    | 0 | 0 | 0 | 0 |
    |  | 1739 | 1370 | 1669 |

[^3]:    125
    0
    0
    0
    722
    0
    32
    0
    0
    0
    512

[^4]:    End of the Coverage Section

[^5]:    End of the Demographic Section

[^6]:    End of the Labor Force - Part 1 Section

[^7]:    End of the Education Section

