Survey of Income and Program Participation (SIPP)
1990 Panel
Wave 6 Topical Module Microdata File

TECHNICAL DOCUMENTATION

SIPP-90-6T

SURVEY OF INCOME AND PROGRAM PARTICIPATION (SIPP)

1990 PANEL

WAVE 6 TOPICAL MODULE MICRODATA FILE

Technical Documentation

Washington, D.C.

1993

U.S. DEPARTMENT OF COMMERCE

Ronald H. Brown, Secretary

John Rollwagen, Deputy Secretary

Economic and Statistics Administration
Jeffrey L. Mayer, Acting Under Secretary
for Economic Affairs

Bureau Of The Census
Dr. Harry A. Scarr, Acting Director

BUREAU OF THE CENSUS

Dr. Harry A. Scarr, Acting Director

DATA USER SERVICES DIVISION

Marshall L. Turner, Jr., Chief
Marie G. Argana, Assistant Chief
for User Services

ACKNOWLEDGMENTS

This technical documentation was prepared within the Data Access and Use Staff, under the direction of Deborah Barrett, Chief, and Patricia Fuellhart, Chief of its Technical Information Section. Genny Burns was coordinator for this file. Clerical support was provided by Virginia Collins and Barbara Shugart. David Nguyen of the Demographic Surveys Division provided the unformated data dictionary file.

* *

The **file** should be cited as follows:

> *Survey of Income and Program Participation (SIPP) 1990 Panel, Wave 6 Topical Module Microdata File* [machine-readable data file] / prepared by the Bureau of the Census. –Washington: The Bureau [producer and distributor], 1993.

The **technical documentation** should be cited as follows:

> *Survey of Income and Program Participation (SIPP) 1990 Panel, Wave 6 Topical Module Microdata File Technical Documentation* / prepared by the Data User Services Division, Bureau of the Census. –Washington: The Bureau, 1993.

* *

For additional information concerning the **file**, contact Data User Services Division, Customer Services (Order Desk), Bureau of the Census, Washington, D.C. 20233. Phone: (301) 763-4100.

For additional information concerning the **technical documentation**, contact Data User Services Division, Data Access and Use Staff, Bureau of the Census, Washington, D.C. 20233. Phone: (301) 763-2074.

For additional information concerning the **questionnaire content**, contact Enrique Lamas (763-8578) in Housing and Household Economics Statistics Division, Bureau of the Census, Washington, D.C. 20233.

UPDATE INFORMATION

Additional information concerning this file may be available at a later date. If you have purchased this technical documentation (with or without tape purchase) from the Census Bureau and wish to receive these User Notes, please complete the coupon below and return it to:

Data User Services Division
Data Access and Use Staff
Bureau of the Census
Washington, D.C. 20233

* *

Name of File: **Survey of Income and Program Participation (SIPP) 1990 Wave 6 Microdata File** (Topical Module)

Please send me any information that becomes available later concerning the file listed.

Name:

Address:

Phone:

TABLE OF CONTENTS

SURVEY OF INCOME AND PROGRAM PARTICIPATION (SIPP)
1990 PANEL
WAVE 6 TOPICAL MODULE MICRODATA FILE

ABSTRACT

Survey of Income and Program Participation (SIPP) 1990 Panel, Wave 6 Topical Module Microdata File [machine-readable data file] / conducted by the U.S. Bureau of the Census. –Washington: The Bureau [producer and distributor], 1993.

Type of File:

Microdata; unit of observation is an individual.

Universe Description:

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

Subject-Matter Description:

The file contains data primarily from the topical module portion of the questionnaire. However, for purposes of matching persons to the core file, which was released separately, the beginning of the file contains identifying information as well as some basic demographic and social characteristics that are also contained in the core file. The identifying information includes sample unit, household address, and entry address identification. Demographic and social characteristics include age, sex, race (White; Black; American Indian, Eskimo, and Aleut; Asian or Pacific Islander; and Other), ethnic origin (23 categories including 7 Spanish origin categories), marital status, and education. Data in this topical module file include time spent outside the work force, child care, child support agreements, support for nonhousehold members, functional limitations and disability, and utilization of health care services.

The sample consists of 4 rotation groups, each interviewed in a different month from October 1991 to January 1992. 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 7 interviews or "waves." This file contains the results of the sixth 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 41 individual States and the District of Columbia, **although the sample was not designed to produce State estimates**. Areas in the SIPP sample in nine other States are identified in three groups for confidentiality reasons. The file identifies a subsample of metropolitan residents, along with codes for selected metropolitan statistical areas (MSA's) and consolidated metropolitan statistical areas (CMSA'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.

File Size: 35,712 logical records; 860 character logical record length.

File Sort Sequence of Sample Units: Sampling unit identification number by entry address ID and person number within sampling unit.

Reference Materials:

Survey of Income and Program Participation (SIPP) 1990 Panel, Wave 6 Topical Module Microdata File Technical Documentation. The documentation includes this abstract, the data dictionary, an index to the data dictionary, relevant code lists, a questionnaire facsimile, and general information relative to SIPP. One copy of the technical documentation accompanies each file order but also may be purchased separately for $25 from Data User Services Division, Customer Services, Bureau of the Census,Washington, D.C. 20233.

Interviewers' Manual (1985). Survey of Income and Program Participation. U.S. Department of Commerce, Bureau of the Census. The manual is available for $10 from Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233.

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. A single copy accompanies each technical documentation or tape order. Additional copies are available for $15 each from Customer Services, Data User Services Division, Bureau of the Census, Washington, D.C. 20233.

Related Printed Reports:

Related printed reports include working papers, compilations of papers presented at annual meetings of the American Statistical Association, articles appearing in the *Journal of Economic and Social Measurement*, and reports in the P-70 series of the Current Population Reports. See the *Users' Guide* that accompanies the documentation for ordering information.

Related Machine-Readable Data Files:

SIPP files from all Waves of the 1984 through 1988 Panels as well as Waves 1 through 7 (core only for Wave 7) of the 1990 Panel and 1991 Waves 1 through 4 (core only except Wave 2).

File Availability:

The price of this file is $175, at either 6250 or 1600 bpi; ASCII or EBCDIC, labeled or unlabeled. The files are also available on tape cartridges (IBM 3480 compatible) for the same price. A machine-readable dictionary is contained at the end of the file. This dictionary is also available separately on one tape reel for $175. When ordering, please use the order form on the following page.

Census Bureau Order Forms

*0003

PUBLICATIONS — *Use only if not in stock at the Government Printing Office (GPO).*

Please Type or Print. (Form is aligned for typewriter use.) Prices include regular domestic postage and handling. International customers please add 25%.

Qty.	Series number	Title	Price each	Total price
		Total for publications		

(Company or personal name) (Please type or print)

(Additional address/attention line)

(Street address)

(City, State, ZIP Code)

( )
(Daytime phone including area code) (Date)

Please Choose Method of Payment:

☐ Check payable to **Superintendent of Documents**

Mail To: Bureau of the Census, DPD—Publications Unit, 1201 E. Tenth St., Jeffersonville, IN 47132

☐ GPO deposit account ☐☐☐☐☐☐☐–☐

Mail To: Customer Services, Bureau of the Census, Washington, DC 20233-8300
[or call 301-763-4100; fax 301-763-4794]

*0004

ELECTRONIC MEDIA, MICROFICHE, DOCUMENTATION, AND OTHER – ***Use for computer tape (TAPE), computer tape cartridge (CART), technical documentation (TD), compact disc—read-only memory (CD-ROM), diskette (DISK), microfiche (FICHE), or paper reproductions — "blowbacks" (BB).***

Charge your order. It's easy!

P3

To fax your orders 301-763-4794

Please Type or Print. (Form is aligned for typewriter use.) All prices include regular domestic postage and handling. International customers, please add 25%.

Qty.	Media (See abbrev. above)	Title	Price each	Total price
		Total for products listed (minimum order: $10)		

COMPUTER TAPE INSTRUCTIONS

Characteristics of 9-Track Tape Reels:

☐ 6250 bpi, EBCDIC ☐ 1600 bpi, EBCDIC
☐ 6250 bpi, ASCII ☐ 1600 bpi, ASCII

Labeling: ☐ Standard ☐ Unlabeled

Maximum block size (if less than 32K bytes)? ____________

Characteristics of IBM 3480-Compatible Tape Cartridges:

Language: ☐ EBCDIC ☐ ASCII

Labeling: ☐ Standard ☐ Unlabeled

Maximum block size (if less than 32K bytes)? ____________

(Company or personal name) (Please type or print)

(Additional address/attention line)

(Street address)

(City, State, ZIP Code)

( )
(Daytime phone including area code) (Date)

Please Choose Method of Payment:

☐ Check payable to **Commerce—Census**

☐ Census deposit account 9☐☐☐

☐ VISA or MasterCard Account

☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐

(Name on card) Expiration date

(Signature)

Mail to: Customer Services, Bureau of the Census, Washington, DC 20233-8300; 301-763-4100.
To fax your orders and inquiries—301-763-4794

POF 780 6/92
Supersedes POF 750

Superintendent of Documents **Publications** Order Form

Order Processing Code:
* **6150**

Charge your order. It's Easy! MasterCard VISA

Please Type or Print (Form is aligned for typewriter use.)

To fax your orders (202) 512–2250

Prices include regular domestic postage and handling and are subject to change. International customers please add 25%.

Qty.	Stock Number	Title	Price Each	Total Price
			Total	

(Company or Personal Name) (Please type or print)

(Additional address/attention line)

(Street address)

(City, State, ZIP Code)

(Daytime phone including area code)

(Purchase Order No.)

Please Choose Method of Payment:

- ☐ Check Payable to the Superintendent of Documents
- ☐ GPO Deposit Account ☐☐☐☐☐☐☐ – ☐
- ☐ VISA or MasterCard Account

☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐

☐☐☐☐ (Credit card expiration date)

Thank you for your order!

(Authorizing Signature)

Mail To: New Orders, Superintendent of Documents
P.O. Box 371954, Pittsburgh, PA 15250–7954

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. The current SIPP files contain all four months of data on a single record.

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 (ESR). The ESR variable defines monthly labor force participation in eight categories. Weekly labor force data are recoded into a similar employment status variable. This section also carries a set of income recodes for total income, earnings, property income, means-tested cash transfers, and other income.

Data on jobs held follow the labor force participation data, and some editing is needed to adequately present these data. Currently SIPP carries space for two wage and salary jobs and two self-employment jobs for each individual. This is done because it is possible for a person to have more than one job during the four month period. For example, anyone who changes employer during the reference period is considered to have two jobs during the four months. It is also possible for a person to hold two jobs simultaneously (dual job holders). The difficulty that arises from this is that there is no simple way to distinguish job 1 from job 2. For some respondents it represents a change in employer and job 1 covers the first two months of the reference period and job 2 the last two months. For others, both jobs are held simultaneously. For still others, the two jobs are held simultaneously for a brief period of transition from one to the other. Each interviewer is instructed about which job to list as job 1 and job 2; however, no edit is performed to make sure those rules are followed. In addition, the instructions give the interviewer a choice of listing first the job lasting the longest or the job earning the most money.

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

Data on each of the 35 sources of other income collected in SIPP follow the data on self-employment. This section contains a single field for each income source, and imputation flags that show that an amount was imputed.

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

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

Geographic Coverage

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

Identification Number System

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

The various components of the identification scheme are listed below:

Sample Unit Identification Number
Address ID
Entry Address ID
Person Number

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

The two-digit address ID code identifies each household associated with the same sample unit identification number. The first digit of the address ID code indicates the wave in which that address was first assigned for interview. The second digit sequentially numbers multiple households that have the same serial number. The address ID code is 11 for all sample addresses that are the same as 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 $100,000 are revealed. While the data dictionary indicates a topcode of $33,332 for monthly income, this topcode will rarely be used. In most cases the monthly income is shown as an individual dollar amount of $8,333, with $8,333 actually representing "$8,333 or more." (the $100,000 annual income topcode is $8,333 multiplied by 12 months). Individual monthly amounts above $8333 may occasionally be shown if the respondent's income varied considerably from month to month, as long as the average does not exceed $8,333. 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 $33,332 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 $100,000, 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 $8,333, 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. The major sources of means-tested cash and noncash assistance are shown in Appendix B-2.

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.

Cash income includes all income received from any of the sources listed in Appendix B-1. Rebates, refunds, loans, and capital gain or loss amounts from the sale of assets, and interhousehold transfers of cash such as allowances are not included. Accrued interest on Individual Retirement Accounts, KEOUGH retirement plans. and U.S. Savings bonds are also excluded. This definition differs somewhat from that used in the annual income reports based on the March CPS Income supplement questionnaire. These data, published in the Consumer Income Series, P-6O, are based only on income received in a regular or periodic manner and, therefore, exclude lump-sum or one-time payments such as inheritances and insurance settlements. The March CPS income definition, however, does exclude the same income sources excluded by SIPP.

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

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

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

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

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

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

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

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

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

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

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

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 1990 WAVE 6 TOPICAL MODULE

ALPHABETICAL VARIABLE LISTING TO 1990 WAVE 6 TOPICAL MODULE

Mnemonic	Item	Position
TM8462	Child Support Agreement For Non-Custodial Parent To Pay Medical Costs Directly	253
TM8462	Non-Custodial Parent To Pay Medical Cost Directly According to Agreement	253
TM8464	Cash Medical Child Support Included In Child Support Payments	254
TM8464	Child Support Agreement For Payments To Include Cash Medical Support	254
TM8466	Child Support Agreement Includes No Provisions For Health Care Costs	255
TM8466	Health Care Costs Not Included In Child Support Agreement	255
TM8468	Child Support Agreement Includes Other Provisions For Health Care	256
TM8468	Health Care Costs Included In Other Provisions Of Child Support Agreement	256
TM8470	Physical Custody Arrangement, Type Of	257
TM8472	Visitation Arrangement Specified in Child Support Agreement	258
TM8474	Check Item T3 - Child Support Agreement Covers More Than One Child	259
TM8474	Child Support Agreement Covers More Than One Child - Check Item T3	259
TM8476	Visit With Other Parent About Same Number of Days in Last 12 Months	260
TM8478	Visit With Other Parent - Number of Days	261
TM8480	Visit With Other Parent - Number of Weeks	264
TM8482	Visit With Other Parent - Number of Months	266
TM8484	Visit With Other Parent - None	268
TM8486	Visit With Other Parent - Don't Know Total Amount Of Time	270
TM8488	Residence Of Other Parent For Child Support Agreement	272
TM8490	Contact Method For Other Parent In Child Support Agreement	274
TM8492	Check Item T4 - Children In Household Not Covered By Most Recent Agreement	275
TM8492	Children Living In This Household Not Covered By Most Recent Agreement	275
TM8494	Child Support Agreement Other Than One Discussed	276
TM8496	Child Support Agreements, Number Of	277
TM8498	Child Support Agreement, Type Of	278
TM8500	Child Support Agreement For Which Children Living Here - First	279
TM8502	Child Support Agreement For Which Children Living Here - Second	282
TM8504	Child Support Agreement For Which Children Living Here - Third	285
TM8506	Child Support Payment Agreement Amount Per Week	288
TM8508	Child Support Payment Agreement Amount Weekly	294
TM8510	Child Support Payment Agreement Amount Per Month	300
TM8512	Child Support Payment Agreement Amount Per Year	306
TM8513	Child Support Payment Agreement Amount - Don't Know Or None	312
TM8516	Child Support Payment Amount Actually Received Under Agreement	314
TM8518	Residence Of Other Parent For Child Support Agreement	320
TM8520	Public Agency Contacted For Help In Obtaining Child Support	322
TM8522	Public Agency Contacted For Help In Obtaining Child Support In What Year	323
TM8524	Public Agency Contacted For Help In Locating Other Parent For Child Support	327
TM8526	Public Agency Contacted For Help In Establishing Paternity/Maternity	328
TM8528	Public Agency Contacted For Help In Establishing Child Support Obligation	329
TM8530	Public Agency Contacted For Help In Establishing Medical Child Support	330
TM8532	Public Agency Contacted For Help In Enforcing Child Support Order	331
TM8534	Public Agency Contacted For Help In Modifying A Child Support Agreement Order	332
TM8536	Public Agency Contacted For Help In Other Areas	333
TM8538	Public Agency Provided Assistance	334
TM8540	Public Agency Provided Assistance In Locating Other Parent	335
TM8542	Public Agency Provided Assistance In Establishing Paternity/Maternity	336
TM8544	Public Agency Provided Assistance In Establishing Child Support Obligation	337
TM8546	Public Agency Provided Assistance In Establishing Medical Child Support	338
TM8548	Public Agency Provided Assistance In Enforcing Child Support Order	339
TM8550	Public Agency Provided Assistance In Modifying A Child Support Agreement Order	340
TM8552	Public Agency Provided Assistance In Other Areas	341
TM8554	Child Support Agreement Covers All Children In Household	342
TM8556	Children Living In Household With Support Award From Absent Parent, Number of	343

Mnemonic	Item	Position
TM8558	Children Without A Child Support Award With Same Absent Parent	345
TM8560	Child Support Payment Not Awarded - Person Number of Youngest Child	346
TM8562	Child Support Payment Not Awarded - Person Number of Oldest Child	349
TM8564	Child Support Payment Not Awarded Paternity Not Established - Youngest	352
TM8566	Child Support Payment Not Awarded Paternity Not Established - Oldest	353
TM8568	Child Support Payment Not Awarded Unable To Locate Parent - Youngest	354
TM8570	Child Support Payment Not Awarded Unable To Locate Parent - Oldest	355
TM8572	Child Support Payment Not Awarded Father Unable To Pay - Youngest	356
TM8574	Child Support Payment Not Awarded Father Unable To Pay - Oldest	357
TM8576	Child Support Payment Not Awarded Final Agreement Pending - Youngest	358
TM8578	Child Support Payment Not Awarded Final Agreement Pending - Oldest	359
TM8580	Child Support Not Awarded - Property Settlement Accepted - Youngest	360
TM8582	Child Support Not Awarded - Property Settlement Accepted - Oldest	361
TM8584	Child Support Payment Not Wanted - Youngest Child	362
TM8586	Child Support Payment Not Wanted - Oldest Child	363
TM8588	Child Support Payment Not Pursued - Youngest Child	364
TM8590	Child Support Payment Not Pursued - Oldest Child	365
TM8592	Child Support Payment Not Awarded For Other Reasons - Youngest Child	366
TM8594	Child Support Payments Not Awarded For Other Reasons - Oldest Child	367
TM8596	Other Parent Now Lives In Same County/City - Youngest Child	368
TM8598	Other Parent Now Lives In Same County/City - Oldest Child	369
TM8600	Other Parent Now Lives In Same State (Different County/City) - Youngest Child	370
TM8602	Other Parent Now Lives In Same State (Different County/City) - Oldest Child	371
TM8604	Other Parent Now Lives In Different State - Youngest Child	372
TM8606	Other Parent Now Lives In Different State - Oldest Child	373
TM8608	Other Parent Deceased - Youngest Child	374
TM8610	Other Parent Deceased - Oldest Child	375
TM8612	Other Parent Lives In Other Area - Youngest Child	376
TM8614	Other Parent Lives In Other Area - Oldest Child	378
TM8616	Contact With Other Parent For Youngest Child, Method Of	380
TM8618	Contact With Other Parent For Oldest Child, Method Of	381
TM8620	Child Support Payments Received Without Written Agreement	382
TM8622	Child Support Payments Received Without Written Agreement, Amount of	383
TM8624	Child Support Received As Non-Cash Items Or Services	389
TM8700	Support Payment For Nonhousehold Members, Existence Of	437
TM8702	Support Payment For Nonhousehold Members, Type Of	438
TM8704	Support Payment For Nonhousehold Members Under 21 Years Of Age	439
TM8706	Support Payment For How Many Children Who Are Nonhousehold Members	441
TM8708	Support Payment For Nonhousehold Members A Result of Court Order	443
TM8710	Support Payment For Nonhousehold Members - Number of Children Covered	444
TM8712	Support Payment Agreement For Nonhousehold Members, Type Of	446
TM8714	Support Payment Agreement For Nonhousehold Member Reached In What Year	447
TM8716	Support Payment Agreement Dollar Amount Ever Changed	451
TM8718	Support Payment Agreement Dollar Amount Changed In What Year	453
TM8720	Support Payment Agreement For Nonhousehold Member Still In Effect	457
TM8722	Support Payment For Nonhousehold Member, Amount Of	458
TM8724	Support Payment For Nonhousehold Member, Method Of	464
TM8726	Non-Custodial Parent To Provide Health Insurance For Nonhousehold Member	466
TM8728	Custodial Parent To Provide Health Insurance For Nonhousehold Member	467
TM8730	Non-Custodial Parent To Pay Medical Costs Directly For Nonhousehold Member	468
TM8732	Child Support For Nonhousehold Member To Include Cash Medical Support	469
TM8734	Support For Nonhousehold Members Includes Other Type of Medical Care	470
TM8736	Support For Nonhousehold Members Includes No Medical Care Costs	471
TM8738	Child Support Agreement For Nonhousehold Member, Other	473

Mnemonic	Item	Position
TM8740	Child Support For Nonhousehold Member Paid Under Other Agreement	474
TM8742	Child Support For Nonhousehold Member Made Without Written Agreement	480
TM8744	Child Support For Nonhousehold Member Made Without Agreement, Amount Of	481
TM8746	Regular Payments Made For Any Other Person Not Living In Household	487
TM8748	Support Payments Made For How Many Persons	488
TM8750	Relationship To Person For Whom Support Payments Are Made - First Person	490
TM8752	Relationship To Person For Whom Support Payments Are Made - Second Person	491
TM8754	Residence of Person For Whom Support Payments Are Made - First Person	492
TM8756	Residence Of Person For Whom Support Payments Are Made - Second Person	493
TM8758	Support Payments For Nonhousehold Member, Amount Of - First Person	494
TM8760	Support Payments For Nonhousehold Member, Amount Of - Second Person	500
TM8762	Check Item T6 For Control Card Item 5B	506
TM8764	Support For Other Nonhousehold Persons Not Already Talked About	507
TM8800	Health Condition In General	541
TM8802	Cane, Crutches, Or Walker Used To Get Around	542
TM8804	Wheelchair Used To Get Around	543
TM8806	Check Item T7 - Aid Used In Getting Around	544
TM8808	Aid Used In Getting Around For 6 Months Or More	545
TM8810	Sight - Difficulty Seeing Newspaper Print When Wearing Glasses Or Contacts	546
TM8812	Sight - Able To See Words And Letters In Ordinary Newspaper	547
TM8814	Hearing - Difficulty Hearing Normal Conversation With Hearing Aid	548
TM8816	Hearing - Able To Hear What Is Said In Normal Conversation	549
TM8818	Speech - Understanding Difficulties	550
TM8820	Speech - Able To Have Speech Understood	551
TM8822	Lifting and Carrying Difficulties	552
TM8824	Lift and Carry As Much As 10 Pounds	553
TM8826	Walking Up Flight Of Stairs Without Rest - Difficulty	554
TM8828	Walking Up Flight Of Stairs Without Rest - Ability	555
TM8830	Walking Quarter Of Mile - Difficulty	556
TM8832	Walking Quarter Of Mile - Ability	557
TM8834	Telephone Usage - Difficulty	558
TM8836	Telephone Usage - Ability	559
TM8838	Getting Around Inside The House - Difficulty	560
TM8839	Assistance Needed for Getting Around Inside the House	561
TM8840	Getting Around Outside The House - Difficulty	562
TM8841	Assistance Needed for Getting Around Outside the Home	563
TM8842	Getting Into and Out of Bed or a Chair - Difficulty	564
TM8843	Assistance Needed for Getting In and Out of Bed or a Chair	565
TM8844	Bath or Shower - Difficulty	566
TM8845	Assistance Needed Taking a Bath	567
TM8846	Dressing - Difficulty	568
TM8847	Assistance Needed to Get Dressed	569
TM8848	Walking - Difficulty	570
TM8849	Assistance Needed for Walking	571
TM8850	Eating - Difficulty	572
TM8851	Assistance Needing With Eating	573
TM8852	Toilet - Difficulty With Using	574
TM8853	Assistance Needed Using the Toilet	575
TM8854	Keeping Track of Money or Bills - Difficulty	576
TM8855	Assistance Needed With Keeping Track of Money and Bills	577
TM8856	Meal Preparation - Difficulty	578
TM8857	Assistance With Meal Preparation	579
TM8858	Housework Such as Washing Dishes or Sweeping Floor - Difficulty	580
TM8859	Assistance With Light Housework	581

Mnemonic	Item	Position
TM8860	Check Item T8 - Needing Another Person to Help With Activities	582
TM8876	Needs Help With One or More Activities - First Helper	583
TM8878	Needs Help With One or More Activities - Second Helper	584
TM8880	Receives Help From Household Member - First Helper	585
TM8882	Receives Help From Household Member - Second Helper	586
TM8883	Receives Help From Household Member - Person Number Of First Helper	587
TM8884	Receives Help From Household Member - Person Number Of Second Helper	590
TM8885	Receives Help From Nonhousehold Member - First Helper	593
TM8886	Receives Help From Nonhousehold Member - Second Helper	594
TM8887	Help Of Another Person Needed For Length Of Time	595
TM8887	Length Of Time Help Of Another Person Needed	595
TM8888	Family Paid For Help Received	596
TM8889	Family Paid For Help Received, Amount That	598
TM8890	Check Item T9 - Has Difficulty With Any Activity	604
TM8890	Difficulty With Any Activity - Check Item T9	604
TM8892	Condition That Caused Difficulty With Activity, First	605
TM8894	Condition That Caused Difficulty With Activity, Second	607
TM8896	Condition That Caused Difficulty With Activity, Third	609
TM8898	Check Item T10 - Conditions Caused Difficulty With Activity	611
TM8898	Conditions Caused Difficulty With Activity - Check Item T10	611
TM8900	Condition Considered Main Reason For Difficulty	612
TM8902	Disability - Learning Disability Such As Dyslexia	614
TM8904	Disability - Mental Retardation	615
TM8906	Disability - Developmental Disability Such As Autism Or Cerebral Palsy	616
TM8908	Disability - Alzheimers Disease, Senility, Or Dementia	617
TM8910	Disability - Mental Or Emotional Condition	618
TM8912	Age - Check Item T11	619
TM8912	Check Item T11 - Age	619
TM8914	Check Item T12 - Disabled Marked On Control Card	620
TM8914	Disabled Marked On Control Card - Check Item T12	620
TM8916	Check Item T13 - Disabled Marked On ISS	621
TM8916	Disabled Marked On ISS - Check Item T13	621
TM8918	Health Or Condition Limits Kind Or Amount Of Work	622
TM8920	Physical, Mental, Or Other Health Condition Which Limits Kind Or Amount Of Work	623
TM8922	Check Item T14 - Work Marked On ISS	624
TM8922	Worked Marked On ISS - Check Item T14	624
TM8924	Health Or Condition Interferes With Working At Job Or Business	625
TM8926	Physical, Mental, Or Other Health Condition Limits Amount of Work Around House	626
TM8928	Health Or Condition Completely Prevents Work Around House	627
TM8930	Check Item T15 - Health Condition Causes Limitations	628
TM8930	Health Or Condition Causes Limitations - Check Item T15	628
TM8932	Limited In Working At Job Or Around House - First Condition	629
TM8934	Limited In Working At Job Or Around House - Second Condition	631
TM8936	Limited In Working At Job Or Around House - Third Condition	633
TM8938	Check Item T16 - Conditions Causing Limitations	635
TM8938	Conditions Causing Limitations - Check Item T16	635
TM8940	Conditions Considered Main Reason For Limitation	636
TM8942	Check Item T17 - Designated Parent Or Guardian Of Children Under 6	638
TM8942	Designated Parent Or Guardian Of Children Under 6 - Check Item T17	638
TM8944	Children Under 6 With Limitations In Usual Kind Of Activities	639
TM8946	Children With Activity Limitations - First Person No.	640
TM8948	Children With Activity Limitations - Second Person No.	643
TM8950	Children With Activity Limitations - Third Person No.	646
TM8952	Children Received Therapy Or Diagnostic Services For Developmental Needs	649

Mnemonic	Item	Position
TM8954	Children Received Therapy For Developmental Needs - First Person Number	650
TM8956	Children Received Therapy For Developmental Needs - Second Person Number	653
TM8958	Children Received Therapy Designed To Meet Developmental Needs - Third Person	656
TM8960	Check Item T18 - Designated Parent Or Guardian Of Children 6-21	659
TM8960	Designated Parent Or Guardian Of Children 6-21 - Check Item T18	659
TM8962	Limitations In Ability To Do Regular School Work	660
TM8964	Children With Difficulty Doing Regular School Work - First Person Number	661
TM8966	Children With Difficulty Doing Regular School Work - Second Person Number	664
TM8968	Children With Difficulty Doing Regular School Work - Third Person Number	667
TM8970	Special Education Services Received	670
TM8972	Special Education Services Ever Received - First Person Number	671
TM8974	Special Education Services Ever Received - Second Person Number	674
TM8976	Special Education Services Ever Received - Third Person Number	677
TM8978	Special Education Services Currently Received	680
TM8980	Special Education Services Currently Received - First Person	681
TM8982	Special Education Services Currently Received - Second Person	684
TM8984	Special Education Services Currently Received - Third Person	687
TM8986	Designated Parent Of Children Between 3 And 14 - Check Item T19	690
TM8988	Condition That Limits Ability To Walk, Run, Or Use Stairs	691
TM8990	Condition That Limits Ability To Walk, Run, Or Use Stairs - First Person Number	692
TM8992	Condition That Limits Ability To Walk, Run, Or Use Stairs - Second Person Number	695
TM8994	Condition That Limits Ability To Walk, Run, Or Use Stairs - Third Person Number	698
TM8996	Person Numbers Recorded For Condition That Limits Ability - Check Item T20	701
TM8998	Difficulty With Certain Activities - First Child Person Number	702
TM9000	Difficulty With Certain Activities - First Child, First Condition	705
TM9002	Difficulty With Certain Activities - First Child, Second Condition	707
TM9004	Difficulty With Certain Activities - First Child, Third Condition	709
TM9006	Difficulty With Certain Activities - Second Child Person Number	711
TM9008	Difficulty With Certain Activities - Second Child, First Condition	714
TM9010	Difficulty With Certain Activities - Second Child, Second Condition	716
TM9012	Difficulty With Certain Activities - Second Child, Third Condition	718
TM9014	Difficulty With Certain Activities - Third Child Person Number	720
TM9016	Difficulty With Certain Activities - Third Child, First Condition	723
TM9018	Difficulty With Certain Activities - Third Child, Second Condition	725
TM9020	Difficulty With Certain Activities - Third Child, Third Condition	727
TM9022	Social Security Benefits Applied For	729
TM9024	Social Security Benefits Received	730
TM9026	Social Security Benefits Started In What Year	731
TM9100	Hospital Overnight Or Longer During Past 12 Months	809
TM9102	Hospital Overnight Or Longer, Number Of Times In	810
TM9104	Hospital Overnight Or Longer For Childbirth	812
TM9106	Hospital Overnight Or Longer For Surgery Or Operation	813
TM9108	Hospital Overnight Or Longer For Other Medical Reasons	814
TM9110	Hospital Overnight Or Longer For Mental Or Emotional Problem Or Disorder	815
TM9112	Hospital Overnight Or Longer For Drug Or Alcohol Abuse Problem Or Disorder	816
TM9114	Patient In VA Or Military Hospital	817
TM9116	Hospital Stay During Past 12 Months, Number Of Nights For	818
TM9118	Hospital Stay During Past 4 Months	819
TM9120	Illness Or Injury, Number Of Days In Bed For	822
TM9122	Medical Doctor Visit During Past 12 Months, Number Of Times For	825
TM9124	Medical Doctor Visits During Past 4 Months, Number Of	828
TM9126	Medical Visits Within Past 4 Months	830
TM9127	Dental Visits, Number of	832
TM9128	Dental Visits Within Last 4 Months	834

Mnemonic	Item	Position
TM9129	Medical Facility, Particular	836
TM9130	Medical Facility Usually Attended	837
TM9132	Health Insurance Plan Coverage - Check Item T21	839
TM9134	Medicare or Medicaid Marked on ISS - Check Item T21	840
TM9136	Health Insurance, Not Covered By	841
TM9138	Health Insurance, Reason Not Covered By	842
WAVE	Wave Number Within Panel	60

HOW TO USE THE DATA DICTIONARY

The Data Dictionary describes the contents and record layout of the public-use computer tape file. The first line of each data item description gives the data name, size of the data field, and the begin position of the field.

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. Comments should be removed from the machine-readable version of the data dictionary before using it to help access the data file.

Data. Alphabetic, numeric, and the special character (-). No other special characters are used. It may be a mnemonic such as "STATE" or "SE1-OCC", or a sequential identifier such as "SC1176" or "WS-IMP01". Data item names are unique throughout the entire file.

Size. Numeric. The size of a data item is given in characters. Indication of implied decimal places is provided in notes.

Begin. Numeric. Contains the location in the data record of the first character position of the data item field.

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, relative begin and begin position of each data item. This information (in machine-readable form) can be used to help access the data file. 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 SC1218     1  2805
   What was the main reason ... could
   not take a job during those weeks
U Persons 15 years old or older
V        0 .Not in universe
V        1 .Already had a job
V        2 .Temporary illness
V        3 .School
V        4 .Other

D RR3064     2  3760
   Railroad retirement sends out two types
   of checks; which color check does ...
   receive.
U Persons age 15 years or older receiving
  railroad retirement
V       -1 .DK
V       00 .Not in universe
V       01 .Blue
V       02 .Buff
V       03 .Direct deposit
V       04 .Other
```

```
DATA        SIZE  BEGIN REP LENGTH

D SUSEQNUM    5      1
     Sequence number of sample unit
     Primary sort key
U All persons

D ID          9      6
     Sample unit identifier
     This identifier is created by scrambling
     together the PSU, segment and serial of
     the original sample address. It may be
     used in matching sample units from
     different waves.
     Range = (000000000:999999999)
U All persons

D ROTATION    1      15
     Rotation
     Range = (1:4)
U All persons

D STATE       2      16
     FIPS state code from the MST/GRIN file
U All persons
          01 .Alabama
          04 .Arizona
          05 .Arkansas
          06 .California
          08 .Colorado
          09 .Connecticut
          10 .Delaware
          11 .District Of Columbia
          12 .Florida
          13 .Georgia
          15 .Hawaii
          17 .Illinois
          18 .Indiana
          20 .Kansas
          21 .Kentucky
          22 .Louisiana
          24 .Maryland
          25 .Massachusetts
          26 .Michigan
          27 .Minnesota
          28 .Mississippi
          29 .Missouri
          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 .Iowa, North Dakota, South Dakota
          63 .Alaska, Idaho, Montana, Wyoming

DATA        SIZE  BEGIN REP LENGTH

D PINX        2      18
     Person index from core

D ADDID       2      20
     Address ID - This field differentiates
     households within the same PSU, segment
     and serial, that is, households which
     originate out of an original sample
     household
U All households

D ITEM36B     2      22
     Control card item 36B -
     interview status code
U All households
V         01 .Interviewed
V            .Type A noninterview
V         02 .No one home
V         03 .Temporarily absent
V         04 .Refused
V         05 .Unable to locate
V         06 .Other Type A
V            .Type B noninterview (Wave 1)
V         09 .Vacant
V         10 .Occupied by persons with URE
V         11 .Unfit or to be demolished
V         12 .Under construction, not ready
V         13 .Converted to temporary business
V            .or storage
V         14 .Unoccupied site for mobile home,
V            .trailer, or tent
V         15 .Permit granted, construction not
V            .started
V         16 .Other Type B
V            .Type B noninterview (Wave 2+)
V         16 .Entire hh institutionalized
V            .or temporarily ineligible
V            .Type C noninterview (Wave 1)
V         17 .Demolished
V         18 .House or trailer moved
V         19 .Converted to permanent business
V            .or storage
V         20 .Merged
V         21 .Condemned
V         22 .Other Type C
V            .Type C noninterview (Wave 2+)
V         22 .Deleted (sample adjustment,
V            .error)
V         23 .Entire household deceased,
V            .moved out of country, or
V            .living in armed forces barracks
V            .Type D noninterview (Wave 2+)
V         24 .Moved, address unknown
V         25 .Moved within country beyond
V            .limit
V         26 .All sample persons relisted on
V            .new control card(s)

D INTVW       1      24
     Person's interview status
U All persons, including children
V          0 .Not applicable (children
V            .under 15)
V          1 .Interview (self)
V          2 .Interview (proxy)
V          3 .Noninterview - Type Z refusal
V          4 .Noninterview - Type Z other
```

```
DATA        SIZE  BEGIN REP LENGTH

D ENTRY       2     25
     Edited entry address ID
     Address of the household that this
     person belonged to at the time this
     person first became part of the sample
U All persons, including children

D PNUM        3     27
     Edited person number
U All persons, including children

D FINALWGT   12     30
     'STAGE1WT' * second stage factor.
U All persons, including children

D RRP         1     42
     Edited relationship to reference person
U All persons, including children
V          0 .Not a sample person in this
             .month
V          1 .Household reference person,
             .living with relatives
V          2 .Household reference person
             .living alone or with only
             .non-relatives (primary
             .individual)
V          3 .Spouse of household reference
             .person
V          4 .Child of household reference
             .person
V          5 .Other relative of household
             .reference person
V          6 .Non-relative of household
             .reference person but related
             .to others in the household -
             .member of an unrelated
             .sub(secondary) family
V          7 .Non-relative of household
             .reference person and not
             .related to anyone else
             .in the household(secondary
             .individual)

D AGE         3     43
     Edited and imputed age as of last
     birthday.
U All persons, including children
V        000 .Less than 1 full year
V        001 .1 year
V            .etc.

D SEX         1     46
     Sex of this person
     Edited and imputed
U All persons, including children
V          1 .Male
V          2 .Female

D Race        1     47
     Race of this person
     Edited and imputed
U All persons, including children
V          1 .White
V          2 .Black
V          3 .American Indian, Eskimo or Aleut
V          4 .Asian or Pacific Islander

D MS          1     48
     Marital status
     If marital status changed during any
     month, the marital status shown is the
     status maintained for the greatest part
     of the month - edited and imputed
U Persons 15 years old or older
V          0 .Not a sample person in this
             .month
V          1 .Married, spouse present
V          2 .Married, spouse absent
V          3 .Widowed
V          4 .Divorced
V          5 .Separated
V          6 .Never married

D PNSP        3     49
     Person number of spouse
U Persons 15 years old or older
V        000 .Not a sample person in this
V            .month
V        999 .Not applicable

D PNPT        3     52
     Person number of parent
U Persons 15 years old or older
V        000 .Not a sample person in this
V            .month
V        999 .Not applicable

D HIGRADE     2     55
     What is the highest grade or year of
     regular school this person attended?
U Persons 15 years old or older
V         00 .Not applicable if under 15,
V            .did not attend or attended only
V            .kindergarten
V    01 - 08 .Elementary
V    09 - 12 .High school
V    21 - 26 .College

D GRD-CMPL    1     57
     Did he/she complete that grade
U Persons 15 years old or older
V          0 .Not applicable
V          1 .Yes
V          2 .No

D ETHNICTY    2     58
     Ethnic origin
U All persons, including children
V         01 .German
V         02 .English
V         03 .Irish
V         04 .French
V         05 .Italian
V         06 .Scottish
V         07 .Polish
V         08 .Dutch
V         09 .Swedish
V         10 .Norwegian
V         11 .Russian
V         12 .Ukrainian
V         13 .Welsh
V         14 .Mexican-American
V         15 .Chicano
V         16 .Mexican
V         17 .Puerto Rican
V         18 .Cuban
V         19 .Central or South American
V            .(Spanish speaking)
V         20 .Other Spanish
V         21 .Afro-American (Black or Negro)
V         30 .Another group not listed
V         39 .Don't know
```

```
DATA        SIZE  BEGIN REP LENGTH

D WAVE         1     60
     Wave number within Panel

D TM8000       1     61
     Is ... 21 years of age or over?
U All persons
V          0 .Not applicable
V          1 .Yes
V          2 .No - skip to Check Item T2
             .(TM8400)

D TM8002       4     62
     In what year did ... first work
     six straight months or longer at
     a paid job or business?
     (Consider either full or part-time
     jobs.)
U Persons 21 years of age or over
V       0000 .Not applicable
V       -003 .Never worked 6 straight
V            .months at a job or
V            .business
V  1901-1992 .Year worked - skip to
V            .TM8006

D TM8004       2     66
     What is the main reason ... never
     worked six straight months or longer
     at a paid job or business?
U Persons 21 years of age or over who
  never worked 6 straight months or don't
  know if they worked 6 straight months
V         00 .Not applicable
V         01 .Taking care of home or family
V         02 .Ill or disabled
V         03 .Going to school
V         04 .Couldn't find work
V         05 .Didn't want to work
V         06 .Other
V            .Skip to Check Item T2 (TM8400)

D TM8006       2     68
     Since (year entered in TM8002) how
     many years have there been when ...
     worked at least 6 straight months
     during the year?
U Persons 21 years of age or over who
  worked 6 straight months at a job or
  business
V         -5 .All years
V         00 .Not applicable
V      01-99 .Number of years worked

D TM8008       1     70
     During the time that ... has generally
     worked full time or part time?
U Persons 21 years of age or over who
  worked 6 straight months at a job or
  business
V          0 .Not applicable
V          1 .Full time
V          2 .Part time

D TM8010       1     71
     People spend time not working at a paid
     job or business for various reasons,
     such as taking care of a home or family,
     illness, going to school, or other
     reasons.  Since ... was 21 years of age,
     have there been any periods lasting 6
     months or longer when ... did not work
     at a paid job or business?
U Persons 21 years of age or over who
  worked 6 straight months at a job or
  business
V          0 .Not applicable
V          1 .Yes
V          2 .No - skip to Check Item T2
             .(TM8400)

D TM8012       4     72
     From the time ... was 21 years old, when
     was the first time that ... went 6 months
     or longer without working at a paid job
     or business?
     From
U Persons 21 years of age or over who have
  had periods of 6 months or longer when they
  did not work at a paid job or business
V       0000 .Not applicable
V  1901-1992 .Went 6 months or longer
V            .without working at a
V            .paid job or business

D TM8014       4     76
     From the time ... was 21 years old, when
     was the first time that ... went 6 months
     or longer without working at a paid job
     or business?
U Persons 21 years of age or over who have
  had periods of 6 months or longer when they
  did not work at a paid job or business
V       0000 .Not applicable
V  1901-1992 .Went 6 months or longer
V            .without working at a
V            .paid job or business

D TM8016       2     80
     From the time ... was 21 years old, when
     was the first time that ... went 6 months
     or longer without working at a paid job
     or business?
     From
U Persons 21 years of age or over who have
  had periods of 6 months or longer when they
  did not work at a paid job or business
V         -1 .Don't know (DK)
V         00 .Not applicable

D TM8017       2     82
     From the time ... was 21 years old, when
     was the first time that ... went 6 months
     or longer without working at a paid job
     or business?
     To
U Persons 21 years of age or over who have
  had periods of 6 months or longer when they
  did not work at a paid job or business
V         -1 .Don't know (DK)
V         00 .Not applicable

D TM8018       2     84
     What was the main reason ... did not
     work at a paid job or business during
     that time?
U Persons 21 years of age or over who have
  had periods of 6 months or longer when they
  did not work at a paid job or business
V         00 .Not applicable
V         01 .Taking care of a minor child
V         02 .Taking care of an elderly
V            .family member
V         03 .Taking care of a disabled but
V            .non-elderly family member
```

```
DATA        SIZE  BEGIN REP LENGTH

V           04 .Other family or home responsi-
V              .bilities
V           05 .Own illness or disability
V           06 .Retirement or old age
V           07 .Could not find work
V           08 .Did not want to work
V           09 .Going to school
V           10 .Other

D TM8020       1      86
     After this first time were there any
     other periods of 6 months or longer
     when ... did not work at a paid job
     or business?
U Persons 21 years of age or over who have
  had periods of 6 months or longer when they
  did not work at a paid job or business
V            0 .Not applicable
V            1 .Yes
V            2 .No - skip to Check Item T2
V              .(TM8400)

D TM8022       1      87
     How many other times did this happen?
U Persons 21 years of age or over who have
  had more than one period of not working
  at a job or business for 6 months or more
V            0 .Not applicable
V            1 .One time
V            2 .Two times
V            3 .Three times

**********************************************
*  Ask for each "other" time indicated above*
*  - maximum of three.  Proceed from the    *
*  earliest "other" occurrence to the most  *
*  recent.                                  *
**********************************************

D TM8024       4      88
     When was the second time that ... went 6
     months or longer without working at a
     paid job or business?
     (Consider either full- or part-time
      jobs.)
     From
U Persons 21 years of age or over who have
  had more than one period of not working
  at a job or business for 6 months or more
V         0000 .Not applicable
V    1901-1992 .Second time

D TM8026       2      92
     What was the main reason ... did not work
     at a paid job or business during that
     time?
U Persons 21 years of age or over who have
  had more than one period of not working
  at a job or business for 6 months or more
V           00 .Not applicable
V           01 .Taking care of a minor child
V           02 .Taking care of an elderly family
V              .member
V           03 .Taking care of a disabled but
V              .non-elderly family member
V           04 .Other family or home responsi-
V              .bilities
V           05 .Own illness or disability
V           06 .Retirement or old age
V           07 .Could not find work
V           08 .Did not want to work
V           09 .Going to school
V           10 .Other

DATA        SIZE  BEGIN REP LENGTH

D TM8027       2      94
     When was the second time that ... went 6
     months or longer without working at a
     paid job or business?
     (Consider either full- or part-time
     jobs.)
     From
U Persons 21 years of age or over who have
  had more than one period of not working
  at a job or business for 6 months or more
V           -1 .Don't know (DK)
V           00 .Not applicable

D TM8028       4      96
     When was the second time that ... went 6
     months or longer without working at a
     paid job or business?
     (Consider either full- or part-time
     jobs.)
     To
U Persons 21 years of age or over who have
  had more than one period of not working
  at a job or business for 6 months or more
V         0000 .Not applicable
V    1901-1992 .Second time

D TM8030       2      100
     When was the second time that ... went 6
     months or longer without working at a
     paid job or business?
     (Consider either full- or part-time
     jobs.)
     To
U Persons 21 years of age or over who have
  had more than one period of not working
  at a job or business for 6 months or more
V           -1 .Don't know (DK)
V           00 .Not applicable

D TM8032       4      102
     When was the third time that ... went 6
     months or longer without working at a
     paid job or business?
     (Consider either full- or part-time
     jobs.)
     From
U Persons 21 years of age or over who have
  had more than one period of not working
  at a job or business for 6 months or more
V         0000 .Not applicable
V    1901-1992 .Third time

D TM8034       2      106
     What was the main reason ... did not
     work at a paid job or business during
     that time?
U Persons 21 years of age or over who have
  had more than one period of not working
  at a job or business for 6 months or more
V           00 .Not applicable
V           01 .Taking care of a minor
V           02 .Taking care of an elderly family
V              .member
V           03 .Taking care of a disabled but
V              .non-elderly family member
V           04 .Other family or home responsi-
V              .bilities
V           05 .Own illness or disability
V           06 .Retirement or old age
V           07 .Could not find work
```

```
DATA         SIZE  BEGIN REP LENGTH

V         08 .Did not want to work
V         09 .Going to school
V         10 .Other

D TM8035       2     108
     When was the third time that ... went 6
     months or longer without working at a
     paid job or business?
     (Consider either full- or part-time
     jobs.)
     From
U Persons 21 years of age or over who have
  had more than one period of not working
  at a job or business for 6 months or more
V         -1 .Don't know (DK)
V         00 .Not applicable

D TM8036       4     110
     When was the third time that ... went
     6 months or longer without working at
     a paid job or business?
     (Consider either full- or part-time
     jobs.)
     To
U Persons 21 years of age or over who have
  had more than one period of not working
  at a job or business for 6 months or more
V       0000 .Not applicable
V  1901-1992 .Third time

D TM8038       2     114
     When was the third time that ... went
     6 months or longer without working at
     a paid job or business?
     (Consider either full- or part-time
     jobs.)
     To
U Persons 21 years of age or over who have
  had more than one period of not working
  at a job or business for 6 months or more
V         -1 .Don't know (DK)
V         00 .Not applicable

D TM8040       4     116
     When was the fourth time that ... went
     6 months or longer without working at
     a paid job or business?
     (Consider either full- or part-time
     jobs.)
     From
U Persons 21 years of age or over who have
  had more than one period of not working
  at a job or business for 6 months or more
V       0000 .Not applicable
V  1901-1992 .Fourth time
c:
D TM8042       2     120
     What was the main reason ... did not
     work at a paid job or business during
     that time?
U Persons 21 years of age or over who have
  had more than one period of not working
  at a job or business for 6 months or more
V         00 .Not applicable
V         01 .Taking care of a minor
V         02 .Taking care of an elderly family
V            .member
V         03 .Taking care of a disabled but
V            .non-elderly family member
V         04 .Other family or home responsi-
V            .bilities
```

```
DATA         SIZE  BEGIN REP LENGTH

V         05 .Own illness or disability
V         06 .Retirement or old age
V         07 .Could not find work
V         08 .Did not want to work
V         09 .Going to school
V         10 .Other

D TM8043       2     122
     When was the fourth time that ... went
     6 months or longer without working at
     a paid job or business?
     (Consider either full- or part-time
     jobs.)
     From
U Persons 21 years of age or over who have
  had more than one period of not working
  at a job or business for 6 months or more
V         -1 .Don't know (DK)
V         00 .Not applicable

D TM8044       4     124
     When was the fourth time that ... went
     6 months or longer without working at
     a paid job or business?
     (Consider either full- or part-time
     jobs.)
     To
U Persons 21 years of age or over who have
  had more than one period of not working
  at a job or business for 6 months or more
V       0000 .Not applicable
V  1901-1992 .Fourth time

D TM8046       2     128
     When was the fourth time that ... went
     6 months or longer without working at
     a paid job or business?
     (Consider either full- or part-time
     jobs.)
     To
U Persons 21 years of age or over who have
  had more than one period of not working
  at a job or business for 6 months or more
V         00 .Not applicable
V         -1 .Don't know (DK)

*********************************************
* Part A - Time spent outside the work force*
* imputation flags (1-20)                   *
*********************************************

*********************************************
* The following 20 fields are flags of the  *
* form TM-IFAXX, where XX is the number of  *
* the flag.                                 *
*                                           *
* In imputation cases the range of values   *
* is (0:1).  This represents:               *
* V         0 .Not imputed                  *
* V         1 .Imputed                      *
*                                           *
* In computation cases the range of values  *
* is (0:3).  This represents:               *
* V         0 .No, the date was not changed *
* V         1 .Yes, both the date and the   *
*             .don't know entries were blank *
* V         2 .Yes, date was inconsistent   *
*             .with the birth year or the   *
*             .interview year               *
* V         3 .Yes, date was inconsistent   *
*             .with the previous date       *
*********************************************
```

```
DATA        SIZE  BEGIN REP LENGTH

D IM8000      1    130
     Imputation of 'TM8000'

D IM8002      1    131
     Imputation of 'TM8002'

D IM8004      1    132
     Imputation of 'TM8004'

D IM8006      1    133
     Imputation of 'TM8006'

D IM8008      1    134
     Imputation of 'TM8008'

D IM8010      1    135
     Imputation of 'TM8010'

D IM8012      1    136
     Imputation of 'TM8012'

D IM8014      1    137
     Imputation of 'TM8014'

D IM8018      1    138
     Imputation of 'TM8018'

D IM8020      1    139
     Imputation of 'TM8020'

D IM8022      1    140
     Imputation of 'TM8022'

D IM8024      1    141
     Computation of 'TM8024'

D IM8026      1    142
     Imputation of 'TM8026'

D IM8028      1    143
     Computation of 'TM8028'

D IM8032      1    144
     Computation of 'TM8032'

D IM8034      1    145
     Imputation of 'TM8034'

D IM8036      1    146
     Computation of 'TM8036'

D IM8040      1    147
     Computation of 'TM8040'

D IM8042      1    148
     Imputation of 'TM8042'

D IM8044      1    149
     Computation of 'TM8044'

D FILLER.     3    150

*******************************************
*  Part B - Child  Support Agreements     *
*******************************************

D TM8400      1    153
     Check Item T2
     Is ... the parent of children
     under 21 years of age who live in
     this household
U Designated parent or guardian of children
  who live in this household
V          0 .Not applicable
V          1 .Yes
V          2 .No - skip to TM8700

D TM8402      1    154
     Does ... have any children in this
     household under 21 years of age who
     have a parent living elsewhere?  (Do
     not include stepparents or parents who
     would be living at home except for
     military or other related absences.)
U Designated parent or guardian of children
  under 21 years of age who live in this
  household
V          0 .Not applicable
V          1 .Yes
V          2 .No - skip to TM8700

*******************************************
*    These next few questions concern child *
*    support                                *
*******************************************

D TM8404      1    155
     Have child support payments ever
     been agreed to or awarded for
     (any of) ...'s children living here
U Designated parent or guardian of children
  under 21 years of age who live in this
  household
V          0 .Not applicable
V          1 .Yes
V          2 .No - skip to TM8520

D TM8406      2    156
     For how many children?
U Persons with child support agreement
V         00 .Not applicable
V      01-99 .Children

*******************************************
*   In some cases, child support agree-   *
*   ments are made and then later modified *
*   or revised.  The following questions  *
*   relate to the most recent initial     *
*   agreement and any subsequent modifi-  *
*   cation of that agreement.             *
*******************************************

D TM8408      1    158
     Was this agreement a voluntary written
     agreement ratified by the court, a
     court-ordered agreement, or some other
     type of written agreement or a non-
     written (verbal) agreement?
U Persons with child support agreement
V          0 .Not applicable
V          1 .Voluntary written agreement
V            .ratified by the court
V          2 .Court-ordered agreement
V          3 .Other type of written agreement
V          4 .Non-written agreement - skip
V            .to TM8492

D TM8410      2    159
     Which children living here are covered
     by that agreement?
U Persons with written child support
  agreement
V         00 .Not applicable
V         -5 .All
```

```
DATA         SIZE  BEGIN REP LENGTH

D TM8411       2     161
     Which children living here are covered
     by that agreement?
U Persons with written child support
  agreement?
V          00 .Not applicable
V          -3 .None

D TM8412       3     163
     Which children living here are covered
     by that agreement?
U Persons with written child support
  agreement
V         000 .Not applicable
V  101 - 399 .Person number
V         999 .Person number unknown

D TM8414       3     166
     Which children living here are covered
     by that agreement?
U Persons with written child support
  agreement
V         000 .Not applicable
V  101 - 399 .Person number
V         999 .Person number unknown

D TM8416       3     169
     Which children living here are covered
     by that agreement?
U Persons with written child support
  agreement
V         000 .Not applicable
V  101 - 399 .Person number
V         999 .Person number unknown

D TM8418       4     172
     In what year was this agreement
     first reached
U Persons with written child support
  agreement
V        0000 .Not applicable
V        -001 .Don't know
V  1901-1992 .Year

D TM8420       6     176
     What was the dollar amount of that
     agreement?
U Persons with written child support
  agreement
V      000000 .Not applicable
V    1-999999 .Dollars per week

D TM8422       6     182
     What was the dollar amount of that
     agreement?
U Persons with written child support
  agreement
V      000000 .Not applicable
V    1-999999 .Dollars biweekly

D TM8424       6     188
     What was the dollar amount of that
     agreement?
U Persons with written child support
  agreement
V      000000 .Not applicable
V    1-999999 .Dollars per month
```

```
DATA         SIZE  BEGIN REP LENGTH

D TM8426       6     194
     What was the dollar amount of that
     agreement?
U Persons with written child support
  agreement
V      000000 .Not applicable
V    1-999999 .Dollars per year

D TM8428       2     200
     What was the dollar amount of that
     agreement?
U Persons with written child support
  agreement
V          00 .Not applicable
V          -1 .Don't know

D TM8430       1     202
     Has the dollar amount ever
     been changed
U Persons with written child support
  agreement
V           0 .Not applicable
V           1 .Yes
V           2 .No - skip to TM8444

D TM8432       4     203
     In what year was the amount
     last changed
U Persons with written child support
  agreement
V        0000 .Not applicable
V        -001 .Don't know
V   1901-1992 .Year

D TM8434       6     207
     What was the dollar amount for the
     agreement after the last change?
U Persons with written child support
  agreement
V      000000 .Not applicable
V    1-999999 .Dollars per week

D TM8436       6     213
     What was the dollar amount for the
     agreement
     after the last change?
U Persons with written child support
  agreement
V      000000 .Not applicable
V    1-999999 .Dollars biweekly

D TM8438       6     219
     What was the dollar amount for the
     agreement after the last change?
U Persons with written child support
  agreement
V      000000 .Not applicable
V    1-999999 .Dollars per month

D TM8440       6     225
     What was the dollar amount for the
     agreement after the last change?
U Persons with written child support
  agreement
V      000000 .Not applicable
V    1-999999  dollars per year
```

```
DATA        SIZE  BEGIN REP LENGTH

D TM8442      2    231
     What was the dollar amount for the
     agreement after the last change?
U Persons with written child support
  agreement
V         00 .Not applicable
          -1 .Don't know

D TM8444      1    233
     Were any payments due in the last 12
     months?
U Persons with written child support
  agreement
V          0 .Not applicable
V          1 .Yes - skip to TM8448
V          2 .No

D TM8446      1    234
     Why not?
U Persons with written child support
  agreement
V          0 .Not applicable
V          1 .Child(ren) over the age limit -
V            .skip to TM8458
V          2 .Other parent not working -
V            .skip to TM8458
V          3 .Other parent deceased - skip
V            .to TM8458
V          4 .Other - skip to TM8458

D TM8448      6    235
     What is the total amount that ... was
     supposed to have received in child
     support payments during the past 12
     months (from the most recent agreement)
U Persons with written child support
  agreement
V     000000 .Not applicable
V   1-999999 .Amount supposed to have
V            .received
V     -00001 .Don't know

D TM8450      6    241
     What is the total amount that ...
     actually received in child support
     payments under that agreement, during
     the past 12 month
U Persons with written child support
  agreement
V     -00001 .Don't know
V     -00003 .None
V     000000 .Not applicable
V   1-999999 .Amount actually received

D TM8452      2    247
     How are the payments now received?  Are
     they received--
U Persons with written child support
  agreement
V         00 .Not applicable
V         -1 .Dont know
V         01 .Directly from the other parent
V         02 .Through a court
V         03 .Through the welfare or child
V            .support agency
V         04 .Some other method

D TM8454      1    249
     How regularly are child support payments
     received
U Persons with written child support
  agreement
V          0 .Not applicable
```

```
DATA        SIZE  BEGIN REP LENGTH

V          1 .All of the time
V          2 .Most of the time
V          3 .Some of the time
V          4 .None of the time

D TM8456      1    250
     During the past 12 months, how many
     child support payments were paid
     within 30 days of when they were due
U Persons with written child support
  agreement
V          0 .Not applicable
V          1 .All
V          2 .Most
V          3 .Some
V          4 .None

D TM8458      1    251
     What kinds of provisions for health care
     costs are included in the child support
     agreement
U Persons with written child support
  agreement
V          0 .Not applicable
V          1 .Non-custodial parent to provide
V            .health insurance

D TM8460      1    252
     What kinds of provisions for health care
     costs are included in the child support
     agreement
U Persons with written child support
  agreement
V          0 .Not applicable
V          1 .Custodial parent to provide
V            .health insurance

D TM8462      1    253
     What kinds of provisions for health care
     costs are included in the child support
     agreement
U Persons with written child support
  agreement
V          0 .Not applicable
V          1 .Non-custodial parent to pay
V            .medical costs directly

D TM8464      1    254
     What kinds of provisions for health care
     costs are included in the child support
     agreement
U Persons with written child support
  agreement
V          0 .Not applicable
V          1 .Child support payments to
V            .include cash medical support

D TM8466      1    255
     What kinds of provisions for health care
     costs are included in the child support
     agreement
U Persons with written child support
  agreement
V          0 .Not applicable
V          1 .None

D TM8468      1    256
     What kinds of provisions for health care
     costs are included in the child support
     agreement
U Persons with written child support
  agreement
V          0 .Not applicable
```

```
DATA        SIZE  BEGIN REP LENGTH

V          1 .Other

D TM8470     1     257
     What child custody arrangements does the
     most recent agreement specify
U Persons with written child support
  agreement
V          0 .Not applicable
V          1 .Joint legal and physical
             .custody
V          2 .Joint legal with mother
             .physical custody
V          3 .Joint legal with father
             .physical custody
V          4 .Mother legal and physical
             .custody
V          5 .Father legal and physical
             .custody
V          6 .Split custody
V          7 .Other

D TM8472     1     258
     Does the child support agreement specify
     the visitation arrangement between the
     child(ren) and the other parent
U Persons with written child support
  agreement
V          0 .Not applicable
V          1 .Yes
V          2 .No

D TM8474     1     259
     Check Item T3
     Is more than one child covered by the
     most recent agreement
U Persons with written child support
  agreement
V          0 .Not applicable
V          1 .Yes
V          2 .No - skip to TM8478

D TM8476     1     260
     Did all the children visit the other
     parent about the same number of days in
     the last 12 months
U Persons with written child support
  agreement
V.         0 .Not applicable
V          1 .Yes
V          2 .No

D TM8478     3     261
     What is the total amount of time (the
     oldest) (all) child(ren) spent visiting
     the other parent in the last 12 months
U Persons with written child support
  agreement
V        000 .Not applicable
V  001 - 365 .Days

D TM8480     2     264
     What is the total amount of time (the
     oldest) (all) child(ren) spent visiting
     the other parent in the last 12 months
U Persons with written child support
  agreement
V         00 .Not applicable
V    01 - 52 .Weeks

D TM8482     2     266
     What is the total amount of time (the
     oldest) (all) child(ren) spent visiting
     the other parent in the last 12 months
U Persons with written child support
  agreement
V         00 .Not applicable
V     01 -12 .Months

D TM8484     2     268
     What is the total amount of time (the
     oldest) (all) child(ren) spent visiting
     the other parent in the last 12 months
U Persons with written child support
  agreement
V         -3 .None
V         00 .Not applicable

D TM8486     2     270
     What is the total amount of time (the
     oldest) (all) child(ren) spent visiting
     the other parent in the last 12 months
U Persons with written child support
  agreement
V         -1 .Don't know
V         00 .Not applicable

D TM8488     2     272
     Where does the other parent (for this
     agreement now live
U Persons with written child support
  agreement
V         -1 .Don't know
V         00 .Not applicable
V         01 .Same county/city
V         02 .Same state (different county
V            ./city)
V         03 .Different state
V         04 .Other parent now deceased -
             .skip to TM8492
V         05 .Other

D TM8490     1     274
     If ... had to contact the other parent,
     how would ... do so?  Would ... contact
     the other parent--
U Persons with written child support agreement
V          0 .Not applicable
V          1 .Directly
V          2 .Through a friend
V          3 .Through a relative
V          4 .Other
V          5 .No way of contacting the other
             .parent

D TM8492     1     275
     Check Item T4
     Does ... have any children living in
     this household not covered by the most
     recent child support agreement
U Persons 15 years of age and over
V          0 .Not applicable
V          1 .Yes
V          2 .No - skip to TM8520

D TM8494     1     276
     (Other than the support agreement
     discussed above), are any of ...'s
     other children in this household covered
     by another written child support
     agreement
U Parents with children living in household
  not covered by most recent child support
  agreement
V          0 .Not applicable
V          1 .Yes
V          2 .No - skip to TM8520
```

DATA	SIZE	BEGIN	REP	LENGTH	DATA	SIZE	BEGIN	REP	LENGTH

```
DATA        SIZE  BEGIN REP LENGTH

D TM8496       1    277
     How many other agreements
U Parents with children living in household
  covered by another written child support
  agreement
V          0 .Not applicable
V      1 - 9 .Number of agreements

**********************************************
*  The following questions relate to the    *
*  most recent of these agreements.         *
**********************************************

D TM8498       1    278
     Was this agreement a voluntary written
     agreement ratified by the court, a
     court-ordered agreement, or some other
     type of written agreement
U Parents with children living in household
  covered by another written child support
  agreement
V          0 .Not applicable
V          1 .Voluntary written agreement
V            .ratified by the court
V          2 .Court-ordered agreement
V          3 .Other type of written agreement

D TM8500       3    279
     Which children living here are covered
     by this agreement
U Parents with children living in household
  covered by another written child support
  agreement
V        000 .Not applicable
V  101 - 399 .Person number
V        999 .Person number unknown

D TM8502       3    282
     Which children living here are covered
     by this agreement
U Parents with children living in household
  covered by another written child support
  agreement
V        000 .Not applicable
V  101 - 399 .Person number
V        999 .Person number unknown

D TM8504       3    285
     Which children living here are covered
     by this agreement
U Parents with children living in household
  covered by another written child support
  agreement
V        000 .Not applicable
V  101 - 399 .Person number
V        999 .Person number unknown

D TM8506       6    288
     What is the total amount that ... was
     supposed to have received in child
     support payments under this agreement,
     during the last 12 months
U Parents with children living in household
  covered by another written child support
  agreement
V     000000 .Not applicable
V   1-999999 .Amount per week

D TM8508       6    294
     What is the total amount that .... was
     supposed to have received in child
     support payments under this agreement,
     during the last 12 months
U Parents with children living in household
  covered by another written child support
  agreement
V     000000 .Not applicable
V   1-999999 .Amount weekly

D TM8510       6    300
     What is the total amount that ... was
     supposed to have received in child
     support payments under this agreement,
     during the last 12 months
U Parents with children living in household
  covered by another written child support
  agreement
V     000000 .Not applicable
V   1-999999 .Amount per month

D TM8512       6    306
     What is the total amount that ... was
     supposed to have received in child
     support payments under this agreement,
     during the last 12 months
U Parents with children living in household
  covered by another written child support
  agreement
V     000000 .Not applicable
V   1-999999 .Amount per year

D TM8513       2    312
     What is the total amount that ... was
     supposed to have received in child
     support payments under this agreement,
     during the last 12 months
U Parents with children living in household
  covered by another written child support
  agreement
V         -1 .Don't know
V         -3 .None
V         00 .Not applicable

D TM8516       6    314
     What is the total amount that ...
     actually received in child support
     payments under this agreement, during
     the last 12 months
U Parents with children living in household
  covered by another written child support
  agreement
V     -00001 .Don't know
V     -00003 .None
V     000000 .Not applicable
V   1-999999 .Amount actually received

D TM8518       2    320
     Where does the other parent (for this
     agreement) now live
U Parents with children living in household
  covered by another written child support
  agreement
V         -1 .Don't know
V         00 .Not applicable
V         01 .Same county/city
V         02 .Same state (different county/
V            .city)
V         03 .Different state
V         04 .Other parent now deceased
V         05 .Other
```

DATA SIZE BEGIN REP LENGTH

D TM8520 1 322
For any of ...'s children, has ... ever asked a public agency (such as the child support enforcement office or welfare agency) for help in obtaining child support
U Parents with children living in household covered by another written child support agreement
V 0 .Not applicable
V 1 .Yes
V 2 .No - skip to TM8554

D TM8522 4 323
In what year did ... last ask for help
U Parents asking for help in obtaining child support from a public agency
V -001 .Don't know
V 0000 .Not applicable
V 1900-1992 .Year last asked for help

D TM8524 1 327
What type of help did ... ask for
U Parents asking for help in obtaining child support from a public agency
V 0 .Not applicable
V 1 .Locate the other parent

D TM8526 1 328
What type of help did ... ask for
U Parents asking for help in obtaining child support from a public agency
V 0 .Not applicable
V 1 .Establish paternity/maternity

D TM8528 1 329
What type of help did ... ask for
U Parents asking for help in obtaining child support from a public agency
V 0 .Not applicable
V 1 .Establish support obligation

D TM8530 1 330
What type of help did ... ask for
U Parents asking for help in obtaining child support from a public agency
V 0 .Not applicable
V 1 .Establish medical support

D TM8532 1 331
What type of help did ... ask for
U Parents asking for help in obtaining child support from a public agency
V 0 .Not applicable
V 1 .Enforce support order

D TM8534 1 332
What type of help did ... ask for
U Parents asking for help in obtaining child support from a public agency
V 0 .Not applicable
V 1 .Modify an order

D TM8536 1 333
What type of help did ... ask for
U Parents asking for help in obtaining child support from a public agency
V 0 .Not applicable
V 1 .Other

DATA SIZE BEGIN REP LENGTH

D TM8538 1 334
Did ... receive any help from the agency
U Parents asking for help in obtaining child support from a public agency
V 0 .Not applicable
V 1 .Yes
V 2 .No - skip to TM8554

D TM8540 1 335
What kind of help did ... receive (last contact)
U Parents asking for help in obtaining child support from a public agency
V 0 .Not applicable
V 1 .Locate the other parent

D TM8542 1 336
What kind of help did ... receive (last contact)
U Parents asking for help in obtaining child support from a public agency
V 0 .Not applicable
V 1 .Establish paternity/maternity

D TM8544 1 337
What kind of help did ... receive (last contact)
U Parents asking for help in obtaining child support from a public agency
V 0 .Not applicable
V 1 .Establish support obligation

D TM8546 1 338
What kind of help did ... receive (last contact)
U Parents asking for help in obtaining child support from a public agency
V 0 .Not applicable
V 1 .Establish medical support

D TM8548 1 339
What kind of help did ... receive (last contact)
U Parents asking for help in obtaining child support from a public agency
V 0 .Not applicable
V 1 .Enforce support order

D TM8550 1 340
What kind of help did ... receive (last contact)
U Parents asking for help in obtaining child support from a public agency
V 0 .Not applicable
V 1 .Modify an order

D TM8552 1 341
What kind of help did ... receive (last contact)
U Parents asking for help in obtaining child support from a public agency
V 0 .Not applicable
V 1 .Other

```
DATA        SIZE  BEGIN REP LENGTH

D TM8554      1    342
     Check Item T5
     Are all children in household covered by
     the most recent agreement
U Parents with children living in household
  covered by most recent child support
  agreement
V          0 .Not applicable
V          1 .Yes - skip to TM8620
V          2 .No

D TM8556      2    343
     How many children living in ...'s
     household do not have a child support
     award from an absent parent
U Persons without written child support
  agreement for children under 21
V         00 .Not applicable
V    01 - 99 .Number of children
V         -3 .None - skip to TM8620

D TM8558      1    345
     Do all of ...'s children without a child
     support award have the same absent
     parent
U Persons without written child support
  agreement for children under 21
V          0 .Not applicable
V          1 .Yes
V          2 .No

D TM8560      3    346
     Youngest child
     Why were child support payments not
     agreed to or awarded for ...'s
     youngest child without an award
U Persons without written child support
  agreement for children under 21
V        000 .Not applicable
V  101 - 399 .Person number
V        999 .Person number unknown

D TM8562      3    349
     Oldest child
     Why were child support payments not
     agreed to or awarded for ...'s
     oldest child without an award
U Persons without written child support
  agreement for children under 21
V        000 .Not applicable
V  101 - 399 .Person number
V        999 .Person number unknown

D TM8564      1    352
     Youngest child
     Why were child support payments not
     agreed to or awarded for ...'s
     youngest child without an award
U Persons without written child support
  agreement for children under 21
V          0 .Not applicable
V          1 .Paternity not established

D TM8566      1    353
     Oldest child
     Why were child support payments not
     agreed to or awarded for ...'s
     oldest child without an award
U Persons without written child support
  agreement for children under 21
V          0 .Not applicable
V          1 .Paternity not established

D TM8568      1    354
     Youngest child
     Why were child support payments not
     agreed to or awarded for ...'s
     youngest child without an award
U Persons without written child support
  agreement for children under 21
V          0 .Not applicable
V          1 .Unable to locate parent

D TM8570      1    355
     Oldest child
     Why were child support payments not
     agreed to or awarded for ...'s
     oldest child without an award
U Persons without written child support
  agreement for children under 21
V          0 .Not applicable
V          1 .Unable to locate parent

D TM8572      1    356
     Youngest child
     Why were child support payments not
     agreed to or awarded for ...'s
     youngest child without an award
U Persons without written child support
  agreement for children under 21
V          0 .Not applicable
V          1 .Father unable to pay

D TM8574      1    357
     Oldest child
     Why were child support payments not
     agreed to or awarded for ...'s (oldest)
     child without an award
U Persons without written child support
  agreement for children under 21
V          0 .Not applicable
V          1 .Father unable to pay

D TM8576      1    358
     Youngest child
     Why were child support payments not
     agreed to or awarded for ...'s
     (youngest) child without an award
U Persons without written child support
  agreement for children under 21
V          0 .Not applicable
V          1 .Final agreement pending

D TM8578      1    359
     Oldest child
     Why were child support payments not
     agreed to or awarded for ...'s (oldest)
     child without an award
U Persons without written child support
  agreement for children under 21
V          0 .Not applicable
V          1 .Final agreement pending

D TM8580      1    360
     Youngest child
     Why were child support payments not
     agreed to or awarded for ...'s
     (youngest) child without an award
U Persons without written child support
  agreement for children under 21
V          0 .Not applicable
V          1 .Accepted property settlement in
V            .lieu of child support
```

```
DATA        SIZE  BEGIN REP LENGTH

D TM8582      1     361
     Oldest child
     Why were child support payments not
     agreed to or awarded for ...'s
     (youngest) child without an award
U Persons without written child support
  agreement for children under 21
V          0 .Not applicable
V          1 .Accepted property settlement in
V            .lieu of child support

D TM8584      1     362
     Youngest child
     Why were child support payments not
     agreed to or awarded for ...'s youngest
     child without an award
U Persons without written child support
  agreement for children under 21
V          0 .Not applicable
V          1 .Do not want child support

D TM8586      1     363
     Oldest child
     Why were child support payments not
     agreed to or awarded for ...'s oldest
     child without an award
U Persons without written child support
  agreement for children under 21
V          0 .Not applicable
V          1 .Do not want child support

D TM8588      1     364
     Youngest child
     Why were child support payments not
     agreed to or awarded for ...'s youngest
     child without an award
U Persons without written child support
  agreement for children under 21
V          0 .Not applicable
V          1 .Did not pursue award

D TM8590      1     365
     Oldest child
     Why were child support payments not
     agreed to or awarded for ...'s oldest
     child without an award
U Persons without written child support
  agreement for children under 21
V          0 .Not applicable
V          1 .Did not pursue award

D TM8592      1     366
     Youngest child
     Why were child support payments not
     agreed to or awarded for ...'s youngest
     child without an award
U Persons without written child support
  agreement for children under 21
V          0 .Not applicable
V          1 .Other

D TM8594      1     367
     Oldest child
     Why were child support payments not
     agreed to or awarded for ...'s oldest
     child without an award
U Persons without written child support
  agreement for children under 21
V          0 .Not applicable
V          1 .Other
```

```
DATA        SIZE  BEGIN REP LENGTH

************************************************
*  Where does the other parent for this       *
*  (youngest) (oldest) child now live.        *
************************************************

D TM8596      1     368
     Youngest child
U Persons without written child support
  agreement for children under 21
V          0 .Not applicable
V          1 .Same county/city

D TM8598      1     369
     Oldest child
U Persons without written child support
  agreement for children under 21
V          0 .Not applicable
V          1 .Same county/city

D TM8600      1     370
     Youngest child
U Persons without written child support
  agreement for children under 21
V          0 .Not applicable
V          1 .Same state (different
V            .county/city)

D TM8602      1     371
     Oldest child
U Persons without written child support
  agreement for children under 21
V          0 .Not applicable
V          1 .Same state (different
V            .county/city)

D TM8604      1     372
     Youngest child
U Persons without written child support
  agreement for children under 21
V          0 .Not applicable
V          1 .Different state

D TM8606      1     373
     Oldest child
U Persons without written child support
  agreement for children under 21
V          0 .Not applicable
V          1 .Different state

D TM8608      1     374
     Youngest child
U Persons without written child support
  agreement for children under 21
V          0 .Not applicable
V          1 .Other parent deceased

D TM8610      1     375
     Oldest child
U Persons without written child support
  agreement for children under 21
V          0 .Not applicable
V          1 .Other parent deceased

D TM8612      2     376
     Youngest child
U Persons without written child support
  agreement for children under 21
V         -1 .DK
V         00 .Not applicable
V         01 .Other
```

```
DATA        SIZE  BEGIN REP LENGTH

D TM8614       2    378
     Oldest child
U Persons without written child support
  agreement for children under 21
V          -1 .DK
V          00 .Not applicable
V          01 .Other

D TM8616       1    380
     Youngest child
     If ... had to contact the other parent
     for youngest child, (without an award),
     how would ... do so?  Would  contact
     the other parent--
U Persons without written child support
  agreement for children under 21
V           0 .Not applicable
V           1 .Directly
V           2 .Through a friend
V           3 .Through a relative
V           4 .Other
V           5 .No way of contacting other
V             .parent

D TM8618       1    381
     Oldest child
     If ... had to contact the other parent
     for oldest child, (without an award),
     how would ... do so?  Would contact the
     other parent--
U Persons without written child support
  agreement for children under 21
V           0 .Not applicable
V           1 .Directly
V           2 .Through a friend
V           3 .Through a relative
V           4 .Other
V           5 .No way of contacting other
V             .parent

D TM8620       1    382
     Were any child support payments received
     in the last 12 months without a written
     child support agreement for any of ...'s
     children under age 21 living here
U Persons without written child support
  agreement for children under 21
V           0 .Not applicable
V           1 .Yes
V           2 .No - skip to TM8624

D TM8622       6    383
     What is the total amount that ...
     received in child support payments under
     this arrangement in the past 12 months
V      000000 .Not applicable
V    1-999999 .Total amount received
V      -00001 .Don't know

D TM8624       1    389
     Were any non-cash items or services for
     child support received for any of ...'s
     children
V           0 .Not applicable
V           1 .Yes
V           2 .No
```

```
DATA        SIZE  BEGIN REP LENGTH

**********************************************
*  Part B -  Child support imputation flags *
*  The following 44 fields are imputation   *
*  flags of the form IMXXXX, where XXXX is  *
*  the source code number.                  *
*                                           *
*  In all cases the range of values is (0:1)*
*     0. Not imputed                        *
*     1. Imputed                            *
**********************************************

D IM8402       1    390
     Imputation of 'TM8402

D IM8404       1    391
     Imputation of 'TM8404'

D IM8406       1    392
     Imputation of 'TM8406'

D IM8408       1    393
     Imputation of 'TM8408'

D IM8418       1    394
     Imputation of 'TM8418'

D IM2026       1    395
     Imputation of 'TM8420 thru TM8426

D IM8430       1    396
     Imputation of 'TM8430'

D IM8432       1    397
     Imputation of 'TM8432'

D IM3440       1    398
     Imputation of 'TM8434 thru TM8440'

D IM8444       1    399
     Imputation of 'TM8444'

D IM8446       1    400
     Imputation of 'TM8446'

D IM8448       1    401
     Imputation of 'TM8448'

D IM8450       1    402
     Imputation of 'TM8450'

D IM8452       1    403
     Imputation of 'TM8452'

D IM8454       1    404
     Imputation of 'TM8454'

D IM8456       1    405
     Imputation of 'TM8456'

D IM5868       1    406
     Imputation of 'TM8458 thru TM8468

D IM8470       1    407
     Imputation of 'TM8470'

D IM8472       1    408
     Imputation of 'TM8472'
```

```
DATA        SIZE  BEGIN REP LENGTH

D IM8476       1    409
     Imputation of 'TM8476'

D IM7884       1    410
     Imputation of 'TM8478 thru TM8484'

D IM8488       1    411
     Imputation of 'TM8488'

D IM8490       1    412
     Imputation of 'TM8490'

D IM8494       1    413
     Imputation of 'TM8494'

D IM8498       1    414
     Imputation of 'TM8498'

D IM0613       1    415
     Imputation of 'TM8506 thru TM8513

D IM8516       1    416
     Imputation of 'TM8516'

D IM8518       1    417
     Imputation of 'TM8518'

D IM8520       1    418
     Imputation of 'TM8520'

D IM8522       1    419
     Imputation of 'TM8522'

D IM2436       1    420
     Imputation of 'TM8524 thru TM8536'

D IM8538       1    421
     Imputation of 'TM8538'

D IM4052       1    422
     Imputation of 'TM8540 thru TM8552'

D IM8556       1    423
     Imputation of 'TM8556'

D IM8558       1    424
     Imputation of 'TM8558'

D IM6492       1    425
     Imputation of 'TM8564-TM8592
     by 4'

D IM9612       1    426
     Imputation of 'TM8596-TM8612
     by 4'

D IM8616       1    427
     Imputation of 'TM8616'

D IM6694       1    428
     Imputation of 'TM8566-TM8594
     by 4'

D IM9814       1    429
     Imputation of 'TM8598-TM8614
     by 4'

D IM8618       1    430
     Imputation of 'TM8618'

D IM8620       1    431
     Imputation of 'TM8620'
```

```
DATA        SIZE  BEGIN REP LENGTH

D IM8622       1    432
     Imputation of 'TM8622'

D IM8624       1    433
     Imputation of 'TM8624'

D FILLER       3    434
     Filler

**********************************************
* Part C - Support For Nonhousehold Members *
**********************************************

D TM8700       1    437
     During the past 12 months did ...
     make any regular or lump-sum
     payments for the support of someone
     who did not live in ...'s household.
     Exclude payments for a child who is
     away at school but who is
     considered part of the household.
     Do not include payments already
     reported by another household member
U Persons 15 years old or older
V          0 .Not applicable
V          1 .Yes
V          2 .No - skip to TM8800

D TM8702       1    438
     Did ... make regular payments,lump-sum
     payments,or both
U Persons 15 years old or older making
  support payments for nonhousehold members
V          0 .Not applicable
V          1 .Regular
V          2 .Lump-sum
V          3 .Both

D TM8704       2    439
     Were any of these payments for
     the support of ...'s child or
     children under 21 years of age
U Persons 15 years old or older making
  regular support payments for someone
  not living in the household
V         -1 .Don't know - skip to TM8748
V         00 .Not applicable
V         01 .Yes
V         02 .No - skip to TM8748

D TM8706       2    441
     For how many children did ... make
     support payments
U Parents making support payments for
  children under 21 years of age not
  living in the household
V         -1 .Don't know
V         00 .Not applicable
V      01-04 .The number of children
             . ... made support payments
             .for

D TM8708       1    443
     Were any of these payments the result
     of a court-order or some other
     kind of written agreement?
U Parents making support payments for
  children under 21 years of age not
  living in the household
V          0 .Not applicable
V          1 .Yes
V          2 .No - skip to TM8744
```

```
DATA          SIZE  BEGIN REP LENGTH

**********************************************
* COMMENT                                    *
*   These nest few questions relate to the   *
*   most recent child support agreement      *
*   for ...'s children.                      *
**********************************************

D TM8710       2    444
     How many children are covered by that
     agreement
U Persons 15 years old or older making
  support payments for children under 21
  years of age not living in household
V         -1 .Don't know
V         00 .Not applicable
V    01 - 99 .Number of children

D TM8712       1    446
     Was this agreement a voluntary written
     agreement ratified by the court, a
     court-ordered agreement, some other
     type of written agreement, or a non-
     written (verbal) agreement
U Persons older making support payments for
  nonhousehold member under 21 years of age
V          0 .Not applicable
V          1 .Voluntary written agreement
V            .ratified by the court
V          2 .Court-ordered agreement
V          3 .Other type of written agreement
V          4 .Non-written agreement - skip to
V            .TM8738

D TM8714       4    447
     In what year was this agreement
     first reached?
U Persons with written or court-ordered
  support agreement for nonhousehold member
  under 21 years of age
V       -001 .Don't know
V       0000 .Not applicable
V  1901-1992 .Year

D TM8716       2    451
     Has the dollar amount ever been
     changed?
U Persons with written or court-ordered
  support agreement for nonhousehold member
  under 21 years of age
V         -1 .Don't know - skip to TM8720
V         00 .Not applicable
V         01 .Yes
V         02 .No - skip to TM8720

D TM8718       4    453
     In what year was the amount
     last changed?
U Persons with written or court-ordered
  support agreement for nonhousehold member
  under 21 years of age with change in
  original amount of agreement
V       -001 .Don't know
V       0000 .Not applicable
V  1901-1992 .Year
```

```
DATA          SIZE  BEGIN REP LENGTH

D TM8720       1    457
     Is ... still supposed to pay child
     support?
U Persons with written or court-ordered
  support agreement for nonhousehold member
  under 21 years of age
V          0 .Not applicable
V          1 .Yes
V          2 .No

D TM8722       6    458
     How much did ... pay for the support
     of this person during the past 12
     months
U Persons with written or court-ordered
  support agreement for nonhousehold member
  under 21 years of age
V     -00001 .DK
V     000000 .Not applicable
V 1 - 999999 .The amount ... paid for
V            .the support of this
V            .person during the past
V            .12 months

D TM8724       2    464
     Are these payments made--
U Persons with written or court-ordered
  support agreement for nonhousehold member
  under 21 years of age
V         -1 .DK
V         00 .Not applicable
V         01 .Through employment related wage
V            .withholding
V         02 .Directly to the other parent
V         03 .Directly to the court
V         04 .Directly to a child support
V            .agency
V         05 .Other

D TM8726       1    466
     What kinds of provisions for health care
     costs were included in the child support
     agreement
U Persons with written or court-ordered
  support agreement for nonhousehold member
  under 21 years of age
V          0 .Not applicable
V          1 .Non-custodial parent to provide
V            .health insurance

D TM8728       1    467
     What kinds of provisions for health care
     costs were included in the child support
     agreement
U Persons with written or court-ordered
  support agreement for nonhousehold member
  under 21 years of age
V          0 .Not applicable
V          1 .Custodial parent to provide
V            .health insurance
```

```
DATA        SIZE  BEGIN REP LENGTH

D TM8730       1    468
     What kinds of provisions for health care
     costs were included in the child support
     agreement
U Persons with written or court-ordered
  support agreement for nonhousehold member
  under 21 years of age
V           0 .Not applicable
V           1 .Non custodial parent to pay
V             .medical costs directly

D TM8732       1    469
     What kinds of provisions for health care
     costs were included in the child support
     agreement
U Persons with written or court-ordered
  support agreement for nonhousehold member
  under 21 years of age
V           0 .Not applicable
V           1 .Child support payments to
V             .include cash medical support

D TM8734       1    470
     What kinds of provisions for health care
     costs were included in the child support
     agreement
U Persons with written or court-ordered
  support agreement for nonhousehold member
  under 21 years of age
V           0 .Not applicable
V           1 .Other

D TM8736       2    471
     What kinds of provisions for health care
     costs were included in the child support
     agreement
U Persons with written or court-ordered
  support agreement for nonhousehold member
  under 21 years of age
V          00 .Not applicable
V          -3 .None

D TM8738       1    473
     (Other than the most recent support
     agreement discussed above), were any of
     ...'s other children outside of this
     household under age 21 covered by any
     other court-ordered and/or written child
     support agreement
U Persons with written or court-ordered
  support agreement for nonhousehold member
  under 21 years of age
V           0 .Not applicable
V           1 .Yes
V           2 .No - skip to TM8742

D TM8740       6    474
     How much did ... pay in child support for
     this/these agreement(s) during the past
     12 months
U Persons with more than one court-ordered
  and/or written child support agreement for
  nonhousehold member
V      -00001 .DK
V      000000 .Not applicable
V    1-999999 .Amount paid

D TM8742       1    480
     Were any child support payments made
     without a written child support agreement
     for ...'s children under age 21
U Persons with written or court-ordered
  support agreement for nonhousehold member
  under 21 years of age
V           0 .Not applicable
V           1 .Yes
V           2 .No - skip to TM8746

D TM8744       6    481
     How much did ... pay for child support
     under this arrangement during the
     past 12 months
U Persons who made child support payment
  without written agreement
V      -00001 .DK
V      000000 .Not applicable
V    1-999999 .The amount of child support ...
V             .paid during the past 12 months

D TM8746       1    487
     During the past 12 months, did ...
     make regular payments for the
     support of any other person not
     living in ...'s household
U Persons with written or court-ordered
  support agreement for nonhousehold member
  under 21 years of age
V           0 .Not applicable
V           1 .Yes
V           2 .No - skip to TM8800

D TM8748       2    488
     For how many (other) persons did ...
     make support payments
U Persons making payment for the support of
  any other person not living in household
V          -1 .DK
V          00 .Not applicable
V       01-99 .The number of other persons ...
V             .did make support payments for

**********************************************
* TM8750 thru TM8760 for the first two       *
* persons mentioned                          *
**********************************************

D TM8750       1    490
     First person
     How is this person related to ...
U Persons making payment for the support of
  any other person not living in household
V           0 .Not applicable
V           1 .Parent
V           2 .Spouse
V           3 .Ex-spouse
V           4 .Child under 21
V           5 .Child 21 or older
V           6 .Other relative
V           7 .Not related

D TM8752       1    491
     Second person
     How is this person related to ...
U Persons making payment for the support of
  any other person not living in household
V           0 .Not applicable
V           1 .Parent
V           2 .Spouse
V           3 .Ex-spouse
V           4 .Child under 21
V           5 .Child 21 or older
V           6 .Other relative
V           7 .Not related
```

```
OATA        SIZE  BEGIN REP LENGTH

0 TM8754      1    492
     First person
     Where was this person most often living
     during  the past 12 months was it in a
     private home or apartment, a nursing
     home, or someplace else
U Persons making payment for the support of
  any other person not living in household
V          0 .Not applicable
V          1 .Private home or apartment
V          2 .Nursing home
V          3 .Someplace else

0 TM8756      1    493
     Second person
     Where was this person most often living
     during the past 12 months.  Was it in a
     private home or apartment, a nursing
     home, or someplace else
U Persons making payment for the support of
  any other person not living in household
V          0 .Not applicable
V          1 .Private home or apartment
V          2 .Nursing home
V          3 .Someplace else

0 TM8758      6    494
     First person
     How much did ... pay for the support
     of this person during the past 12
     months
U Persons making payment for the support of
  any other person not living in household
V      -00001 .OK
V      000000 .Not applicable
V    1-999999 .The amount ... paid for
V             .the support of this
V             .person during the past
V             .12 months

0 TM8760      6    500
     Second person
     How much did ... pay for the support
     of this person during the past 12
     months
U Persons making payment for the support of
  any other person not living in household
V      -00001 .OK
V      000000 .Not applicable
V    1-999999 .The amount ... paid for
V             .the support of this
V             .person during the past
V             .12 months

0 TM8762      1    506
     Check item T6
     Is the entry in TM8748 '03' or more
U Persons making payment for the support of
  any other person not living in household
V          0 .Not applicable
V          1 .Yes
V          2 .No - skip to TM8800

0 TM8764      6    507
     How much did ... pay during the past
     12 months for the support of the
     other persons that we have not
     talked about already
U Persons making payments for the support of
  more than two persons not living in
  household
V      -00001 .OK
V      000000 .Not applicable
```

```
OATA        SIZE  BEGIN REP LENGTH

V    1-999999 .The amount ... paid
V             .during the past 12
V             .months for the
V             .support of the other persons

**********************************************
* Part C - Support for Nonhousehold Members *
* Imputation Flags (0-27)                    *
*                                            *
* The following 27 fields are imputation     *
* flags of the form IMPXXXX, where XX is the*
* source code number.                        *
*                                            *
* In all cases the range of values is        *
* (0:1).                                     *
* V         0 .Not imputed                   *
* V         1 .Imputed                       *
**********************************************

0 IMP8700     1    513
     Imputation of 'TM8700'

0 IMP8702     1    514
     Imputation of 'TM8702'

0 IMP8704     1    515
     Imputation of 'TM8704'

0 IMP8706     1    516
     Imputation of 'TM8706'

0 IMP8708     1    517
     Imputation of 'TM8708'

0 IMP8710     1    518
     Imputation of 'TM8710'

0 IMP8712     1    519
     Imputation of 'TM8712'

0 IMP8714     1    520
     Imputation of 'TM8714'

0 IMP8716     1    521
     Imputation of 'TM8716'

0 IMP8718     1    522
     Imputation of 'TM8718'

0 IMP8720     1    523
     Imputation of 'TM8720'

0 IMP8722     1    524
     Imputation of 'TM8722'

0 IMP8724     1    525
     Imputation of 'TM8724'

0 IMP26-36    1    526
     Imputation of 'TM8726 thru TM8736'

0 IMP8738     1    527
     Imputation of 'TM8738'

0 IMP8740     1    528
     Imputation of 'TM8740'

0 IMP8742     1    529
     Imputation of 'TM8742'

0 IMP8744     1    530
     Imputation of 'TM8744'
```

```
DATA          SIZE  BEGIN REP LENGTH

D IMP8746       1     531
     Imputation of 'TM8746'

D IMP8748       1     532
     Imputation of 'TM8748'

D IMP8750       1     533
     Imputation of 'TM8750'

D IMP8752       1     534
     Imputation of 'TM8752'

D IMP8754       1     535
     Imputation of 'TM8754'

D IMP8756       1     536
     Imputation of 'TM8756'

D IMP8758       1     537
     Imputation of 'TM8758'

D IMP8760       1     538
     Imputation of 'TM8760'

D IMP8764       1     539
     Imputation of 'TM8764'

D FILLER        1     540
     Filler

**********************************************
*  Part D - Functional Limitations and       *
*  Disability                                *
**********************************************


D TM8800        1     541
     These next few questions are about
     ...'s health. Would you say ...'s
      health in general is excellent,
      very good, good, fair or poor?
U Persons 15 years of age and over
V          0 .Not applicable
V          1 .Excellent
V          2 .Very good
V          3 .Good
V          4 .Fair
V          5 .Poor

D TM8802        1     542
     Does ... use any of the following
     aids to get around?
U Persons 15 years of age and over
V          A .A cane,crutches or a walker
V          0 .Not applicable
V          1 .Yes
V          2 .No

D TM8804        1     543
     Does ... use any of the following
     aids to get around?
U Persons 15 years of age and over
V          B .A Wheelchair
V          0 .Not applicable
V          1 .Yes
V          2 .No

DATA          SIZE  BEGIN REP LENGTH

D TM8806        1     544
     Is "yes" marked in TM8802 or TM8804
     above?
     Check item T7
U Persons 15 years of age and over
V          0 .Not applicable
V          1 .Yes
V          2 .No - Skip to TM8810

D TM8808        1     545
     Has ... used (aid mentioned in TM8802 or
     TM8804) for six months or longer?
U Persons who use aid to get around
V          0 .Not applicable
V          1 .Yes
V          2 .No

D TM8810        1     546
     Does ... have any difficulty seeing words
     and letters in ordinary newspaper print
     even when wearing glasses or contact
     lenses if ... usually wears them?
U Persons 15 years of age and over
V          0 .Not applicable
V          1 .Has difficulty
V          2 .No difficulty- skip to TM8814

D TM8812        1     547
     Is ... able to see the words and letters
     in ordinary newsprint at all?
U Persons who have difficulty seeing words and
  letters in ordinary newspaper print when
  wearing glasses
V          0 .Not applicable
V          1 .Yes
V          2 .No

D TM8814        1     548
     Does...have any difficulty hearing
     another person?  (using a hearing
     aid if...usually wears one.)
U Persons 15 years of age and over
V          0 .Not applicable
V          1 .Has difficulty
V          2 .No difficulty- skip to TM8818

D TM8816        1     549
     Is...able to hear what is said in
     a normal conversation at all?
U Persons who have difficulty hearing what is
  said in a normal conversation using a
  hearing aid if normally wears one
V          0 .Not applicable
V          1 .Yes
V          2 .No

D TM8818        1     550
     Because of a health condition
     or a problem,  does ....
     have any trouble having
     his/her speech understood?
U Persons 15 years of age and over
V          0 .Not applicable
V          1 .Has difficulty
V          2 .No difficulty  - skip To TM8822
```

```
DATA        SIZE  BEGIN REP LENGTH

D TM8820       1    551
     Is ... able to have his/her speech
     understood at all?
U Persons who have difficulty having speech
  understood
V          0 .Not applicable
V          1 .Yes
V          2 .No

D TM8822       1    552
     Does...have any difficuly lifting and
     carrying something as heavy as 10 lbs.,
     such as a full bag of groceries?
U Persons 15 years of age and over
V          0 .Not applicable
V          1 .Has difficulty
V          2 .No difficulty- skip to TM8826

D TM8824       1    553
     Is...able to lift and carry this
     much weight at all?
U Persons who have difficulty lifting and
  carrying something as heavy as 10 lbs.
V          0 .Not applicable
V          1 .Yes
V          2 .No

D TM8826       1    554
     Does...have any difficulty walking
     up a flight of stairs without resting?
U Persons 15 years of age and over
V          0 .Not applicable
V          1 .Has difficulty
V          2 .No difficulty- skip to TM8830

D TM8828       1    555
     Is...able to walk up a flight of stairs
     without resting at all?
U Persons who have difficulty walking up a
  up a flight of stairs without resting
V          0 .Not applicable
V          1 .Yes
V          2 .No

D TM8830       1    556
     Does...have any difficulty walking
     for a quarter of a mile -
     about 3 city blocks?
U Persons 15 years of age and over
V          0 .Not applicable
V          1 .Has difficulty
V          2 .No difficulty-skip to TM8834

D TM8832       1    557
     Is ... able to walk a quarter of a mile
     at all?
U Persons who have difficulty walking a
  quarter of a mile
V          0 .Not applicable
V          1 .Yes
V          2 .No

D TM8834       1    558
     Does ... have any difficulty using
     the telephone?
U Persons 15 years of age and over
V          0 .Not applicable
V          1 .Has difficulty
V          2 .No difficulty-skip to TM8838

DATA        SIZE  BEGIN REP LENGTH

D TM8836       1    559
     Is ... able to use the telephone at all?
U Persons who have difficulty using the
  telephone
V          0 .Not applicable
V          1 .Yes
V          2 .No

**********************************************
*  Because of a physical or mental health    *
*  condition, does ... have difficulty       *
*  doing any of the  following by himself/   *
*  herself(exclude the effects of temporary  *
*  conditions)?                              *
**********************************************

D TM8838       1    560
     Does ... have any difficulty getting
     around inside the home?
U Persons 15 years of age or older
V          0 .Not applicable
V          1 .Has difficulty
V          2 .No difficulty

D TM8839       1    561
     Does...need the help of another person
     in order to get around inside the house?
U Persons with difficulty getting around
  inside the house
V          0 .Not applicable
V          1 .Yes
V          2 .No

D TM8840       1    562
     Does...have any difficulty getting
     around outside the the home, for example
     to shop or visit a doctor's office?
U Persons 15 years of age or older
V          0 .Not applicable
V          1 .Has difficulty
V          2 .No difficulty

D TM8841       1    563
     Does...need the help of another person
     in order to get around outside the home
U Persons with difficulty going outside the
  home
V          0 .Not applicable
V          1 .Yes
V          2 .No

D TM8842       1    564
     Does ... have any difficulty getting into
     and out of bed or a chair?
U Persons 15 years of age or older
V          0 .Not applicable
V          1 .Has difficulty
V          2 .No difficulty

D TM8843       1    565
     Does ... need the help of another person
     in order to get in and out of bed or
     a chair?
U Persons with difficulty getting in and out
  of bed or a chair
V          0 .Not applicable
V          1 .Yes
V          2 .No
```

```
DATA        SIZE  BEGIN REP LENGTH

D TM8844      1     566
     Does ... have any difficulty taking a
     bath or a shower?
U Persons 15 years of age or older
V          0 .Not applicable
V          1 .Has difficulty
V          2 .No difficulty

D TM8845      1     567
     Does ... need the help of another person
     in order to take a bath?
U Persons with difficulty taking a bath or
  shower
V          0 .Not applicable
V          1 .Yes
V          2 .No

D TM8846      1     568
     Does ... have any difficulty getting
     dressed?
U Persons 15 years of age or older
V          0 .Not applicable
V          1 .Has difficulty
V          2 .No difficulty

D TM8847      1     569
     Does ... need the help of another person
     in order to get dressed?
U Persons who have difficulty getting dressed
V          0 .Not applicable
V          1 .Yes
V          2 .No

D TM8848      1     570
     Does ... have any difficulty walking?
U Persons 15 years of age or older
V          0 .Not applicable
V          1 .Has difficulty
V          2 .No difficulty

D TM8849      1     571
     Does ... need the help of another person
     in order to walk?
U Persons who have difficulty walking
V          0 .Not applicable
V          1 .Yes
V          2 .No

D TM8850      1     572
     Does ... have any difficulty eating?
U Persons 15 years of age or older
V          0 .Not applicable
V          1 .Has difficulty
V          2 .No difficulty

D TM8851      1     573
     Does ... need the help of another person
     in order to eat?
U Persons with difficulty eating
V          0 .Not applicable
V          1 .Yes
V          2 .No

D TM8852      1     574
     Does ... have any difficulty using the
     toilet including getting to the toilet
U Persons 15 years of age or older
V          0 .Not applicable
V          1 .Has difficulty
V          2 .No difficulty
```

```
DATA        SIZE  BEGIN REP LENGTH

D TM8853      1     575
     Does...need the help of another person
     in order to use the toilet?
U Persons with difficulty using the toilet
  including getting to the toilet
V          0 .Not applicable
V          1 .Yes
V          2 .No

D TM8854      1     576
     Does ... have any difficulty keeping
     track of money and bills?
U Persons 15 years of age or older
V          0 .Not applicable
V          1 .Has difficulty
V          2 .No difficulty

D TM8855      1     577
     Does ... need the help of another person
     in order to keep track of money and bills
U Person with difficulty keeping track of
  money and bills
V          0 .Not applicable
V          1 .Yes
V          2 .No

D TM8856      1     578
     Does ... have any difficulty preparing
     meals?
U Persons 15 years or older
V          0 .Not applicable
V          1 .Has difficulty
V          2 .No difficulty

D TM8857      1     579
     Does ... need the help of another person
     in order to prepare meals?
U Persons with difficulty preparing meals
V          0 .Not applicable
V          1 .Yes
V          2 .No

D TM8858      1     580
     Does ... have any difficulty doing light
     housework, such as washing dishes or
     sweeping a floor?
U Persons 15 years of age or older
V          0 .Not applicable
V          1 .Has difficulty
V          2 .No difficulty

D TM8859      1     581
     Does ... need the help of another person
     in order to do light housework
U Persons who have difficulty doing light
  housework
V          0 .Not applicable
V          1 .Yes
V          2 .No

D TM8860      1     582
     Check item T8
     Is "Yes" marked for needing another
     person to help for any of the
     activities listed before?
U Persons 15 years older or older
V          0 .Not applicable
V          1 .Yes - go to TM8876
V          2 .No - skip to TM8890
```

```
DATA        SIZE  BEGIN REP LENGTH

D TM8876       1     583
     You have said that ... needs the help of
     another person with one or more
     activities.
     Who helps ... with these activities?
     Anyone else?
U Persons who need help of another person with
  one or more activities
V          First helper
V          0 .Not applicable
V          1 .Son
V          2 .Daughter
V          3 .Spouse
V          4 .Parent
V          5 .Other relative
V          Nonrelative
V          6 .Friend or neighbor
V          7 .Paid help
V          8 .Other nonrelative
V          9 .Did not receive help - skip to
             .TM8892

D TM8878       1     584
     You have said that ... needs the help of
     another person with one or more
     activities.
     Who helps ... with these activities?
     Anyone else?
U Persons who need help of another person with
  one or more activities
V          Second helper
V          0 .Not applicable
V          1 .Son
V          2 .Daughter
V          3 .Spouse
V          4 .Parent
V          5 .Other relative
V          Nonrelative
V          6 .Friend or neighbor
V          7 .Paid help
V          8 .Other nonrelative

D TM8880       1     585
     Is (person mentioned before) a
     household member?
     First Helper
U Persons who need help of another person with
  one or more activities
V          0 .Not applicable
V          1 .Yes

D TM8882       1     586
     Is (person mentioned before) a
     household member?
     Second Helper
U Persons who need help of another person with
  one or more activities
V          0 .Not applicable
V          1 .Yes

D TM8883       3     587
     Is (person mentioned before) a
     household member?
     First Helper
U Persons who need help of another person with
  one or more activities
V        000 .Not applicable
V  101 - 999 .Person number

DATA        SIZE  BEGIN REP LENGTH

D TM8884       3     590
     Is (person mentioned before) a
     household member?
     Second Helper
U Persons who need help of another person with
  one or more activities
V        000 .Not applicable
V  101 - 999 .Person number

D TM8885       1     593
     Is (person mentioned before) a
     household member?
     First Helper
U Persons who need help of another person with
  one or more activities
V      0 - 1 .Not applicable
V          2 .No

D TM8886       1     594
     Is (person mentioned before) a
     household member?
     Second Helper
U Persons who need help of another person with
  one or more activities
V      0 - 1 .Not applicable
V          2 .No

D TM8887       1     595
     For how long has ... needed the
     help of another person?
U Persons who need help of another person with
  one or more activities
V          0 .Not applicable
V          1 .Less than 6 months
V          2 .6 to 11 months
V          3 .1 to 2 years
V          4 .3 to 5 years
V          5 .More than 5 years

D TM8888       2     596
     During the past month did ... (or ...'s)
     family pay for any of that ... received?
U Persons who need help of another person with
  one or more activities
V         -1 .Don't know - skip to TM8892
V         00 .Not applicable
V         01 .Yes
V         02 .No - skip to TM8892

D TM8889       6     598
     How much was paid for such help in last
     month?
U Persons or families who paid for help
  received
V     -00001 .Don't know
V     000000 .Not applicable
V   1-999999 .Dollars

D TM8890       1     604
     Check item T9
     Is "Has difficulty" marked in TM8822,
     TM8826, TM8830, TM8834, TM8838 for any
     activity
U Persons 15 years of age and over
V          0 .Not appicable
V          1 .Yes
V          2 .No  - skip to TM8902
```

```
DATA        SIZE  BEGIN REP LENGTH

D TM8892       2    605
     I have recorded that ... has difficulty
     with certain activities.  Which condition
     or conditions on this card cause this
     difficulty?  Any other?
U Persons having difficulty with any activity
V         00 .Not applicable
V    01 - 99 .First condition

D TM8894       2    607
     I have recorded that ... has difficulty
     with certain activities.  Which
     condition or conditions on this card
     cause this difficulty?  Any other?
U Persons having difficulty with any activity
V         00 .Not applicable
V    01 - 99 .Second condition

D TM8896       2    609
     I have recorded that ... has difficulty
     with certain activities.  Which condition
     or conditions on this card cause this
     difficulty?  Any other?
U Persons having difficulty with any activity
V         00 .Not applicable
V    01 - 99 .Third condition

D TM8898       1    611
     Check item T10
     Are two or more conditions entered in
     TM8892  -TM8896?
U Persons having difficulty with any activity
V          0 .Not applicable
V          1 .Yes
V          2 .No -  skip to TM8902

D TM8900       2    612
     Which if the conditions do you consider
     to be the main reason for ...'s
     difficulty?
U Persons with two or more conditions causing
  difficulty with activities
V         00 .Not applicable
V    01 - 99 .Main condition

D TM8902       1    614
     Does ... have a learning disability
     such as dyslexia?
U Persons with two or more conditions causing
  difficulty with activities
V          0 .Not applicable
V          1 .Yes
V          2 .No

D TM8904       1    615
     Does ... have a mental retardation?
U Persons with two or more conditions causing
  difficulty with activities
V          0 .Not applicable
V          1 .Yes
V          2 .No

D TM8906       1    616
     Does ... have a a developmental dis-
     ability such as autism or cerebral palsy?
U Persons with two or more conditions causing
  difficulty with activities
V          0 .Not applicable
V          1 .Yes
V          2 .No
```

```
DATA        SIZE  BEGIN REP LENGTH

D TM8908       1    617
     Does ... have Alzheimer's disease,
     senility or dementia?
U Persons with two or more conditions causing
  difficulty with activities
V          0 .Not applicable
V          1 .Yes
V          2 .No

D TM8910       1    618
     Does ... have a any other mental or
     emotional condition?
U Persons with two or more conditions causing
  difficulty with activities
V          0 .Not applicable
V          1 .Yes
V          2 .No

D TM8912       1    619
     Check Item T11
     What is ....'s age?
U Persons 15 years of age or older
V          0 .Not applicable
V          1 .15 years old - skip to TM8942
V          2 .16 to 67 years old
V          3 .68 years old or older - skip
V            .to TM8926

D TM8914       1    620
     Check Item T12
     Is "disabled" (code 171) marked on the
     control card for ...?
U Persons 16 to 67 years of age
V          0 .Not applicable
V          1 .Yes - skip to TM8918
V          2 .No

D TM8916       1    621
     Check item T13
     Is "disabled" (code 171) marked on the
     ISS?
U Persons 16 to 67 years of age with disabled
  not marked on the control card
V          0 .Not applicable
V          1 .Yes
V          2 .No - skip to TM8920

D TM8918       1    622
     We have recorded that ...'s health or
     condition limits the kind or amount
     of work ... can do.  Is that correct?
U Persons with disabled marked on ISS
V          0 .Not applicable
V          1 .Yes - skip to TM8922
V          2 .No - skip to TM8926

D TM8920       1    623
     Does ... have a physical, mental or other
     health condition which limits the kind or
     amount of work ... can do?
U Persons with disabled marked on control card
  or ISS
V          0 .Not applicable
V          1 .Yes - Mark "171" on ISS
V          2 .No - Skip to TM8926
```

DATA SIZE BEGIN REP LENGTH

D TM8922 1 624
Check item T14
Is "Worked" (code 170) marked on ISS?
U Persons 16 to 67 years of age with disability
V 0 .Not applicable
V 1 .Yes - skip to TM8926
V 2 .No

D TM8924 1 625
Does ...'s health or condition prevent .. from working at a job or business?
U Persons 16 to 67 years of age with disability and with worked marked on ISS
V 0 .Not applicable
V 1 .Yes
V 2 .No

D TM8926 1 626
Does ... have a physical, mental or other health condition which limits the kind or amount of work ... can do around the house?
U Persons 16 to 67 years of age with disability and with worked marked on ISS
V 0 .Not applicable
V 1 .Yes
V 2 .No - skip to TM8930

D TM8928 1 627
Does ...'s health or condition completely prevent ... from doing work around the house?
U Persons 16 years of age or older with health condition that limits amount of work can do around the house
V 0 .Not applicable
V 1 .Yes
V 2 .No

D TM8930 1 628
Check item T15
Is "yes" marked in TM8918, TM8920 or TM8926?
U Persons 16 years of age or older with health condition that limits amount of work can do around the house
V 0 .Not applicable
V 1 .Yes
V 2 .No - Skip to TM8942

D TM8932 2 629
I have marked that ... is limited in working at a job or around the house - which condition or conditions on this card are the cause of this limitation?
U Persons 16 years of age or over with health condition that limits amount of work
V 00 .Not applicable
V 01 - 99 .First condition

D TM8934 2 631
I have marked that ... is limited in working at a job or around the house - which condition or conditions on this card are the cause of this limitation?
U Persons 16 years of age or over with health condition that limits amount of work
V 00 .Not applicable
V 01 - 99 .Second condition

DATA SIZE BEGIN REP LENGTH

D TM8936 2 633
I have marked that ... is limited in working at a job or around the house - which condition or conditions on this card are the cause of this limitation?
U Persons 16 years of age or over with health condition that limits amount of work
V 00 .Not applicable
V 01 - 99 .Third condition

D TM8938 1 635
Check item T16
Are two or more conditions entered in TM8932, TM8934, and TM8936
U Persons 16 years of age or over with health condition that limits amount of work
V 0 .Not applicable
V 1 .Yes
V 2 .No - skip to TM8942

D TM8940 2 636
Which of the conditions do you consider the main reason for the limitation?
U Persons 16 years of age or over with two or limiting health conditions
V 00 .Not applicable
V 01 - 99 .Main condition

D TM8942 1 638
Check item T17
Is ...the designated parent or guardian of children under the age of 6 who live in this household?
U Persons 16 years of age or over with two or limiting health conditions
V 0 .Not applicable
V 1 .Yes
V 2 .No - skip to TM8960

D TM8944 1 639
Because of a physical,learning or mental health condition, do any of ...'s children under 6 years of age have any limitations at all in the usual kind of activities done by most children their age?
U Designated parent or guardian of children under the age of 6 who live in this household
V 0 .Not applicable
V 1 .Yes
V 2 .No - skip to TM8952

D TM8946 3 640
Which children have activity limitations?
U Designated parent or guardian with children under 6 years of age with limitations in usual kind of activities
V 000 .Not applicable
V 101 - 999 .Person number

D TM8948 3 643
Which children have activity limitations?
U Designated parent or guardian with children under 6 years of age with limitations in usual kind of activities
V 000 .Not applicable
V 101 - 999 .Person number

```
DATA          SIZE  BEGIN REP LENGTH

D TM8950       3     646
     Which children have activity limitations?
U Designated parent or guardian with children
  under 6 years of age with limitations in
  usual kind of activities
V        000 .Not applicable
V  101 - 999 .Person number

D TM8952       1     649
     Have any of ...'s children under the age
     of 6 received therapy or diagnostic
     services designed to meet their
     developmental needs?
U Designated parent or guardian with children
  under 6 years of age with limitations in
  usual kind of activities
V          0 .Not applicable
V          1 .Yes
V          2 .No - skip to TM8960

D TM8954       3     650
     Which children have received these
     services?
U Parent or guardian with children under age
  6 who have received therapy or diagnostic
  services designed to meet their develop-
  mental needs
V        000 .Not applicable
V  101 - 999 .Person number

D TM8956       3     653
     Which children have received these
     services?
U Parent or guardian with children under age
  6 who have received therapy or diagnostic
  services designed to meet their develop-
  mental needs
V        000 .Not applicable
V  101 - 999 .Person number

D TM8958       3     656
     Which children have received these
     services?
U Parent or guardian with children under age
  6 who have received therapy or diagnostic
  services designed to meet their develop-
  mental needs
V        000 .Not applicable
V  101 - 999 .Person number

D TM8960       1     659
     Check item T18
     Is ... the designated parent or guardian
     of children between the ages of 6 and 21
     who live in this household?
U Parent or guardian with children under age
  6 who have received therapy or diagnostic
  services designed to meet their develop-
  mental needs
V          0 .Not appilcable
V          1 .Yes
V          2 .No - skip to TM8986

D TM8962       1     660
     Because of a physical, learning or mental
     health condition, do any of ...'s
     children between the ages of 6 and 21
     have limitations in their ability to do
     regular school work?
```

```
DATA          SIZE  BEGIN REP LENGTH

U Designated parent or guardian of children
  between the ages of 6 and 21 who live in
  this household
V          0 .Not applicable
V          1 .Yes
V          2 .No - skip to TM8970

D TM8964       3     661
     Which children have difficulty doing
     regular school work?
U Designated parent or guardian of children
  between the ages of 6 and 21 who live in
  this household with limitations in their
  ability to do regular school work
V        000 .Not applicable
V  101 - 999 .Person number

D TM8966       3     664
     Which children have difficulty doing
     regular school work?
U Designated parent or guardian of children
  between the ages of 6 and 21 who live in
  this household with limitations in their
  ability to do regular school work
V        000 .Not applicable
V  101 - 999 .Person number

D TM8968       3     667
     Which children have difficulty doing
     regular school work?
U Designated parent or guardian of children
  between the ages of 6 and 21 who live in
  this household with limitations in their
  ability to do regular school work
V        000 .Not applicable
V  101 - 999 .Person number

D TM8970       1     670
     Have any of ...'s children between the
     ages of 6 and 21 ever received any
     special education services?
U Designated parent or guardian of children
  between the ages of 6 and 21 who live in
  this household with limitations in their
  ability to do regular school work
V          0 .Not applicable
V          1 .Yes
V          2 .No - skip to TM8986

D TM8972       3     671
     Which children have received special
     education services?
U Designated parent or guardian of children
  between the ages of 6 and 21 who live in
  this household and have received special
  education services
V        000 .Not applicable
V  101 - 999 .Person number

D TM8974       3     674
     Which children have received special
     education services?
U Designated parent or guardian of children
  between the ages of 6 and 21 who live in
  this household and have received special
  education services
V        000 .Not applicable
V  101 - 999 .Person number
```

```
DATA        SIZE  BEGIN REP LENGTH

D TM8976       3     677
     Which children have received special
     education services?
U Designated parent or guardian of children
  between the ages of 6 and 21 who live in
  this household and have received special
  education services
V        000 .Not applicable
V  101 - 999 .Person number

D TM8978       1     680
     Are any of ...'s children between the
     ages of 6 and 21 currently receiving
     special education services?
U Designated parent or guardian of children
  between the ages of 6 and 21 who live in
  this household and have received special
  education services
V          0 .Not applicable
V          1 .Yes
V          2 .No - skip to TM8986

D TM8980       3     681
     Which children are currently receiving
     special education services?
U Designated parent or guardian of children
  between the ages of 6 and 21 who live in
  this household and are receiving special
  education services
V        000 .Not applicable
V  101 - 999 .Person number

D TM8982       3     684
     Which children are currently receiving
     special education services?
U Designated parent or guardian of children
  between the ages of 6 and 21 who live in
  this household and are receiving special
  education services
V        000 .Not applicable
V  101 - 999 .Person number

D TM8984       3     687
     Which children are currently receiving
     special education services?
U Designated parent or guardian of children
  between the ages of 6 and 21 who live in
  this household and are receiving special
  education services
V        000 .Not applicable
V  101 - 999 .Person number

D TM8986       1     690
     Check item T19
     Is ... the designated parent or guardian
     of children between the ages of 3 and 14
     who live in this household?
U Designated parent or guardian of children
  between the ages of 6 and 21 who live in
  this household and are receiving special
  education services
V          0 .Not appilcable
V          1 .Yes
V          2 .No - skip to TM8996

D TM8988       1     691
     Do any of ...'s children between the age
     of 3 and 14 have a long lasting condition
     that limits their ability to walk, run or
     use stairs?
U Designated parent or guardian of children
  between the ages of 3 and 14 who live in
  this household
V          0 .Not applicable
V          1 .Yes
V          2 .No - skip to TM8996

D TM8990       3     692
     Which children have difficulty with
     these activities?
U Designated parent or guardian of children
  between the ages of 3 and 14 who live in
  this household and have a long lasting
  condition that limits their ability to walk,
  run, or use stairs
V        000 .Not applicable
V  101 - 999 .Person number

D TM8992       3     695
     Which children have difficulty with
     these activities?
U Designated parent or guardian of children
  between the ages of 3 and 14 who live in
  this household and have a long lasting
  condition that limits their ability to walk,
  run, or use stairs
V        000 .Not applicable
V  101 - 999 .Person number

D TM8994       3     698
     Which children have difficulty with
     these activities?
U Designated parent or guardian of children
  between the ages of 3 and 14 who live in
  this household and have a long lasting
  condition that limits their ability to walk,
  run, or use stairs
V        000 .Not applicable
V  101 - 999 .Person number

D TM8996       1     701
     Check item T20
     Are any person numbers recorded in
     TM8946 through TM8994?
U Designated parent or guardian of children
  between the ages of 3 and 14 who live in
  this household and have a long lasting
  condition that limits their ability to walk,
  run, or use stairs
V          0 .Not applicable
V          1 .Yes
V          2 .No - skip to TM9022

D TM8998       3     702
     I have recorded that (read the name of
     children identified in TM8946 through
     TM8996) have difficulty(ies) with certain
     activities?  Which conditiion or
     conditions are responsible for these
     difficulties?
     First child
U Designated parent or guardian of children
  between the ages of 3 and 14 who live in
  this household and have difficult(ies)
  with certain activities
V        000 .Not applicable
V  101 - 999 .Person number
```

DATA SIZE BEGIN REP LENGTH

D TM9000 2 705
Which conditiion or conditions are responsible for these difficulties? First child
U Designated parent or guardian of children between the ages of 3 and 14 who live in this household and have difficult(ies) with certain activities
V 00 .Not applicable
V 01 - 99 .First condition

D TM9002 2 707
Which conditiion or conditions are responsible for these difficulties? First child
U Designated parent or guardian of children between the ages of 3 and 14 who live in this household and have difficult(ies) with certain activities
V 00 .Not applicable
V 01 - 99 .Second Condition

D TM9004 2 709
Which conditiion or conditions are responsible for these difficulties? First child
U Designated parent or guardian of children between the ages of 3 and 14 who live in this household and have difficult(ies) with certain activities
V 00 .Not applicable
V 01 - 99 .Third condition

D TM9006 3 711
Which conditiion or conditions are responsible for these difficulties? Second child
U Designated parent or guardian of children between the ages of 3 and 14 who live in this household and have difficult(ies) with certain activities
V 000 .Not applicable
V 101 - 999 .Person number

D TM9008 2 714
Which conditiion or conditions are responsible for these difficulties? Second child
U Designated parent or guardian of children between the ages of 3 and 14 who live in this household and have difficult(ies) with certain activities
V 00 .Not applicable
V 01 - 99 .First condition

D TM9010 2 716
Which conditiion or conditions are responsible for these difficulties? Second child
U Designated parent or guardian of children between the ages of 3 and 14 who live in this household and have difficult(ies) with certain activities
V 00 .Not applicable
V 01 - 99 .Second condition

D TM9012 2 718
Which conditiion or conditions are responsible for these difficulties? Second child
U Designated parent or guardian of children between the ages of 3 and 14 who live in this household and have difficult(ies) with certain activities
V 00 .Not applicable
V 01 - 99 .Third condition

D TM9014 3 720
Which conditiion or conditions are responsible for these difficulties? Third child
U Designated parent or guardian of children between the ages of 3 and 14 who live in this household and have difficult(ies) with certain activities
V 000 .Not applicable
V 101 - 999 .Person number

D TM9016 2 723
Which conditiion or conditions are responsible for these difficulties? Third child
U Designated parent or guardian of children between the ages of 3 and 14 who live in this household and have difficult(ies) with certain activities
V 00 .Not applicable
V 01 - 99 .First condition

D TM9018 2 725
Which conditiion or conditions are responsible for these difficulties? Third child
U Designated parent or guardian of children between the ages of 3 and 14 who live in this household and have difficult(ies) with certain activities
V 00 .Not applicable
V 01 - 99 .Second condition

D TM9020 2 727
Which conditiion or conditions are responsible for these difficulties? Third child
U Designated parent or guardian of children between the ages of 3 and 14 who live in this household and have difficult(ies) with certain activities
V 00 .Not applicable
V 01 - 99 .Third condition

D TM9022 1 729
In the last 12 months, has ... applied for Social Security disability or SSI for him/herself?
U Designated parent or guardian of children between the ages of 3 and 14 who live in this household and have difficult(ies) with certain activities
V 0 .Not applicable
V 1 .Yes
V 2 .No - skip to TM9100

D TM9024 1 730
Is ... receiving Social Security disablility or SSI benefits?
U Designated parent or guardian who has ever applied for Social Security disability benefits for him/herself and who has children between the ages of 3 and 14 who live in this household and have difficult(ies) with certain activities
V 0 .Not applicable
V 1 .Yes
V 2 .No - skip to TM9100

```
DATA          SIZE  BEGIN REP LENGTH

D TM9026       4     731
     In which of the past 12 months did ...
     first receive Social Security disablility
     or SSI benefits?
U Designated parent or guardian who has ever
  applied for Social Security disability
  benefits for him/herself and who has
  children between the ages of 3 and 14 who
  live in this household and have diffi-
  cult(ies) with certain activities
V       0000 .Not applicable
V       -001 .Don't Know
V  0001-0012 .Month

********************************************
*  The following 72 fields are imputation  *
*  flags of the form TM-IFXX, where XX is  *
*  the number of the flag.  In all cases   *
*  the range of values is (0:1)            *
*  V          0 .Not imputed               *
*  V          1 .Imputed                   *
********************************************

D IM8800       1     735
     Imputation of 'TM8800'

D IM8802       1     736
     Imputation of 'TM8802'

D IM8804       1     737
     Imputation of 'TM8804'

D IM8808       1     738
     Imputation of 'TM8808'

D IM8810       1     739
     Imputation of 'TM8810'

D IM8812       1     740
     Imputation of 'TM8812'

D IM8814       1     741
     Imputation of 'TM8814'

D IM8816       1     742
     Imputation of 'TM8816'

D IM8818       1     743
     Imputation of 'TM8818'

D IM8820       1     744
     Imputation of 'TM8820'

D IM8822       1     745
     Imputation of 'TM8822'

D IM8824       1     746
     Imputation of 'TM8824'

D IM8826       1     747
     Imputation of 'TM8826'

D IM8828       1     748
     Imputation of 'TM8828'

D IM8830       1     749
     Imputation of 'TM8830'

D IM8832       1     750
     Imputation of 'TM8832'
```

```
DATA          SIZE  BEGIN REP LENGTH

D IM8834       1     751
     Imputation of 'TM8834'

D IM8836       1     752
     Imputation of 'TM8836'

D IM8838       1     753
     Imputation of 'TM8838'

D IM8839       1     754
     Imputation of 'TM8839'

D IM8840       1     755
     Imputation of 'TM8840'

D IM8841       1     756
     Imputation of 'TM8841'

D IM8842       1     757
     Imputation of 'TM8842'

D IM8843       1     758
     Imputation of 'TM8843'

D IM8844       1     759
     Imputation of 'TM8844'

D IM8845       1     760
     Imputation of 'TM8845'

D IM8846       1     761
     Imputation of 'TM8846'

D IM8847       1     762
     Imputation of 'TM8847'

D IM8848       1     763
     Imputation of 'TM8848'

D IM8849       1     764
     Imputation of 'TM8849'

D IM8850       1     765
     Imputation of 'TM8850'

D IM8851       1     766
     Imputation of 'TM8851'

D IM8852       1     767
     Imputation of 'TM8852'

D IM8853       1     768
     Imputation of 'TM8853'

D IM8854       1     769
     Imputation of 'TM8854'

D IM8855       1     770
     Imputation of 'TM8855'

D TM8856       1     771
     Imputation of 'TM8856'

D TM8857       1     772
     Imputation of 'TM8857'

D TM8858       1     773
     Imputation of 'TM8858'

D TM8859       1     774
     Imputation of 'TM8859'
```

```
DATA          SIZE  BEGIN REP LENGTH

D TM8876        1     775
     Imputation of 'TM8876'

D TM8878        1     776
     Imputation of 'TM8878'

D TM8887        1     777
     Imputation of 'TM8887'

D TM8888        1     778
     Imputation of 'TM8888'

D TM8889        1     779
     Imputation of 'TM8889'

D TM8892        1     780
     Imputation of 'TM8892'

D TM8894        1     781
     Imputation of 'TM8894'

D TM8896        1     782
     Imputation of 'TM8896'

D TM8902        1     783
     Imputation of 'TM8902'

D TM8904        1     784
     Imputation of 'TM8904'

D TM8906        1     785
     Imputation of 'TM8906'

D TM8908        1     786
     Imputation of 'TM8908'

D TM8910        1     787
     Imputation of 'TM8910'

D TM8918        1     788
     Imputation of 'TM8918'

D TM8924        1     789
     Imputation of 'TM8924'

D TM8926        1     790
     Imputation of 'TM8926'

D TM8928        1     791
     Imputation of 'TM8928'

D TM8932        1     792
     Imputation of 'TM8932'

D TM8934        1     793
     Imputation of 'TM8934'

D TM8936        1     794
     Imputation of 'TM8936'

D TM9000        1     795
     Imputation of 'TM9000'

D TM9002        1     796
     Imputation of 'TM9002'

D TM9004        1     797
     Imputation of 'TM9004'

D TM9008        1     798
     Imputation of 'TM9008'

DATA          SIZE  BEGIN REP LENGTH

D TM9010        1     799
     Imputation of 'TM9010'

D TM9012        1     800
     Imputation of 'TM9012'

D TM9016        1     801
     Imputation of 'TM9016'

D TM9018        1     802
     Imputation of 'TM9018'

D TM9020        1     803
     Imputation of 'TM9020'

D TM9022        1     804
     Imputation of 'TM9022'

D TM9024        1     805
     Imputation of 'TM9024'

D TM9026        1     806
     Imputation of 'TM9026'

D FILLER        2     807
     Filler

*********************************************
*  Part E - Utilization of Health Care      *
*  Services                                 *
*********************************************

D TM9100        1     809
     During the past 12 months, was ....
     a patient in a hospital overnight
     or longer?
U Persons 15 years of age or older
V          0 .Not applicable
V          1 .Yes
V          2 .No - skip to TM9122

D TM9102        2     810
     How many different times did .... stay
     in a hospital overnight or longer during
     the past 12 months?
U Patients in a hospital overnight or longer
  during the past 12 months
V         -1 .Don't know
V         00 .Not applicable
V    01 - 99 .Times

D TM9104        1     812
     What was the reason for ...'s last
     hospital stay?
U Patients in a hospital overnight or longer
  during the past 12 months
V          0 .Not applicable
V          1 .Child birth

D TM9106        1     813
     What was the reason for ...'s last
     hospital stay?
U Patients in a hospital overnight or longer
  during the past 12 months
V          0 .Not applicable
V          1 .Surgery or operation (incl. bone
V            .setting or getting stitches)
```

```
DATA        SIZE  BEGIN REP LENGTH

D TM9108       1    814
     What was the reason for ...'s last
     hospital stay?
U Patients in a hospital overnight or longer
  during the past 12 months
V           0 .Not applicable
V           1 .Other medical

D TM9110       1    815
     What was the reason for ...'s last
     hospital stay?
U Patients in a hospital overnight or longer
  during the past 12 months
V           0 .Not applicable
V           1 .Mental or emotional problem or
V             .disorder

D TM9112       1    816
     What was the reason for ...'s last
     hospital stay?
U Patients in a hospital overnight or longer
  during the past 12 months
V           0 .Not applicable
V           1 .Drug or alcohol abuse problem
V             .or disorder

D TM9114       1    817
     Was ... a patient in a VA or military
     hospital during (this visit/any of
     these visits)?
U Patients in a hospital overnight or longer
  during the past 12 months
V           0 .Not applicable
V           1 .Yes, Military
V           2 .Yes, VA
V           3 .Yes, both military and VA
V           4 .No

D TM9116       1    818
    Was ... a patient in a psychiatric
    hospital or a psychiatric unit of a
    hospital during(this visit/any of
    these visits)?
U Patients in a hospital overnight or longer
  during the past 12 months
V           0 .Not applicable
V           1 .Yes
V           2 .No

D TM9118       3    819
     How many nights in all did ...
     spend in a hospital (of any
     type) during the past 12 months
U Patients in a hospital overnight or longer
  during the past 12 months
V         -01 .Dk
V         000 .Not applicable
V     001-999 .Nights

D TM9120       3    822
     How many of these nights were in
     the past 4 months
U Patients in a hospital overnight or longer
  during the past 12 months
V         -05 .All nights
V         -03 .None
V         -01 .Dk
V         000 .Not applicable
V     001-999 .Nights

D TM9122       3    825
     During the past 4 months, about how
     many days did illness or injury
     keep ... in bed more than half of the
     day (include days while an overnight
     patient in a hospital)
U Persons 15 years of age or older
V         -05 .All days
V         -03 .None
V         -01 .Dk
V         000 .Not applicable
V     001-999 .Days

D TM9124       2    828
     During the past 12 months, how many
     times did ... see or talk to a medical
     doctor or assistant (do not count
     occurrences while an overnight patient
     in a hospital)
U Persons 15 years of age or older
V          -3 .None - skip to TM9127
V          -1 .Dk - skip to TM9127
V          00 .Not applicable
V       01-99 .Times

D TM9126       2    830
     How many of these visits or calls were
     in the past 4 months
U Persons 15 years of age or older
V          -3 .None
V          -1 .Dk
V          00 .Not applicable
V       01-99 .Times

D TM9127       2    832
     During the past 12 months, how many
     visits did  ... make to a dentist?
V          -3 .None - skip to TM9129
V          -1 .Don't know
V          00 .Not applicable
V       01-99 .Times

D TM9128       2    834
     How many of these visits were in the past
     4 months?
V          -3 .None - skip to TM9129
V          -1 .Don't know
V          00 .Not applicable
V       01-99 .Times

D TM9129       1    836
     Is there a particular clinic, health
     center, doctor's office, or some other
     place where ... usually goes if ... is
     sick or needs advice about ...'s
     health
U Persons 15 years of age or older
V           0 .Not applicable
V           1 .Yes
V           2 .No - skip to TM9132

D TM9130       2    837
     To what kind of place does
     ... usually go
U Persons who go to a particular clinic,
  health center, doctor's office, or some
  other place when need medical assistance
`          00 .Not applicable
V          01 .Doctor's office (or HMO)
V          02 .VA hospital
V          03 .Military hospital
V          04 .Hospital outpatient clinic (not
V             .VA or military)
```

```
DATA        SIZE  BEGIN REP LENGTH

V          05 .Hospital emergency room
V          06 .Company or industry clinic
V          07 .Health center (neighborhood
V             .health center or free or low-
V             .cost clinic)
V          08 .Psychiatric clinic
V          09 .Psychiatric hostipal
V          10 .Private practice psychiatrist or
V             .other mental health profession
V          11 .Other

D TM9132      1     839
     Check Item T21
     Is ... covered by a health
     insurance plan
U Persons who go to a particular clinic,
  health center, doctor's office, or some
  other place when need medical assistance
V           0 .Not applicable
V           1 .Yes - skip to next record
V           2 .No

D TM9134      1     840
     Check item T22
     Is 'Medicare' (code 172) or 'Medicaid'
     (code 173) marked on the ISS
U Persons not covered by a health insurance
  plan
V           0 .Not applicable
V           1 .Yes - skip to end
V           2 .No

D TM9136      1     841
     I have recorded that ... is not
     covered by a health insurance
     plan.  Is that correct
U Persons not covered by a health insurance
  plan and are not covered by Medicare or
  Medicaid
V           0 .Not applicable
V           1 .Correct
V           2 .Incorrect - covered by some
V             .other plan - skip to end

D TM9138      1     842
     Which answer on this card best
     describes why ... is not covered
     by health insurance
U Persons not covered by a health insurance
  plan and are not covered by Medicare or
  Medicaid
V           0 .Not applicable
V           1 .Job layoff, job loss, or any
V             .reasons related to unemployment
V           2 .Employer does not offer health
V             .insurance
V           3 .Can't obtain health insurance
V             .because of poor health, illness,
V             .or age
V           4 .Too expensive, can't afford
V             .health insurance
V           5 .Don't believe in health
V             .insurance
V           6 .Have been healthy, not much
V             .sickness in the family, haven't
V             .needed health insurance
V           7 .Able to go to VA or military
V             .hospital for medical care
```

```
DATA        SIZE  BEGIN REP LENGTH

V           8 .Covered by some other health
V             .plan
V           9 .Other

***********************************************
*  Part F -  Health Status and Utilization   *
*  of Health Care Services Imputation Flags  *
*  (1-13)                                     *
*                                             *
*  The following 13 fields are imputation    *
*  flags of the form IXXXX, where XXXX is    *
*  the source code number.                    *
*                                             *
*  In all cases the range of values is (0:1)*
*
*  V        0 .Not imputed                    *
*  V        1 .Imputed                        *
***********************************************

D I9102       1     843
     Imputation of 'TM9102'

D I9104-12    1     844
     Imputation of 'TM9104 thru TM9112'

D I9114       1     845
     Imputation of 'TM9114'

D I9116       1     846
     Imputation of 'TM9116'

D I9118       1     847
     Imputation of 'TM9118'

D I9120       1     848
     Imputation of 'TM9120'

D I9122       1     849
     Imputation of 'TM9122'

D I9124       1     850
     Imputation of 'TM9124'

D I9126       1     851
     Imputation of 'TM9126'

D I9127       1     852
     Imputation of 'TM9127'

D I9128       1     853
     Imputation of 'TM9128'

D I9129       1     854
     Imputation of 'TM9129'

D I9130       1     855
     Imputation of 'TM9130'

D I9136       1     856
     Imputation of 'TM9136'

D I9138       1     857
     Imputation of 'TM9138'

D FILLER      3     858
     Filler
```

SOURCE AND ACCURACY STATEMENT FOR THE 1990 PUBLIC USE FILES FROM THE SURVEY OF INCOME AND PROGRAM PARTICIPATION

SOURCE OF DATA

The data were collected in the 1990 panel of the Survey of Income and Program Participation (SIPP). The SIPP universe is the noninstitutionalized resident population living in the United States. The population includes persons living in group quarters, such as dormitories, rooming houses, and religious group dwellings. Crew members of merchant vessels, Armed Forces personnel living in military barracks, and institutionalized persons, such as correctional facility inmates and nursing home residents, were not eligible to be in the survey. Also, United States citizens residing abroad were not eligible to be in the survey. Foreign visitors who work or attend school in this country and their families were eligible; all others were not eligible to be in the survey. With the exceptions noted above, persons who were at least 15 years of age at the time of the interview were eligible to be in the survey.

The 1990 panel of the SIPP sample is located in 230 Primary Sampling Units (PSUs) each consisting of a county or a group of contiguous counties. Within these PSUs, expected clusters of 2 living quarters (LQs) were systematically selected from lists of addresses prepared for the 1980 decennial census to form the bulk of the sample. To account for LQs built within each of the sample areas after the 1980 census, a sample 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, small land areas were sampled and the LQs within were listed by field personnel and then clusters of 4 LQs were subsampled. In addition, sample LQs were selected from supplemental frames that included LQs identified as missed in the 1980 Census and persons residing in group quarters at the time of the Census.

The 1990 panel differs from the other panels as a result of oversampling for low income. The oversample was constructed by taking a small subsample from the 1989 panel, and combing it with the 1990 panel. Variables such as race, ethnicity, and sex were used for the oversampling since low income data for 1989 panel households were unavailable. The 1989 panel subsample contains all Black Headed Households, all Hispanic Headed Households, all Households with Heads having no spouse present, living with relatives, and a random sample of all the other Household types. The latter random sample was done in an attempt to avoid bias in the sample.

Approximately 28,300 living quarters were designated for the 1990 panel. For Wave 1 of the 1990 panel, interviews were obtained from the occupants of about 21,900 of the 28,300 designated living quarters. Most of the remaining 6,400 living quarters in the 1990 panel were found to be vacant, demolished, converted to nonresidential use, or otherwise ineligible for the survey. However, approximately 1,700 of the 6,400 living quarters in the 1990 panel were not interviewed because the occupants refused to be interviewed, could not be found at home, were temporarily absent, or were otherwise unavailable. Thus, occupants of about 93 percent of all eligible living quarters participated in Wave 1 of the Survey for the 1990 panel. Sample loss at Wave 1 of the 1990 Panel was about 7.1% and is expected to increase to roughly 22.0% at the end of Wave 8.

For Waves 2-8, only original sample persons (Those in Wave 1 sample households and interviewed in Wave 1) and persons living with them were eligible to be interviewed. With certain restrictions, original sample persons were to be followed if they moved to a new address. When original sample persons moved without leaving a forwarding address or moved to extremely remote parts of the country and no telephone number was available, additional noninterviews resulted.

Sample households within a given panel are divided into four subsamples of nearly equal size. These subsamples are called rotation groups 1, 2, 3, or 4 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 2 years beginning in February 1990. 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.

A unique feature of the SIPP design is overlapping panels. The overlapping design allows panels to be combined and essentially doubles the sample sizes. However, the 1990 panel is designed so that the first three waves do not overlap with other panels. (The 1988 and 1989 panels were prematurely terminated to provide the funding needed to enlarge the 1990 panel and allow oversampling to take place.) After the third wave, the 1990 panel overlaps with the 1991 panel. Selected interviews for the 1990 panel can be combined with interviews from the 1991 panel. Information necessary to do this is included later in this statement.

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 1990 and 1991 panel topical modules are given in tables 1 and 2 respectively.

Tables 3 and 4 indicate the reference months and interview months for the collection of data from each rotation group for the 1990 and 1991 panels respectively. For example, Wave 1 rotation group 2 of the 1990 panel was interviewed in February 1990 and data for the reference months October 1989 through January 1990 were collected.

Estimation. The estimation procedure used to derive SIPP person weights involved several stages of weight adjustments. Each person received a base weight equal to the inverse of his/her probability of selection. A noninterview adjustment factor was applied to the weight of every occupant of interviewed households to account for households which were eligible for the sample but were not interviewed. (Individual nonresponse within partially interviewed households was treated with imputation. No special adjustment was made for noninterviews in group quarters.) A factor was applied to each interviewed person's weight to account for the SIPP sample areas not having the same population distribution as the strata from which they were selected.

An additional stage of adjustment to persons' weights was performed to reduce the mean square error of the survey estimates by ratio adjusting SIPP sample estimates to monthly Current Population Survey (CPS) estimates[1] of the civilian (and some military) noninstitutional population of the United States by age, race, Spanish origin, sex, type of householder (married, single with relatives, single without relatives), and relationship to householder (spouse or other). The CPS estimates were themselves brought into agreement with estimates from the 1980 decennial census which were adjusted to reflect births, deaths, immigration, emigration, and changes in the Armed Forces since 1980. Also, an adjustment was made so that a husband and wife within the same household were assigned equal weights.

Use of Weights. Users should be forewarned to apply the appropriate weights given on this file before attempting to calculate estimates. The weights vary between units due to the oversampling that took place. If analysis is done for the general population without applying the appropriate weights, the results will be erroneous. Each household and each person within each household on each wave tape has five weights. Four of these 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. For example, using the proper weights, one can estimate the monthly average number of households in a specified income range over November and December 1990. To estimate monthly averages of a given measure (e.g., total, mean) over a number of consecutive months, sum the monthly estimates and divide by the number of months.

---

[1] These special CPS estimates are slightly different from the published monthly CPS estimates. The differences arise from forcing counts of husbands to agree with counts of wives.

The remaining weight is interview month specific. This weight can be used to form estimates that specifically refer to the interview month (e.g., total persons currently looking for work), as well as estimates referring to the time period including the interview month and all previous months (e.g., total persons who have ever served in the military).

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 1989 data is only available from rotations 2, 3, and 4 for Wave 1 of the 1990 panel (See table 3), so a factor of 4/3 (See Table 7) must be applied. To form an estimate for an interview month, use the procedure discussed above using the interview month weight provided on the file.

When estimates for months without four rotations worth of data are constructed from a wave file, factors greater than 1 must be applied. However, when core data from consecutive waves are used together, data from all four rotations may be available, in which case the factors are equal to 1.

These tapes contain no weight for characteristics that involve a person's or household's status over two or more months (e.g., number of households with a 50 percent increase in income between November and December 1990).

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

Producing Estimates for the Metropolitan Population. For Washington, DC and 11 states, metropolitan or non-metropolitan residence is identified (variable H*-METRO). In 34 additional states, where the non-metropolitan population in the sample was small enough to present a disclosure risk, a fraction of the metropolitan sample was recoded to be indistinguishable from non-metropolitan cases (H*-METRO=2). In these states, therefore, the cases coded as metropolitan (H*-METRO=1) represent only a subsample of that population.

In producing state estimates for a metropolitan characteristic, multiply the individual, family, or household weights by the metropolitan inflation factor for that state, presented in table 5. (This inflation factor compensates for the subsampling of the metropolitan population and is 1.0 for the states with complete identification of the metropolitan population.)

The same procedure applies when creating estimates for particular identified MSA's or CMSA's--apply the factor appropriate to the state. For multi-state MSA's, use the factor appropriate to each state part. For example, to tabulate data for the Washington, DC-MD-VA MSA, apply the Virginia factor of 1.0521 to weights for residents of the Virginia part of the MSA; Maryland and DC residents require no modification to the weights (i.e., their factors equal 1.0).

In producing regional or national estimates of the metropolitan population, it is also necessary to compensate for the fact that no metropolitan subsample is identified within two states (Mississippi and West Virginia) and one state-group (North Dakota - South Dakota - Iowa). Thus, factors in the right-hand column of table 5 should be used for regional and national estimates. The results of regional and national tabulations of the metropolitan population will be biased slightly. However, less than one-half of one percent of the metropolitan population is not represented.

Producing Estimates for the Non-Metropolitan Population. State, regional, and national estimates of the non-metropolitan population cannot be computed directly, except for Washington, DC and the 11 states where the factor for state tabulations in table 5 is 1.0. In all other states, the cases identified as not in the metropolitan subsample (METRO=2) are a mixture of non-metropolitan and metropolitan households. Only an indirect method of estimation is available: first compute an estimate for the total population, then subtract the estimate for the metropolitan population. The results of these tabulations will be slightly biased.

Combined Panel Estimates. Both the 1990 and 1991 panels provide data for October 1990-August 1992. Thus, estimates for these time periods may be obtained by combining the corresponding panels. However, since the Wave 1 questionnaire differs from the subsequent waves' questionnaire, we recommend that estimates not be obtained by combining Wave 1 data of the 1991 panel (collected February - May of 1991) with data of the 1990 panel. In this case, use the estimate obtained from either panel. Additionally, even for other waves, care should be taken when combining data from two panels since questionnaires for the two panels differ somewhat and since the length of time in sample for interviews from the two panels differ.

Combined panel estimates may be obtained either (1) by combining estimates derived separately for the two panels or (2) by first combining data from the two files and then producing an estimate.

1. <u>Combining Separate Estimates</u>

Corresponding estimates from two consecutive year panels can be combined to create joint estimates by using the formula

$$\hat{J} = W\hat{J}_1 + (1-W)\hat{J}_2 \qquad \text{(A)}$$

$\hat{J}$ = joint estimate (total, mean, proportion, etc);

$\hat{J}_1$ = estimate from the earlier panel;

$\hat{J}_2$ = estimate from the later panel;

W = weighting factor of the earlier panel.

To combine the 1990 and 1991 panels use a W value of 0.608 unless one of the panels contributes no information to the estimate. In that case, the panel contributing information receives a factor of 1. The other receives a factor of zero.

2. <u>Combining Data from Separate Files</u>

Start by first creating a file containing the data from the two panel files. Apply the weighting factor, W, to the weight of each person from the earlier panel and apply (1-W) to the weight of each person from the later panel. Estimates can then be produced using the same methodology as used to obtain estimates from a single panel.

<u>Illustration for computing combined panel estimate.</u>

Suppose SIPP estimates for Wave 5 of the 1990 panel show that there were 441,000 households with monthly December income above $6000. Also, suppose SIPP estimates for Wave 2 of the 1991 panel show that there were 435,000 households with monthly December income above $6000. Using formula (A), the joint level estimate is

$$\hat{J} = (0.608)(441{,}000) + (0.392)(435{,}000)$$

$$= 438{,}648$$

ACCURACY OF THE ESTIMATES

SIPP estimates obtained from public use files 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. The magnitude of SIPP sampling error can be estimated, but this is not true of nonsampling error. Found below are descriptions of sources of SIPP nonsampling error, followed by discussions of sampling error, its estimation, and its use in data analysis. More detailed discussions of the existence and control of nonsampling errors in the SIPP can be found in the Quality Profile for the Survey of Income and Program Participation, May 1990, by Jabine, assisted by King and Petroni.

Nonsampling Variability. Nonsampling errors can be attributed to many sources, e.g., 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 collection such as in recording or coding the data, errors made in processing the data, errors made in estimating values for missing data, biases resulting from the differing recall periods caused by the rotation pattern used and failure to represent all units within the universe (undercoverage). Quality control and edit procedures were used to reduce errors made by respondents, coders and interviewers.

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 nonblacks. Ratio estimation to independent age-race-sex population controls partially corrects for the bias due to survey undercoverage. However, biases exist in the estimates to the extent that persons in missed households or missed persons in interviewed households have different characteristics than the interviewed persons in the same age-race-Spanish origin-sex group. Further, the independent population controls used have not be adjusted for undercoverage.

Some respondents do not respond to some of the questions. Therefore, the overall nonresponse rate for some items such as income and other money related items is higher than the nonresponse rates presented on page 2. The Bureau uses complex techniques to adjust the weights for nonresponse, but the success of these techniques in avoiding bias is unknown.

Comparability With Other Statistics. Caution should be exercised when comparing data from these files with data from other SIPP products or with data from other surveys. The comparability problems are caused by sources such as the seasonal patterns for many characteristics, definitional differences, and different nonsampling errors.

Sampling Variability. Standard errors indicate the magnitude of the sampling variability. 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.

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 parameters using sample estimates. The most common types of hypotheses tested are 1) the population parameters 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 parameters are different when, in fact, they are identical.

To perform the most common hypothesis test, compute the difference $X_A - X_B$, where X_A and X_B are sample estimates of the parameters of interest. A later section explains how to derive an estimate of the standard error of the difference $X_A - X_B$. Let that standard error be s_{DIFF}. If $X_A - X_B$ is between -1.6 times s_{DIFF} and +1.6 times s_{DIFF}, no conclusion about the parameters is justified at the 10 percent significance level. If on the other hand, $X_A - X_B$ is smaller than -1.6 times s_{DIFF} or larger than +1.6 times s_{DIFF}, the observed difference is significant at the 10 percent level. In this event, it is commonly accepted practice to say that the parameters are different. Of course, sometimes this conclusion will be wrong. When the parameters are, in fact, the same, there is a 10 percent chance of concluding that they are different.

Note when using small estimates. Because of the large standard errors involved, there is little chance that summary measures would reveal useful information when computed on a smaller base than 200,000. Also, care must be taken in the interpretation of small differences. For instance, in case of a borderline difference, even a small amount of nonsampling error can lead to a wrong decision about the hypotheses, thus distorting a seemingly valid hypothesis test.

Standard Error Parameters and Tables and Their Use. Most SIPP estimates have greater standard errors than those obtained through a simple random sample because clusters of living quarters are sampled. To derive standard errors that would be applicable to a wide variety of estimates and could be prepared at a moderate cost, a number of approximations were required. Estimates with similar standard error behavior were grouped together and two parameters (denoted "a" and "b") were developed to approximate the standard error behavior of each group of estimates. These "a" and "b" parameters are used in estimating standard errors and vary by type of estimate and by subgroup to which the estimate applies. Table 6 provides base "a" and "b" parameters to be used for estimates obtained from core data and for some estimates from topical module data. **These parameters are considered preliminary. Revised parameters are soon to follow.**

The factors provided in table 7 when multiplied by the base parameters of table 6 for a given subgroup and type of estimate give the "a" and "b" parameters for that subgroup and estimate type for the specified reference period. For example, the base "a" and "b" parameters for total number of households are -0.0000664 and 6,043, respectively. For Wave 1 the factor for October 1989 is 4.0000 since only 1 rotation month of data is available. So, the "a" and "b" parameters for total household income in October 1989 based on Wave 1 are -0.0002656 and 24,172, respectively. Also for Wave 1, the factor for the first quarter of 1990 is 1.2222 since 9 rotation months of data are available (rotations 1 and 4 provide 3 rotations months each, while rotations 2 and 3 provide 1 and 2 rotation months, respectively). So, the "a" and "b" parameters for total number of households in the first quarter of 1990 are -0.0000812 and 7,386, respectively for Wave 1.

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

For those users who wish further simplification, we have also provided preliminary general standard errors in tables 8 through 11 for making estimates with the use of data from all four rotations. Note that these standard errors must be adjusted by a factor (f) from table 6. 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. Standard errors provided in tables 8 through 11 will change when revised parameters are available.

For the 1990, 1991 combined panel parameters, multiply the parameters in table 6 by the forthcoming appropriate factor from table 15. The factors later provided in table 16 adjust parameters for the number of rotation months available for a given estimate. These factors, when multiplied by the combined panel parameters derived from table 6 for a given subgroup and type of estimate, give the "a" and "b" parameters for that subgroup and estimate type for the specified combined reference period.

For calculating 1990 topical module variances, table 12 is designated to later provide base "a" and "b" parameters. Table 13 also in the near future will provide base "a" and "b" parameters for computing the 1990, 1991 combined panel topical module variances. These parameters will also be provided when revised generalized variance parameters are available.

Procedures for calculating standard errors for the types of estimates most commonly used are described below. Note specifically that these procedures 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. Stratum codes and half sample codes are included on the tapes to enable the user to compute the variances directly by methods such as balanced repeated replications (BRR). William G. Cochran provides a list of references discussing the application of this technique. (See Sampling Techniques, 3rd Ed., New York: John Wiley and Sons, 1977, p. 321.)

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

It may be obtained by the use of the formula

$$s_x = fs \tag{1}$$

where f is the appropriate "f" factor from table 6, and s is the standard error on the estimate obtained by interpolation from table 8 or 9. Alternatively, s_x may be approximated by the formula

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

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

Illustration.

Suppose SIPP estimates for Wave 1 of the 1990 panel show that there were 472,000 households with monthly household income above $6,000. The appropriate parameters and factor from table 6 and the appropriate general standard error from table 8 are

a = -0.0000664 b = 6,043 f = 1.00 s = 53,300

Using formula 1, the approximate standard error is

s_x = 53,300

Using formula 2, the approximate standard error is

$$\sqrt{(-0.0000664)(472{,}000)^2 + (6{,}043)(472{,}000)} = 53{,}300$$

Using the standard error based on formula 2, the approximate 90-percent confidence interval as shown by the data is from 387,000 to 557,000. 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.

Illustration for computing standard errors for combined panel estimates. Will be provided when combining factors are available.

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 $\overline{x}$ is

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

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

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

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

$$s^2 = \sum_{j=1}^{c} p_j m_j^2 - \bar{x}^2, \tag{4}$$

where p_j is the estimated proportion of units in group j, and $m_j = (Z_{j-1} + Z_j)/2$. The most representative value of the item in group j is assumed to be m_j. If group c is open-ended, i.e., 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 variance is given by

$$s^2 = \frac{\sum_{i=1}^{n} w_i x_i^2}{\sum_{i=1}^{n} w_i} - \bar{x}^2 , \tag{5}$$

where there are n units with the item of interest and w_i is the final weight for unit i. The mean, $\bar{x}$, can be obtained from the formula

$$\overline{x} = \frac{\sum_{i=1}^{n} w_i x_i}{\sum_{i=1}^{n} w_i}.$$

When forming combined estimates using formula (A), s^2, given by formula (4), should be calculated by forming a distribution for each panel. The range of values for the item will be divided into intervals. Combined estimates for each interval can be obtained using formula (A). Formula (4) can be applied to the combined distribution. To calculate $\overline{x}$ and s^2 given by formula (5), replace x_i by Wx_i for x_i from the earlier panel and $(1-W)x_i$ for x_i from the later panel.

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 1988 is given in table 14.

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

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

$$\left(\frac{1,493}{39,851}\right)(9,000)^2 - (2,530)^2 = 3,159,887.$$

Using formula 3, the appropriate base "b" parameter and factor from table 6, the estimated standard error of a mean $\overline{x}$ is

$$s_{\overline{x}} = \sqrt{\left(\frac{4,890}{39,851,000}\right)(3,159,887)} = \$20$$

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:

$$s_x = \sqrt{(b)\ (y)\, s^2} \qquad (6)$$

Standard Errors of Estimated Percentages. The reliability of an estimated percentage, computed using sample data for both numerator and denominator, depends upon both the size of the percentage and the size of the total upon which the percentage is based. Estimated percentages are relatively more reliable than the corresponding estimates of the numerators of the percentages, particularly if the percentages are 50 percent or more, e.g., the percent of people employed is more reliable than the estimated number of people employed. When the numerator and denominator of the percentage have different parameters, use the parameter (and appropriate factor) of the numerator. If proportions are presented instead of percentages, note that the standard error of a proportion is equal to the standard error of the corresponding percentage divided by 100.

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

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

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

when data from all four rotations are used to estimate p. In this formula, f is the appropriate "f" factor from table 6 and s is the standard error of the estimate from table 10 or 11.

Alternatively, it may be approximated by the formula

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

from which the standard errors in tables 10 and 11 were calculated. Here x is the size of the subclass of social units which is the base of the percentage, p is the percentage (0<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.

<u>Illustration.</u>

Suppose that, in the month of January 1990, 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 4,755 from table 6 and a factor of 1 for the month of January 1990 from table 7, the approximate standard error is

$$\sqrt{\frac{4{,}755}{(16{,}812{,}000)} \; (6.7) \; (100-6.7)} = 0.42 \textit{percent}$$

consequently, the 90 percent confidence interval as shown by these data is from 6.0 to 7.4 percent.

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

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

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

$$p_I = 100 \; (\hat{p}_A \; \overline{X}_A \; / \; \overline{X}_N)$$

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

$$s_x = \sqrt{\left(\frac{\hat{p}_A \overline{x}_A}{\overline{x}_N}\right)^2 \left[\left(\frac{s_p}{\hat{p}_A}\right)^2 + \left(\frac{s_A}{\overline{x}_A}\right)^2 + \left(\frac{s_B}{\overline{x}_N}\right)^2\right]} \quad , \qquad (9)$$

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

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

Illustration.

Suppose that in January 1990, 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 0.25%, \$4678, and \$2287. In total there are 86,790,000 households. Then, the percent of all household assets held in rental property is

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

Using formula (9), the appropriate standard error is

$$s_I = \sqrt{\left(\frac{(0.098)(72121)}{78734}\right)^2 \left[\left(\frac{0.0025}{0.098}\right)^2 + \left(\frac{4678}{72121}\right)^2 + \left(\frac{2287}{78734}\right)^2\right]}$$

$$= 0.007$$

$$= 0.7\%$$

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

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

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

Illustration.

Suppose that SIPP estimates show the number of persons age 35-44 years with monthly cash income of $4,000 to $4,999 was 3,186,000 in the month of January 1990 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 6 and formula 2, the standard errors of these numbers are approximately 124,000 and 112,000, respectively. The difference in sample estimates is 567,000 and, using formula 10, the approximate standard error of the difference is

$$\sqrt{(124,000)^2 + (112,000)^2} = 167,000$$

Suppose that it is desired to test at the 10 percent significance level whether the number of persons with monthly cash income of $4,000 to $4,999 was different for persons age 35-44 years than for persons age 25-34 years. To perform the test, compare the difference of 567,000 to the product 1.6 x 167,000 = 267,200. Since the difference is greater than 1.6 times the standard error of the difference, the data show that the two age groups are significantly different at the 10 percent significance level.

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

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

1. Determine, using either formula 7 or formula 8, the standard error of an estimate of 50 percent of the group;

2. Add to and subtract from 50 percent the standard error determined in step 1;

3. Using the distribution of the item within the group, calculate the quantity of the item such that the percent of the group owning more 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 owning more 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 own more is

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

if Pareto Interpolation is indicated and

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

if linear interpolation is indicated, where N is the size of the group,

A_1 and A_2	are the lower and upper bounds, respectively, of the interval in which X_{pN} falls,
N_1 and N_2	are the estimated number of group members owning more than A_1 and A_2, respectively,
exp	refers to the exponential function and
Ln	refers to the natural logarithm function.

Illustration.

To illustrate the calculations for the sampling error on a median, we return to table 14. The median monthly income for this group is $2,158. The size of the group is 39,851,000.

1. Using formula 8, the standard error of 50 percent on a base of 39,851,000 is about 0.6 percentage points.

2. Following step 2, the two percentages of interest are 49.4 and 50.6.

3. By examining table 14, we see that the percentage 49.4 falls in the income interval from 2000 to 2499. (Since 55.5% receive more than $2,000 per month, the dollar value corresponding to 49.4 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 bond of a 68% confidence interval for the median is

$$\$2,000 \exp\left[\left(Ln\left(\frac{(.494)(39,851,000)}{22,106,000}\right) \qquad Ln\left(\frac{16,307,000}{22,106,000}\right)\right) Ln\left(\frac{2,500}{2,000}\right)\right] = \$2177$$

Also by examining table 14, we see that 50.6 falls in the same income interval. Thus, A_1, A_2, N_1 and N_2 are the same. We also use Pareto interpolation for this case. So the lower bound of a 68% confidence interval for the median is

$$\$2,000 \exp\left[\left(Ln\left(\frac{(.506)(39,851,000)}{22,106,000}\right) \qquad Ln\left(\frac{16,307,000}{22,106,000}\right)\right) Ln\left(\frac{2,500}{2,000}\right)\right] = \$2137$$

Thus, the 68-percent confidence interval on the estimated median is from \$2137 to \$2177. An approximate standard error is

$$\frac{\$2177 - \$2137}{2} = \$20$$

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

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

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

SMD:DButler:sc:DBUT133

Table 1. 1990 Panel Topical Modules

Wave	Topical Module
1	None
2	Recipiency History Employment History Work Disability History Education and Training History Marital History Migration History Fertility History Household Relationships
3	Child Care Arrangements Child Support Agreements Support of Non-household Members Utilization of Health Care Services Functional Limitations & Disability Work Schedule
4	Assets & Liabilities Retirement Expectations & Pensions Plan Coverage Real Estate, Property, and Vehicles
5	Taxes Annual Income and Retirement Accounts School Enrollment and Financing
6	Child Support Agreements Support of Non-household Members Utilization of Health Care Services Functional Limitations & Disability Not in Labor Force Spells
7	Selected Financial Assets Medical Expenses & Work Disability Real Estate Shelter Costs Dependent Care Vehicles
8	Annual Income & Retirement Accounts Taxes School Enrollment & Financing

Table 2. 1991 Panel Topical Modules for Waves 1 through 5[1]

Wave	Topical Module
1	None
2	Welfare History Recipiency History Employment History Work Disability History Education and Training History Marital History Migration History Fertility History Household Relationships
3	Work Schedule Child Care Arrangements Child Support Agreements Support for Non-household Members Functional Limitations & Disability Utilization of Health Care Services
4	Selected Financial Assets Medical Expenses & Work Disability Real Estate Shelter Costs Dependent Care Vehicles
5	Taxes Annual Income and Retirement Accounts School Enrollment and Financing

1 Topical Modules for waves 6 through 8 are not yet available.

Table 3. Reference Months for Each Interview Month - 1990 Panel

		Reference Period																					
		4th Quarter (1989)			1st Quarter (1990)			2nd Quarter (1990)			3rd Quarter (1990)			4th Quarter (1990)			...	2nd Quarter (1992)			3rd Quarter (1992)		
Month of Interview	Wave/ Rotation	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		Apr	May	Jun	Jul	Aug	Sep
Feb 90	1/2	X	X	X	X																		
Mar	1/3		X	X	X	X																	
Apr	1/4			X	X	X	X																
May	1/1				X	X	X	X															
Jun	2/2					X	X	X	X														
Jul	2/3						X	X	X	X													
Aug	2/4							X	X	X	X												
Sept	2/1								X	X	X	X											
Oct	3/2									X	X	X	X										
Nov	3/3										X	X	X	X									
Dec	3/4											X	X	X	X								
.														.	.	.							
.																.	...						
.																	...	.					
Sept 92	8/1																		X	X	X	X	

Table 4. Reference Months for Each Interview Month - 1991 Panel

Reference Period

		4th Quarter (1990)			1st Quarter (1991)			2nd Quarter (1991)			3rd Quarter (1991)			4th Quarter (1991)			...	2nd Quarter (1993)			3rd Quarter (1993)		
Month of Interview	Wave/ Rotation	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		Apr	May	Jun	Jul	Aug	Sep
Feb 91	1/2	X	X	X	X																		
Mar	1/3		X	X	X	X																	
Apr	1/4			X	X	X	X																
May	1/1				X	X	X	X															
Jun	2/2					X	X	X	X														
Jul	2/3						X	X	X	X													
Aug	2/4							X	X	X	X												
Sept	2/1								X	X	X	X											
Oct	3/2									X	X	X	X										
Nov	3/3										X	X	X	X									
Dec	3/4											X	X	X	X								
•														•	•	•							
•																•	...						
•																	...	•					
Sept 93	8/1																		X	X	X	X	

Table 5. Metropolitan Subsample Factors to be Applied to Compute National and Subnational Estimates

		Factors for use in State or CMSA (MSA) Tabulations	Factors for use in Regional or National Tabulations
Northeast:	Connecticut	1.0387	1.0387
	Maine	1.2219	1.2219
	Massachusetts	1.0000	1.0000
	New Hampshire	1.2234	1.2234
	New Jersey	1.0000	1.0000
	New York	1.0000	1.0000
	Pennsylvania	1.0096	1.0096
	Rhode Island	1.2506	1.2506
	Vermont	1.2219	1.2219
Midwest:	Illinois	1.0000	1.0110
	Indiana	1.0336	1.0450
	Iowa	---	---
	Kansas	1.2912	1.3055
	Michigan	1.0328	1.0442
	Minnesota	1.0366	1.0480
	Missouri	1.0756	1.0874
	Nebraska	1.6289	1.6468
	North Dakota	---	---
	Ohio	1.0233	1.0346
	South Dakota	---	---
	Wisconsin	1.0188	1.0300
South:	Alabama	1.1574	1.1595
	Arkansas	1.6150	1.6179
	Delaware	1.5593	1.5621
	D.C.	1.0000	1.0018
	Florida	1.0140	1.0158
	Georgia	1.0142	1.0160
	Kentucky	1.2120	1.2142
	Louisana	1.0734	1.0753
	Maryland	1.0000	1.0018
	Mississippi	---	---
	North Carolina	1.0000	1.0018
	Oklahoma	1.0793	1.0812
	South Carolina	1.0185	1.0203
	Tennessee	1.0517	1.0536
	Texas	1.0113	1.0131
	Virginia	1.0521	1.0540
	West Virginia	---	---

- indicates no metropolitan subsample is identified for the state.

Table 5 cont'd. Metropolitan Subsample Factors to be Applied to Compute National and Subnational Estimates

		Factors for use in State or CMSA (MSA) Tabulations	Factors for use in Regional or National Tabulations
West:	Alaska	1.4339	1.4339
	Arizona	1.0117	1.0117
	California	1.0000	1.0000
	Colorado	1.1306	1.1306
	Hawaii	1.0000	1.0000
	Idaho	1.4339	1.4339
	Montana	1.4339	1.4339
	Nevada	1.0000	1.0000
	New Mexico	1.0000	1.0000
	Oregon	1.1317	1.1317
	Utah	1.0000	1.0000
	Washington	1.0456	1.0456
	Wyoming	1.4339	1.4339

- indicates no metropolitan subsample is identified for the state

Table 6: SIPP Generalized Variance Parameters for 1990 Panel Public Use File -- Preliminary *

Characteristics	Parameters		
	a	b	f
TOTAL PERSONS			
16+ Program Participation and Benefits, Poverty (3)			
Both Sexes	-0.0000843	14344	0.90
Male	-0.0001772	14344	
Female	-0.0001604	14344	
16+ Income and Labor Force (5)			
Both Sexes	-0.0000287	4890	0.52
Male	-0.0000605	4890	
Female	-0.0000547	4890	
16+ Pension Plan ** (4)			
Both Sexes	-0.0000525	8956	0.71
Male	-0.0001108	8956	
Female	-0.0001001	8956	
All Others *** (6)			
Both Sexes	-0.0000771	17784	1.00
Male	-0.0001595	17784	
Female	-0.0001493	17784	
WHITE PERSONS			
16+ Program Participation and Benefits, Poverty (3)			
Both Sexes	-0.0000934	15898	0.95
Male	-0.0001964	15898	
Female	-0.0001778	15898	
16+ Income and Labor Force (5)			
Both Sexes	-0.0000318	5420	0.55
Male	-0.0000670	5420	
Female	-0.0000606	5420	
16+ Pension Plan ** (4)			
Both Sexes	-0.0000582	9926	0.75
Male	-0.0001228	9926	
Female	-0.0001110	9926	
All Others *** (6)			
Both Sexes	-0.0000855	19710	1.05
Male	-0.0001768	19710	
Female	-0.0001655	19710	

Table 6 cont'd. SIPP Generalized Variance Parameters for 1990 Panel Public Use File -- Preliminary *

Characteristics	Parameters		
BLACK PERSONS	a	b	f
Poverty (1)			
Both Sexes	-0.0003182	8843	0.71
Male	-0.0006793	8843	
Female	-0.0005987	8843	
All Others *** (2)			
Both Sexes	-0.0001723	4755	0.52
Male	-0.0003704	4755	
Female	-0.0003223	4755	
HISPANIC PERSONS			
Poverty (1)			
Both Sexes	-0.0000609	10374	0.76
Male	-0.0001282	10374	
Female	-0.0001160	10374	
All Others *** (2)			
Both Sexes	-0.0002294	4755	0.52
Male	-0.0004589	4755	
Female	-0.0006727	4755	
HOUSEHOLDS			
Total	-0.0000641	6043	1.00
White	-0.0000823	6698	1.05
Black	-0.0002888	3018	0.71
Hispanics	-0.0005290	3018	0.71

* For cross-tabulations, use the parameters of the characteristic with the smaller number within the parentheses.

** Use the "16+ Pension Plan" parameters for pension plan tabulations of persons 16+ in the labor force. Use the "All Others" parameters for retirement tabulations, 0+ program participation, 0+ benefits, 0+ income, and 0+ labor force tabulations, in addition to any other types of tabulations not specifically covered by another characteristic in this table.

*** Use the "All Others" parameter for any type of tabulation not specifically covered by another characteristic in this table.

Table 7. Factors to be Applied to Table 6 Base Parameters to Obtain Parameters for Various Reference Periods

# of available rotation months[1]	factor
Monthly estimate	
1	4.0000
2	2.0000
3	1.3333
4	1.0000
Quarterly estimate	
6	1.8519
8	1.4074
9	1.2222
10	1.0494
11	1.0370
12	1.0000

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

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

Size of Estimate	Standard Error[1]	Size of Estimate	Standard Error
200	35	15,000	275
300	43	25,000	331
500	55	30,000	349
750	67	40,000	368
1,000	77	50,000	369
2,000	109	60,000	351
3,000	132	70,000	312
5,000	169	80,000	242
7,500	204	90,000	78
10,000	232		

1 To account for sample attrition, multiply the standard error of the estimate by 1.04 for estimates which include data from Wave 5 and beyond.

Table 9. Standard Errors of Estimated Numbers of Persons (Numbers in Thousands)

Size of Estimate	Standard Error	Size of Estimate	Standard Error
200	60	50,000	835
300	73	80,000	964
600	103	100,000	1005
1,000	133	130,000	1004
2,000	188	135,000	999
5,000	295	150,000	966
8,000	371	160,000	934
11,000	432	180,000	838
13,000	467	200,000	688
15,000	499	210,000	578
17,000	529	220,000	425
22,000	595	230,000	108
26,000	641		
30,000	681		

1 To account for sample attrition, multiply the standard error of the estimate by 1.04 for estimates which include data from Wave 5 and beyond.

Table 10. Standard Errors of Estimated Percentages of of Households Families or Unrelated Persons

Base of Estimated Percentage (Thousands)	Estimated Percentages[1]					
	≤ 1 or ≥ 99	2 or 98	5 or 95	10 or 90	25 or 75	50
200	1.73	2.43	3.79	5.20	7.50	8.70
300	1.41	1.99	3.09	4.26	6.20	7.10
500	1.09	1.54	2.40	3.30	4.76	5.50
750	0.89	1.26	1.96	2.69	3.89	4.49
1,000	0.77	1.09	1.69	2.33	3.37	3.89
2,000	0.55	0.77	1.20	1.65	2.38	2.75
3,000	0.45	0.63	0.98	1.35	1.94	2.24
5,000	0.35	0.49	0.76	1.04	1.51	1.74
7,500	0.28	0.40	0.62	0.85	1.23	1.42
10,000	0.24	0.34	0.54	0.74	1.06	1.23
15,000	0.20	0.28	0.44	0.60	0.87	1.00
25,000	0.15	0.22	0.34	0.47	0.67	0.78
30,000	0.14	0.20	0.31	0.43	0.61	0.71
40,000	0.12	0.17	0.27	0.37	0.53	0.61
50,000	0.11	0.15	0.24	0.33	0.48	0.55
60,000	0.10	0.14	0.22	0.30	0.43	0.50
80,000	0.09	0.12	0.19	0.26	0.38	0.43
90,000	0.08	0.11	0.18	0.25	0.35	0.41

1 To account for sample attrition, multiply the standard error of the estimate by 1.04 for estimates which include data from Wave 5 and beyond.

Table 11. Standard Errors of Estimated Percentages of Persons

Base of Estimated Percentage (Thousands)	Estimated Percentages					
	≤ 1 or ≥ 99	2 or 98	5 or 95	10 or 90	25 or 75	50
200	2.97	4.17	6.50	9.00	12.90	14.90
300	2.42	3.41	5.31	7.30	10.50	12.20
600	1.71	2.41	3.75	5.20	7.50	8.60
1,000	1.33	1.87	2.91	4.00	5.80	6.70
2,000	0.94	1.32	2.06	2.83	4.08	4.71
5,000	0.59	0.83	1.30	1.79	2.58	2.98
8,000	0.47	0.66	1.03	1.41	2.04	2.36
11,000	0.40	0.56	0.88	1.21	1.74	2.01
13,000	0.37	0.52	0.81	1.11	1.60	1.85
17,000	0.32	0.45	0.70	0.97	1.40	1.62
22,000	0.28	0.40	0.62	0.85	1.23	1.42
26,000	0.26	0.37	0.57	0.78	1.13	1.31
30,000	0.24	0.34	0.53	0.73	1.05	1.22
50,000	0.19	0.26	0.41	0.57	0.82	0.94
80,000	0.15	0.21	0.32	0.45	0.65	0.75
100,000	0.13	0.19	0.29	0.40	0.58	0.67
130,000	0.12	0.16	0.25	0.35	0.51	0.58
220,000	0.09	0.13	0.20	0.27	0.39	0.45
230,000	0.09	0.12	0.19	0.26	0.38	0.44

[1] To account for sample attrition, multiply the standard error of the estimate by 1.04 for estimates which include data from Wave 5 and beyond.

Table 12. 1990 Topical Module Generalized Variance Parameters

	a	b
Fertility		
# Females (16+)		
Total	-0.0000403	3,982
White	-0.0000526	4,414
Black	-0.0002431	2,878
Hispanic	-0.0006864	4,851
Births (16+ females)		
Total	-0.0000735	7,261
White	-0.0000960	8,048
Black	-0.0004432	5,248
Hispanic	-0.0012518	8,847
Educational Attainment (16+)		
Wave 2		
Total	-0.0000286	5,424
White	-0.0000372	6,012
Black	-0.0001810	3,921
Hispanic	-0.0002797	3,921
Wave 5		
Total	-0.0000312	5,913
White	-0.0000405	6,553
Black	-0.0001972	4,273
Hispanic	-0.0003048	4,273
Marital Status and Person's Family Characteristics		
Some HH members (16+)		
Total	-0.0000433	8,209
White	-0.0000563	9,098
Black	-0.0002738	5,933
Hispanic	-0.0004232	5,933
All HH members (0+)		
Total	-0.0000405	9,975
White	-0.0000534	11,055
Black	-0.0002374	7,209
Hispanic	-0.0003478	7,209

	a	b
Child Support (16+ females)		
Wave 3		
Total	-0.0000612	6,043
White	-0.0000799	6,698
Black	-0.0003698	4,368
Hispanic	-0.0006180	4,368
Wave 6		
Total	-0.0000667	6,587
White	-0.0000871	7,301
Black	-0.0004021	4,761
Hispanic	-0.0006736	4,761
Support for non-household members (16+)		
Wave 3		
Total	-0.0000319	6,043
White	-0.0000414	6,698
Black	-0.0002016	4,368
Hispanic	-0.0003116	4,368
Wave 6		
Total	-0.0000347	6,587
White	-0.0000452	7,301
Black	-0.0002198	4,761
Hispanic	-0.0003396	4,761
Health and Disability (0+)		
Total	-0.0000318	7,818
White	-0.0000419	8,666
Black	-0.0001861	5,651
Hispanic	-0.0002727	5,651
0-15 Child Care		
Wave 3		
Total	-0.0000867	4,890
White	-0.0001195	5,420
Black	-0.0004064	3,535
Hispanic	-0.0008883	5,956
Wave 6		
Total	-0.0000945	5,331
White	-0.0001303	5,908
Black	-0.0004430	3,853
Hispanic	-0.0009682	6,492

	a	b
Welfare History and AFDC		
Both Sexes 18+		
Total	-0.0000783	14,344
White	-0.0001016	15,898
Black	-0.0005025	10,367
Hispanic	-0.0007784	10,367
Males 18+		
Total	-0.0001638	14,344
White	-0.0002112	15,898
Black	-0.0011083	10,367
Hispanic	-0.0015697	10,367
Females 18+		
Total	-0.0001501	14,344
White	-0.0001959	15,898
Black	-0.0009194	10,367
Hispanic	-0.0015441	10,367

Table 13. Distribution of Monthly Cash Income Among Persons 25 to 34 years old

	Total	under $300	$300 to $599	$600 to $899	$900 to $1,199	$1,200 to $1,499	$1,500 to $1,999	$2,000 to $2,499	$2,500 to $2,999	$3,000 to $3,499	$3,500 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 and over
Thousands in interval	39,851	1371	1651	2259	2734	3452	6278	5799	4730	3723	2519	2619	1223	1493
Percent with at least as much as lower bound of interval	--	100.0	96.6	92.4	86.7	79.9	71.2	55.5	40.9	29.1	19.7	13.4	6.8	3.7

Table 14. **Factors to be Applied to Base Parameters to Obtain Combined Panel Parameters for Estimates[1] from Various Reference Periods.**

# of avaialble rotation months for 2 panels combined[2]	factor
Monthly Estimate	
2	4.0000
3	3.0000
4	2.0000
5	1.6667
6	1.3333
7	1.1667
8	1.0000
Quarterly Estimates	
12	1.8519
15	1.5631
18	1.2222
19	1.1470
24	1.0000
Annual Estimates	
96	1.0000

[1] Estimates are based on monthly averages.

[2] The number of available rotation months for a given estimate is the sum of the number of rotations available for each month of the estimate for the two panels. There must be at least one rotation month available for each month from each panel for monthly and quarterly estimates.

TOPICAL MODULE EVALUATION

SIPP 1990 Panel Wave 6 File, Part A -
Time Spent Outside the Work Force

The attached table shows imputation rates for all items which were included in this topical module. This analysis was performed on unweighted data.

Attachment

SIPP 1990 WAVE 6 Time Spent Outside the Workforce MODULE: Imputation Analysis (Unweighted Data)

Source Code	Universe	Number Imputed	Imputation Rate
8002	37267	7975	21.4
8004	2461	580	23.6
8006	34806	7734	22.2
8008	34806	3350	9.6
8010	34806	3008	8.6
8012	16484	4515	27.4
8014	16484	3321	20.1
8018	16484	1438	8.7
8020	16484	1325	8.0
8022	4580	351	7.7
8024 *	4580	1126	24.6
8026	4580	466	10.2
8028 *	4580	1096	23.9
8032 *	1455	620	42.6
8034	1455	204	14.0
8036 *	1455	616	42.3
8040 *	623	364	58.4
8042	623	115	18.5
8044 *	623	355	57.0

* The number imputed for these items includes all persons who have a value of "do not know" (DK) for the item (for example, the 1126 imputed number for source code 8024 includes 1051 persons who have a value of X1 in source code 8027).

TOPICAL MODULE EVALUATION

SIPP 1990 Panel Wave 6 File, Part E - Utilization of Health Care Services

Evaluation of this module included checking the reasonableness of the imputation rates and looking at mean length of hospital stay by hospital type (military, non-military), by type of stay for the last hospitalization (psychiatric, drug related, medical, or other) and by frequency of stay. All imputation rates are in a reasonable range. The distribution of stays seems appropriate. Further, the means and ranges of all variables are within specifications (see Table A and attached SAS output).

According to the attached unweighted tables, 27,476 respondents answered the health care utilization module. About 9 percent of respondents had been a patient in a hospital at some time during the past year. Almost 75 percent of patients were hospitalized only once. The mean length of stay among patients hospitalized once during the year was 5.5 days.

Patients who were hospitalized in a VA or military hospital generally had longer stays than did patients with no military hospitalization. Patients in psychiatric hospitals, as well as patients who were last hospitalized for drug or mental conditions had longer stays than did other patients.

Attachment

TABLE A
Imputation Rates for Utilization of Health Care Services

Source Code	90W6 Base	#Imp	%Imp	90W3 %Imp
TM9102	3835	66	1.7	1.6
TM9104_12	3835	44	1.1	1.4
TM9114	3835	64	1.7	1.4
TM9116	3835	92	2.4	1.2
TM9118	3835	84	2.2	4.2
TM9120	3835	159	4.1	3.7
TM9122	41936	4716	11.2	8.0
TM9124	41936	3719	8.9	8.4
TM9126	29260	2746	9.3	9.1
TM9127	41936	3733	8.9	-
TM9128	22171	2383	10.7	5.7
TM9129	41936	3650	8.7	-
TM9130	36888	3403	9.2	6.2
TM9136	5932	789	13.3	1.4
TM9138	5871	825	14.0	13.9

Source Code	91W3 Base	#Imp	%Imp	90W6 %Imp
TM9102	2536	52	2.0	1.7
TM9104_12	2536	31	1.2	1.1
TM9114	2536	54	2.1	1.7
TM9116	2536	58	2.3	2.4
TM9118	2536	42	1.6	2.2
TM9120	2536	98	3.9	4.1
TM9122	27476	2549	9.3	11.2
TM9124	27476	1947	7.1	8.9
TM9126	19351	1536	7.9	9.3
TM9127	27476	1896	6.9	8.9
TM9128	14780	1219	8.2	10.7
TM9129	27476	1852	6.7	8.7
TM9130	24140	1746	7.2	9.2
TM9136	3709	447	12.3	13.3
TM9138	3670	460	12.5	14.0

Variable	N	Mean	Std Dev	Minimum	Maximum
STRUCNUM	41936	9916.65	5747.88	1.0000000	19813.00
RECRDNUM	41936	1.9153710	1.1590840	1.0000000	12.0000000
V9102	41936	0.0015738	0.0396407	0	1.0000000
V9114	41936	0.0015261	0.0390364	0	1.0000000
V9116	41936	0.0021938	0.0467874	0	1.0000000
V9118	41936	0.0020031	0.0447112	0	1.0000000
V9120	41936	0.0037915	0.0614590	0	1.0000000
V9122	41936	0.1124571	0.3159317	0	1.0000000
V9124	41936	0.0886828	0.2842887	0	1.0000000
V9126	41936	0.0654807	0.2473752	0	1.0000000
V9127	41936	0.0890166	0.2847711	0	1.0000000
V9128	41936	0.0568247	0.2315101	0	1.0000000
V9129	41936	0.0870374	0.2818932	0	1.0000000
V9130	41936	0.0811475	0.2730647	0	1.0000000
V9136	41936	0.0188144	0.1358707	0	1.0000000
V9138	41936	0.0196728	0.1388750	0	1.0000000
V9104_12	41936	0.0010492	0.0323750	0	1.0000000
MV9100	41936	1.9085511	0.2882498	1.0000000	2.0000000
MV9102	41936	0.1362552	0.6841376	0	61.0000000
MV9104	41936	0.0185521	0.1349383	0	1.0000000
MV9106	41936	0.0338611	0.1808738	0	1.0000000
MV9108	41936	0.0394411	0.1946442	0	1.0000000
MV9110	41936	0.0027900	0.0527470	0	1.0000000
MV9112	41936	0.000906143	0.0300889	0	1.0000000
MV9114	41936	0.3577833	1.1367226	0	4.0000000
MV9116	41936	0.1799647	0.5697515	0	2.0000000
MV9118	41936	0.7584891	5.4017471	-1.0000000	324.0000000
MV9120	41936	0.1521127	3.3465214	-3.0000000	123.0000000
MV9122	41936	0.3222768	13.3031438	-3.0000000	123.0000000
MV9124	41936	2.9923693	8.4055339	-3.0000000	99.0000000
MV9126	41936	0.7937572	3.9482198	-3.0000000	99.0000000
MV9127	41936	-0.0284958	4.2752193	-3.0000000	93.0000000
MV9128	41936	-0.2457554	1.8295642	-3.0000000	30.0000000
MV9129	41936	1.1203739	0.3254021	1.0000000	2.0000000
MV9130	41936	1.4136064	1.7352832	0	11.0000000
MV9132	41936	1.2247234	0.4174050	1.0000000	2.0000000
MV9134	41936	0.3661770	0.7176427	0	2.0000000
MV9136	41936	0.1429082	0.3541153	0	2.0000000
MV9138	41936	0.5499332	1.5127252	0	9.0000000
MVHSADID	41936	12.9025181	8.4193584	11.0000000	64.0000000
MVHSCNT	41936	8.4018743	3.2600724	0	18.0000000
MVHSMTCH	41936	1.0752098	0.2637328	1.0000000	2.0000000
MVHSPINX	41936	2.0145460	1.4004132	1.0000000	18.0000000
MVHSPNUM	41936	129.2087228	100.4618340	101.0000000	680.0000000
MVHSPSU	41936	484.1957268	240.4482264	21.0000000	998.0000000
MVHSRCSQ	41936	1.9153710	1.1590840	1.0000000	12.0000000
MVHSRCTP	41936	150.0000000	0	150.0000000	150.0000000
MVHSSEG	41936	3357.73	1157.74	1001.00	4999.00
MVHSSEQ	41936	9916.65	5747.88	1.0000000	19813.00
MVHSSER	41936	10.1950591	18.3567735	1.0000000	59.0000000
MVHSWAVE	41936	6.0000000	0	6.0000000	6.0000000

ALL

	AVGLNG			MV9102		
	MEAN	N	PCTN	MEAN	N	PCTN
CATTIMES						
ONE TIME	5.63	2909.00	75.85	1.00	2909.00	75.85
2 TO 5 TIMES	6.52	863.00	22.50	2.45	863.00	22.50
MORE THAN 5X	2.73	63.00	1.64	10.98	63.00	1.64

ANYMIL 0

	AVGLNG			MV9102		
	MEAN	N	PCTN	MEAN	N	PCTN
CATTIMES						
ONE TIME	5.61	2814.00	73.38	1.00	2814.00	73.38
2 TO 5 TIMES	6.37	829.00	21.62	2.45	829.00	21.62
MORE THAN 5X	2.84	59.00	1.54	11.00	59.00	1.54

ANYMIL 1

	AVGLNG			MV9102		
	MEAN	N	PCTN	MEAN	N	PCTN
CATTIMES						
ONE TIME	6.14	95.00	2.48	1.00	95.00	2.48
2 TO 5 TIMES	10.13	34.00	0.89	2.41	34.00	0.89
MORE THAN 5X	1.14	4.00	0.10	10.75	4.00	0.10

ANYPSY 0

	AVGLNG			MV9102		
	MEAN	N	PCTN	MEAN	N	PCTN
CATTIMES						
ONE TIME	5.16	2831.00	73.82	1.00	2831.00	73.82
2 TO 5 TIMES	6.35	824.00	21.49	2.45	824.00	21.49
MORE THAN 5X	2.98	57.00	1.49	10.63	57.00	1.49

ANYPSY 1

	AVGLNG			MV9102		
	MEAN	N	PCTN	MEAN	N	PCTN
CATTIMES						
ONE TIME	22.45	78.00	2.03	1.00	78.00	2.03
2 TO 5 TIMES	10.07	39.00	1.02	2.36	39.00	1.02
MORE THAN 5X	0.40	6.00	0.16	14.33	6.00	0.16

LASTMED 0

	AVGLNG			MV9102		
	MEAN	N	PCTN	MEAN	N	PCTN
CATTIMES						
ONE TIME	20.87	91.00	2.37	1.00	91.00	2.37
2 TO 5 TIMES	12.74	39.00	1.02	2.28	39.00	1.02
MORE THAN 5X	0.45	6.00	0.16	13.83	6.00	0.16

LASTMED 1

	AVGLNG			MV9102		
	MEAN	N	PCTN	MEAN	N	PCTN
CATTIMES						
ONE TIME	5.13	2818.00	73.48	1.00	2818.00	73.48
2 TO 5 TIMES	6.22	824.00	21.49	2.46	824.00	21.49
MORE THAN 5X	2.97	57.00	1.49	10.68	57.00	1.49

LASTMEN 0

	AVGLNG			MV9102		
	MEAN	N	PCTN	MEAN	N	PCTN
CATTIMES						
ONE TIME	5.33	2834.00	73.90	1.00	2834.00	73.90
2 TO 5 TIMES	6.24	827.00	21.56	2.45	827.00	21.56
MORE THAN 5X	2.97	57.00	1.49	10.68	57.00	1.49

LASTMEN 1

	AVGLNG			MV9102		
	MEAN	N	PCTN	MEAN	N	PCTN
CATTIMES						
ONE TIME	16.64	75.00	1.96	1.00	75.00	1.96
2 TO 5 TIMES	12.96	36.00	0.94	2.36	36.00	0.94
MORE THAN 5X	0.45	6.00	0.16	13.83	6.00	0.16

LASTDRUG 0

	AVGLNG			MV9102		
	MEAN	N	PCTN	MEAN	N	PCTN
CATTIMES						
ONE TIME	5.40	2886.00	75.25	1.00	2886.00	75.25
2 TO 5 TIMES	6.48	849.00	22.14	2.45	849.00	22.14
MORE THAN 5X	2.78	62.00	1.62	11.03	62.00	1.62

LASTDRUG 1

	AVGLNG			MV9102		
	MEAN	N	PCTN	MEAN	N	PCTN
CATTIMES						
ONE TIME	33.87	23.00	0.60	1.00	23.00	0.60
2 TO 5 TIMES	8.99	14.00	0.37	2.29	14.00	0.37
MORE THAN 5X	-0.13	1.00	0.03	8.00	1.00	0.03

APPENDIX A-1

Income Source Code List

Code Income Sources

1 - Social Security
2 - U.S. Government Railroad Retirement pay
3 - Federal Supplemental Security Income (SSI)
5 - State unemployment compensation
6 - Supplemental Unemployment Benefits
7 - Other unemployment compensation (Trade Adjustment Act benefits, strike pay, other)
8 - Veterans compensation or pensions
10 - Worker's compensation
12 - Employer or union temporary sickness policy
13 - Payments from a sickness, accident or disability insurance policy purchased on your own
20 - Aid to Families with Dependent Children (AFDC, ADC)
21 - General assistance or General relief
23 - Foster child care payments
24 - Other welfare
25 - WIC (Women, Infants and Children) Nutrition Program
27 - Food stamps
28 - Child support payments
29 - Alimony payments
30 - Pension from company or union
31 - Federal Civil Service or other Federal civilian employee pensions
32 - U.S. Military retirement pay
34 - State government pensions
35 - Local government pensions
36 - Income from paid-up life insurance policies or annuities
37 - Estates and trusts
38 - Other payments for retirement, disability or survivor
40 - G.I. Bill/VEAP education benefits
41 - Other VA educational assistance
50 - Income assistance from a charitable group
51 - Money from relatives or friends
52 - Lump sum payments
53 - Income from roomers or boarders
54 - National Guard or Reserve pay
55 - Incidental or casual earnings
56 - Other cash income not included elsewhere
75 - Categories combined and recoded for confidentiality reasons
    State Administered Supplemental Security Income (old code 4)
    Black lung payments (old code 9)
    State temporary sickness or disability benefits (old code 11)
    Indian, Cuban, or Refugee Assistance (old code 22)
    National Guard or Reserve Force retirement (old code 33)

Code Asset List

100 - Regular/passbook savings accounts in a bank, savings and loan or credit union
101 - Money market deposit accounts
102 - Certificates of Deposit or other savings certificates
103 - NOW, Super NOW or other interest earning checking accounts
104 - Money market funds
105 - U.S. Government securities
106 - Municipal or corporate bonds
107 - Other interest-earning assets
110 - Stocks or mutual fund shares
120 - Rental property
130 - Mortgages
140 - Royalties
150 - Other financial investments

Code Special Indicators

170 - Worked
171 - Disabled
172 - Medicare
173 - Medicaid
174 - U.S. Saving Bonds (E, EE)
175 - College Work Study
176 - PELL Grant
177 - Supplemental Educational Opportunity Grant (SEOG)
178 - National Direct Student Loan (NSL)
179 - Guaranteed Student Loan
180 - JTPA Training
181 - Employer assistance
182 - Fellowship/Scholarship
183 - Other financial aid
200 - VA disability rating of 100%
201 - VA disibility of less than 100%

APPENDIX A-2

Income Sources Included in Monthly Cash Income

Earnings from Employment

Wages and salaries
Nonfarm self-employment income
Farm self-employment income

Income from Assets (Property Income)

Regular/passbook savings accounts in a bank, savings and loan or credit union
Money market deposit accounts
Certificates of Deposit or other savings certificates
NOW, Super NOW or other interest-earning checking accounts
Money market funds
U.S. Government securities
Municipal or corporate bonds
Other interest-earning assets
Stocks or mutual fund shares
Rental property
Mortgages
Royalties
Other financial investments

Other Income Sources

Social Security
U.S. Government Railroad Retirement pay
Federal Supplemental Security Income (SSI)
State Administered Supplemental Security Income
State unemployment compensation
Supplemental Unemployment Benefits
Other unemployment compensation (Trade Adjustment Act benefits, strike pay, other)
Veterans compensation or pensions
Black lung payments
Worker's compensation
State temporary sickness or disability benefits
Payments from a sickness, accident or disability insurance policy purchased on your own
Aid to Families with Dependent Children (AFDC, ADC)
General Assistance or General Relief
Indian, Cuban, or Refugee Assistance
Foster child care payments
Other welfare
Child support payments
Alimony payments
Pension from company or union
Federal Civil Service or other Federal civilian employee pensions
U.S. Military retirement pay
National Guard or Reserve Forces retirement
State government pensions
Local government pensions
Income from paid-up life insurance policies or annuities
Estates and trusts

Other payments for retirement, disability or survivor benefits
G.I. Bill/VEAP education benefits
Income assistance from a charitable group
Money from relatives or friends
Lump sum payments
Income from roomers or boarders
National Guard or Reserve pay
Incidental or casual earnings
Other cash income not included elsewhere

APPENDIX A-3

Sources of Means-Tested Benefits Covered in SIPP

Cash Benefits

Federal Supplemental Security Income (SSI)
State Administered Supplemental Security Income
Veterans' pensions
Aid to Families with Dependent Children (AFDC, ADC)
General Assistance or General Relief
Indian, Cuban, or Refugee Assistance
Other welfare
Foster child care payments

Noncash Benefits

Food Stamps
Special Supplemental Food Program for Women, Infants, and Children (WIC)
Low-Income Home Energy Assistance
Medicaid
Free or reduced price school lunches
Free or reduced price school breakfasts
Public or subsidized rental housing

APPENDIX A-4

1980 Census of Population Occupation Classification System

(The numbers in parentheses refer to the 1980 Standard Occupational Classification code equivalents. Pt means part. N.e.c. means not elsewhere classified.)

MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS

1980 Code	Executive, Administrative, and Managerial Occupations
003	Legislators (111)
004	Chief executives and general administrators, public administration (112)
005	Administrators and officials, public administration (1132-1139)
006	Administrators, protective services (1131)
007	Financial managers (122)
008	Personnel and labor relations managers (123)
009	Purchasing managers (124)
013	Managers, marketing, advertising, and public relations (125)
014	Administrators, education and related fields (128)
015	Managers, medicine and health (131)
016	Managers, properties and real estate (1353)
017	Postmasters and mail superintendents (1344)
018	Funeral directors (pt 1359)
019	Managers and administrators, n.e.c. (121, 126, 127, 132-139, exc. 1344, 1353, pt 1359)
	Management related occupations
023	Accountants and auditors (1412)
024	Underwriters (1414)
025	Other financial officers (1415, 1419)
026	Management analysts (142)
027	Personnel, training, and labor relations specialists (143)
028	Purchasing agents and buyers, farm products (1443)
029	Buyers, wholesale and retail trade except farm products (1442)
033	Purchasing agents and buyers, n.e.c. (1449)
034	Business and promotion arents (145)
035	Construction inspectors (1472)
036	Inspectors and compliance officers, exc. construction (1473)
037	Management related occupations, n.e.c. (149)

Professional Specialty Occupations

	Engineers, Architects, and Surveyors
043	Architects (161)
	Engineers
044	Aerospace (1622)
045	Metallurgical and materials (1623)
046	Mining (1624)
047	Petroleum (1625)
048	Chemical (1626)
049	Nuclear (1627)
053	Civil (1628)
054	Agricultural (1632)
055	Electrical and electronic (1633, 1636)
056	Industrial (1634)
057	Mechanical (1635)

058		Marine and naval architects (1637)
059		Engineers, n.e.c. (1639)
063	Surveyors and mapping scientists (164)	
	Mathematical and Computer Scientists	
064		Computer systems analysts and scientists (171)
065		Operations and systems researchers and analysts (172)
066		Actuaries (1732)
067		Statisticians (1733)
068		Mathematical scientists, n.e.c. (1739)
	Natural Scientists	
069		Physicists and astronomers (1842, 1843)
073		Chemists, except biochemists (1845)
074		Atmospheric and space scientists (1846)
075		Geologists and geodesists (1847)
076		Physical scientists, n.e.c. (1849)
077		Agricultural and food scientists (1853)
078		Biological and life scientists (1854)
079		Forestry and conservation scientists (1852)
083		Medical scientists (1855)
	Health Diagnosing Occupations	
084		Physicians (261)
085		Dentists (262)
086		Veterinarians (27)
087		Optometrists (281)
088		Podiatrists (283)
089		Health diagnosing practitioners, n.e.c. (289)
		Health Assessment and Treating Occupations
095		Registered nurses (29)
096		Pharmacists (301)
097		Dietitians (302)
		Therapists
098		Inhalation therapists (3031)
099		Occupational therapists (3032)
103		Physical therapists (3033)
104		Speech therapists (3034)
105		Therapists, n.e.c. (3039)
106		Physicians' assistants (304)
	Teachers, Postsecondary	
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		Mathematical science teachers (2227)
129		Computer science teachers (2228)
133		Medical science teachers (2231)
134		Health specialties teachers (2232)
135		Business, commerce, and marketing teachers (2233)
136		Agriculture and forestry teachers (2234)

137	Art, drama, and music teachers (2235)
138	Physical education teachers (2236)
139	Education teachers (2237)
143	English teachers (2238)
144	Foreign language teachers (2242)
145	Law teachers (2243)
146	Social work teachers (2244)
147	Theology teachers (2245)
148	Trade and industrial teachers (2246)
149	Home economics teachers (2247)
153	Teachers, postsecondary, n.e.c. (2249)
154	Postsecondary teachers, subject not specified
	Teachers, Except Postsecondary
155	Teachers, prekindergarten and kindergarten (231)
N(156)	Teachers, elementary school (232)
P(157)	Teachers, secondary school (233)
158	Teachers, special education (235)
159	Teachers, n.e.c. (236, 239)
163	Counselors, educational and vocational (24)
	Librarians, Archivists, and Curators
164	Librarians (251)
165	Archivists and curators (252)
	Social Scientists and Urban Planners
166	Economists (1912)
167	Psychologists (1915)
168	Sociologists (1916)
169	Social scientists, n.e.c. (1913, 1914, 1919)
173	Urban planners (192)
	Social, Recreation, and Religious Workers
174	Social workers (2032)
175	Recreation workers (2033)
176	Clergy (2042)
177	Religious workers, n.e.c. (2049)
	Lawyers and Judges
178	Lawyers (211)
179	Judges (212)
	Writers, Artists, Entertainers, and Athletes
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 related workers, n.e.c. (328, 329)
195	Editors and reporters (331)
197	Public relations specialists (332)
198	Announcers (333)
199	Athletes (34)

TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS

Technicians and Related Support Occupations

Health Technologists and Technicians
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)
Technologists and Technicians, Except Health
Engineering and Related Technologists and Technicians
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)
Science Technicians
223 Biological technicians (382)
224 Chemical technicians (3831)
225 Science technicians, n.e.c. (3832, 3833, 384, 389)
Technicians; Except Health, Engineering, and Science
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)

Sales Occupations

243 Supervisors and proprietors, sales occupations (40)
Sales Representatives, Finance and Business Services
253 Insurance sales occupations (4122)
254 Real estate sales occupations (4123)
255 Securities and financial services sales occupations (4124)
256 Advertising and related sales occupations (4153)
257 Sales occupations, other business services (4152)
Sales Representatives, Commodities Except Retail
258 Sales engineers (421)
259 Sales representatives, mining, manufacturing, and wholesale (423, 424)
Sales Workers, Retail and Personal Services
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)
Q(276) Cashiers (4364)
277 Street and door-to-door sales workers (4366)

278 News vendors (4365)
Sales Related Occupations
283 Demonstrators, promoters and models, sales (445)
284 Auctioneers (447)
285 Sales support occupations, n.e.c. (444, 446, 449)

Administrative Support Occupations, Including Clerical

Supervisors, Administrative Support Occupations
303 Supervisors, general office (4511, 4513, 4514, 4516, 4519, 4529)
304 Supervisors, computer equipment operators (4512)
305 Supervisors, financial records processing (4521)
306 Chief communications operators (4523)
307 Supervisors; distribution, scheduling, and adjusting clerks (4522, 4524-4528)
Computer Equipment Operators
308 Computer operators (4612)
309 Peripheral equipment operators (4613)
Secretaries, Stenographers,and Typists
R(313) Secretaries (4622)
314 Stenographers (4623)
315 Typists (4624)
Information Clerks
316 Interviewers (4642)
317 Hotel clerks (4643)
318 Transportation ticket and reservation agents (4644)
319 Receptionists (4645)
323 Information clerks, n.e.c. (4649)
Records Processing Occupations, Except Financial
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)
Financial Records Processing Occupations
S(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)
Duplicating, Mail and Other Office Machine Operators
345 Duplicating machine operators (4722)
346 Mail preparing and paper handling machine operators (4723)
347 Office machine operators, n.e.c. (4729)
Communications Equipment Operators
348 Telephone operators (4732)
349 Telegraphers (4733)
353 Communications equipment operators, n.e.c. (4739)
Mail and Message Distributing Occupations
354 Postal clerks, exc. mail carriers (4742)
355 Mail carriers, postal service (4743)
356 Mail clerks, exc. postal service (4744)
357 Messengers (4745)
Material Recording, Scheduling, and Distributing Clerks
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, and checkers (4756)
369 Samplers (4757)
373 Expediters (4758)
374 Material recording, scheduling, and distributing clerks, n.e.c. (4759)
Adjusters and Investigators
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)
Miscellaneous Administrative Support Occupations
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)

SERVICE OCCUPATIONS

Private Household Occupations

403 Launderers and ironers (503)
404 Cooks, private household (504)
405 Housekeepers and butlers (505)
406 Child care workers, private household (506)
T(407) Private household cleaners and servants (502, 507, 509)

Protective Service Occupations

Supervisors, Protective Service Occupations
413 Supervisors, firefighting and fire prevention occupations (5111)
414 Supervisors, police and detectives (5112)
415 Supervisors, guards (5113)
Firefighting and Fire Prevention Occupations
416 Fire inspection and fire prevention occupations (5122)
417 Firefighting occupations (5123)
Police and Detectives
418 Police and detectives, public service (5132)
423 Sheriffs bailiffs, and other law enforcement officers (5134)
424 Correctional institution officers (5133)
Guards
425 Crossing guards (5142)
426 Guards and police, exc. public service (5144)
427 Protective service occupations, n.e.c. (5149)

Service Occupations, Except Protective and Household

Food Preparation and Service Occupations
433 Supervisors, food preparation and service occupations (5211)
434 Bartenders (5212)
U(435) Waiters and waitresses (5213)

436 Cooks, except short order (5214)
437 Short-order cooks (5215)
438 Food counter, fountain and related occupations (5216)
439 Kitchen workers, food preparation (5217)
443 Waiters'/waitresses' assistants (5218)
444 Miscellaneous food preparation occupations (5219)
Health Service Occupations
445 Dental assistants (5232)
446 Health aides, except nursing (5233)
447 Nursing aides, orderlies, and attendants (5236)
Cleaning and Building Service Occupations, except Household
448 Supervisors, cleaning and building service workers (5241)
449 Maids and housemen (5242, 5249)
V(453) Janitors and cleaners (5244)
454 Elevator operators (5245)
455 Pest control occupations (5246)
Personal Service Occupations
456 Supervisors, personal service occupations (5251)
457 Barbers (5252)
458 Hairdressers and cosmetologists (5253)
459 Attendants, amusement and recreation facilities (5254)
463 Guides (5255)
464 Ushers (5256)
465 Public transportation attendants (5257)
466 Baggage porters and bellhops (5262)
467 Welfare service aides (5263)
468 Child care workers,except private household (5264)
469 Personal service occupations, n.e.c. (5258, 5269)

FARMING, FORESTRY, AND FISHING OCCUPATIONS

Farm Operators and Managers

W(473) Farmers, except horticultural (5512-5514)
474 Horticultural specialty farmers (5515)
475 Managers, farms, except horticultural (5522-5524)
476 Managers, horticultural specialty farms (5525)

Other Agricultural and Related Occupations

Farm Occupations, Except Managerial
477 Supervisors, farm workers (5611)
479 Farm workers (5612-5617)
483 Marine life cultivation workers (5618)
484 Nursery workers (5619)
Related Agricultural Occupations
485 Supervisors, related 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)

Forestry and Logging Occupations

494 Supervisors, forestry, and logging workers (571)
495 Forestry workers, except logging (572)
496 Timber cutting and logging occupations (573, 579)

Fishers, Hunters, and Trappers

497 Captains and other officers, fishing vessels (pt 8241)
498 Fishers (583)
499 Hunters and trappers (584)

PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS

Mechanics and Repairers

503 Supervisors, mechanics and repairers (60)
Mechanics and Repairers, Except Supervisors
Vehicle and Mobile Equipment Mechanics and Repairers
X(505) Automobile mechanics (pt 6111)
506 Automobile mechanic apprentices (pt 6111)
507 Bus, truck, and stationary engine mechanics (6112)
508 Aircraft engine mechanics (6113)
509 Small engine repairers (6114)
514 Automobile body and related repairers (6115)
515 Aircraft mechanics, exc. engine (6116)
516 Heavy equipment mechanics (6117)
517 Farm equipment mechanics (6118)
518 Industrial machinery repairers (613)
519 Machinery maintenance occupations (614)
Electrical and Electronic Equipment Repairers
523 Electronic repairers, communications and industrial equipment (6151, 6153, 6155)
525 Data processing equipment repairers (6154)
526 Household 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 (6161)
Miscellaneous Mechanics and Repairers
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

Construction Trades

Supervisors, construction occupations
553 Supervisors; brickmasons, stonemasons, and tile setters (6312)
554 Supervisors, carpenters and related 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, n.e.c. (6311, 6318)
	Construction Trades, Except Supervisors
563	Brickmasons and stonemasons (pt 6412, pt 6413)
564	Brickmason and stonemason apprentices (pt 6412, pt 6413)
565	Tile setters, hard and soft (6414, pt 6462)
566	Carpet installers (pt 6462)
Y(567)	Carpenters (pt 6422)
569	Carpenter apprentices (pt 6422)
573	Drywall installers (6424)
575	Electricians (pt 6432)
576	Electrician apprentices (pt 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 (pt 645)
587	Plumber, pipefitter, and steamfitter apprentices (pt 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)
	Extractive Occupations
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)
	Precision Production Occupations
633	Supervisors, production occupations (67, 71)
	Precision Metal Working Occupations
634	Tool and die makers (pt 6811)
635	Tool and die maker apprentices (pt 6811)
636	Precision assemblers, metal (6812)
637	Machinists (pt 6813)
639	Machinist apprentices (pt 6813)
643	Boilermakers (6814)
644	Precision grinders, filers, and tool sharpeners (6816)
645	Patternmakers and model makers, metal (6817)
646	Lay-out workers (6821)
647	Precious stones and metals workers (Jewelers) (6822, 6866)
649	Engravers, metal (6823)
653	Sheet metal workers (pt 6824)
654	Sheet metal worker apprentices (pt 6824)
655	Miscellaneous precision metal workers (6829)
	Precision Woodworking Occupations
656	Patternmakers and model makers, wood (6831)
657	Cabinet makers and bench carpenters (6832)
658	Furniture and wood finishers (6835)
659	Miscellaneous precision woodworkers (6839)
	Precision Textile, Apparel, and Furnishings Machine Workers
666	Dressmakers (pt 6852, pt 7752)

667 Tailors (pt 6852)
668 Upholsterers (6853)
669 Shoe repairers (6854)
673 Apparel and fabric patternmakers (6856)
674 Miscellaneous precision apparel and fabric workers (6859, pt 7752)
Precision Workers, Assorted Materials
675 Hand molders and shapers, except jewelers (6861)
676 Patternmakers, lay-out workers, and cutters (6862)
677 Optical goods workers (6864, pt 7477, pt 7677)
678 Dental laboratory and medical appliance technicians (6865)
679 Bookbinders (6844)
683 Electrical and electronic equipment assemblers (6867)
684 Miscellaneous precision workers, n.e.c. (6869)
Precision Food Production Occupations
686 Butchers and meat cutters (6871)
687 Bakers (6872)
688 Food batchmakers (6873, 6879)
Precision Inspectors, Testers, and Related Workers
689 Inspectors, testers, and graders (6881, 828)
693 Adjusters and calibrators (6882)
Plant and System Operators
694 Water and sewage treatment plant operators (691)
695 Power plant operators (pt 693)
696 Stationary engineers (pt 693, 7668)
699 Miscellaneous plant and system operators (692, 694, 695, 696)

OPERATORS, FABRICATORS, AND LABORERS

Machine Operators, Assemblers, and Inspectors

Machine Operators and Tenders, except Precision
Metal working and Plastic Working Machine Operators
703 Lathe and turning machine set-up operators (7312)
704 Lathe and turning machine operators (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)
Metal and Plastic Processing Machine Operators
719 Molding and casting machine operators (7315, 7342, 7515, 7542)
723 Metal plating machine operators (7343, 7543)
724 Heat treating equipment operators (7344, 7544)
725 Miscellaneous metal and plastic processing machine operators (7349, 7549)
Woodworking Machine Operators
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)

Printing Machine Operators
734 Printing machine operators (7443, 7643)
735 Photoengravers and lithographers (6842, 7444, 7644)
736 Typesetters and compositors (6841, 7642)
737 Miscellaneous printing machine operators (6849, 7449, 7649)
Textile, Apparel, and Furnishings Machine Operators
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)
Machine Operators, Assorted Materials
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, exc. food (7675)
768 Crushing and grinding machine operators (pt 7477, pt 7677)
769 Slicing and cutting machine operators (7478, 7678)
773 Motion picture projectionists (pt 7479)
774 Photographic process machine operators (6863, 6868, 7671)
777 Miscellaneous machine operators, n.e.c. (pt 7479, 7665, 7679)
779 Machine operators, not specified
Fabricators, Assemblers, and Hand Working Occupations
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)
794 Hand grinding and polishing occupations (7758)
795 Miscellaneous hand working occupations (7759)
Production Inspectors, Testers, Samplers, and Weighers
796 Production inspectors, checkers, and examiners (782, 787)
797 Production testers (783)
798 Production samplers and weighers (784)
799 Graders and sorters, exc. agricultural (785)

Transportation and Material Moving Occupations

Motor Vehicle Operators
803 Supervisors, motor vehicle operators (8111)
804) Truck drivers, heavy (8212, 8213)
805 Truck drivers, light (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)
	Transportation Occupations, Except Motor Vehicles
	Rail Transportation Occupations
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)
	Water Transportation Occupations
828	Ship captains and mates, except fishing boats (pt 8241, 8242)
829	Sailors and deckhands (8243)
833	Marine engineers (8244)
834	Bridge, lock, and lighthouse tenders (8245)
	Material Moving Equipment Operators
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	Miscellaneous material moving equipment operators (8319)

Handlers, Equipment Cleaners, Helpers, and Laborers

863	Supervisors, handlers, equipment cleaners, and laborers, n.e.c. (85)
864	Helpers, mechanics and repairers (863)
	Helpers, Construction and Extractive Occupations
865	Helpers, construction trades (8641-8645, 8648)
866	Helpers, surveyor (8646)
867	Helpers, extractive occupations (865)
869	Construction laborers (871)
873	Production helpers (861, 862)
	Freight, Stock, and Material Handlers
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 related occupations (873)
887	Vehicle washers and equipment cleaners (875)
888	Hand packers and packagers (8761)
889	Laborers, except construction (8769)
905	Member of the Armed Forces

APPENDIX A-5

1980 Census of Population Industry Classification System

(Alphabets parentheses are the 1972 SIC code equivalents [1])

Census
Code

AGRICULTURE, FORESTRY, AND FISHERIES

010 (A) Agricultural production, crops (01)
011 Agricultural production, livestock (02)
020 Agricultural services, except horticultural (07, except 078)
021 Horticultural services (078)
030 Forestry (08)
031 Fishing, hunting, and trapping (09)

MINING

040 Metal mining (10)
041 Coal mining (11, 12)
042 Crude petroleum and natural gas extraction (13)
050 Nonmetallic mining and quarrying, except fuel (14)

060 (B) **CONSTRUCTION** (15, 16, 17)

MANUFACTURING

Nondurable Goods

Food and kindred products
100 Meat products (201)
101 Dairy products (202)
102 Canned 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)
Textile mill products
132 Knitting mills (225)
140 Dyeing and finishing textiles, except wool and knit goods (226)
141 Floor coverings, except hard surface (227)
142 Yarn, thread, and fabric mills (221-224, 228)
150 Miscellaneous textile mill products (229)

1 See Executive Office of the President, Office of Management and Budget, Standard Industrial Classification Manual, 1972 and the 1977 Supplement.

Apparel and other finished textile products
151 Apparel and accessories, except knit (231-238)
152 Miscellaneous fabricated textile products (239)
Paper and allied products
160 Pulp, paper, and paperboard mills (261-263, 266)
161 Miscellaneous paper and pulp products (264)
162 Paperboard containers and boxes (265)
Printing, publishing, and allied industries
171 (C) Newspaper publishing and printing (271)
172 Printing, publishing, and allied industries, except newspapers (272-279)
Chemicals and allied products
180 Plastics, synthetics, and resins (282)
181 Drugs (283)
182 Soaps and cosmetics (284)
190 Paints, varnishes, and related products (287)
191 Agricultural chemicals (287)
192 Industrial and miscellaneous chemicals (281, 286, 289)
Petroleum and coal products
200 Petroleum refining (291)
201 Miscellaneous petroleum and coal products (295, 299)
Rubber and miscellaneous plastics products
210 Tires and inner tubes (301)
211 Other rubber products, and plastics footwear and belting (302-304, 306)
212 Miscellaneous plastics products (307)
Leather and leather products
220 Leather tanning and finishing (311)
221 Footwear, except rubber and plastic (313, 314)
222 Leather products, except footwear (315-317, 319)

Durable Goods

Lumber and wood products, except furniture
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)
Stone, clay, glass, and concrete products
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).
Metal industries
270 Blast furnaces, steelworks, rolling and finishing mills (331)
271 Iron and steel foundries (332)
272 Primary aluminum industries (3334, part 334, 3353-3355, 3361)
280 Other primary metal industries (3331-3333, 3339, part 334, 3351, 3356, 3357, 3362, 3369, 339)
281 Cutlery, handtools, and other hardware (342)
282 Fabricated structural metal products (344)
290 Screw machine products (345)
291 Metal forgings and stampings (346)
292 Ordnance (348)

300 Miscellaneous fabricated metal products (341, 343, 347, 349)
301 Not specified metal industries
Machinery, except electrical
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 (357, except 3573)
322 Electronic computing equipment (3573)
331 Machinery, except electrical, n.e.c. (355, 356, 358, 359)
332 Not specified machinery
Electrical machinery, equipment, and supplies
340 Household appliances (363)
341 Radio, T.V., 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
Transportation equipment
351 Motor vehicles and motor vehicle equipment (371)
352 Aircraft and parts (372)
360 Ship and boat building and repairing (373)
361 Railroad locomotives and equipment (374)
362 Guided missiles, space vehicles, and parts (376)
370 Cycles and miscellaneous transportation equipment (375, 379)
Professional and photographic equipment, and watches
371 Scientific and controlling instruments (38l, 382)
372 Optical and health services supplies (383, 384, 385)
380 Photographic equipment and supplies (386)
381 Watches, clocks, and clockwork operated devices (387)
382 Not specified professional equipment
390 Toys, amusement, and sporting goods (394)
391 Miscellaneous manufacturing industries (39 exc. 394)
392 Not specified manufacturing industries

TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES

Transportation
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)
Communications
440 Radio and television broadcasting (483)
441 Telephone (wire and radio) (481)
442 Telegraph and miscellaneous communication services (482, 489)
Utilities and sanitary services
460 Electric light and power (491)

461 Gas and steam supply systems (492, 496)
462 Electric and gas, and other combinations (493)
470 Water supply and irrigation (494, 497)
471 Sanitary services (495)
472 Not specified utilities

WHOLESALE TRADE

Durable Goods

500 Motor vehicles and equipment (501)
501 Furniture and home furnishings (502)
502 Lumber and construction materials (503)
510 Sporting goods, toys, and hobby goods (504)
511 Metals and minerals, except petroleum (505)
512 Electrical goods (506)
521 Hardware, plumbing and heating supplies (507)
522 Not specified electrical and hardware products
530 Machinery, equipment, and supplies (508)
531 Scrap and waste materials (5093)
532 Miscellaneous wholesale, durable goods (5094, 5099)

Nondurable Goods

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 products - raw materials (515)
552 Petroleum products (517)
560 Alcoholic beverages (518)
561 Farm supplies (5191)
562 Miscellaneous wholesale, nondurable goods (5194, 5198, 5199)
571 Not specified wholesale trade

RETAIL TRADE

580 Lumber and building material retailing (521, 523)
581 Hardware stores (525)
582 Retail nurseries and garden stores (526)
590 Mobile home dealers (527)
591 (D) Department stores (531)
592 Variety stores (533)
600 Miscellaneous general merchandise stores (539)
601 (E) Grocery stores (541)
602 Dairy products stores (545)
610 Retail bakeries (546)
611 Food stores, n.e.c. (542, 543, 544, 549)
612 Motor vehicle dealers (551, 552)
620 Auto and home supply stores (553)
621 Gasoline service stations (554)
622 Miscellaneous vehicle dealers (555, 556, 557, 559)
630 Apparel and accessory stores, except shoe (56, except 566)
631 Shoe stores (566)

632 Furniture and home furnishings stores (571)
640 Household appliances, TV, and radio stores (572, 573)
641 (F) Eating and drinking places (58)
642 Drug stores (591)
650 Liquor stores (592)
651 Sporting goods, bicycles, and hobby stores (5941, 5945, 5946)
652 Book and stationery stores (5942, 5943)
660 Jewelry stores (5944)
661 Sewing, needlework and piece goods stores (5949)
662 Mail order houses (5961)
670 Vending machine operators (5962)
671 Direct selling establishments1establishments (5963)
672 Fuel and ice dealers (598)
681 Retail florists (5992)
682 Miscellaneous retail stores (593, 5947, 5948, 5993, 5994, 5999)
691 Not specified retail trade

FINANCE, INSURANCE, AND REAL ESTATE

700 (G) Banking (60)
701 Savings and loan associations (612)
702 Credit agencies, n.e.c. (61, except 612)
710 Security, commodity brokerage, and investment companies (62, 67)
711 (H) Insurance (63, 64)
712 Real estate, including real estate-insurance-law offices (65, 66)

BUSINESS AND REPAIR SERVICES

721 Advertising (731)
722 Services to dwellings and other buildings (734)
730 Commercial research, development, and testing labs (7391, 7397)
731 Personnel supply services (736)
732 Business management and consulting services (7392)

740 Computer and data processing services (737)
741 Detective and protective services (7393)
742 Business services, n.e.c. (732, 733, 735, 7394, 7395, 7396, 7399)
750 Automotive services, except repair (751, 752, 754)
751 Automotive repair shops (753)
752 Electrical repair shops (762, 7694)
760 Miscellaneous repair services (763, 764, 7692, 7699)

PERSONAL SERVICES

761 (J) 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)
772 Beauty shops (723)
780 Barber shops (724)
781 Funeral service and crematories (726)
782 Shoe repair shops (725)
790 Dressmaking shops (part 729)

791 Miscellaneous personal services (722, part 729)

ENTERTAINMENT AND RECREATION SERVICES

800 Theaters and motion pictures (78, 792)
801 Bowling alleys, billiard and pool parlors (793)
802 Miscellaneous entertainment and recreation services (791, 794, 799)

PROFESSIONAL AND RELATED SERVICES

812 Offices of physicians (801, 803)
820 Offices of dentists (802)
821 Offices of chiropractors (8041)
822 Offices of optometrists (8042)
830 Offices of health practitioners, n.e.c. (8049)
831 (K) Hospitals (806)
832 Nursing and personal care facilities (805)
840 Health services, n.e.c. (807, 808, 809)
841 Legal services (81)
842 (L) Elementary and secondary schools (821)
850 (M) Colleges and universities (822)
851 Business, trade, and 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 (835)
870 Residential care facilities, without nursing (836)
871 Social services, n.e.c. (832, 839)
872 Museums, art galleries, and zoos (84)
880 Religious organizations (866)
881 Membership organizations (861-865, 869)
882 Engineering, architectural, and surveying services (891)
890 Accounting, auditing, and bookkeeping services (893)
891 Noncommercial educational and scientific research (892)
892 Miscellaneous professional and related services (899)

PUBLIC ADMINISTRATION

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 Administration of human resources programs (94)
930 Administration of environmental quality and housing programs (95)
931 Administration of economic programs (96)
932 National security and international affairs (97)
991 Member of the Armed Forces

FORM SIPP-10001 (7-20-88)

U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

CONTROL CARD

SURVEY OF INCOME AND PROGRAM PARTICIPATION

NOTICE – Your report to the Census Bureau is confidential by law (title 13, U.S. Code). It may be seen only by sworn Census employees and may be used only for statistical purposes.

1 R O CODE

2 CONTROL NUMBER: PSU | Segment | Seg. suf. | Serial | Sample 8 1 0 | CHECK DIGIT

3 ADDRESS I.D.

4 SEGMENT TYPE: 1 [ ] Address 2 [ ] Unit 3 [ ] Permit 4 [ ] Area 5 [ ] Special place

5a Field Rep. code

5b Letter sent — W1 W2 W3 W4 W5 W6 W7 W8 — [ ] Yes [ ] No

6a EXTRA UNIT Original unit serial number

6b Sheet ... Line ...

6c OFFICE USE ONLY

7 Wave for which Control Card first prepared

HOUSEHOLD RECORD (Card ___ of ___)

FILL ITEMS 17–20 FOR ALL PERSONS LIVING OR STAYING HERE

17 ENTRY ADDRESS I.D. [PGM 3]

18 PERSON NUMBER — Assign 101, 102, etc. for wave 1; 201, 202, etc. for wave 2

19a HOUSEHOLD ROSTER

FIRST INTERVIEW AT WAVE 1 ADDRESS –

What are the names of all persons living or staying here? Start with the name of the person or one of the persons who (owns, rents) this home. Please include middle and maiden names. (Leave one blank space between each part of name)

FIRST INTERVIEW AT MOVER'S NEW ADDRESS for mover's new address – Fill items 17–19a before the interview.

Last, First, Middle, Maiden

19b RELATIONSHIP TO REFERENCE PERSON (RP)

Ask if not apparent:

What is ...'s relationship to (Read name of RP)?

Example: Reference person, wife or husband, son, daughter, son-in-law, sister, foster son, partner, lodger, lodger's wife

See codes on page 4

First code | Update code

20 HOUSEHOLD MEMBER

Does ... usually live here?

1-Yes
2-No – Probe for URE

Yes | No

FILL (OR UPDATE AS APPROPRIATE) ITEMS 23–33 FOR HOUSEHOLD MEMBERS ONLY – Ask each item for entire household before asking next item

23 DATE ENTERED OR LEFT

Complete if instructed by item 21, enter code and date

See codes on page 4

First occurrence: Code | Mo. | Day | Year — Update: Code | Mo. | Day | Year

24 BIRTH DATE/AGE

a. What is ...'s date of birth?

Example: 01-20-1983
12 01-1924

Verify age using Flashcard G

b. ... is now (Read age) years old, is that correct?

Mo. | Day | Year | Age | Age Update

25 PERSON NUMBER OF PARENT

Refer to 18 and 19b. If none enter "999"

ASK IF 15 OR OLDER

26a MARITAL STATUS

Is ... now –
Married
1-Sp. Pres.
2-Sp. Abs.
3-Widowed
4-Divorced
5-Separated
OR
6-Never married?

First code | Update code

26b PERSON NUMBER OF SPOUSE

Refer to 18, 19b, and 26a. If none enter "999"

27 DESIGNATED PARENT OR GUARDIAN

Fill for "Never married" persons under 18. If no parent, ask: Who in this household is responsible for ...?

Enter person number

28 SEX

Ask if not apparent

Is ...
1-Male or 2-Female?

M | F

29 RACE

SHOW FLASHCARD H

What is the race of each person in this household?

See codes on page 4

30 ORIGIN

SHOW FLASHCARD I

What is the origin or descent of each person in this household?

See codes on page 4

GO TO ITEM 31a

21 HOUSEHOLD ROSTER COVERAGE

• WAVE 1 INTERVIEW

		Yes	No
21a I have listed (Read names from item 19a). Have I missed – If "Yes," to any of the following, ask name and complete items 17–20 above. [PGM 4]			
– Any babies or small children?	0010	1 [ ]	2 [ ]
– Any lodgers, boarders, or persons you employ who live here?	0012	1 [ ]	2 [ ]
– Anyone who usually lives here but is away now–traveling, at school, or in a hospital?	0014	1 [ ]	2 [ ]
– Anyone else staying here?	0016	1 [ ]	2 [ ]

• FIRST INTERVIEW AT MOVER'S NEW ADDRESS

		Yes	No
21b I have listed ... (Read names from item 19a), as now living at this address. Is this correct? If NO, ask –Which person did not move here?	0018	1 [ ]	2 [ ]
21c When did ... move in here? Enter appropriate code and date in item 23.			
21d Is there anyone else living or staying here now? If YES, ask name and complete items 17–19a, then ask: When did .. begin living here? If moved in before sample person(s), enter code "04" in item 23 and omit date. If moved in at the same time or after sample person(s), enter appropriate code and date in item 23.	0020	1 [ ]	2 [ ]
21e Which of these persons (owns/rents) this home? Assign as reference person in item 19b.			

• SUBSEQUENT INTERVIEWS

	W2	W3	W4	W5	W6	W7	W8
21f I have listed ... (Read names from item 19a). Are all of these persons still living or staying here? If NO, ask: Who no longer lives here? When did ... leave? Enter appropriate code and date left in item 23. Probe, if necessary, for reason left. If entire household moved, mark "No" in item 21g, complete item 23, determine new address (item 34), and end interview.	0022 1 [ ] Y 2 [ ] N	0026 1 [ ] Y 2 [ ] N	0030 1 [ ] Y 2 [ ] N	0034 1 [ ] Y 2 [ ] N	0038 1 [ ] Y 2 [ ] N	0042 1 [ ] Y 2 [ ] N	0046 1 [ ] Y 2 [ ] N
21g Is anyone else living or staying here, including new born babies? If YES, ask name and complete items 17–20 above, then ask: When did ... begin living here? Enter appropriate code and date in item 23. Anyone else?	0024 1 [ ] Y 2 [ ] N	0028 1 [ ] Y 2 [ ] N	0032 1 [ ] Y 2 [ ] N	0036 1 [ ] Y 2 [ ] N	0040 1 [ ] Y 2 [ ] N	0044 1 [ ] Y 2 [ ] N	0048 1 [ ] Y 2 [ ] N

22 HOUSING UNIT COVERAGE – WAVE 1 INTERVIEW

22a FIELD REPRESENTATIVE CHECK ITEM

Unit is: [ ] In a special place – SKIP to 24 above
[ ] Not in a special place – ASK 22b

Ask if not apparent:

22b Do all persons in this household live OR eat together?

[ ] Yes – ASK 22c
[ ] No, neither live nor eat together – Fill Table X for the person or group of persons not living or eating with RP

Ask if not apparent:

22c Does any other household on the property live OR eat with this household?

[ ] Yes – Redefine the unit to include space occupied by all persons who live or eat together. Apply merged unit procedures if appropriate.

[ ] No

GO TO ITEM 24 ABOVE

31a Person number — Enter person number from item 18

ASK IF 15 OR OLDER

EDUCATION

31b What is the highest grade or year of regular school ... has ever attended?

00 – Never attended or kindergarten
01-08 – Elementary
09-12 – High school
21-26 – College (Academic)

First code | Update code

31c Did ... complete that grade (year)?

1-Yes
2-No

Yes | No

ARMED FORCES

32a Did ... ever serve on active duty in the U.S. Armed Forces?

1-Yes
2-No

Yes | No

If "Yes" in 32a ask:

32b When did ... serve? See codes on page 4

1st code | 2nd code | 3rd code

32c Is ... now in the Armed Forces?

1-Yes
2-No

Yes | No

SOCIAL SECURITY

★ **33a** What is ...'s Social Security (or Railroad Retirement) number?

If don't know ask:

If I call back, would ... be able to provide this information?

If "Yes," mark Reminder Card

33b Nonresponse

Mark the appropriate box

1-Don't know
2-Refusal
3-None

FIELD REPRESENTATIVE: Go to first questionnaire interview

8 ADDRESS (Sheet ____ Line ____)

8a What is your exact address?

House number, street, Apt. number, or other identification

Place ____ County ____ State ____ ZIP code ____

8b Is this also your mailing address? ☐ Yes ☐ No – *Specify below*

Route number, P.O. Box, or other identification

Place ____ County ____ State ____ ZIP code ____

8c Special place name

8d Type code

8e Sample number

AREA SEGMENTS ONLY

9 YEAR BUILT

☐ Ask first visit
☐ DO NOT ASK

When was this structure originally built?

☐ Before 4-1-80 – *Continue interview*
☐ After 4-1-80 – *Complete item 10c when required; END INTERVIEW*

10 COVERAGE QUESTIONS

☐ Ask items marked
☐ DO NOT ASK

☐ **10a** Are there any occupied or vacant living quarters besides your own in this building? ☐ Yes – *Fill Table X* ☐ No

☐ **10b** Are there any occupied or vacant living quarters besides your own on this floor? ☐ Yes – *Fill Table X* ☐ No

☐ **10c** Is there any other building on this property for people to live in – either occupied or vacant? ☐ Yes – *Fill Table X* ☐ No

OFFICE USE ONLY

11 GEOGRAPHIC LOCATION – *FILL ON MOVER'S NEW CONTROL CARD*

11a Is (the) address within the limits of a city, town, or village?

1 ☐ Yes – What is the name? ____
2 ☐ No – Not within the limits of a city, town, or village

11b Address is

1 ☐ Within a SIPP PSU
2 ☐ 0 - 24
3 ☐ 25 - 49
4 ☐ 50 - 74
5 ☐ 75 - 100
6 ☐ 100 +

} *Miles from a SIPP PSU*

INTRODUCTION

INITIAL VISIT – Hello, I am *(Field Representative's name)* from the United States Bureau of the Census. Here is my identification card. We are conducting a survey on the economic situation of people who live in the United States. I have some questions to ask you. Did you receive our letter?

RETURN VISIT – Hello, I am *(Field Representative's name)* from the United States Bureau of the Census. Here is my identification 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 on this subject. Did you receive our letter? *GO TO ITEM 21f on page 2.*

12 LAND USE

12a *Follow instructions for box that is marked*

1 ☐ URBAN – *SKIP to item 13*
2 ☐ RURAL – *Reg. units and SP. PL. units coded 85-88 in 8d – ASK item 12b*
SP. PL. units not coded 85-88 in 8d – Mark "No" in item 12b without asking, then go to item 13
3 ☐ Unclassified – *ASK 12b, or mark by observation*

12b During the past 12 months did sales of crops, livestock, and other farm products from this place amount to $1,000 or more?

1 ☐ Yes
2 ☐ No

13 CLASSIFICATION OF LIVING QUARTERS – *Mark by observation*

13a FIELD REPRESENTATIVE CHECK ITEM

Unit is:

1 ☐ In a Special Place – *Refer to Table A in Part C of manual and mark appropriate box in either 13c or 13d*
2 ☐ NOT in a Special Place

13b ACCESS

1 ☐ Direct – *Go to item 13c*
2 ☐ Through another unit – *Not a separate HU; combine with unit through which access is gained. Apply merged unit procedures if appropriate.*

13c 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 – *Describe in notes*

13d OTHER unit

8 ☐ Quarters not HU in rooming or boarding house
9 ☐ Unit not permanent in transient hotel, motel, etc.
10 ☐ Unoccupied site for mobile home, trailer, or tent
11 ☐ OTHER unit not specified above – *Describe in notes*

14 UNITS IN STRUCTURE

ASK IF NOT APPARENT –

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

1 ☐ Only OTHER units
2 ☐ Mobile home or trailer
3 ☐ One, detached
4 ☐ One, attached
5 ☐ Two
6 ☐ 3 - 4
7 ☐ 5 - 9
8 ☐ 10 - 19
9 ☐ 20 - 49
10 ☐ 50 or more

15 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?

16 CHARACTERISTICS OF UNIT – UPDATE/VERIFY EACH WAVE

ASK ONLY IF UNIT IS RENTED (Otherwise go to item 19a on page 2, or 21b if first interview at mover's new address)

16a Is this residence in a public housing project, that is, is it owned by a local housing authority?

1 ☐ Yes – *Go to item 19a, page 2 OR 21b if first interview at mover's new address*
2 ☐ No
x1 ☐ DK

16b Is the Federal, State or local government paying part of the rent for this residence?

1 ☐ Yes
2 ☐ No
x1 ☐ DK

} *Go to item 19a, page 2 OR 21b if first interview at mover's new address*

NOTES

36 HOUSEHOLD FINAL INTERVIEW STATUS – *Complete after interview*

Wave (a)	Code (b)	*If codes 06, 16, or 22, specify* (c)
1		
2		
3		
4		
5		
6		
7		
8		

37 CHARACTERISTICS OF TYPE A OR D HOUSEHOLD

Verify for each wave assigned.

37a Race of reference person – *Enter code from flashcard*

37b Sex of reference person

1 ☐ Male
2 ☐ Female

37c Size of household – *Count all children and adults*

38 RECORD OF VISITS, CONTROL CARD RESPONDENT PERSON NUMBER AND APPOINTMENTS

Wave (a)	Month (b)	Day (c)	Personal visits: Tally (d)	Personal visits: Total (e)	Telephone calls: Tally (f)	Telephone calls: Total (g)	cc respondent person number (h)	O – Obsvd. R – Rsint. (i)	Appointment time and date NA – No appointment (j)	Field Representative name (k)
1										
2										
3										
4										
5										
6										
7										
8										

39 FUTURE CONTACTS – *Read Flashcard T and fill 39a–c. Verify and update for waves 2 – 8. If additional contacts required, use page 4.*

39a What is your telephone number? ( ) ☐ Refused ☐ None

39b What is the best time to call or visit? ____ a.m. ____ p.m.

39c 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.

Name ____ Relationship to person no. ____

Address (No., St., Apt. No., City, State, ZIP code) ____ Telephone number (Include area code) ____

CODES FOR HOUSEHOLD INTERVIEW STATUS

Wave 1 interview status

01 – Interviewed

Type A – Noninterview
02 – No one home
03 – Temporarily absent
04 – Refused
05 – Unable to locate
06 – Other – *Specify*

Type B – Noninterview
09 – Vacant
10 – Occupied by persons with URE
11 – Unit or to be demolished
12 – Under construction, not ready
13 – Converted to temporary business or storage
14 – Unoccupied site for mobile home, trailer, or tent
15 – Permit granted, construction not started
16 – Other – *Specify*

Type C – Noninterview
17 – Demolished
18 – House or trailer moved
19 – Converted to permanent business or storage
20 – Merged
21 – Condemned
22 – Other – *Specify*

Waves 2 – 8 interview status

01 – Interviewed

Type A – Noninterview
02 – No one home
03 – Temporarily absent
04 – Refused
05 – Unable to locate
06 – Other – *Specify*

Type B – Noninterview
18 – Entire HH institutionalized or temporarily ineligible

Type C – Noninterview
22 – Deleted (sample adjustment, error)
23 – Entire household deceased, moved out of country, or living in armed forces barracks

Type D – Noninterview
24 – Moved, address unknown
25 – Moved within country beyond limit

26 – All sample persons relisted on new Control Card(s) (On old cc enter "26" in item 36)

34a MOVERS

1	Person number(s)	Entire HH moved ☐ — *If box is marked fill 34b*	New telephone number
	New address — Number and street		
	City	State	ZIP Code
	Other Identification		Wave move discovered
2	Person number(s)		New telephone number
	New address — Number and street		
	City	State	ZIP Code
	Other Identification		Wave move discovered
3	Person number(s)		New telephone number
	New address — Number and street		
	City	State	ZIP Code
	Other Identification		Wave move discovered
4	Person number(s)		New telephone number
	New address — Number and street		
	City	State	ZIP Code
	Other Identification		Wave move discovered
5	Person number(s)		New telephone number
	New address — Number and street		
	City	State	ZIP Code
	Other Identification		Wave move discovered

FSM 4, Cont'd.

OFFICE USE ONLY 0054

34b *If entire household moves, try to determine:*

Is the address within the limits of a city, town, or village?

1 ☐ Yes — What is the name? ____________

2 ☐ No — Not within the limits of a city, town, or village

35 MERGED HOUSEHOLD MATCH TABLE

New person number (a)	PREVIOUS IDENTIFICATION PSU (b)	Segment (c)	Serial (d)	Sample designation (e)	Entry address ID (f)	Person number (g)
0056	0058	0060	0062	0064	0066	0068
0070	0072	0074	0076	0078	0080	0082
0084	0086	0088	0090	0092	0094	0096
0098	0100	0102	0104	0106	0108	0110
0112	0114	0116	0118	0120	0122	0124
0126	0128	0130	0132	0134	0136	0138
0140	0142	0144	0146	0148	0150	0152
0154	0156	0158	0160	0162	0164	0166

CODES FOR 19b

01 — Reference Person WITH relatives in household
02 — Reference Person with NO relatives in household
03 — Husband/Wife
04 — Natural/adopted child
05 — Stepchild
06 — Foster child
07 — Grandchild
08 — Parent
09 — Brother/Sister
10 — Other relative of Reference Person
11 — Non-relative of Reference Person WITH OWN relatives in household
12 — Partner/roommate
13 — Non-relative of Reference Person (other than partner/roommate) with NO OWN relatives in household

ENTERED CODES FOR 23

Entered — This Wave

01 — Birth
02 — Marriage
03 — Other
04 — *(Use only with item 21d)*
13 — Re-entered sample after missing one or more waves
16 — From institution
17 — From Armed Forces barracks
18 — From outside the country
19 — Due to separation or divorce

Entered — Should have been added in a previous wave

21 — Birth
22 — Marriage
23 — Other
24 — Sample person added during second interview period
36 — From institution
37 — From Armed Forces barracks
38 — From outside the country
39 — Due to separation or divorce

LEFT CODES FOR 23

Left — This Wave

05 — Deceased
06 — Institutionalized
07 — Living in Armed Forces barracks
08 — Moved outside of country
09 — Separation or divorce
10 — Person number 201 + no longer living with sample person
11 — Other
12 — *Use this code if instructed by your office*
99 — Listed in error

Left — Should have been deleted in a previous wave

25 — Deceased
26 — Institutionalized
27 — Living in Armed Forces barracks
28 — Moved outside of country
29 — Separation or divorce
30 — 201 + person no longer living with sample person
31 — Other

CODES FOR 30

01 — German
02 — English
03 — Irish
04 — French
05 — Italian
06 — Scottish
07 — Polish
08 — Dutch
09 — Swedish
10 — Norwegian
11 — Russian
12 — Ukrainian
13 — Welsh
14 — Mexican-American
15 — Chicano
16 — Mexican
17 — Puerto Rican
18 — Cuban
19 — Central or South American (Spanish speaking)
20 — Other Spanish
21 — Afro-Amer. (Black or Negro)
30 — Another group not listed
39 — Don't know

CODES FOR 28

1 — White
2 — Black
3 — American Indian, Eskimo or Aleut
4 — Asian or Pacific Islander
5 — Other — *Specify below* —

Person No.	*Specify race*

CODES FOR 32b

If more than one code applies, start with lowest number and enter codes in ascending order. Thus, if person served in Vietnam and in Korea enter "1", and then "2".

1 — Vietnam Era (Aug. '64 – April '75)
2 — Korean Conflict (June '50 – Jan. '55)
3 — World War II (Sept. '40 – July '47)
4 — World War I (Apr. '17 – Nov. '18)
5 — May 1975 to August 1980
6 — September 1980 or later
7 — Other Service (All other periods)

39 FUTURE CONTACTS (Continued) — *Read Flashcard T and fill 39c. Verify and update for Waves 2–8.*

39c 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.

Name	Relationship to person no. ______
Address *(No., St., Apt. No., City, State, ZIP Code)*	Telephone number *(Include area code)*

39 FUTURE CONTACTS (Continued) — *Read Flashcard T and fill 39c. Verify and update for Waves 2–8.*

39c 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.

Name	Relationship to person no. ______
Address *(No., St., Apt. No., City, State, ZIP Code)*	Telephone number *(Include area code)*

39 FUTURE CONTACTS (Continued) — *Read Flashcard T and fill 39c. Verify and update for Waves 2–8.*

39c 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.

Name	Relationship to person no. ______
Address *(No., St., Apt. No., City, State, ZIP Code)*	Telephone number *(Include area code)*

TRANSCRIPTION ITEMS (Card _____ of _____)

FIELD REPRESENTATIVE INSTRUCTIONS ▶ These columns are to be filled after the interview. Fill a column for each household member listed in Household Roster who is age 15 or older.

COL. 1

COL.	40 Person number	41 Name / Respondent person number	W1	W2	W3	W4	W5	W6	W7	W8
1										

EMPLOYMENT

Empl. I.D.	42 NAME OF EMPLOYER	W1	W2	W3	W4	W5	W6	W7	W8
1		1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
2		1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
3		1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
4		1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
Bus. I.D.	**43 NAME OF BUSINESS/FARM**	**W1**	**W2**	**W3**	**W4**	**W5**	**W6**	**W7**	**W8**
1		1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
2		1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
3		1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐

INTERVIEW STATUS

Line No.	Code	44 PERSON INTERVIEW STATUS	W1	W2	W3	W4	W5	W6	W7	W8
0		Ineligible for interview (code 993)	1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
1		Noninterview — No interview obtained (code 991)	1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
2		Interview — No ISS codes marked (code 992)	1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐

INCOME

Mark box only if indicated on ISS

Line No.	Code	45 INCOME SOURCES (1–56)	W1	W2	W3	W4	W5	W6	W7	W8
3			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
4			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
5			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
6			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
7			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
8			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
9			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
		46 ASSETS (100–150)								
10			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
11			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
12			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
13			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
14			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
15			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
16			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
		47 SPECIAL INDICATORS								
17			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
18			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
19			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐

COL. 2

COL.	40 Person number	41 Name / Respondent person number	W1	W2	W3	W4	W5	W6	W7	W8
2										

EMPLOYMENT

Empl. I.D.	42 NAME OF EMPLOYER	W1	W2	W3	W4	W5	W6	W7	W8
1		1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
2		1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
3		1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
4		1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
Bus. I.D.	**43 NAME OF BUSINESS/FARM**	**W1**	**W2**	**W3**	**W4**	**W5**	**W6**	**W7**	**W8**
1		1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
2		1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
3		1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐

INTERVIEW STATUS

Line No.	Code	44 PERSON INTERVIEW STATUS	W1	W2	W3	W4	W5	W6	W7	W8
0		Ineligible for interview (code 993)	1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
1		Noninterview — No interview obtained (code 991)	1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
2		Interview — No ISS codes marked (code 992)	1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐

INCOME

Mark box only if indicated on ISS

Line No.	Code	45 INCOME SOURCES (1–56)	W1	W2	W3	W4	W5	W6	W7	W8
3			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
4			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
5			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
6			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
7			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
8			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
9			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
		46 ASSETS (100–150)								
10			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
11			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
12			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
13			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
14			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
15			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
16			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
		47 SPECIAL INDICATORS								
17			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
18			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
19			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐

COL. 3

COL.	40 Person number	41 Name / Respondent person number	W1	W2	W3	W4	W5	W6	W7	W8
3										

EMPLOYMENT

Empl. I.D.	42 NAME OF EMPLOYER	W1	W2	W3	W4	W5	W6	W7	W8
1		1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
2		1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
3		1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
4		1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
Bus. I.D.	**43 NAME OF BUSINESS/FARM**	**W1**	**W2**	**W3**	**W4**	**W5**	**W6**	**W7**	**W8**
1		1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
2		1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
3		1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐

INTERVIEW STATUS

Line No.	Code	44 PERSON INTERVIEW STATUS	W1	W2	W3	W4	W5	W6	W7	W8
0		Ineligible for interview (code 993)	1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
1		Noninterview — No interview obtained (code 991)	1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
2		Interview — No ISS codes marked (code 992)	1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐

INCOME

Mark box only if indicated on ISS

Line No.	Code	45 INCOME SOURCES (1–56)	W1	W2	W3	W4	W5	W6	W7	W8
3			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
4			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
5			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
6			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
7			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
8			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
9			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
		46 ASSETS (100–150)								
10			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
11			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
12			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
13			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
14			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
15			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
16			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
		47 SPECIAL INDICATORS								
17			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
18			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
19			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐

OMB No. 0607-0670: Approval Expires 09/30/92

FORM **SIPP-10600** (8-1-91)

U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

SURVEY OF INCOME AND PROGRAM PARTICIPATION

1990 PANEL

WAVE 6 QUESTIONNAIRE

NOTICE — Your report to the Census Bureau is **confidential** by law (title 13, U.S. Code). It may be seen only by sworn Census employees and may be used only for statistical purposes.

PGM 6

1. Book ____ of ____

2. (cc 1) R.O. code

3a. (cc 2) PSU | Segment | Serial | Sample 1 0 | Check digit

b. (cc 3) Add. ID

4. (cc 17)
a. Entry Add. ID
b. PERSON Number (cc 18)
c. Name (cc 19a)
First
Middle initial

5. PERSON CHARACTERISTICS — *Fill a,b,c, and d using the control card*
a. Relationship code (cc 19b)
b. Date of birth (cc 24) Month Day Year
c. Sex code (cc 28)
d. Marital status code (cc 26a)

6. Field representative identification
Code | Name

7. PERSON INTERVIEW STATUS
a. Interview
1 ☐ Self
2 ☐ Proxy → *(Enter person number)* } SKIP to 8

b. Noninterview
1 ☐ Type Z refusal 2 ☐ Type Z other

8. Date of interview for this person
Month Day } *Fill start time in item 9a, then go to Introduction*

9a. Interview time for this person

	Initial visit	Callback visit
Start time →	a.m. p.m.	a.m. p.m.
Finish time →	a.m. p.m.	a.m. p.m.

b. Total interview time for this person ____ Minutes

10a. Field representative edit time
Start time → a.m. p.m.
Finish time → a.m. p.m.

b. Total edit time ____ Minutes

11a. Pre-interview transcription time
Start time → a.m. p.m.
Finish time → a.m. p.m.

b. Total pre-interview time for transcription ____ Minutes

12. 1 ☐ Phone interview — *Specify reason*

INTRODUCTION

FIELD REPRESENTATIVE INSTRUCTIONS — Read introduction once to each respondent. Do not repeat to another respondent who was in the room when you earlier read the introduction.

(As I described during my last visit,) This survey is about the economic situation of people living in the United States. Most of the questions will be about . . .'s activities during ________, ________, ________, and ________.
Here is a calendar that shows the 4 months we will be talking about. *(Hand respondent Flashcard J.)* **This time period is very important, so if you have any questions about what period is being referred to during the interview, please ask me.**

We need the most accurate and complete information possible. Please think carefully about each question, search your memory and take your time in answering. For some of the questions it will help to look up the answers by checking whatever records are available to you here. *(GO TO CHECK ITEM N1.)*

CHECK ITEM N1 Does . . .'s person number begin with a "6"?
PGM 7
0900
1 ☐ Yes
2 ☐ No — *SKIP to section 1, item 1, page 2*

CHECK ITEM N2 Was . . . missed when household members were listed for Wave 1?
0901
1 ☐ Yes — *SKIP to section 1, item 1, page 2*
2 ☐ No

13a. On March 31, 1990, was . . . living in any of the kinds of places listed on this card? *(Show Flashcard P)*
0914
1 ☐ Yes
2 ☐ No — *SKIP to section 1, item 1, page 2*
x1 ☐ DK
x2 ☐ Ref. } *SKIP to section 1, item 1, page 2*

b. Which code on this card represents the kind of place . . . was living in on March 31, 1990?
0916
1 ☐ Armed Forces barracks
2 ☐ Outside the United States
3 ☐ Nonhousehold setting

NOTES

Section 5 — TOPICAL MODULES

Part A — TIME SPENT OUTSIDE THE WORK FORCE

CHECK ITEM T1 Is . . . 21 years of age or over?

8000
1 ☐ Yes
2 ☐ No — *SKIP to Check Item T2, page 56*

1a. In what year did . . . first work six straight months or longer at a paid job or business?

(Consider either full- or part-time jobs.)

8002 | 1 | 9 | | | — *SKIP to 1c*
x3 ☐ Never worked 6 straight months at a job or business.
x1 ☐ DK — *SKIP to 1d*

b. What is the main reason . . . never worked six straight months or longer at a paid job or business?

Mark (X) only one.

8004
1 ☐ Taking care of home or family
2 ☐ Ill or disabled
3 ☐ Going to school
4 ☐ Couldn't find work
5 ☐ Didn't want to work
6 ☐ Other
x1 ☐ DK
} *SKIP to Check Item T2, page 56*

c. Since *(Year entered in 1a)* **how many years have there been when . . . worked at least 6 straight months during the year?**

8006 x5 ☐ All years
OR
☐☐ Years
x1 ☐ DK

d. During the time that . . . has worked, has . . . generally worked full time or part time?

8008
1 ☐ Full time
2 ☐ Part time

2a. People spend time not working at a paid job or business for various reasons, such as taking care of a home or family, illness, going to school, or other reasons. Since . . . was 21 years of age, have there been any periods lasting 6 months or longer when . . . did not work at a paid job or business?

8010
1 ☐ Yes
2 ☐ No — *SKIP to Check Item T2, page 56*

b. From the time . . . was 21 years old, when was the first time that . . . went 6 months or longer without working at a paid job or business?

FROM	TO
8012 | 1 | 9 | | |	8014 | 1 | 9 | | |
8016 x1 ☐ DK	8017 x1 ☐ DK

(SHOW FLASHCARD LL)

c. What was the main reason . . . did not work at a paid job or business during that time?

Mark (X) only one.

8018
1 ☐ Taking care of a minor child
2 ☐ Taking care of an elderly family member
3 ☐ Taking care of a disabled but non-elderly family member
4 ☐ Other family or home responsibilities
5 ☐ Own illness or disability
6 ☐ Retirement or old age
7 ☐ Could not find work
8 ☐ Did not want to work
9 ☐ Going to school
10 ☐ Other

NOTES

Section 5 — TOPICAL MODULES (Continued)

Part A — TIME SPENT OUTSIDE THE WORK FORCE (Continued)

2d. After this first time were there any other periods of 6 months or longer when . . . did not work at a paid job or business?

8020 1 ☐ Yes
2 ☐ No — *SKIP to Check Item T2, page 56*

e. How many other times did this happen?

8022 1 ☐ One time
2 ☐ Two times
3 ☐ Three or more times

Ask 2f and 2g for each "Other" time indicated above — maximum of three. Proceed from the earliest "Other" occurrence to the most recent.

f. When was the (second/third/fourth) time that . . . went 6 months or longer without working at a paid job or business?

2g. What was the main reason . . . did not work at a paid job or business during that time?

(Consider either full- or part-time jobs.)

SECOND TIME . . . .

(SHOW FLASHCARD LL)

FROM 8024 1 9 _ _
8027 x1 ☐ DK
TO 8028 1 9 _ _
8030 x1 ☐ DK

8026 1 ☐ Taking care of a minor child
2 ☐ Taking care of an elderly family member
3 ☐ Taking care of a disabled but non-elderly family member
4 ☐ Other family or home responsibilities
5 ☐ Own illness or disability
6 ☐ Retirement or old age
7 ☐ Could not find work
8 ☐ Did not want to work
9 ☐ Going to school
10 ☐ Other

(Consider either full- or part-time jobs.)

THIRD TIME . . . .

(SHOW FLASHCARD LL)

FROM 8032 1 9 _ _
8035 x1 ☐ DK
TO 8036 1 9 _ _
8038 x1 ☐ DK

8034 1 ☐ Taking care of a minor child
2 ☐ Taking care of an elderly family member
3 ☐ Taking care of a disabled but non-elderly family member
4 ☐ Other family or home responsibilities
5 ☐ Own illness or disability
6 ☐ Retirement or old age
7 ☐ Could not find work
8 ☐ Did not want to work
9 ☐ Going to school
10 ☐ Other

(Consider either full- or part-time jobs.)

FOURTH TIME . . . .

(SHOW FLASHCARD LL)

FROM 8040 1 9 _ _
8043 x1 ☐ DK
TO 8044 1 9 _ _
8046 x1 ☐ DK

8042 1 ☐ Taking care of a minor child
2 ☐ Taking care of an elderly family member
3 ☐ Taking care of a disabled but non-elderly family member
4 ☐ Other family or home responsibilities
5 ☐ Own illness or disability
6 ☐ Retirement or old age
7 ☐ Could not find work
8 ☐ Did not want to work
9 ☐ Going to school
10 ☐ Other

NOTES

Section 5 — TOPICAL MODULES (Continued)

Part B — CHILD SUPPORT AGREEMENTS

CHECK ITEM T2 *Refer to cc items 24 and 25.* Is . . . the parent of children under 21 years of age who live in this household?	8400	1 ☐ Yes 2 ☐ No — *SKIP to part C, page 61*
1a. Does . . . have any children in this household under 21 years of age who have a parent living elsewhere? (Do not include stepparents or parents who would be living at home except for military or other job related absences.)	8402	1 ☐ Yes 2 ☐ No — *SKIP to part C, page 61*
b. These next few questions concern child support. Have child support payments ever been agreed to or awarded for (any of) . . .'s children living here?	8404	1 ☐ Yes 2 ☐ No — *SKIP to 4a, page 59*
c. For how many children?	8406	☐☐ Children
2a. In some cases, child support agreements are made and then later modified or revised. The following questions relate to the most recent initial agreement and any subsequent modifications of that agreement. **Was this agreement a voluntary written agreement ratified by the court, a court-ordered agreement, some other type of written agreement, or a non-written (verbal) agreement?**	8408	1 ☐ Voluntary written agreement ratified by the court 2 ☐ Court-ordered agreement 3 ☐ Other type of written agreement — *Specify* ↓ __________ __________ 4 ☐ Non-written agreement — *SKIP to Check Item T4, page 58*
b. Which children living here are covered by that agreement?	8410	x5 ☐ All 8411 x3 ☐ None OR Person No. Name
	8412	☐☐☐ ________
	8414	☐☐☐ ________
	8416	☐☐☐ ________
c. In what year was this agreement FIRST reached?	8418	1 9 ☐☐ x1 ☐ DK
d. What was the dollar amount of that agreement?	8420	$ ____ . 00 Per week
	8422	$ ____ . 00 Biweekly
	8424	$ ____ . 00 Per month
	8426	$ ____ . 00 Per year
	8428	x1 ☐ DK
e. Has the dollar amount ever been changed?	8430	1 ☐ Yes 2 ☐ No — *SKIP to 2h*
f. In what year was the amount LAST changed?	8432	1 9 ☐☐ x1 ☐ DK
g. What was the dollar amount for the agreement after the last change?	8434	$ ____ . 00 Per week
	8436	$ ____ . 00 Biweekly
	8438	$ ____ . 00 Per month
	8440	$ ____ . 00 Per year
	8442	x1 ☐ DK

Section 5 — TOPICAL MODULES (Continued)

Part B — CHILD SUPPORT AGREEMENTS (Continued)

2h. Were any payments due in the last 12 months?

8444
1 ☐ Yes — *SKIP to 2j*
2 ☐ No

i. Why were no payments due in the last 12 months?

8446
1 ☐ Child(ren) over the age limit
2 ☐ Other parent not working
3 ☐ Other parent deceased
4 ☐ Other — *Specify*
} *SKIP to 2o*

j. What is the total amount that . . . was supposed to have received in child support payments during the past 12 months (from the most recent agreement)?

8448
$ ______ . 00
x1 ☐ DK

k. What is the total amount that . . . actually received in child support payments under that agreement, during the past 12 months?

8450
$ ______ . 00 OR
x3 ☐ None
OR
x1 ☐ DK

l. How are the payments now received? Are they received — *(Read responses.)*

8452
1 ☐ **Directly from the other parent?**
2 ☐ **Through a court?**
3 ☐ **Through the welfare or child support agency?**
4 ☐ **Some other method?** — *Specify*
x1 ☐ DK

m. How regularly are child support payments received? Are they received — *(Read responses.)*

8454
1 ☐ **All of the time**
2 ☐ **Most of the time**
3 ☐ **Some of the time**
4 ☐ **None of the time**

n. During the past 12 months, how many child support payments were paid within 30 days of when they were due? *(Read responses.)*

8456
1 ☐ **All**
2 ☐ **Most**
3 ☐ **Some**
4 ☐ **None**

o. What kinds of provisions for health care costs are included in the child support agreement?
Mark (X) all that apply.

8458 1 ☐ Non-custodial parent to provide health insurance
8460 2 ☐ Custodial parent to provide health insurance
8462 3 ☐ Non-custodial parent to pay medical costs directly
8464 4 ☐ Child support payments to include cash medical support
8466 5 ☐ None
8468 6 ☐ Other — *Specify*

p. What child custody arrangements does the most recent agreement specify?

8470
1 ☐ Joint legal and physical custody
2 ☐ Joint legal with mother physical custody
3 ☐ Joint legal with father physical custody
4 ☐ Mother legal and physical custody
5 ☐ Father legal and physical custody
6 ☐ Split custody
7 ☐ Other — *Specify*

q. Does the child support agreement specify the visitation arrangement between the child(ren) and the other parent?

8472
1 ☐ Yes
2 ☐ No

Section 5 — TOPICAL MODULES (Continued)

Part B — CHILD SUPPORT AGREEMENTS (Continued)

CHECK ITEM T3 *Refer to items 1c and 2b.*
Is more than one child covered by the most recent agreement?

8474
1 ☐ Yes
2 ☐ No — *SKIP to 2s*

2r. Did all the children visit the other parent about the same number of days in the last 12 months?

8476
1 ☐ Yes — *ASK 2s for all children*
2 ☐ No — *ASK 2s for oldest child*

s. What is the total amount of time (the oldest) (all) child(ren) spent visiting the other parent in the last 12 months?

8478 ☐☐☐ Days
8480 ☐☐ Weeks
8482 ☐☐ Months
8484 x3 ☐ None
8486 x1 ☐ DK

t. Where does the other parent (for this agreement) now live?

8488
1 ☐ Same county/city
2 ☐ Same State (different county/city)
3 ☐ Different State
4 ☐ Other parent now deceased — *SKIP to Check Item T4*
5 ☐ Other — *Specify*
x1 ☐ DK

u. If . . . had to contact the other parent, how would . . . do so? Would . . . contact the other parent — *(Read responses.)*
Mark (X) only one.

8490
1 ☐ **Directly?**
2 ☐ **Through a friend?**
3 ☐ **Through a relative?**
4 ☐ **Other** — *Specify*
5 ☐ No way of contacting other parent

CHECK ITEM T4 *Refer to items 1c, 2b, and the Control Card Household Roster.*
Does . . . have any children living in this household not covered by the most recent child support agreement ?

8492
1 ☐ Yes
2 ☐ No — *SKIP to 4a*

3a. (Other than the support agreement discussed above), are any of . . .'s other children in this household covered by another written child support agreement?

8494
1 ☐ Yes
2 ☐ No — *SKIP to 4a*

b. How many other agreements?

8496 ☐ Number

c. The following questions relate to the most recent of these agreements. Was this agreement a voluntary written agreement ratified by the court, a court-ordered agreement, or some other type of written agreement?

8498
1 ☐ Voluntary written agreement ratified by the court
2 ☐ Court-ordered agreement
3 ☐ Other type of written agreement — *Specify*

d. Which children living here are covered by this agreement?

	Person No.	Name
8500		
8502		
8504		

e. What is the total amount that . . . was supposed to have received in child support payments under this agreement, during the last 12 months?

8506 $ ______ . 00 Per week
8508 $ ______ . 00 Weekly
8510 $ ______ . 00 Per month
8512 $ ______ . 00 Per year
8513 x1 ☐ DK x3 ☐ None

Part B — CHILD SUPPORT AGREEMENTS (Continued)

3f. What is the total amount that . . . actually received in child support payments under this agreement, during the last 12 months?	8516	$ ______ . 00 OR x3 ☐ None OR x1 ☐ DK
g. Where does the other parent (for this agreement) now live?	8518	1 ☐ Same county/city 2 ☐ Same State (different county/city) 3 ☐ Different State 4 ☐ Other parent now deceased 5 ☐ Other — *Specify* ______ ______ x1 ☐ DK
4a. For any of . . .'s children, has . . . ever asked a public agency (such as the child support enforcement office or welfare agency) for help in obtaining child support?	8520	1 ☐ Yes 2 ☐ No — *SKIP to Check Item T5*
b. In what year did . . . LAST ASK for help?	8522	1 9 __ __ x1 ☐ DK
c. What type of help did . . . ask for *(Last contact)*? *Mark (X) all that apply.*	8524 8526 8528 8530 8532 8534 8536	1 ☐ Locate the other parent 2 ☐ Establish paternity/maternity 3 ☐ Establish support obligation 4 ☐ Establish medical support 5 ☐ Enforce support order 6 ☐ Modify an order 7 ☐ Other — *Specify* ______ ______
d. Did . . . receive any help from the agency *(Last contact)*?	8538	1 ☐ Yes 2 ☐ No — *SKIP to Check Item T5*
e. What kind of help did . . . receive *(Last contact)*? *Mark (X) all that apply.*	8540 8542 8544 8546 8548 8550 8552	1 ☐ Locate the other parent 2 ☐ Establish paternity/maternity 3 ☐ Establish support obligation 4 ☐ Establish medical support 5 ☐ Enforce support order 6 ☐ Modify an order 7 ☐ Other — *Specify* ______ ______
CHECK ITEM T5 *Refer to item 2b.* Are all children in the household covered by the most recent agreement?	8554	1 ☐ Yes — *SKIP to 5f, page 60* 2 ☐ No

NOTES

Section 5 — TOPICAL MODULES (Continued)

Part B — CHILD SUPPORT AGREEMENTS (Continued)

5a. How many children living in . . .'s household do not have a child support award from an absent parent?

8556 ☐☐ Number

x3 ☐ None — *SKIP to 5f*

b. Do all of . . .'s children without a child support award have the same absent parent?

8558
1 ☐ Yes — *ASK 5c, 5d, and 5e only for youngest child WITHOUT an award.*
2 ☐ No — *ASK 5c, 5d, and 5e for youngest child WITHOUT an award; and if more than two children, ask 5c, 5d, and 5e for oldest child WITHOUT an award*

c. Why were child support payments not agreed to or awarded for . . .'s (youngest) (oldest) child without an award?

Record person number of child.

Mark (X) all that apply.

YOUNGEST CHILD	OLDEST CHILD
8560 ☐☐☐ Person number	8562 ☐☐☐ Person number
8564 1 ☐ Paternity not established	8566 1 ☐ Paternity not established
8568 2 ☐ Unable to locate parent	8570 2 ☐ Unable to locate parent
8572 3 ☐ Father unable to pay	8574 3 ☐ Father unable to pay
8576 4 ☐ Final agreement pending	8578 4 ☐ Final agreement pending
8580 5 ☐ Accepted property settlement in lieu of child support	8582 5 ☐ Accepted property settlement in lieu of child support
8584 6 ☐ Do not want child support	8586 6 ☐ Do not want child support
8588 7 ☐ Did not pursue award	8590 7 ☐ Did not pursue award
8592 8 ☐ Other — *Specify* ________	8594 8 ☐ Other — *Specify* ________

d. Where does the other parent for this (youngest) (oldest) child now live?

YOUNGEST CHILD	OLDEST CHILD
8596 1 ☐ Same county/city	8598 1 ☐ Same county/city
8600 2 ☐ Same state (different county/city)	8602 2 ☐ Same state (different county/city)
8604 3 ☐ Different state	8606 3 ☐ Different state
8608 4 ☐ Other parent deceased	8610 4 ☐ Other parent deceased
8612 5 ☐ Other — *Specify* ________	8614 5 ☐ Other — *Specify* ________
x1 ☐ Don't know	x1 ☐ Don't know

e. If . . . had to contact the other parent for (youngest) (oldest) child, (without an award), how would . . . do so? Would . . . contact the other parent — *(Read responses.)*

Mark (X) one.

YOUNGEST CHILD	OLDEST CHILD
8616 1 ☐ **Directly?**	8618 1 ☐ **Directly?**
2 ☐ **Through a friend?**	2 ☐ **Through a friend?**
3 ☐ **Through a relative?**	3 ☐ **Through a relative?**
4 ☐ **Other** — *Specify* ________	4 ☐ **Other** — *Specify* ________
5 ☐ No way of contacting other parent	5 ☐ No way of contacting other parent

f. Were any child support payments received in the last 12 months without a written child support agreement for any of . . .'s children under age 21 living here?

8620
1 ☐ Yes
2 ☐ No — *SKIP to 5h*

g. What is the total amount that . . . received in child support payments under this arrangement in the past 12 months?

8622 $ ________ . 00

OR

x1 ☐ DK

h. Were any non-cash items or services for child support received for any of . . .'s children?

8624
1 ☐ Yes — *Specify* ________
2 ☐ No

Section 5 — TOPICAL MODULES (Continued)

Part C — SUPPORT FOR NONHOUSEHOLD MEMBERS

1. During the past 12 months, did . . . make any regular or lump-sum payments for the support of someone who did not live in . . .'s household?	8700	1 ☐ Yes 2 ☐ No — *SKIP to part D, page 63*
2a. Did . . . make regular payments, lump-sum payments, or both?	8702	1 ☐ Regular 2 ☐ Lump-sum 3 ☐ Both
b. Were any of these payments for the support of . . .'s child or children under 21 years of age?	8704	1 ☐ Yes 2 ☐ No } *SKIP to 5b, page 62* x1 ☐ DK } *SKIP to 5b, page 62*
c. For how many children did . . . make support payments?	8706	☐☐ Children x1 ☐ DK
d. Were any of these payments the result of a court order or some other kind of written agreement?	8708	1 ☐ Yes 2 ☐ No — *SKIP to 4d, page 62*
3a. These next few questions relate to the most recent child support agreement for . . .'s children. **How many children are covered by that agreement?**	8710	☐☐ Children x1 ☐ DK
b. Was this agreement a voluntary written agreement ratified by the court, a court-ordered agreement, some other type of written agreement, or a non-written (verbal) agreement?	8712	1 ☐ Voluntary written agreement ratified by the court 2 ☐ Court-ordered agreement 3 ☐ Other type of written agreement — *Specify* ↓ ________________ 4 ☐ Non-written agreement — *SKIP to 4a, page 62*
c. In what year was this agreement FIRST reached?	8714	1 9 ☐☐ x1 ☐ DK
d. Has the dollar amount originally agreed to ever been changed?	8716	1 ☐ Yes 2 ☐ No } *SKIP to 3f* x1 ☐ DK } *SKIP to 3f*
e. In what year was the amount last changed?	8718	1 9 ☐☐ x1 ☐ DK
f. Is . . . still supposed to pay child support?	8720	1 ☐ Yes 2 ☐ No
g. How much did . . . pay in child support under this agreement during the past 12 months?	8722	$ ______ . 00 x1 ☐ DK
h. Are these payments made — *(Read responses.)*	8724	1 ☐ **Through employment related wage withholding?** 2 ☐ **Directly to the other parent?** 3 ☐ **Directly to the court?** 4 ☐ **Directly to a child support agency?** 5 ☐ **Other** — *Specify* ↓ ________________ x1 ☐ DK

Section 5 — TOPICAL MODULES (Continued)

Part C — SUPPORT FOR NONHOUSEHOLD MEMBERS (Continued)

3i. What kinds of provisions for health care costs were included in the child support agreement?
Mark (X) all that apply.

- 8726 — 1 ☐ Non-custodial parent to provide health insurance
- 8728 — 2 ☐ Custodial parent to provide health insurance
- 8730 — 3 ☐ Non-custodial parent to pay medical costs directly
- 8732 — 4 ☐ Child support payments to include cash medical support
- 8734 — 5 ☐ Other — *Specify* ________________
- 8736 — x3 ☐ None

4a. (Other than the most recent support agreement discussed above), were any of . . .'s other children outside of this household under age 21 covered by any other court-ordered and/or written child support agreement?

8738 — 1 ☐ Yes
2 ☐ No — *SKIP to 4c*

b. How much did . . . pay in child support for this/these agreement(s) during the past 12 months?

8740 — $ ______ . 00
x1 ☐ DK

c. Were any child support payments made without a written child support agreement for . . .'s children under age 21 during the past 12 months?

8742 — 1 ☐ Yes
2 ☐ No — *SKIP to 5a*

d. How much did . . . pay for child support under this arrangement during the past 12 months?

8744 — $ ______ . 00
x1 ☐ DK

5a. During the past 12 months, did . . . make regular payments for the support of any other person not living in . . .'s household?

8746 — 1 ☐ Yes
2 ☐ No — *SKIP to part D*

b. For how many (other) persons did . . . make support payments?

8748 — ☐☐ Persons
x1 ☐ DK

	FIRST PERSON	SECOND PERSON
c. How is this person related to . . .?	8750 1 ☐ Parent 2 ☐ Spouse 3 ☐ Ex-spouse 4 ☐ Child under 21 5 ☐ Child 21 or older 6 ☐ Other relative 7 ☐ Not related	8752 1 ☐ Parent 2 ☐ Spouse 3 ☐ Ex-spouse 4 ☐ Child under 21 5 ☐ Child 21 or older 6 ☐ Other relative 7 ☐ Not related
d. Where was this person most often living during the past 12 months? Was it in a private home or apartment, a nursing home, or someplace else?	8754 1 ☐ Private home or apartment 2 ☐ Nursing home 3 ☐ Someplace else	8756 1 ☐ Private home or apartment 2 ☐ Nursing home 3 ☐ Someplace else
e. How much did . . . pay for the support of this person during the past 12 months?	8758 $ ______ . 00 x1 ☐ DK	8760 $ ______ . 00 x1 ☐ DK

CHECK ITEM T6 — Is the entry in item 5b "03" or more?

8762 — 1 ☐ Yes
2 ☐ No — *SKIP to part D*

6. How much did . . . pay during the past 12 months for the support of the other persons that we have not talked about already?

8764 — $ ______ . 00
x1 ☐ DK

Section 5 — TOPICAL MODULES (Continued)

Part D— FUNCTIONAL LIMITATIONS AND DISABILITY

1. **These next few questions are about . . .'s health. Would you say . . .'s health in general is excellent, very good, good, fair, or poor?**	8800 1 ☐ Excellent 2 ☐ Very good 3 ☐ Good 4 ☐ Fair 5 ☐ Poor
Mark by observation if apparent. **2.** **Does . . . use any of the following aids to get around?**	
a. A cane, crutches, or a walker	8802 1 ☐ Yes 2 ☐ No
b. A wheelchair	8804 1 ☐ Yes 2 ☐ No
CHECK ITEM T7 Is "Yes" marked in 2a or 2b above?	8806 1 ☐ Yes 2 ☐ No — *SKIP to 4a*
3. **Has . . . used** *(Aid mentioned in 2a or 2b)* **for six months or longer?**	8808 1 ☐ Yes 2 ☐ No
4a. **Does . . . have difficulty seeing the words and letters in ordinary newspaper print even when wearing glasses or contact lenses if . . . usually wears them?**	8810 1 ☐ Has difficulty 2 ☐ No difficulty — *SKIP to 5a*
b. **Is . . . able to see the words and letters in ordinary newsprint at all?**	8812 1 ☐ Yes 2 ☐ No
5a. **Does . . . have any difficulty hearing what is said in a normal conversation with another person (using a hearing aid if . . . usually wears one)?**	8814 1 ☐ Has difficulty 2 ☐ No difficulty — *SKIP to 6a*
b. **Is . . . able to hear what is said in a normal conversation at all?**	8816 1 ☐ Yes 2 ☐ No
6a. **Because of a health condition or problem, does . . . have any difficulty having his/her speech understood?**	8818 1 ☐ Has difficulty 2 ☐ No difficulty — *SKIP to 7a*
b. **Is . . . able to have his/her speech understood at all?**	8820 1 ☐ Yes 2 ☐ No
7a. **Does . . . have any difficulty lifting and carrying something as heavy as 10 lbs., such as a full bag of groceries?**	8822 1 ☐ Has difficulty 2 ☐ No difficulty — *SKIP to 8a*
b. **Is . . . able to lift and carry this much weight at all?**	8824 1 ☐ Yes 2 ☐ No
8a. **Does . . . have any difficulty climbing a flight of stairs without resting?**	8826 1 ☐ Has difficulty 2 ☐ No difficulty — *SKIP to 9a*
b. **Is . . . able to climb a flight of stairs without resting at all?**	8828 1 ☐ Yes 2 ☐ No
9a. **Does . . . have any difficulty walking a quarter of a mile — about 3 city blocks?**	8830 1 ☐ Has difficulty 2 ☐ No difficulty — *SKIP to 10a*
b. **Is . . . able to walk a quarter of a mile at all?**	8832 1 ☐ Yes 2 ☐ No
10a. **Does . . . have any difficulty using the telephone?**	8834 1 ☐ Has difficulty 2 ☐ No difficulty — *SKIP to 11a, page 64*
b. **Is . . . able to use the telephone at all?**	8836 1 ☐ Yes 2 ☐ No

Section 5 — TOPICAL MODULES (Continued)

Part D — FUNCTIONAL LIMITATIONS AND DISABILITY (Continued)

11a. Because of a physical or mental health condition, does . . . have difficulty doing any of the following by himself/herself (exclude the effects of temporary conditions)? *If an aid is used, ask whether the person has difficulty even when using the aid.*

FIELD REPRESENTATIVE INSTRUCTION ▶ *Repeat lead-in as necessary.*

11b. Does . . . need the help of another person with *(Name of activity)*?

Mark "Yes" if person sometimes needs help or usually needs help.

11a		11b
(1) Getting around INSIDE the home?	8838 1 ☐ Has difficulty — *ASK 11b* 2 ☐ No difficulty	8839 1 ☐ Yes 2 ☐ No
(2) Going OUTSIDE the home, for example to shop or visit a doctor's office?	8840 1 ☐ Has difficulty — *ASK 11b* 2 ☐ No difficulty	8841 1 ☐ Yes 2 ☐ No
(3) Getting in and out of bed or a chair?	8842 1 ☐ Has difficulty — *ASK 11b* 2 ☐ No difficulty	8843 1 ☐ Yes 2 ☐ No
(4) Taking a bath or shower?	8844 1 ☐ Has difficulty — *ASK 11b* 2 ☐ No difficulty	8845 1 ☐ Yes 2 ☐ No
(5) Dressing?	8846 1 ☐ Has difficulty — *ASK 11b* 2 ☐ No difficulty	8847 1 ☐ Yes 2 ☐ No
(6) Walking?	8848 1 ☐ Has difficulty — *ASK 11b* 2 ☐ No difficulty	8849 1 ☐ Yes 2 ☐ No
(7) Eating?	8850 1 ☐ Has difficulty — *ASK 11b* 2 ☐ No difficulty	8851 1 ☐ Yes 2 ☐ No
(8) Using the toilet, including getting to the toilet?	8852 1 ☐ Has difficulty — *ASK 11b* 2 ☐ No difficulty	8853 1 ☐ Yes 2 ☐ No
(9) Keeping track of money and bills?	8854 1 ☐ Has difficulty — *ASK 11b* 2 ☐ No difficulty	8855 1 ☐ Yes 2 ☐ No
(10) Preparing meals?	8856 1 ☐ Has difficulty — *ASK 11b* 2 ☐ No difficulty	8857 1 ☐ Yes 2 ☐ No
(11) Doing light housework, such as washing dishes or sweeping a floor?	8858 1 ☐ Has difficulty — *ASK 11b* 2 ☐ No difficulty	8859 1 ☐ Yes 2 ☐ No

CHECK ITEM T8 Is "Yes" marked in item 11b for any of the activities listed above?

8860 1 ☐ Yes — *Go to 12a* 2 ☐ No — *SKIP to Check Item T9*

NOTES

Part D — FUNCTIONAL LIMITATIONS AND DISABILITY (Continued)

12a. You have said that . . . needs the help of another person with one or more activities. Who helps . . . with these activities?

Anyone else?

	FIRST HELPER	SECOND HELPER
	8876	8878
RELATIVE	1 ☐ Son 2 ☐ Daughter 3 ☐ Spouse 4 ☐ Parent 5 ☐ Other relative	1 ☐ Son 2 ☐ Daughter 3 ☐ Spouse 4 ☐ Parent 5 ☐ Other relative
NONRELATIVE	6 ☐ Friend or neighbor 7 ☐ Paid help 8 ☐ Other nonrelative 9 ☐ Did not receive help — *SKIP to 13*	6 ☐ Friend or neighbor 7 ☐ Paid help 8 ☐ Other nonrelative

ASK OR VERIFY —

b. Is *(Person mentioned above)* a household member?

	FIRST HELPER	SECOND HELPER
Yes	8880 1 ☐ Yes	8882 1 ☐ Yes
Person number	8883 ☐☐☐	8884 ☐☐☐
No	8885 2 ☐ No	8886 2 ☐ No

c. For how long has . . . needed the help of another person?

8887
1 ☐ Less than 6 months
2 ☐ 6 to 11 months
3 ☐ 1 to 2 years
4 ☐ 3 to 5 years
5 ☐ More than 5 years

ASK OR VERIFY —

d. During the past month did . . . (or . . .'s) family pay for any of the help that . . . received?

8888
1 ☐ Yes
2 ☐ No } *SKIP to 13*
x1 ☐ DK } *SKIP to 13*

e. How much was paid for such help in *(Read last month)*?

8889 $ ________ . 00
x1 ☐ DK

CHECK ITEM T9 Is "Has difficulty" marked in items 7a, 8a, 9a, 10a, or 11a for any activity?

8890
1 ☐ Yes
2 ☐ No — *SKIP to 15*

(SHOW FLASHCARD AA)

13. I have recorded that . . . has difficulty with certain activities. Which condition or conditions on this card cause this difficulty? Any other?

8892 ☐☐ First condition
8894 ☐☐ Second condition
8896 ☐☐ Third condition

CHECK ITEM T10 Are two or more conditions entered in item 13?

8898
1 ☐ Yes
2 ☐ No — *SKIP to 15*

14. Which of the conditions do you consider to be the main reason for . . .'s difficulty?

8900 ☐☐ Main condition

15. Does . . . have —

a. A learning disability such as dyslexia? . . . . 8902 1 ☐ Yes 2 ☐ No

b. Mental retardation? . . . . 8904 1 ☐ Yes 2 ☐ No

c. A developmental disability such as autism or cerebral palsy? . . . . 8906 1 ☐ Yes 2 ☐ No

d. Alzheimers disease, senility, or dementia? . . . . . 8908 1 ☐ Yes 2 ☐ No

e. Any other mental or emotional condition? . . . . . 8910 1 ☐ Yes 2 ☐ No

Section 5 — TOPICAL MODULES (Continued)

Part D — FUNCTIONAL LIMITATIONS AND DISABILITY (Continued)

CHECK ITEM T11	*Refer to cc item 24.* What is . . .'s age?	8912 1 ☐ 15 years old — *SKIP to Check Item T17* 2 ☐ 16 to 67 years old 3 ☐ 68 years old or older — *SKIP to 18a*
CHECK ITEM T12	*Refer to cc item 47.* Is "Disabled" (code 171) marked on the Control Card for . . .?	8914 1 ☐ Yes — *SKIP to 16* 2 ☐ No
CHECK ITEM T13	Is "Disabled" (code 171) marked on the ISS for . . .?	8916 1 ☐ Yes 2 ☐ No — *SKIP to 17a*
16.	**We have recorded that . . .'s health or condition limits the kind or amount of work . . . can do. Is that correct?**	8918 1 ☐ Yes — *SKIP to Check Item T14* 2 ☐ No — *SKIP to 18a*
17a.	**Does . . . have a physical, mental, or other health condition which limits the kind or amount of work . . . can do?**	8920 1 ☐ Yes — *Mark "171" on ISS* 2 ☐ No — *SKIP to 18a*
CHECK ITEM T14	Is "Worked" (code 170) marked on ISS?	8922 1 ☐ Yes — *SKIP to 18a* 2 ☐ No
17b.	**Does . . .'s health or condition prevent . . . from working at a job or business?**	8924 1 ☐ Yes 2 ☐ No
18a.	**Does . . . have a physical, mental, or other health condition which limits the kind or amount of work . . . can do around the house?**	8926 1 ☐ Yes 2 ☐ No — *SKIP to Check Item T15*
b.	**Does . . .'s health or condition completely prevent . . . from doing work around the house?**	8928 1 ☐ Yes 2 ☐ No
CHECK ITEM T15	Is "Yes" marked in 16, 17a, or 18a?	8930 1 ☐ Yes 2 ☐ No — *SKIP to Check Item T17*
19.	*(SHOW FLASHCARD AA)* **I have marked that . . . is limited in working at a job or around the house —** **Which condition or conditions on this card are the cause of this limitation?** **Any other condition?**	8932 ☐☐ First condition 8934 ☐☐ Second condition 8936 ☐☐ Third condition
CHECK ITEM T16	Are two or more conditions entered in item 19?	8938 1 ☐ Yes 2 ☐ No — *SKIP to Check Item T17*
20.	**Which of the conditions do you consider the main reason for the limitation?**	8940 ☐☐ Main condition
CHECK ITEM T17	*Refer to cc items 24 and 27.* Is . . . the designated parent or guardian of children under the age of 6 who live in this household?	8942 1 ☐ Yes 2 ☐ No — *SKIP to Check Item T18*
21a.	**Because of a physical, learning, or mental health condition, do any of . . .'s children under 6 years of age have any limitations at all in the usual kind of activities done by most children their age?**	8944 1 ☐ Yes 2 ☐ No — *SKIP to 22a*
b.	**Which children have activity limitations?**	Person No. Name 8946 ☐☐☐ ______ 8948 ☐☐☐ ______ 8950 ☐☐☐ ______

Section 5 — TOPICAL MODULES (Continued)

Part D — FUNCTIONAL LIMITATIONS AND DISABILITY (Continued)

22a. Have any of . . .'s children under the age of 6 received therapy or diagnostic services designed to meet their developmental needs?

8952 1 ☐ Yes
2 ☐ No — *SKIP to Check Item T18*

b. Which children have received these services?

	Person No.	Name
8954		
8956		
8958		

CHECK ITEM T18 *Refer to cc items 24, 25, and 27.*
Is . . . the designated parent or guardian of children between the ages of 6 and 21 who live in this household?

8960 1 ☐ Yes
2 ☐ No — *SKIP to Check Item T19*

23a. Because of a physical, learning, or mental health condition, do any of . . .'s children between the ages of 6 and 21 have limitations in their ability to do regular school work?

8962 1 ☐ Yes
2 ☐ No — *SKIP to 24a*

b. Which children have difficulty doing regular school work?

	Person No.	Name
8964		
8966		
8968		

24a. Have any of . . .'s children between the ages of 6 and 21 ever received any special education services?

8970 1 ☐ Yes
2 ☐ No — *SKIP to Check Item T19*

b. Which children have received special education services?

	Person No.	Name
8972		
8974		
8976		

25a. Are any of . . .'s children between the ages of 6 and 21 currently receiving special education services?

8978 1 ☐ Yes
2 ☐ No — *SKIP to Check Item T19*

b. Which children are currently receiving special education services?

	Person No.	Name
8980		
8982		
8984		

CHECK ITEM T19 *Refer to cc items 24 and 27.*
Is . . . the designated parent or guardian of children between the ages of 3 and 14 who live in this household?

8986 1 ☐ Yes
2 ☐ No — *SKIP to Check Item T20*

26a. Do any of . . .'s children between the ages of 3 and 14 have a long lasting condition that limits their ability to walk, run, or use stairs?

8988 1 ☐ Yes
2 ☐ No — *SKIP to Check Item T20*

b. Which children have difficulty with these activities?

	Person No.	Name
8990		
8992		
8994		

CHECK ITEM T20 Are any person numbers recorded in items 21b through 26b?

8996 1 ☐ Yes
2 ☐ No — *SKIP to 28a*

Part D — FUNCTIONAL LIMITATIONS AND DISABILITY (Continued)

(SHOW FLASHCARD BB)

27. I have recorded that *(Read names of children identified in items 21b—26b)* **have difficulty(ies) with certain activities?**

Which condition or conditions on this card are responsible for these difficulties?

Any other?

FIRST CHILD

Person No. Name

8998 ☐☐☐

9000 ☐☐ First condition

9002 ☐☐ Second condition

9004 ☐☐ Third condition

SECOND CHILD

Person No. Name

9006 ☐☐☐

9008 ☐☐ First condition

9010 ☐☐ Second condition

9012 ☐☐ Third condition

THIRD CHILD

Person No. Name

9014 ☐☐☐

9016 ☐☐ First condition

9018 ☐☐ Second condition

9020 ☐☐ Third condition

28a. In the last 12 months, has . . . applied for Social Security disability or SSI benefits for him/herself?

9022
1 ☐ Yes
2 ☐ No — *SKIP to part E*

b. Is . . . receiving Social Security disability or SSI benefits?

9024
1 ☐ Yes
2 ☐ No — *SKIP to part E*

c. In which of the past 12 months did . . . first receive Social Security disability or SSI benefits?

9026 ☐☐ Month

x1 ☐ DK

NOTES

Section 5 — TOPICAL MODULES (Continued)

Part E — UTILIZATION OF HEALTH CARE SERVICES

1a. During the past 12 months, was . . . a patient in a hospital overnight or longer?	9100	1 ☐ Yes 2 ☐ No — *SKIP to 3*
b. How many different times did . . . stay in a hospital overnight or longer during the past 12 months?	9102	☐☐ Times x1 ☐ DK
c. What was the reason for . . .'s last hospital stay? *Mark (X) all that apply.*	9104	1 ☐ Child birth
	9106	2 ☐ Surgery or operation (including bone setting or getting stitches)
	9108	3 ☐ Other medical
	9110	4 ☐ Mental or emotional problem or disorder
	9112	5 ☐ Drug or alcohol abuse problem or disorder
d. Was . . . a patient in a VA or military hospital during (this visit/any of these visits)?	9114	1 ☐ Yes, military 2 ☐ Yes, VA 3 ☐ Yes, both military and VA 4 ☐ No
2a. Was . . . a patient in a psychiatric hospital or a psychiatric unit of a hospital during (this visit/any of these visits)?	9116	1 ☐ Yes 2 ☐ No
b. How many nights in all did . . . spend in a hospital of any type during the past 12 months?	9118	☐☐☐ Nights x1 ☐ DK
c. How many of these nights were in the past 4 months?	9120	x5 ☐ All nights OR ☐☐☐ Nights OR x1 ☐ DK x3 ☐ None
3. During the past 4 months, about how many days did illness or injury keep . . . in bed more than half of the day? (Include days while an overnight patient in a hospital.)	9122	x5 ☐ All days OR ☐☐☐ Days OR x1 ☐ DK x3 ☐ None
4a. During the past 12 months, how many times did . . . see or talk to a medical doctor or assistant? (Do not count occurrences while an overnight patient in a hospital.)	9124	☐☐ Times OR x1 ☐ DK } *SKIP to 5a* x3 ☐ None }
b. How many of these visits or calls were in the past 4 months?	9126	☐☐ Times OR x1 ☐ OK x3 ☐ None

NOTES

Section 5 — TOPICAL MODULES (Continued)

Part E — UTILIZATION OF HEALTH CARE SERVICES (Continued)

5a. During the past 12 months, how many visits did . . . make to a dentist?
Include all types of dentists, such as orthodontists, oral surgeons, and all other dental specialists, as well as dental hygienists.

9127
☐☐ Times
OR
x1 ☐ DK
x3 ☐ None } *SKIP to 6a*

b. How many of these visits were in the past 4 months?

9128
☐☐ Times
OR
x1 ☐ DK
x3 ☐ None

6a. Is there a particular clinic, health center, doctor's office, or some other place where . . . usually goes if . . . is sick or needs advice about . . .'s health?

9129
1 ☐ Yes
2 ☐ No — *SKIP to Check Item T21*

b. To what kind of place does . . . usually go?
Mark (X) only one.

9130
1 ☐ Doctor's office (or HMO)
2 ☐ VA hospital
3 ☐ Military hospital
4 ☐ Hospital outpatient clinic (not VA or military)
5 ☐ Hospital emergency room
6 ☐ Company or industry clinic
7 ☐ Health center (neighborhood health center or free or low-cost clinic)
8 ☐ Psychiatric clinic
9 ☐ Psychiatric Hospital
10 ☐ Private practice psychiatrist or other mental health professional
11 ☐ Other — *Specify* ↓
____

CHECK ITEM T21
Refer to item 27a, page 10.
Is . . . covered by a health insurance plan?

9132
1 ☐ Yes — *SKIP to Check Item C1, page 71*
2 ☐ No

CHECK ITEM T22
Is "Medicare" (code 172) or "Medicaid" (code 173) marked on the ISS?

9134
1 ☐ Yes — *SKIP to Check Item C1, page 71*
2 ☐ No

7. I have recorded that . . . is not covered by a health insurance plan. Is that correct?

9136
1 ☐ Correct
2 ☐ Incorrect — covered by some other plan — *SKIP to Check Item C1, page 71*

(SHOW FLASHCARD JJ)
8. Which answer on this card best describes why . . . is not covered by health insurance?
Mark (X) only one.

9138
1 ☐ Job layoff, job loss, or any reasons related to unemployment
2 ☐ Employer does not offer health insurance
3 ☐ Can't obtain health insurance because of poor health, illness, or age
4 ☐ Too expensive; can't afford health insurance
5 ☐ Don't believe in health insurance
6 ☐ Have been healthy; not much sickness in the family; haven't needed health insurance
7 ☐ Able to go to VA or military hospital for medical care
8 ☐ Covered by some other health plan
9 ☐ Other — *Specify* ↓
____

NOTES

CALLBACK SUMMARY

CHECK ITEM C1	Are any items marked on Reminder Card for . . .?	5000	1 ☐ Yes – *Mark appropriate item(s) below, then SKIP to Check Item C2* 2 ☐ No – *SKIP to Check Item C2*
☐	**1.** Social Security Number *(Enter in cc item 33a)*		☐☐☐-☐☐-☐☐☐☐ x1☐DK x2☐Ref. x3☐None
☐	**2.** Medicare claim number *(Item 23b, page 8)*	5002	☐☐☐-☐☐- 5004 ☐☐☐☐-5005 ☐☐
☐	**3.** EMPLOYER **a.** Employer #1 *(Item 8a, page 17)* What was the total amount of pay received before deductions on this job in . . .?	5006	$ ______ . 00 Last month x1☐DK x2☐Ref. x3☐None
		5008	$ ______ . 00 2 months ago x1☐DK x2☐Ref. x3☐None
		5010	$ ______ . 00 3 months ago x1☐DK x2☐Ref. x3☐None
		5012	$ ______ . 00 4 months ago x1☐DK x2☐Ref. x3☐None
☐	**b.** Employer #2 *(Item 16a, page 19)* What was the total amount of pay received before deductions on this job in . . .?	5014	$ ______ . 00 Last month x1☐DK x2☐Ref. x3☐None
		5016	$ ______ . 00 2 months ago x1☐DK x2☐Ref. x3☐None
		5018	$ ______ . 00 3 months ago x1☐DK x2☐Ref. x3☐None
		5020	$ ______ . 00 4 months ago x1☐DK x2☐Ref. x3☐None
☐	**4.** SELF-EMPLOYMENT **a.** Self-employment #1 *(Item 7, page 21)* What was the total amount of income received from this business in . . .?	5022	$ ______ . 00 Last month x1☐DK x2☐Ref. x3☐None
		5024	$ ______ . 00 2 months ago x1☐DK x2☐Ref. x3☐None
		5026	$ ______ . 00 3 months ago x1☐DK x2☐Ref. x3☐None
		5028	$ ______ . 00 4 months ago x1☐DK x2☐Ref. x3☐None
☐	**b.** Self-employment #2 *(Item 18, page 23)* What was the total amount of income received from this business in . . .?	5030	$ ______ . 00 Last month x1☐DK x2☐Ref. x3☐None
		5032	$ ______ . 00 2 months ago x1☐DK x2☐Ref. x3☐None
		5034	$ ______ . 00 3 months ago x1☐DK x2☐Ref. x3☐None
		5036	$ ______ . 00 4 months ago x1☐DK x2☐Ref. x3☐None
☐	**5.** What was the average amount in savings/ Money market deposit accounts/ CD's/ Interest-earning checking accounts held jointly by husband and wife? *(Item 2c, page 48)*		Amounts for the period – ______ through ______
		5038	$ ______ . 00 x1☐DK x2☐Ref.
☐	**6.** What was the average amount in savings/ Money market deposit accounts/ CD's/Interest-earning checking accounts in own name? *(Item 3c, page 48)*	5040	$ ______ . 00 x1☐DK x2☐Ref.
☐	**7.** What was the average amount in Money market funds/securities/bonds held jointly by husband and wife? *(Item 2c, page 49)*	5042	$ ______ . 00 x1☐DK x2☐Ref.
☐	**8.** What was the average amount in Money market funds/securities/ bonds in own name? *(Item 3c, page 49)*	5044	$ ______ . 00 x1☐DK x2☐Ref.
☐	**9.** What was the amount received in dividends by husband and wife jointly? *(Item 1b, page 50)*	5048	$ ______ . 00 x1☐DK x2☐Ref. x3☐None
☐	**10.** What was the amount received in dividends in own name? *(Item 2a, page 50)*	5050	$ ______ . 00 x1☐DK x2☐Ref. x3☐None
CHECK ITEM C2	Has an interview been conducted for all household members 15+?	5052	1 ☐ Yes – *Enter finish time on cover page, fill cc items 36 and 39 and END INTERVIEW* 2 ☐ No – *Enter finish time for this household member, THEN interview next 15+ household member*

INCOME SOURCE LIST

INCOME LIST

Code	Type	Code	Type
1	Social Security	28	Child support payments
2	U.S. Government Railroad Retirement pay	29	Alimony payments
3	Federal Supplemental Security Income (SSI)	30	Pension from company or union
4	State Supplemental Security Income (State administered SSI only)	31	Federal Civil Service or other Federal civilian employee pensions
5	State unemployment compensation	32	U.S. Military retirement pay
6	Supplemental Unemployment Benefits	33	National Guard or Reserve Forces retirement
7	Other unemployment compensation (Trade Adjustment Act benefits, strike pay, other)	34	State government pensions
8	Veterans' compensation or pensions	35	Local government pensions
9	Black lung payments	36	Income from paid-up life insurance policies or annuities
10	Workers' compensation	37	Estates and trusts
11	State temporary sickness or disability benefits	38	Other payments for retirement, disability or survivor
12	Employer or union temporary sickness policy	40	G.I. Bill
13	Payments from a sickness, accident or disability insurance policy purchased on your own	41	Other VA educational assistance
		50	Income assistance from a charitable group
20	Aid to Families with Dependent Children (AFDC, ADC)	51	Money from relatives or friends
21	General assistance or General relief	52	Lump sum payments
22	Indian, Cuban, or Refugee Assistance	53	Income from roomers or boarders
23	Foster child care payments	54	National Guard or Reserve pay
24	Other welfare	55	Incidental or casual earnings
25	WIC (Women, Infants and Children Nutrition Program)	56	Other cash income not included elsewhere
27	Food stamps		

ASSET LIST

Code	Type
100	Regular/passbook savings accounts in a bank, savings and loan or credit union
101	Money market deposit accounts
102	Certificates of Deposit or other savings certificates
103	Interest-earning checking accounts (such as NOW or Super NOW accounts)
104	Money market funds
105	U.S. Government securities
106	Municipal or corporate bonds
107	Other interest-earning assets
110	Stocks or mutual fund shares
120	Rental property
130	Mortgages
140	Royalties
150	Other financial investments

SPECIAL INDICATORS

Code	Type
170	Worked
171	Disabled
172	Medicare
173	Medicaid
174	U.S. Savings Bonds (E, EE)
175	College work study
176	PELL Grant
177	Supplemental Educational Opportunity Grant (SEOG)
178	National Direct Student Loan (NDSL)
179	Guaranteed Student Loan
180	JTPA Training
181	Employer assistance
182	Fellowship/Scholarship
183	Other financial aid
200	VA disability rating of 100%
201	VA disability of less than 100%

INCOME SOURCE SUMMARY (ISS)

INSTRUCTION — Column (a) shows the income source code. In column (b), mark (X) for all sources from which income was received during the reference period. In column (c), enter the code to indicate whether the respondent used records to verify or provide amounts. Column (d) shows the type of income source. The Amounts section should be filled starting with the page number shown in column (e) for those income sources which have been marked.

PGM 9 ISS code (a)	*Mark (X)* (b)	Record use code 1=Yes 2=No 3=Ref. 4=Sp. Q. (c)	Type of income source and income source code (d)	Amounts section page number (e)
1			INCOME CODES 1-7 Social Security	(A) - 24 28 32 36 40 44
2			U.S. Government Railroad Retirement pay	
3			Federal Supplemental Security Income (SSI)	
5			State Unemployment compensation	
6			Supplemental Unemployment Benefits	
8			INCOME CODES 8-13 Veterans' compensation or pensions	
20			INCOME CODES 20-29 Aid to Families with Dependent Children (AFDC, ADC)	
24			Other Welfare — *Specify*	
25			WIC (Women, Infants, and Children Nutrition Program)	
27			Food Stamps	
28			Child Support payments	
29			Alimony payments	
30			INCOME CODES 30-38 Pension from company or union	
40			INCOME CODES 40-41 GI Bill education benefits	
55			INCOME CODES 50-56 Incidental or casual earnings	
100			ASSET CODES 100-150 Interest Earning Assets Regular/passbook/savings accounts in a bank, savings and loan or credit union	(B)-48
101			Money market deposit accounts	
102			Certificates of Deposit or other savings certificates	
103			Interest-earning checking accounts (such as NOW or Super NOW accounts)	
104			Money market funds	(C) - 49
105			U.S. Government securities	
106			Municipal or corporate bonds	
107			Other interest-earning assets	
110			Stocks or mutual fund shares	(D) - 50
120			Rental property	(E) - 51
130			Mortgages	(F) - 52
140			Royalties	
150			Other financial investments	
170			SPECIAL INDICATOR CODES 170-183, 200, 201 Worked	Section 2
171			Disabled	*DO NOT FILL*
172			Medicare	
173			Medicaid	
174			U.S. Savings Bonds	
200			VA disability rating of 100%	
201			VA disability rating of less than 100%	

PRE-INTERVIEW TRANSCRIPTION ITEMS

Fill the following items with a red pencil.

Item	Page
11a, Start time (Cover page)	1
2–4, 5b, 5c, 6	1
Check Item N1	1
Check Item R6	4
Income Roster, 11b, columns (2) and (3)	5
Check Item R7	4
Check Item R8	5
Asset Roster, 28b, columns (2) and (3)	12
Check Item R31	12
Check Item T11	66
11a, Finish time (Cover page)	1

APPENDIX C

Working Papers

This appendix provides a list of a SIPP Working Papers. Any of these papers are free of charge. See the order form on page C-7.

1990

9001 - "Recent Developments in the Survey of Income and Program Participation", Census Bureau

9002 - "An Analysis of Leaving Home Using Data From the 1984 Panel of the SIPP", by Alden Speare, Roger Avery, Frances Goldscheider, Brown University

9003 - "The Effect of the Marriage Market on First Marriages: Evidence From SIPP", John Fitzgerald, Bowdoin College

9004 - "Counting Spells of Unemployment", Paul Ryscavage and Kathleen Short, Census Bureau

9005 - "The Elderly and Their Sources of Income: Implications for Rural Development", Robert Hoppe, Economic Research Service, U.S. Department of Agriculture

9006 - "Alternative Estimates of Economic Well-Being by Age Using Data on Wealth and Income, Daniel Radner, Social Security Administration

9007 - "Longitudinal Analysis of Federal Survey Data", Patricia Ruggles, Joint Economic Committee

9008 - "Measurement Errors in SIPP Program Reports", Kent H. Marquis and Jeffrey C. Moore, Census Bureau

1989

8901 - "Quality of SIPP Estimates," R. P. Singh, L. Weidman, and G. Shapiro, Census Bureau

8902 - "Two Notes on Sampling Variance Estimates from the 1984 SIPP Public-Use Files," by B. Bye and S. J. Gallicchio, Social Security Administration

8903 - "Longitudinal vs. Retrospective Measures of Work Experience," P. Ryscavage and J. Coder, Census Bureau

8904 - "Analyzing the Characteristics of Blacks: A Comparison of Data from SIPP and CPS," R. Farley and L. J. Neidert, University of Michigan

8905 - "Enhanced Demographic-Economic Data Sets," R. Herriot, C. Bowie, D. Kasprzyk, and S. Haber, Census Bureau

8906 - "Reflections on the Income Estimates from the Initial Panel of The Survey of Income and Program Participation (SIPP)," D. Vaughan, Social Security Administration

8907 - "Measuring Spells of Unemployment and Their Outcomes," P. Ryscavage, Census Bureau

8908 - "Welfare Dependency and its Causes: Determinants of the Duration of Welfare Spells," P. Ruggles, The Urban Institute

8909 - "Measuring the Duration of Poverty Spells," P. Ruggles, The Urban Institute and R. Williams, Congressional Budget Office

8910 - "Methods of Processing Unit Data Longitudinally on the SIPP," K. Smith, Congressional Budget Office

8911 - "Composite Estimation for SIPP Annual Estimates," R. P. Chakrabarty, Census Bureau

8912 - "Research and Evaluation Conducted on the Survey of Income and Program Participation," R. Petroni, T. Carmody, and V. Huggins, Census Bureau

8913 - "A Poisson Model of Response and Procedural Error Analysis of SIPP Reinterview Data," D. Hill, University of Michigan

8914 - "The Economic Resources of the Edlerly," S. Crystal and D. Shea, Rutgers University

8915 - "Multivariate Analysis by Users of SIPP Micro-Data Files," R. P. Chakrabarty, Census Bureau

8916 - "A Resource-Based Model of Living Arrangements Among the Unmarried Elderly," J. E. Mutchler and J. A. Burr, University of Buffalo

8917 - "Measuring Household Change at The individual Level Using Data From SIPP," A. Speare, Jr. and R. Avery, Brown University

8918 - "The Effect of Child Care Costs on Married Women's Labor Force participation," R. Connelly, Bowdoin College

8919 - "Income and Assets of Social Security Beneficiaries by Type of Benefit," S. Grad, Social Security Administration

8920 - "Development and Evaluation of a Survey-Based Type of Benefit Classification for the Social Security Program," D. Vaughan, Social Security Administration

8921 - "Wave Seam Effects in the SIPP," N. Young, The Urban Institute

8922 - "Components of Longitudinal Household Change for 1984-1985: An Evaluation of National Estimates from the SIPP," by Donald J. Hernandez, Bureau of the Census

8923 - "Database Design for Large-Scale Complex Data," by Martin H. David and Alice Robbin, University of Wisconsin-Madison

8924 - "Measuring the Frequency and Consequences of Job Separations: Data from the Survey of Income and Program Participation," by John M. McNeil and Enrique J. Lamas, Bureau of the Census

8925 - "The Regular Receipt of Child Support: A Multi-step Process," by James L. Peterson and Christine Winquist Nord, Child Trends, Inc.

1988

8801 - "The Impact of the Unit of Analysis on Measures of Serial Multiple Program Participation," by P. Doyle and S. E. Long, Mathematica Policy Research, Inc.

8802 - "Short-Term Fluctuations in Income and Their Impacts on the Characteristics of the Low-Income Population: New Data From the Survey of Income and Program Participation," by P. Ruggles, Urban Institute

8803 - "Residential Mobility of One-Person Households," by J. Witte and H. Lahmann, German Institute for Economic Research

8804 - "Year-Apart Estimates of Household Net Worth From the Survey of Income and Program Participation," by John M. McNeil and Enrique J. Lamas, Bureau of the Census

8805 - "Measuring Poverty and Crises: A Comparison of Annual and Subannual Accounting Program Participation," by Martin David and John Fitzgerald, Institute for Research on Poverty

8806 - "Using Administrative Record Data to Evaluate the Quality of Survey Estimates," by Jeffrey C. Moore and Kent H. Marquis, Bureau of the Census

8807 - "The Wealth of the Aged and Nonaged, 1984," by Daniel B. Radner, HHS

8808 - "Examining the Dynamics of Health Insurance Loss: A Tale of Two Cohorts," by Alan C. Monheit and Claudia L. Schur, NCHSR

8809 - "The Dynamics of Medicaid Enrollment," by Pam Farley Short, Joel C. Cantor, and Alan C. Monheit, NCHSR

8810 - "The Discouraged Worker Effect: A Reappraisal Using Spell Duration Data," by Alberto Martini, University of Wisconsin-Madison

8811 - "Income as a Proxy for the Economic Status of the Elderly," by Deborah J. Chollet and Robert B. Friedland, Employee Benefit Research Institute

8812 - "The SIPP: Data from the Social Security Administration's 1987 Annual Statistical Supplement"

8813 - "Participation in Industrial Training Programs," by Sheldon Haber, George Washington University

8814 - "A Methodological Study Using Administrative Records: The Special Frames Study of the Income Survey Development Program," by W. J. Logan, Social Security Administration, D. Kasprzyk and R. Cavanaugh, Census Bureau

8815 - "The Effect of Income Taxation on Labor Supply When Deductions are Endogenous," by R. K. Thriest, Johns Hopkins University

8816 - "A Comparison of Gross Change in Labor Force Status From SIPP and CPS," by P. Ryscavage and A. Feldman-Harkins, Census Bureau

8817 - "How are the Elderly Housed? New Data from the 1984 Survey of Income and Program Participation," by A. Goldstein, Census Bureau

8818 - "Welfare Recipiency as Observed in the SIPP," by J. Coder, Census Bureau and P. Ruggles, The Urban Institute

8819 - "Reservation Wages and Subsequent Acceptance Wages of Unemployed Persons," by P. Ryscavage, Census Bureau

8820 - "Selected References From the Income Survey Development Program (ISDP) and Survey of Income and Program Participation (SIPP)"

8821 - "Training, Wage Growth, Firm Size," by S. Haber, The George Washington University and E. Lamas, Census Bureau

8822 - "Defining and Measuring Normetro Poverty: Results From The Survey of Income and Program Participation," by R. Hoppe, USDA-ERS-ARED

8823 - "Nonresponse Adjustment Methods For Demographic Surveys at the U.S. Bureau of the Census," by R. Singh and R. Petroni, Census Bureau

8824 - "Testing Telephone Interviewing in the Survey of Income and Program Participation and Some Early Results," by S. Durant and P. Gbur, Census Bureau

8825 - "Excluding Sample That Misses Some Interviews From SIPP Longitudinal Estimates," by L. Ernst and D. Gillman, Census Bureau

8826 - "The Employment of Mothers and the Prevention of Poverty," by M. Hill, University of Michigan and H. Hartmann, Rutgers University

8827 - "Using Administrative Record Data To Describe SIPP Response Errors," by J. Moore and K. Marquis, Census Bureau

8828 - "A Look at Welfare Dependency Using The 1984 SIPP Panel File," by J. Coder, D. Burkhead, and A. Feldman-Harkins, Census Bureau

8829 - "Census Bureau Microdata: Providing Useful Research Data While Protecting The Anonymity of Respondents ," by G. Gates, Census Bureau

8830 - "The Survey of Income and Program Participation: An Overview and Discussion of Research Issues," by D. Kasprzyk, Census Bureau

1987

8701 - "Tracking Persons Over Time," by A. C. Jean and E. K. McArthur, Census Bureau

8702 - "Preliminary Data From the SIPP 1983-84 Longitudinal Research File," by J. F. Coder, D. Burkhead. A. Feldman-Harkins, and J. McNeil, Census Bureau

8703 - "Work Experience Data From SIPP," by P. Ryscavage and A. Feldman-Harkins, Census Bureau

8704 - "The Treatment of Person -Wave Nonresponse in Longitudinal Surveys," by G. Kalton, J. Lepkowski, S. Heeringa, Ting-Kwong Lin, and M. E. Miller, Survey Research Center, University of Michigan

8705 - "SIPP: Filling Data Gaps on the Poverty and Social Welfare Fronts," by P. Ryscavage, Census Bureau

8706 - "Response Errors in Labor Surveys: Comparisons Self and Proxy," by D. Hill University of Michigan

8707 - "Differences Between SIPP and Food and Nutrition Service Program Data on Child Nutrition and WIC Program Participation, by L. Ku and R. Dalrymple, Food and Nutrition Service, U.S. Department of Agriculture

8708 - "Quality Profile for the Survey of Income and Program Participation," by K. King, R. Petroni, and R. Singh, Census Bureau

8709 - "Survey of Income and Program Participation SIPP Sample Loss and the Efforts to Reduce It," by D. Nelson, C. Bowie, and A. Walker, Census Bureau

8710 - "The Impact of Imputation Procedures on Distributional Characteristics of the Low Income Population," by P. Doyle, Mathematica Policy Research, Inc., and R. Dalrymple, Food and Nutrition Service, U. S. Department of Agriculture

8711 - "Job Tenure, Lifetime Work Interruptions and Wage Differentials," by J. McNeil, E. Lamas, Census Bureau, and S. Haber, George Washington University

8712 - "Measuring the Bias in Gross Flows in the Presence of Auto-Correlated Response Errors," by D. Hubble, Census Bureau, and D. Judkins, Westat, Inc.

8713 - "Investigation of Possible Causes of Transition Patterns from SIPP," by L. Weidman, Census Bureau

8714 - "Households and Income Sources: Monthly Averages for 1984," by J. Moorman, Census Bureau

8715 - "Creating SIPP Longitudinal Files Using OSIRIS IV," by M. Servais, University of Michigan

8716 - "Transition In and Out of Poverty: New Data From the Survey of Income and Program Participation," by P. Ruggles, Urban Institute and R. Williams, Congressional Budget Office

8717 - "On their own: The Self-employed and Others in Private Business," by S. Haber, George Washington University, E. Lamas Bureau of the Census, and J. Lichtenstein, U.S. Small Business Administration.

8718 - "Factors Associated With Household Net Worth," by E. Lamas and J. McNeil, Bureau of the Census

8719 - "Exploring Changes in Health Care Coverage Using the SIPP Longitudinal Research File," by D. Burkhead and A. Feldman, Bureau of the Census

8720 - "The Analysis of Geographical Mobility and Life Events with the SIPP," by D. Dahmann and E. McArthur, Bureau of the Census

8721 - "A Review of the Use of Administrative Records in the Survey of Income and Program Participation, by C. Bowie and D. Kasprzyk, Census Bureau

8722 - "Survey of Income and Program Participation Update," by D. Kasprzyk, Bureau of the Census

8723 - "Measuring Poverty with the SIPP and the CPS," by R. Williams, Congressional Budget Office

8724 - "The Statistical Invisible Minority Aged," by C. Taeuber, Bureau of the Census,and E. Attah, Atlanta University

8725 - "An Analysis of the SIPP Asset and Liability Feedback Experiment," by E. Lamas and J. McNeil, Bureau of the Census

1986

8601 - "Some Aspects of SIPP," compiled and edited by R. A. Herriot and D. Kasprzyk, Census Bureau

8602 - "Nonsampling Error Issues in the SIPP," by G. Kalton, University of Michigan, and D. B. McMillen and D. Kasprzyk, Census Bureau

8603 - "An Investigation of Model-Based Imputation Procedures Using Data From the Income Survey Development Program," by V. J. Huggins and L. Weidman, Census Bureau

8604 - "Food Stamp Participation: A Comparison of SIPP With Administrative Records," by S. Carlson and R. Dalrymple, Food and Nutrition Service

8605 - "SIPP Longitudinal Household Estimation for the Proposed Longitudinal Definition," by L. R. Ernst, Census Bureau

8606 - "A Comparison of Seven Imputation Procedures for the 1979 Panel of the Income Survey Development Program," by V. J. Huggins, Census Bureau

8607 - "An Investigation of the Imputation of Monthly Earnings for the Survey of Income and Program Participation Using Regression Models," by V. J. Huggins and L. Weidman, Census Bureau

8608 - "Evaluation of Training Materials and Methods for the Survey of Income and Program Participation," by M. Holt, Survey Research Consultant

8609 - "Patterns of Household Composition and Family Status change," by C. F. Citro, ASA/Census Research Fellow, and H. W. Watts, Department of Economics, Columbia University

8610 - "Composite Estimation for SIPP: A Preliminary Report," by R. P. Chakrabarty, Census Bureau

8611 - "Longitudinal Household Concepts in SIPP: Preliminary Results," by C. F. Citro, ASA/Census Research Fellow, D. J. Hernandez, and R. A. Herriot, Census Bureau

8612 - "Following Children in the Survey of Income and Program Participation," by E. K. McArthur, K. S. Short, and S. Bianchi, Census Bureau

8613 - "SIPP Labor Transitions: Problems and Promises," by P. Ryscavage and K. S. Short, Census Bureau

8614 - "Augmenting Data Reported in the Survey of Income and Program Participation With Administrative Record Data - A Brief Discussion," by D.K. Sater, Census Bureau

1985

8501 - "The Survey of Income and Program Participation: Uses and Application," by K.S. Short, Census Bureau

8502 - "Application of a Matched File Linking the Bureau of the Census Survey of Income and Program and Participation and Economic Data," by S. Haber, George Washington University

8503 - "Using the Survey of Income and Program Participation for Research on the Older Population," by D. B. McMillen, C. M. Taeuber, and J. Marks, Census Bureau

8504 - "Summary of the Content of the 1984 Panel of the Survey of Income and Program Participation," by D. T. Frankel, Census Bureau

8505 - "Enhancing Data From the Survey of Income and Program Participation With Data From Economic Censuses and Surveys," by D. K. Sater, Census Bureau

8506 - "Methodologies for Imputing Longitudinal Survey Items," by V. J. Huggins, L. Weidman, and M. E. Samuhel, Census Bureau

8507 - "New Household Survey and the CPS: A Look at Labor Force Differences," by P. M. Ryscavage, Census Bureau, and J. E. Bregger, Bureau of Labor Statistics

1984

8401 - (Update No. 1, Revised 12/85) "An Overview of the Survey of Income and Program Participation," by D. Nelson, D.B. McMillen, and D. Kasprzyk, Census Bureau

SIPP WORKING PAPERS
ORDER FORM

These papers are free of charge. To receive any of these papers, put a check by the appropriate number and mail this form to:

Data User Services Division
Customer Services
Bureau of the Census
Washington, DC 20233

If you request papers by phone, please contact Carmen Campbell on (301) 763-2005.

SIPP WORKING PAPERS

1984/1985

____ 8401
____ 8501
____ 8502
____ 8503
____ 8504
____ 8505
____ 8506
____ 8507

1986

____ 8601	____ 8608
____ 8602	____ 8609
____ 8603	____ 8610
____ 8604	____ 8611
____ 8605	____ 8612
____ 8606	____ 8613
____ 8607	____ 8614

1987

____ 8701	____ 8707	____ 8715	____ 8722
____ 8702	____ 8709	____ 8716	____ 8723
____ 8703	____ 8710	____ 8717	____ 8724
____ 8704	____ 8711	____ 8718	____ 8725
____ 8705	____ 8712	____ 8719	
____ 8706	____ 8713	____ 8720	
____ 8707	____ 8714	____ 8721	

1988

____ 8801	____ 8808	____ 8815	____ 8822	____ 8829
____ 8802	____ 8809	____ 8816	____ 8823	____ 8830
____ 8803	____ 8810	____ 8817	____ 8824	
____ 8804	____ 8811	____ 8818	____ 8825	
____ 8805	____ 8812	____ 8819	____ 8826	
____ 8806	____ 8813	____ 8820	____ 8827	
____ 8807	____ 8814	____ 8821	____ 8828	

1989

____ 8901	____ 8908	____ 8915	____ 8922
____ 8902	____ 8909	____ 8916	____ 8923
____ 8903	____ 8910	____ 8917	____ 8924
____ 8904	____ 8911	____ 8918	____ 8925
____ 8905	____ 8912	____ 8919	
____ 8906	____ 8913	____ 8920	
____ 8907	____ 8914	____ 8921	

1990

____ 9001	____ 9005
____ 9002	____ 9006
____ 9003	____ 9007
____ 9004	____ 9008

APPENDIX D

Machine-Readable Data Dictionary Layout

Data dictionary lines are 46 characters. The character on the first position determines the type of lines. Each variable may have the following lines:

1. COMMENTS (" * ") lines
2. DATA DICTIONARY (" D ") ; line and DATA DESCRIPTION
3. UNIVERSE (" U ") lines
4. VALUE DESCRIPTION lines
5. One blank line at the end

FORMAT

"*" LINE COMMENTS

a. " * " in the first position indicates that this is a comment line. This line can appear any place in the dictionary. It will be used for short comments or to nullify any value codes.

b. " ** " in the first two positions is also comments but it has additional meaning. It indicates this is a block of comments which will be applied to several variables. The first line of this block will ave the COMMENT NO. so that subsequent variable can refer back to this comment block.

"D" LINE DATA DICTIONARY

This line contains the following information:

ID	"D"	COL.	1- 1
NAME	Variable name	COL.	3-10
SIZE	Size of data field	COL.	14-15
BEGIN	Begin position of data field	COL.	19-22
TYPE	Character variable indicator "CHAR" or blanks if numeric variable	COL.	26-29
DEC	Implied decimal places	COL.	33-34
IND	TABLE variable indicator "TABLE" with "(aa)" for its dimension; otherwise blanks	COL.	38-46

Text describing the variable will follow this "D" line. Use COL. 6-46 and repeat as many lines as necessary.

"U" LINE UNIVERSE DEFINITION

This line contains the universe definition. Use COL. 3-46 and repeat as many lines as necessary.

ID	" U "	COL.	1- 1
DESCRIPTION	Universe description	COL.	3-46

(For continuation use COL. 3-46 and repeat as many lines as necessary.)

"V" LINE VALUE DEFINITION

ID	" V "	COL.	1- 1
VALUE	Value code-right justified	COL.	3-12
.	" . "	COL.	14
DESCRIPTION	Value description	COL.	15-46

(Repeat COL. 14-46 format for continued value description.)

APPENDIX E

User Notes

This section is reserved for any information relevant to the SIPP 1990 Panel, Wave 6 Topical Module 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 (1) purchased their file (or technical documentation) from the Census Bureau and (2) returned the coupon following the title page.

UNITED STATES DEPARTMENT OF COMMERCE
Bureau of the Census
Washington, DC 20233-0001

SURVEY OF INCOME AND PROGRAM PARTICIPATION (SIPP) 1990 WAVE 6 TOPICAL MODULE MICRODATA FILE

USER NOTE NO. 1

Subject: Record Count Correction on Abstract

Attached is a revised version of the abstract for this file which indicates the correct record count. Please replace pages 1-1 and 1-2 of the technical documentation with these pages.

Attachment

April 1993

ABSTRACT

Survey of Income and Program Participation (SIPP) 1990 Panel, Wave 6 Topical Module Microdata File [machine-readable data file] / conducted by the U.S. Bureau of the Census. –Washington: The Bureau [producer and distributor], 1993.

Type of File:

Microdata; unit of observation is an individual.

Universe Description:

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

Subject-Matter Description:

The file contains data primarily from the topical module portion of the questionnaire. However, for purposes of matching persons to the core file, which was released separately, the beginning of the file contains identifying information as well as some basic demographic and social characteristics that are also contained in the core file. The identifying information includes sample unit, household address, and entry address identification. Demographic and social characteristics include age, sex, race (White; Black; American Indian, Eskimo, and Aleut; Asian or Pacific Islander; and Other), ethnic origin (23 categories including 7 Spanish origin categories), marital status, and education. Data in this topical module file include time spent outside the work force, child care, child support agreements, support for nonhousehold members, functional limitations and disability, and utilization of health care services.

The sample consists of 4 rotation groups, each interviewed in a different month from October 1991 to January 1992. 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 7 interviews or "waves." This file contains the results of the sixth 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 41 individual States and the District of Columbia, **although the sample was not designed to produce State estimates**. Areas in the SIPP sample in nine other States are identified in three groups for confidentialilty reasons. The file identifies a subsample of metropolitan residents, along with codes for selected metropolitan statistical areas (MSA's) and consolidated metropolitan statistical areas (CMSA'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.

File Size: 58,039 logical records; 860 character logical record length.

File Sort Sequence of Sample Units: Sampling unit identification number by entry address ID and person number within sampling unit.

Reference Materials:

Survey of Income and Program Participation (SIPP) 1990 Panel, Wave 6 Topical Module Microdata File Technical Documentation.. The documentation includes this abstract, the data dictionary, an index to the data dictionary, relevant code lists, a questionnaire facsimile, and general information relative to SIPP. One copy of the technical documentation accompanies each file order but also may be purchased separately for $25 from Data User Services Division, Customer Services, Bureau of the Census,Washington, D.C. 20233.

Interviewers' Manual (1985). Survey of Income and Program Participation. U.S. Department of Commerce, Bureau of the Census. The manual is available for $10 from Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233.

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. A single copy accompanies each technical documentation or tape order. Additional copies are available for $15 each from Customer Services, Data User Services Division, Bureau of the Census, Washington, D.C. 20233.

Related Printed Reports:

Related printed reports include working papers, compilations of papers presented at annual meetings of the American Statistical Association, articles appearing in the *Journal of Economic and Social Measurement*, and reports in the P-70 series of the Current Population Reports. See the *Users' Guide* that accompanies the documentation for ordering information.

Related Machine-Readable Data Files:

SIPP files from all Waves of the 1984 through 1988 Panels as well as Waves 1 through 7 (core only for Wave 7) of the 1990 Panel and 1991 Waves 1 through 4 (core only except Wave 2).

File Availability:

The price of this file is $175, at either 6250 or 1600 bpi; ASCII or EBCDIC, labeled or unlabeled. The files are also available on tape cartridges (IBM 3480 compatible) for the same price. A machine-readable dictionary is contained at the end of the file. This dictionary is also available separately on one tape reel for $175. When ordering, please use the order form on the following page.

SURVEY OF INCOME AND PROGRAM PARTICIPATION (SIPP)

1990 PANEL

WAVE 7 TOPICAL MODULE MICRODATA FILE

Technical Documentation

Washington, D.C.

1993

U.S. DEPARTMENT OF COMMERCE

Ronald H. Brown, Secretary

John Rollwagen, Deputy Secretary

Economic and Statistics Administration
Jeffrey L. Mayer, Acting Under Secretary
for Economic Affairs

Bureau Of The Census
Dr. Harry A. Scarr, Acting Director

BUREAU OF THE CENSUS

Dr. Harry A. Scarr, Acting Director

DATA USER SERVICES DIVISION

Marshall L. Turner, Jr., Chief
Marie G. Argana, Assistant Chief
for User Services

ACKNOWLEDGMENTS

This technical documentation was prepared within the Data Access and Use Branch, under the direction of Deborah Barrett, Chief, and Patricia Fuellhart, Chief of its Technical Information Section. Genny Burns was coordinator for this file. Clerical support was provided by Virginia Collins and Barbara Shugart. Fuad Foty of the Demographic Surveys Division provided the unformated data dictionary file.

* *

The **file** should be cited as follows:

> *Survey of Income and Program Participation (SIPP) 1990 Panel, Wave 7 Topical Module Microdata File* [machine-readable data file] / prepared by the Bureau of the Census. –Washington: The Bureau [producer and distributor], 1993.

The **technical documentation** should be cited as follows:

> *Survey of Income and Program Participation (SIPP) 1990 Panel, Wave 7 Topical Module Microdata File Technical Documentation* / prepared by the Data User Services Division, Bureau of the Census. –Washington: The Bureau, 1993.

* *

For additional information concerning the **file**, contact Data User Services Division, Customer Services (Order Desk), Bureau of the Census, Washington, D.C. 20233. Phone: (301) 763-4100.

For additional information concerning the **technical documentation**, contact Data User Services Division, Data Access and Use Staff, Bureau of the Census, Washington, D.C. 20233. Phone: (301) 763-2074.

For additional information concerning the **questionnaire content**, contact Enrique Lamas (763-8578) in Housing and Household Economics Statistics Division, Bureau of the Census, Washington, D.C. 20233.

UPDATE INFORMATION

Additional information concerning this file may be available at a later date. If you have purchased this technical documentation (with or without tape purchase) from the Census Bureau and wish to receive these User Notes, please complete the coupon below and return it to:

Data User Services Division
Data Access and Use Branch
Bureau of the Census
Washington, D.C. 20233

* *

Name of File: **Survey of Income and Program Participation (SIPP) 1990 Wave 7 Microdata File** (Topical Module)

Please send me any information that becomes available later concerning the file listed.

Name:

Address:

Phone:

TABLE OF CONTENTS

SURVEY OF INCOME AND PROGRAM PARTICIPATION (SIPP)
1990 PANEL
WAVE 7 TOPICAL MODULE MICRODATA FILE

ABSTRACT

Survey of Income and Program Participation (SIPP) 1990 Panel, Wave 7 Topical Module Microdata File [machine-readable data file] / conducted by the U.S. Bureau of the Census. –Washington: The Bureau [producer and distributor], 1993.

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 data primarily from the topical module portion of the questionnaire. However, for purposes of matching persons to the core file, which was released separately, the beginning of the file contains identifying information as well as some basic demographic and social characteristics that are also contained in the core file. The identifying information includes sample unit, household address, and entry address identification. Demographic and social characteristics include age, sex, race (White; Black; American Indian, Eskimo, and Aleut; Asian or Pacific Islander; and Other), ethnic origin (23 categories including 7 Spanish origin categories), marital status, and education. Data in this topical module file include selected financial assets, medical expenses and work disability, and real estate, shelter costs, dependent care, and vehicles.

The sample consists of 4 rotation groups, each interviewed in a different month from February 1992 to May 1992. 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 7 interviews or "waves." This file contains the results of the seventh 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 41 individual States and the District of Columbia, **although the sample was not designed to produce State estimates**. Areas in the SIPP sample in nine 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) and consolidated metropolitan statistical areas (CMSA'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.

File Size: 57,054 logical records; 592 character logical record length.

File Sort Sequence of Sample Units: Sampling unit identification number by entry address ID and person number within sampling unit.

Reference Materials:

Survey of Income and Program Participation (SIPP) 1990 Panel, Wave 7 Topical Module Microdata File Technical Documentation. The documentation includes this abstract, the data dictionary, an index to the data dictionary, relevant code lists, a questionnaire facsimile, and general information relative to SIPP. One copy of the technical documentation accompanies each file order but also may be purchased separately for $25 from Data User Services Division, Customer Services, Bureau of the Census,Washington, D.C. 20233.

Interviewers' Manual (1985). Survey of Income and Program Participation. U.S. Department of Commerce, Bureau of the Census. The manual is available for $10 from Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233.

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. A single copy accompanies each technical documentation or tape order. Additional copies are available for $15 each from Customer Services, Data User Services Division, Bureau of the Census, Washington, D.C. 20233.

Related Printed Reports:

Related printed reports include working papers, compilations of papers presented at annual meetings of the American Statistical Association, articles appearing in the *Journal of Economic and Social Measurement*, and reports in the P-70 series of the Current Population Reports. See the *Users' Guide* that accompanies the documentation for ordering information.

Related Machine-Readable Data Files:

SIPP files from all Waves of the 1984 through 1988 Panels as well as Waves 1 and 2 of the 1989 Panel, all waves of the 1990 Panel, and 1991 Waves 1 through 4.

File Availability:

The price of this file is $175, at 6250 bpi; ASCII or EBCDIC, labeled or unlabeled. The files are also available on tape cartridges (IBM 3480 compatible) for the same price. A machine-readable dictionary is contained at the end of the file. This dictionary is also available separately on one tape reel for $175. When ordering, please use the order form on the following page.

Census Bureau Order Forms

*0003

PUBLICATIONS — *Use only if not in stock at the Government Printing Office (GPO).*

Please Type or Print. (Form is aligned for typewriter use.) Prices include regular domestic postage and handling. International customers please add 25%.

Qty.	Series number	Title	Price each	Total price
			Total for publications	

(Company or personal name) (Please type or print)

(Additional address/attention line)

(Street address)

(City, State, ZIP Code)

( )
(Daytime phone including area code) (Date)

Please Choose Method of Payment:

☐ Check payable to Superintendent of Documents

Mail To: Bureau of the Census, DPD—Publications Unit, 1201 E. Tenth St., Jeffersonville, IN 47132

☐ GPO deposit account ☐☐☐☐☐☐☐–☐

Mail To: Customer Services, Bureau of the Census, Washington, DC 20233-8300 [or call 301-763-4100; fax 301-763-4794]

*0004

ELECTRONIC MEDIA, MICROFICHE, DOCUMENTATION, AND OTHER – *Use for computer tape (TAPE), computer tape cartridge (CART), technical documentation (TD), compact disc—read-only memory (CD-ROM), diskette (DISK), microfiche (FICHE), or paper reproductions — "blowbacks" (BB).*

Charge your order. It's easy!

To fax your orders 301-763-4794

Please Type or Print. (Form is aligned for typewriter use.) All prices include regular domestic postage and handling. International customers, please add 25%.

Qty.	Media (See abbrev. above)	Title	Price each	Total price
			Total for products listed (minimum order: $10)	

COMPUTER TAPE INSTRUCTIONS

Characteristics of 9-Track Tape Reels:

☐ 6250 bpi, EBCDIC ☐ 1600 bpi, EBCDIC

☐ 6250 bpi, ASCII ☐ 1600 bpi, ASCII

Labeling: ☐ Standard ☐ Unlabeled

Maximum block size (if less than 32K bytes)? ________

Characteristics of IBM 3480-Compatible Tape Cartridges:

Language: ☐ EBCDIC ☐ ASCII

Labeling: ☐ Standard ☐ Unlabeled

Maximum block size (if less than 32K bytes)? ________

(Company or personal name) (Please type or print)

(Additional address/attention line)

(Street address)

(City, State, ZIP Code)

( )
(Daytime phone including area code) (Date)

Please Choose Method of Payment:

☐ Check payable to Commerce—Census

☐ Census deposit account 9☐☐☐

☐ VISA or MasterCard Account

☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐

(Name on card) Expiration date

(Signature)

Mail to: Customer Services, Bureau of the Census, Washington, DC 20233-8300; 301-763-4100.
To fax your orders and inquiries—301-763-4794

POP 780 6/92
Supersedes POP 750

FILE INFORMATION

Matching Topical Module File with Core File

Since the core and topical module data are released as separate files it may be necessary to match the two files. The two files contain the following information for linking purposes.

Variable	Brief Description
ID	Sample Unit ID (scrambled)
ADDID	Household address ID
ITEM36B	Interview status code
INTVW	Person's interview status
PP-MIS*	Person's monthly interview status
ENTRY	Edited entry address ID
PNUM	Edited person number
FINALWGT	Weighting factor
RRP	Edited relationship to reference person
AGE	Edited and imputed age as of last birthday
SEX	Sex of person
PNSP	Person number of spouse
PNPT	Person number of parent
HIGRADE	Highest grade of year of school attended
GRD-COMPL	Highest grade completed
ETHNICTY	Ethnic origin

In order to confirm that the appropriate number of matches occur when merging data from core and topical module files, fields PP-MIS(1) through PP-MIS(4) for the four reference months and PP-MIS(5) for the interview month have been added. PP-MIS defines the monthly person interview status with 1 signifying an interview and 2 signifying a noninterview. Matching topical module records to month four on the person-month file should result in a match of all topical module records where PP-MIS(4) is equal to one. Although any reference month can be used for matching, month four is used because it is the closest month to the interview month available on the person-month files.

Geographic Coverage

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

Identification Number System

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

The various components of the identification scheme are listed below:

Sample Unit Identification Number
Address ID
Entry Address ID
Person Number

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

The two-digit address ID code identifies each household associated with the same sample unit identification number. The first digit of the address ID code indicates the wave in which that address was first assigned for interview. The second digit sequentially numbers multiple households that have the same serial number. The address ID code is 11 for all sample addresses that are the same as 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 $100,000 are revealed. While the data dictionary indicates a topcode of $33,332 for monthly income, this topcode will rarely be used. In most cases the monthly income is shown as an individual dollar amount of $8,333, with $8,333 actually representing "$8,333 or more." (the $100,000 annual income topcode is $8,333 multiplied by 12 months). Individual monthly amounts above $8333 may occasionally be shown if the respondent's income varied considerably from month to month, as long as the average does not exceed $8,333. 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 $33,332 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 $100,000, 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 $8,333, 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. The major sources of means-tested cash and noncash assistance are shown in Appendix B-2.

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.

Cash income includes all income received from any of the sources listed in Appendix B-1. Rebates, refunds, loans, and capital gain or loss amounts from the sale of assets, and interhousehold transfers of cash such as allowances are not included. Accrued interest on Individual Retirement Accounts, KEOUGH retirement plans. and U.S. Savings bonds are also excluded. This definition differs somewhat from that used in the annual income reports based on the March CPS Income supplement questionnaire. These data, published in the Consumer Income Series, P-6O, are based only on income received in a regular or periodic manner and, therefore, exclude lump-sum or one-time payments such as inheritances and insurance settlements. The March CPS income definition, however, does exclude the same income sources excluded by SIPP.

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

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

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

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

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

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

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

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

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

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

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

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 1990 WAVE 7 TOPICAL MODULE

ALPHABETICAL VARIABLE LISTING TO 1990 WAVE 7 TOPICAL MODULE

Mnemonic	Item	Position
ADDID	Address Identification	20
AGE	Age As Of Last Birthday - Edited And Imputed	48
CAL8532:8786	Calculated Values For Part C - Real Estate, Shelter Costs, etc.	568
CALCAR1	Car Value - Calculated for Vehicle 1	583
CALCAR2	Car Value - Calculated for Vehicle 2	584
CALCAR3	Car Value - Calculated for Vehicle 3	585
ENTRY	Address Identification - Edited Entry	30
ETHNICTY	Ethnic Origin	63
FINALWGT	Weight, Second Stage Factor	35
GRD-CMPL	Grade Attended Was Completed, Highest	62
HIGRADE	Grade Or Year Of School Attended, Highest	60
ID	Identifier, Sample Unit	6
IMP8034:8034	Stocks and Mutual Funds Imputation Flags	189
IMP8052:8122	Rental Income Imputation Flags	192
IMP8132	Mortgages, Royalties, and Other Financial Investment Imputation Flag	183
IMP8204:8312	Selected Financial Assets Imputation Flags	270
IMP8400:8428	Medical Expenses and Work Disability Imputation Flags	310
IMP8538:8798	Real Estate, Shelter Costs, Dependent Care, and Vehicles Imputation Flags	537
INTVW	Interview Status, Person's	24
ITEM36B	Interview Status Code	22
MS	Marital Status	53
PINX	Index From Core, Person	18
PNPT	Person Number Of Parent	57
PNSP	Person Number Of Spouse	54
PNUM	Person Number, Edited	32
PP-MIS1:5	Persons's Monthly Interview Status	25
RACE	Race - Edited And Imputed	52
ROTATION	Rotation Group	15
RRP	Relationship To Reference Person, Edited	47
SC4314	Assets, Best Estimate of Joint	69
SC4322	Assets, Best Estimate of Individual	77
SC4414	Assets, Best Estimate of Other Joint	85
SC4422	Assets, Best Estimate of Other Individual	93
SEX	Sex - Edited And Imputed	51
STATE	State Code, FIPS	16
SUSEQNUM	Sequence Number Of Sample Unit	1
TM8032	Check Item A15 - Interview Status Of Spouse	101
TM8034	Market Value of Joint Stocks	102
TM8036	Stocks or Mutual Fund Shares, Callback to Obtain Amount of Joint	108
TM8042	Stocks or Mutual Fund Shares, Other	109
TM8044	Market Value of Stocks in Own Name	110
TM8046	Stocks or Mutual Fund Shares, Callback to Obtain Amount of Individual	116
TM8052	Rental Property Owned Jointly With Spouse	117
TM8054	Properties Owned Jointly With Spouse, Number of	119
TM8056	Properties Attached to or Located on Same Land as Residence, Joint	121
TM8068	Market Value Total of All Joint Properties	122
TM8070	Market Value Total of All Joint Properties - Callback	128
TM8072	Mortgage or Other Debt on Joint Properties	129
TM8074	Principal Owed on Joint Properties	131
TM8076	Rental Property in Own Name	137
TM8078	Properties in Own Name, Number of	139
TM8080	Properties Attached to or Located on Same Land as Residence, Own Name	141
TM8092	Market Value Total of All Properties in Own Name	142
TM8094	Market Value Total of All Properties in Own Name - Callback	148
TM8096	Mortgage, Deed of Trust. or Other Debt on Property in Own Name	149

Mnemonic	Item	Position
TM8098	Principal Owed on Property in Own Name	151
TM8100	Rental Property Owned Jointly With Other Than Spouse	157
TM8102	Properties Owned With Other Than Spouse, Number of	159
TM8116	Market Value Total of Property Owned With Others	161
TM8118	Mortgage, Deed of Trust, or Other Debt on Property Owned With Others	167
TM8120	Principal Owed on Property Owned With Others	169
TM8122	Equity in Property Owned With Others	175
TM8124	Equity in Property Owned With Other- Callback	181
TM8130	Check Item A21 - ISS Code 150	182
TM8132	Equity in Other Financial Investments	183
TM8204	Savings Bonds, Ownership of	213
TM8206	Savings Bonds, Face Value of	214
TM8208	Check Item T1 - Interview Status Of Spouse	220
TM8209	Checking Accounts, Joint Non-Interest	221
TM8210	Checking Accounts, Estimate of Amount in Joint	223
TM8232	Checking Accounts, Own Non-Interest	229
TM8233	Checking Accounts, Amount of Own No Interest	231
TM8258	Age of Respondent	237
TM8260	IRA Account in Own Name	238
TM8262	IRA, Number of Years Contributed to	240
TM8264	IRA, Market Value of	242
TM8266	IRA, Market Value of - Callback	248
TM8284	Keogh Account in Own Name	249
TM8286	Keogh Account, Years Contributed to	251
TM8288	Keogh Account, Market Value of	253
TM8290	Keogh Account, Market Value of - Callback	259
TM8308	Life Insurance Coverage	260
TM8310	Life Insurance Coverage, Current Face Value of All	262
TM8312	Life Insurance Type - Term or Whole Life	268
TM8400	Medical Expenses Paid - Doctor Bills	285
TM8402	Medical Expenses Paid - Dentist Bills	287
TM8404	Medical Expenses Paid - Hospital Bills	289
TM8406	Medical Expenses Paid - Prescription Medicine	291
TM8408	Medical Expenses Paid - Type of	293
TM8410	Medical Expenses Total Paid in Last Month	294
TM8412	Age of Respondent	300
TM8414	Retirement Plan, Percent Paid to Second Job	301
TM8416	Disabled Marked on Control Card	302
TM8418	Health Condition Limits Kind or Amount of Work	303
TM8420	Health Condition Limits Kind or Amount of Work, Existence of	304
TM8422	Check Item T7 - Worked Marked on ISS	305
TM8424	Health or Condition Prevents From Working at a Job or Business	306
TM8426	Health or Condition Prevented Working Past 12 Months or Longer	307
TM8428	Health or Condition Allows Work at Some Time in Next 12 Months	308
TM8526	Reference Person's Questionnaire	321
TM8530	Check Item T9 - Tenure	322
TM8532	Person Number of Household Owner Number 1	323
TM8534	Person Number of Household Owner Number 2	326
TM8536	Person Number of Household Owner Number 3	329
TM8538	Rent/Mortgage Payment Last Month, Amount of Household's	332
TM8540	Utilities Paid Last Month, Amount of	338
TM8542	Check Item T10 - Composition of Household	344
TM8544	Utilities Paid Last Month - More Than One Person Paid	345
TM8546	Utilities Paid Last Month - Person Number of Single Payer	346
TM8548	Utilities Paid Last Month - Person Number of First Payer	349

Mnemonic	Item	Position
TM8550	Utilities Paid Last Month - Person Number of Second Payer	358
TM8552	Utilities Paid Last Month - Person Number of Third Payer	367
TM8554	Utilities Paid Last Month - Amount Paid by First Payer	352
TM8556	Utilities Paid Last Month - Amount Paid by Second Payer	361
TM8558	Utilities Paid Last Month - Amount Paid by Third Payer	370
TM8560	Check Item T11 - Number of Persons in Household	376
TM8562	Child or Disabled Person Care Paid Last Month	377
TM8564	Child or Disabled Person Care - Amount Paid Last Month	378
TM8658	Check Item T12 - Public or Subsidized Residence	384
TM8660	Real Estate, Other	385
TM8662	Owner of Property, First	387
TM8664	Owner of Property, Second	390
TM8666	Value of Equity in Property, Total	393
TM8714	Motor Vehicle, Ownership of	399
TM8716	Motor Vehicles, Number of	400
TM8718	Person Number of First Vehicle Owner, First	402
TM8720	Person No. of Second Vehicle Owner, First	426
TM8722	Person Number of Third Vehicle Owner, First	450
TM8724	Person Number of First Vehicle Owner, Second	405
TM8726	Person No. of Second Vehicle Owner, Second	429
TM8728	Person Number of Third Vehicle Owner, Second	453
TM8730	Year of First Vehicle	408
TM8732	Year of Second Vehicle	432
TM8734	Year of Third Vehicle	456
TM8754	Motor Vehicle, Existence of Debt on	416
TM8756	Motor Vehicle, Existence of Debt on Second	440
TM8758	Motor Vehicle, Existence of Debt on Third	464
TM8760	Motor Vehicle, Amount of Debt on First	418
TM8761	Motor Vehicle, Amount of Debt on Second	442
TM8762	Motor Vehicle, Amount of Debt on Third	466
TM8763	Motor Vehicle Primary Use - First	424
TM8764	Motor Vehicle Primary Use - Second	448
TM8765	Motor Vehicle Primary Use - Third	472
TM8766	Check Item T13 - Motor Vehicle, Existence of Second	425
TM8768	Motor Vehicle, Existence of Third	449
TM8770	Motorcycle, Ownership of	473
TM8772	Boat, Ownership of	474
TM8774	Recreational Vehicle, Ownership of	475
TM8776	Motor Vehicle, Ownership of Other	476
TM8778	Motor Vehicle, Ownership of No Other	477
TM8780	Person Number of First Other Vehicle Owner, First	478
TM8782	Person Number Second Other Vehicle Owner, First	499
TM8784	Person Number of First Other Vehnicle Owner, Second	481
TM8786	Person Number Second Other Vehicle Owner, Second	502
TM8788	Value of First Vehicle	484
TM8790	Value of Second Vehicle	505
TM8792	Motor Vehicle, Existence of Debt on First	490
TM8794	Motor Vehicle, Existence of Debt on Second	511
TM8796	Motor Vehicle, Amount of Debt on First	492
TM8798	Motor Vehicle, Amount Owed on Second	513
TM8800	Check Item T18 - Motor Vehicles, Existence of Other	498
TMCARVA1	Car Value - Vehicle 1	519
TMCARVA2	Car Value - Vehicle 2	525
TMCARVA3	Car Value - Vehicle 3	531
WAVE	Wave Number Associated With Interview Status - Control Card Item 36A	65

HOW TO USE THE DATA DICTIONARY

The Data Dictionary describes the contents and record layout of the public-use computer tape file. The first line of each data item description gives the data name, size of the data field, and the begin position of the field.

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. Comments should be removed from the machine-readable version of the data dictionary before using it to help access the data file.

Data. Alphabetic, numeric, and the special character (-). No other special characters are used. It may be a mnemonic such as "STATE" or "SE1-OCC", or a sequential identifier such as "SC1176" or "WS-IMP01". Data item names are unique throughout the entire file.

Size. Numeric. The size of a data item is given in characters. Indication of implied decimal places is provided in notes.

Begin. Numeric. Contains the location in the data record of the first character position of the data item field.

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, relative begin and begin position of each data item. This information (in machine-readable form) can be used to help access the data file. 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 SC1218     1  2805
   What was the main reason ... could
   not take a job during those weeks
U Persons 15 years old or older
V       0 .Not in universe
V       1 .Already had a job
V       2 .Temporary illness
V       3 .School
V       4 .Other

D RR3064     2  3760
   Railroad retirement sends out two types
   of checks; which color check does ...
   receive.
U Persons age 15 years or older receiving
  railroad retirement
V      -1 .DK
V      00 .Not in universe
V      01 .Blue
V      02 .Buff
V      03 .Direct deposit
V      04 .Other
```

SIPP 1990 WAVE 7 TOPICAL MODULE DATA DICTIONARY

```
DATA          SIZE  BEGIN

D SUSEQNUM     5      1
     Sequence number of sample unit
     Primary sort key

D ID           9      6
     Sample unit identifier
     This identifier is created by scrambling
     together the PSU, segment and serial of
     the original sample address.  It may be
     used in matching sample units from
     different waves

D ROTATION     1     15
     Rotation

D STATE        2     16
     FIPS state code from the MST/GRIN File
V          01 .Alabama
V          04 .Arizona
V          05 .Arkansas
V          06 .California
V          08 .Colorado
V          09 .Connecticut
V          10 .Delaware
V          11 .District Of Columbia
V          12 .Florida
V          13 .Georgia
V          15 .Hawaii
V          17 .Illinois
V          18 .Indiana
V          20 .Kansas
V          21 .Kentucky
V          22 .Louisiana
V          24 .Maryland
V          25 .Massachusetts
V          26 .Michigan
V          27 .Minnesota
V          28 .Mississippi
V          29 .Missouri
V          31 .Nebraska
V          32 .Nevada
V          33 .New Hampshire
V          34 .New Jersey
V          35 .New Mexico
V          36 .New York
V          37 .North Carolina
V          39 .Ohio
V          40 .Oklahoma
V          41 .Oregon
V          42 .Pennsylvania
V          44 .Rhode Island
V          45 .South Carolina
V          47 .Tennessee
V          48 .Texas
V          49 .Utah
V          51 .Virginia
V          53 .Washington
V          54 .West Virginia
V          55 .Wisconsin
V          61 .Maine,Vermont
V          62 .Iowa,North Dakota,South Dakota
V          63 .Alaska,Idaho,Montana,Wyoming

D PINX         2     18
     Person index from core

DATA          SIZE  BEGIN

D ADDID        2     20
     Address ID. - This field differentiates
     households within the same PSU, segment
     and serial, that is, households which
     originate out of an original sample
     household
U All households

D ITEM36B      2     22
     Control card item 36B - Interview status
     code
U All households
V          01 .Interviewed
     Type A Noninterview
V          02 .No one home
V          03 .Temporarily absent
V          04 .Refused
V          05 .Unable to locate
V          06 .Other type A
     Type B Noninterview (Wave 1)
V          09 .Vacant
V          10 .Occupied by persons with URE
V          11 .Unfit or to be demolished
V          12 .Under construction, not ready
V          13 .Converted to temporary business
V             .or storage
V          14 .Unoccupied site for mobile
V             .home, trailer, or tent
V          15 .Permit granted, construction
V             .not started
V          .16 Other Type B
     Type B Noninterview (Wave 2+)
V          16 .Entire HH institutionalized
V             .or temporarily ineligible
     Type C Noninterview (Wave 1)
V          17 .Demolished
V          18 .House or trailer moved
V          19 .Converted to permanent
V             .business or storage
V          20 .Merged
V          21 .Condemned
V          22 .Other Type C
     Type C Noninterview (Wave 2+)
V          22 .Deleted (sample adjustment,
V             .error)
V          23 .Entire household deceased,
V             .moved out of country, or living
V             .in Armed Forces barracks
     Type D Noninterview (Wave 2+)
V          24 .Moved, address unknown
V          25 .Moved within country beyond
V             .limit
V          26 .All sample persons relisted on
V             .new control card(s)

D INTVW        1     24
     Person's interview status
U All persons, including children
V           0 .Not applicable (children
V             .under 15)
V           1 .Interview (self)
V           2 .Interview (proxy)
V           3 .Noninterview - type Z refusal
V           4 .Noninterview - type Z other
```

```
DATA         SIZE  BEGIN

D PP-MIS1     1      25
     Monthly person's interview status
U All persons, including children
V          1 .Interview
V          2 .Non-interview

D PP-MIS2     1      26
     Monthly person's interview status
U All persons, including children
V          1 .Interview
V          2 .Non-interview

D PP-MIS3     1      27
     Monthly person's interview status
U All persons, including children
V          1 .Interview
V          2 .Non-interview

D PP-MIS4     1      28
     Monthly person's interview status
U All persons, including children
V          1 .Interview
V          2 .Non-interview

D PP-MIS5     1      29
     Monthly person's interview status
U All persons, including children
V          1 .Interview
V          2 .Non-interview

D ENTRY       2      30
     Edited entry address ID
     Address of the household that this
     person belonged to at the time this
     person first became part of the sample
U All persons, including children

D PNUM        3      32
     Edited person number
U All persons, including children

D FINALWGT   12      35
     'STAGE1WT' * second stage factor
U All persons, including children

D RRP         1      47
     Edited relationship to reference person
U All persons, including children
V          0 .Not a sample person in this
V            .month
V          1 .Household reference person,
V            .living with relatives
V          2 .Household reference person
V            .living alone or with only
V            .non-relatives (primary
V            .individual)
V          3 .Spouse of household reference
V            .person
V          4 .Child of household reference
V            .person
V          5 .Other relative of household
V            .reference person
V          6 .Non-relative of household
V            .reference person but related to
V            .others in the household-member
V            .of an unrelated sub (secondary)
V            .family
V          7 .Non-relative of household
V            .reference person and not
V            .related to anyone else in the
V            .household (secondary individual)

DATA         SIZE  BEGIN

D AGE         3      48
     Edited and imputed age as of last
     birthday
U All persons, including children
V        000 .Less than 1 full year
V        001 .1 year
V            .etc.

D SEX         1      51
     Sex of this person
     Edited and imputed
U All persons, including children
V          1 .Male
V          2 .Female

D RACE        1      52
     Race of this person
     Edited and imputed
U All persons, including children
V          1 .White
V          2 .Black
V          3 .American Indian, Eskimo or
V            .Aleut
V          4 .Asian or Pacific Islander

D MS          1      53
     Marital status
     If a person's marital status changed
     during any month, the marital status
     shown is the status maintained for the
     greatest part of the month - edited
     and imputed
U Persons 15 years old or older
V          0 .Not a sample person in this
V            .month
V          1 .Married, spouse present
V          2 .Married, spouse absent
V          3 .Widowed
V          4 .Divorced
V          5 .Separated
V          6 .Never married

D PNSP        3      54
     Person number of spouse
U Persons 15 years old or older
V        000 .Not a sample person in this
V            .month
V        999 .Not applicable

D PNPT        3      57
     Person number of parent
U Persons 15 years old or older
V        000 .Not a sample person in this
V            .month
V        999 .Not applicable

D HIGRADE     2      60
     What is the highest grade or year of
     regular school this person attended?
U Persons 15 years old or older
V         00 .Not applicable if under 15,
V            .did not attend or attended
V            .only kindergarten
V      01-08 .Elementary
V      09-12 .High school
V      21-26 .College

D GRD-CMPL    1      62
     Did he/she complete that grade
U Persons 15 years old or older
V          0 .Not applicable
V          1 .Yes
V          2 .No
```

```
DATA        SIZE  BEGIN

D ETHNICTY    2     63
     Ethnic origin
U All persons, including children
V          01 .German
V          02 .English
V          03 .Irish
V          04 .French
V          05 .Italian
V          06 .Scottish
V          07 .Polish
V          08 .Dutch
V          09 .Swedish
V          10 .Norwegian
V          11 .Russian
V          12 .Ukrainian
V          13 .Welsh
V          14 .Mexican-American
V          15 .Chicano
V          16 .Mexican
V          17 .Puerto Rican
V          18 .Cuban
V          19 .Central or South American
V             .(Spanish speaking)
V          20 .Other Spanish
V          21 .Afro-American (Black or Negro)
V          30 .Another group not listed
V          39 .Don't know

D WAVE        1     65
     Control card item 36A - wave number
     associated with the interview status
U All persons

D FILLER      3     66
     Blank filler

D SC4314      8     69
     What is your best estimate of the
     average amount that ... and ...'s
     (husband/wife) had in these jointly
     held assets during the 4-month
     period ?
U Persons owning savings accounts, money
  market, certificates of deposit, and
  interest-earning checking accounts with
  spouse during the four month period
V   -0000003 .None
V   00000000 .Not in universe
V 1-00090000 .Total amount

D SC4322      8     77
     What is your best estimate of the
     average amount that ... had in
     ...'s assets during the 4-month
     period ?
U Persons owning savings accounts, money
  market, certificates of deposit, and
  interest-earning checking accounts with
  spouse during the four month period
V   -0000003 .None
V   00000000 .Not in universe
V 1-00075000 .Total amount

D SC4414      8     85
     What is your best estimate of the
     average amount that ... and ...'s
     (husband/wife) had in these jointly
     held assets during the 4-month
     period ?
U Persons owning other interest-earning
  assets with spouse during the four
  month period
```

```
DATA        SIZE BEGIN

V   -0000003 .None
V   00000000 .Not in universe
V 1-00250000 .Total amount

D SC4422      8     93
     What is your best estimate of the
     average amount that ... had in
     ...'s assets during the 4-month
     period ?
U Persons owning other interest-earning
  assets with spouse during the four
  month period
V   -0000003 .None
V   00000000 .Not in universe
V 1-00750000 .Total amount

*********************************************
*                                           *
*       Stocks and Mutual Fund Shares       *
*                                           *
*********************************************

D TM8032      1     101
     Check Item A15
     Interview status of...'s spouse
U Persons with stocks and mutual fund shares
V          0 .Not applicable
V          1 .No spouse in household
V            .- skip to TM8044
V          2 .Interview for spouse not yet
V            .conducted
V          3 .Interview for spouse already
V            .conducted - skip to TM8042

D TM8034      6     102
     As of (last day of reference period)
     what was the market value of the
     stocks or mutual funds held jointly
     by...and...'s (husband/wife)
     (exclude stock in own corporation
     if value of that corporation was
     already obtained)
U Persons with stocks and mutual fund shares
  who have spouse in household but interview
  for spouse has not yet been conducted
V     000000 .Not applicable
V   4-999999 .Total amount - skip to
V            .TM8038
V     -00003 .None - skip to TM8042

D TM8036      1     108
     If I were to call back later would you be
     able to provide me with an estimate of
     the amount
U Persons with stocks or mutual fund shares
  with spouse interview not yet conducted who
  don't know market value of stocks or
  mutual funds
V          0 .Not applicable
V          1 .Yes
V          2 .No

D TM8042      1     109
     Besides the stocks or mutual fund
     shares held jointly with...'s
     (husband/wife), did...hold any
     other stocks or mutual fund shares
U Persons with stocks or mutual funds with
  spouse in household
V          0 .Not applicable
V          1 .Yes
V          2 .No - skip to next ISS code or
V            .TM8200
```

```
DATA        SIZE  BEGIN

D TM8044      6     110
      As of (last day of reference period)
      what was the market value of the
      stocks or mutual funds...held in
      (his/her) own name (exclude stock in own
      corporation if value of that corporation
      was already obtained)
U Persons with stocks or mutual funds
  in addition to joint stocks or mutual funds
V     000000 .Not applicable
V   3-999999 .Total amount - skip to
V            .TM8048

D TM8046      1     116
      If I were to call back later would you be
      able to provide me with an estimate of
      the amount
U Persons with stocks and mutual fund shares
  in addition to joint stocks or mutual funds
  who don't know value
V          0 .Not applicable
V          1 .Yes
V          2 .No

*********************************************
*  Rental Income                            *
*********************************************

D TM8052      2     117
      As of (last day of reference period)
      did ... own any rental property jointly
      with ...'s (husband/wife)  (include
      only property owned entirely by ...
      and ...'s(husband/wife)
U Persons who own rental property with
  spouse's interview not yet conducted
V         00 .Not applicable
V         01 .Yes
V         02 .No - skip to SC4610

D TM8054      2     119
      How many properties did...own
      jointly with...'s (husband/wife)
      as of (last day of reference period)
U Persons who own joint rental property
  on last day of reference period and spouse's
  interview has not been conducted
V         00 .Not applicable
V    01 - 99 .Number of properties
V         -3 .None - skip to SC4610

D TM8056      1     121
      Were any of these properties attached to
      or located on the same land as ...'s own
      residence?
U Persons who own joint rental property
  on last day of reference period and spouse's
  interview has not been conducted
V          0 .Not applicable
V          1 .Yes - all rental properties on
V            .residence - skip to SC4610
V          2 .Yes - some rental properties on
V            .residence
V          3 .No

D TM8068      6     122
      (Excluding properties attached to or
      located on ...'s own residence),
      as of (last day of reference period)
      what was the total market value of
      the property(ies)
U Persons who own joint rental property
  on last day of reference period with all
  rental properties not on residence
V     000000 .Not applicable
V   3-500000 .Total amount - skip to
V            .TM8072

D TM8070      1     128
      If I were to call back later would you be
      able to provide me with an estimate of
      the amount
U Persons who own joint rental property
  on last day of reference period with all
  rental properties not on residence but
  don't know value of properties
V          0 .Not applicable
V          1 .Yes
V          2 .No

D TM8072      2     129
      (Excluding properties attached to or
      located on ...'s own residence) was
      there a mortgage, deed of trust,
      or other debt on the property(ies)
U Persons who own joint rental property
  on last day of reference period with all
  rental properties not on residence
V         00 .Not applicable
V         01 .Yes
V         02 .No - skip to SC4610

D TM8074      6     131
      As of(last day of reference period)
      how much principal was owed on the
      property(ies)
U Persons who own joint rental property
  on last day of reference period that
  have a mortgage, deed of trust, or
  other debt on the properties
V     000000 .Not applicable
V   3-250000 .Total amount
V     -00003 .None

D TM8076      2     137
      As of(last day of reference period)
      did ... own any rental property in ...'s
      own name
U Persons who own rental property
V         00 .Not applicable
V         01 .Yes
V         02 .No -skip to SC4618

D TM8078      2     139
      How many properties did ... own
      in ...'s own name
U Persons who own rental property in own
  name on last day of reference period
V         00 .Not applicable
V    01 - 99 .Number of properties
V         -3 .None - skip to SC4618

D TM8080      1     141
      Were any of these properties attached to
      or located on the same land as ...'s own
      residence
U Persons who own rental property in own
  name on last day of reference period
V          0 .Not applicable
V          1 .Yes - all rental properties on
V            .residence - skip to SC4618
V          2 .Yes - some rental properties on
V            .residence
V          3 .No
```

DATA SIZE BEGIN

D TM8092 6 142
(Excluding properties attached to or located on ...'s own residence), as of(last day of reference period) what was the total market value of the property(ies)
U Persons who own rental property in own name on last day of reference period
V 000000 .Not applicable
V 3-380000 .Total amount - skip to
V .TM8096

D TM8094 1 148
If I were to call back later would you be able to provide me with an estimate of the amount
U Persons who own rental property in own name on last day of reference period but don't know value
V 0 .Not applicable
V 1 .Yes
V 2 .No

D TM8096 2 149
Was there a mortgage, deed of trust, or other debt on the property(ies)
U Persons who own rental property in own name on last day of reference period
V 00 .Not applicable
V 01 .Yes
V 02 .No - skip to SC4618

D TM8098 6 151
As of(last day of reference period) how much principal was owed on the property(ies)
U Persons who own rental property in own name that has mortgage, deed of trust, or other debt on property
V 000000 .Not applicable
V 3-200000 .Total amount
V -00003 .None

D TM8100 2 157
Did ... own any rental property jointly with others (as of last day of reference period) not including property owned entirely by ... and ...'s spouse
U Persons who own rental property
V 00 .Not applicable
V 01 .Yes
V 02 .No -skip to next ISS code or
V .TM8200

D TM8102 2 159
How many properties did ... own jointly with others (as of last day of reference period)
U Persons who own rental property jointly with someone other than spouse on last day of reference period
V 00 .Not applicable
V 01 - 99 .Number of properties
V -3 .None - skip to next ISS
V .code or TM8200

D TM8116 6 161
As of(last day of reference period) what was the total market value of the property(ies)

DATA SIZE BEGIN

U Persons who own rental property jointly with someone other than spouse on last day of reference period
V 000000 .Not applicable
V 3-900000 .Total amount

D TM8118 2 167
Was there a mortgage, deed of trust, or other debt on the property(ies)
U Persons who own rental property jointly with someone other than spouse on last day of reference period
V 00 .Not applicable
V 01 .Yes
V 02 .No

D TM8120 6 169
As of (last day of reference period) how much principal was owed on the property(ies)
U Persons who own rental property jointly with someone other than spouse on last day of reference period that has mortgage, deed of trust, or other debt
V 000000 .Not applicable
V 3-300000 .Total amount
V -00003 .None

D TM8122 6 175
As of (last day of reference period) what was the total value of...'s share of equity in the property(ies) (by equity we mean the total market value less any debts held against it.)
U Persons who own rental property jointly with someone other than spouse on last day of reference period
V 000000 .Not applicable
V 3-200000 .Total amount - skip to
V .next ISS code or TM8200
V -00003 .None

D TM8124 1 181
If I were to call back later would you be able to provide me with an estimate of the amount
U Persons who own rental property jointly with someone other than spouse on last day of reference period who don't know value of equity in properties
V 0 .Not applicable
V 1 .Yes
V 2 .No

D TM8130 1 182
Check item A21
Is ISS code 150 marked in Check Item A17
U Persons with other financial investments
V 0 .Not applicable
V 1 .Yes
V 2 .No

```
DATA         SIZE  BEGIN

D TM8132       6     183
     As of(last day of reference period)
     what was...'s equity in other
     financial investments  (by equity
     we mean the total market value less
     any debts held against it.)
U Persons with other financial investments
V      000000 .Not applicable
V    4-999999 .Total amount -skip to TM8200
V      -00003 .None - skip to TM8200

*******************************************
*  COMMENT                                *
*  Imputation flags for G2-type record    *
*                                         *
*  The possible answers are:              *
*                                         *
*  V          0 .Not imputed              *
*  V          1 .Imputed                  *
*******************************************

D IMP8034      1     189
     Topical modules imputation flag
     Imputation of 'TM8034'

D IMP8042      1     190
     Topical modules imputation flag
     Imputation of 'TM8042'

D IMP8044      1     191
     Topical modules imputation flag
     Imputation of 'TM8044'

D IMP8052      1     192
     Topical modules imputation flag
     Imputation of 'TM8052'

D IMP8054      1     193
     Topical modules imputation flag
     Imputation of 'TM8054'

D IMP8056      1     194
     Topical modules imputation flag
     Imputation of 'TM8056'

D IMP8068      1     195
     Topical modules imputation flag
     Imputation of 'TM8068'

D IMP8072      1     196
     Topical modules imputation flag
     Imputation of 'TM8072'

D IMP8074      1     197
     Topical modules imputation flag
     Imputation of 'TM8074'

D IMP8076      1     198
     Topical modules imputation flag
     Imputation of 'TM8076'

D IMP8078      1     199
     Topical modules imputation flag
     Imputation of 'TM8078'

D IMP8080      1     200
     Topical modules imputation flag
     Imputation of 'TM8080'

DATA         SIZE  BEGIN

D IMP8092      1     201
     Topical modules imputation flag
     Imputation of 'TM8092'

D IMP8096      1     202
     Topical modules imputation flag
     Imputation of 'TM8096'

D IMP8098      1     203
     Topical modules imputation flag
     Imputation of 'TM8098'

D IMP8100      1     204
     Topical modules imputation flag
     Imputation of 'TM8100'

D IMP8102      1     205
     Topical modules imputation flag
     Imputation of 'TM8102'

D IMP8116      1     206
     Topical modules imputation flag
     Imputation of 'TM8116'

D IMP8118      1     207
     Topical modules imputation flag
     Imputation of 'TM8118'

D IMP8120      1     208
     Topical modules imputation flag
     Imputation of 'TM8120'

D IMP8122      1     209
     Topical modules imputation flag
     Imputation of 'TM8122'

D IMP8132      1     210
     Topical modules imputation flag
     Imputation of 'TM8132'
     assets and liabilities

D FILLER       2     211
     Blank filler

*********************************************
* Part A - Selected Financial Assets and    *
*          Liabilities                      *
*********************************************

D TM8204       1     213
     Did ... own any U.S. savings bonds
     as of (last day of reference period)
U Persons 15 years and older
V            0 .Not applicable
V            1 .Yes
V            2 .No - skip to TM8208

D TM8206       6     214
     What was the face value of the U.S.
     savings bonds that...owned
     (if ownership was shared, count
     only ...'s share)
U Persons 15 years and older
  who own savings bonds on last
  day of reference period
V       000000 .Not applicable
V    25-012500 .Total amount
```

```
DATA        SIZE  BEGIN

D TM8208      1     220
     Check item T1
     Interview status of...'s spouse
U Persons 15 years and older
V          0 .Not applicable
V          1 .No spouse in household -
V            .skip to TM8232
V          2 .Interview for spouse not yet
V            .conducted
V          3 .Interview for spouse already
V            .conducted - skip to TM8232

D TM8209      2     221
     As of (last day of reference period)
     did ... own jointly with ...'s
     (husband/wife) any checking accounts
     which do not earn interest
U Persons 15 years and older, with spouse
  interview not yet conducted
V         00 .Not applicable
V         01 .Yes
V         02 .No - skip to TM8212

D TM8210      6     223
     What is your best estimate of the amount
     of money ... and ...'s (husband/wife) had
     in those checking accounts as of (last
     day of reference period)
U Persons 15 years and older, with spouse,
  who have checking accounts on last day of
  reference period which do not earn interest
V     000000 .Not applicable
V   4-005000 .Total amount
V     -00003 .None

D TM8232      2     229
     Besides any checking accounts
     owned jointly with ...'s
     spouse as of (last day of reference
     period) did ... own any (other) checking
     accounts which do not earn interest
U Persons 15 years and older
V         00 .Not applicable
V         01 .Yes
V         02 .No - skip to TM8234

D TM8233      6     231
     What is your best estimate of the amount
     of money ... had in those checking
     accounts as of (last day of reference
     period)  (if account was shared, count
     only ...'s share)
U Persons 15 years and older with individual
  checking accounts on last day of reference
  period that did not earn interest
V     000000 .Not applicable
V   1-003500 .Total amount
V     -00003 .None

D TM8258      1     237
     Check item T2
     Is ... 21 years of age or older
U Persons 15 years and older
V          0 .Not applicable
V          1 .Yes
V          2 .No - skip to TM8526

D TM8260      2     238
     Does ... have an individual retirement
     account - an IRA - in ...'s own name
U Persons 21 years and older
V         00 .Not applicable
V         01 .Yes
V         02 .No - skip to TM8284

DATA        SIZE BEGIN

D TM8262      2     240
     For how many years has ... contributed
     to ...'s IRA accounts
U Persons 21 years and older who have
  IRA in own name
V         00 .Not applicable
V    01 - 99 .Number of years

D TM8264      6     242
     As of (last day of reference period),
     what is the total balance or market
     value (including interest earned)
     of...'s IRA accounts
U Persons 21 years and older who
  have IRA in own name
V     000000 .Not applicable
V  3 -051000 .Total amount - skip to
V            .TM8268

D TM8266      1     248
     If I were to call back later would you be
     able to provide me with an estimate of
     the amount
U Persons 21 years and older who
  have IRA in own name but don't know value
V          0 .Not applicable
V          1 .Yes
V          2 .No

D TM8284      2     249
     Does ... have a KEOGH account in ...'s
     own name
U Persons 21 years and older
V         00 .Not applicable
V         01 .Yes
V         02 .No - skip to TM8308

D TM8286      2     251
     For how many years has ... contributed
     to ...'s KEOGH account
U Persons 21 years and older
  with KEOGH account
V         00 .Not applicable
V    01 - 99 .Number of years

D TM8288      6     253
     As of (last day of reference period)
     what was the total balance or market
     value of assets in ...'s KEOGH account(s)
U Persons 21 years and older
  with KEOGH account
V     000000 .Not applicable
V   3-200000 .Total amount - skip to
V            .TM8292

D TM8290      1     259
     If I were to call back later would you be
     able to provide me with an estimate of
     the amount
U Persons 21 years and older with KEOGH
  account who don't know value
V          0 .Not applicable
V          1 .Yes
V          2 .No

D TM8308      2     260
     Does ... have any life insurance
     (include group policies provided
     by employers)
U Persons 21 years and older
V         00 .Not applicable
V         01 .Yes
V         02 .No - skip to TM8324
```

```
DATA          SIZE  BEGIN

D TM8310        6     262
     What is the current face value of all
     life insurance policies that ... has
U Persons 21 years and older
  with life insurance
V      000000 .Not applicable
V   01-999999 .Total amount

D TM8312        2     268
     What type of life insurance does ... have
     -- is it "term insurance", "whole life",
     or does ... have both of these types
U Persons 21 years and older with
  life insurance
V          00 .Not applicable
V          01 .Term only
V          02 .Whole life only
V          03 .Both types

*********************************************
*  COMMENT                                  *
*  Imputation flag for topical modules      *
*  assets & liabilities record              *
*                                           *
*  The possible answers are:                *
*  V          0 .Not imputed                *
*  V          1 .imputed                    *
*********************************************

D IMP8204       1     270
     Topical modules imputation flag
     Imputation of 'TM8204'

D IMP8206       1     271
     Topical modules imputation flag
     Imputation of 'TM8206'

D IMP8209       1     272
     Topical modules imputation flag
     Imputation of 'TM8209'

D IMP8210       1     273
     Topical modules imputation flag
     Imputation of 'TM8210'

D IMP8232       1     274
     Topical modules imputation flag
     Imputation of 'TM8232'

D IMP8233       1     275
     Topical modules imputation flag
     Imputation of 'TM8233'

D IMP8260       1     276
     Topical modules imputation flag
     Imputation of 'TM8260'

D IMP8262       1     277
     Topical modules imputation flag
     Imputation of 'TM8262'

D IMP8264       1     278
     Topical modules imputation flag
     Imputation of 'TM8264'

D IMP8284       1     279
     Topical modules imputation flag
     Imputation of 'TM8284'

D IMP8286       1     280
     Topical modules imputation flag
     Imputation of 'TM8286'
```

```
DATA          SIZE  BEGIN

D IMP8288       1     281
     Topical modules imputation flag
     Imputation of 'TM8288'

D IMP8308       1     282
     Topical modules imputation flag
     Imputation of 'TM8308'

D IMP8310       1     283
     Topical modules imputation flag
     Imputation of 'TM8310'

D IMP8312       1     284
     Topical modules imputation flag
     Imputation of 'TM8312'

*********************************************
* Part B - Medical Expenses and Work        *
*          Disability                       *
*********************************************

*********************************************
* Item 1.  During (read last month) did ... *
* pay any of the following:                 *
*********************************************

D TM8400        2     285
     Doctor bills
U Persons 15 years old or older
V          00 .Not applicable
V          01 .Yes
V          02 .No

D TM8402        2     287
     Dental bills?
U Persons 15 years old or older
V          00 .Not applicable
V          01 .Yes
V          02 .No

D TM8404        2     289
     Hospital bills?
U Persons 15 years old or older
V          00 .Not applicable
V          01 .Yes
V          02 .No

D TM8406        2     291
     Expenses for prescription medicine?
U Persons 15 years old or older
V          00 .Not applicable
V          01 .Yes
V          02 .No

D TM8408        1     293
     Is one or more "yes" boxes marked in
     item  1?
U Persons 15 years old or older
V           0 .Not applicable
V           1 .Yes
V           2 .No

D TM8410        6     294
     Not counting amounts already reported
     by another family member or amounts
     that will be reimbursed by insurance,
     how much did...pay for medical expenses
     in the month of(read last month)?
U All persons who paid for medical expenses
  last month
V      000000 .Not applicable
V    1-000700 .Dollar amount
```

```
DATA         SIZE  BEGIN

D TM8412       1     300
     What is ...'s age
U All persons who paid for medical expenses
  last month
V          0 .Not applicable
V          1 .15 years old - skip to TM8526
V          2 .16-67 years old
V          3 .68 years old or older -
V            .skip to TM8526

D TM8414       1     301
     Is "disabled" (code 171) marked on the
     ISS for ...?
U All persons, 16 to 67 years old
V          0 .Not applicable
V          1 .Yes - skip to TM8418
V          2 .No

D TM8416       1     302
     Is "disabled" (code 171) marked on
     the control card for ...?
U All persons, 16 to 67 years old with
  disabled not marked on the ISS
V          0 .Not applicable
V          1 .Yes
V          2 .No - skip to TM8420

D TM8418       1     303
     We have recorded that ...'s health
     condition limits the kind or amount
     of work ... can do.  Is that correct?
U All persons, 16 to 67 years old with
  disabled marked on the control card
V          0 .Not applicable
V          1 .Yes - skip to TM8422
V          2 .No - skip to TM8526

D TM8420       1     304
     Does...have a physical,mental,or other
     health condition which limits the kind
     or amount of work ... can do?
U All persons, 16 to 67 years
V          0 .Not applicable
V          1 .Yes
V          2 .No - skip to TM8526

D TM8422       1     305
     Check Item T7
     Is "worked" (code 170) marked on
     the ISS?
U All persons, 16 to 67 years old with
  physical, mental, or other health condition
  which limits the kind or amount of work
V          0 .Not applicable
V          1 .Yes - skip to TM8526
V          2 .No

D TM8424       1     306
     Does...'s health or condition prevent
     ...from working at a job or business
U All persons, 16 to 67 years old with
  physical, mental, or other health condition
  which limits the kind or amount of work
  and with "Worked" marked on the ISS
V          0 .Not applicable
V          1 .Yes
V          2 .No - skip to TM8526

DATA         SIZE BEGIN

D TM8426       1     307
     Has...been prevented from working
     for the past 12 months or longer?
U All persons, 16 to 67 years old with
  health or condition that prevents working
  at a job or business
V          0 .Not applicable
V          1 .Yes - skip to TM8526
V          2 .No

D TM8428       2     308
     Is it likely that ... will be able to
     work at some time in the next 12
     months?
U All persons, 16 to 67 years old with health
  or condition that has not prevented working
  for the past 12 months or longer
V         00 .Not applicable
V         01 .Yes
V         02 .No

*********************************************
*Imputation flags for medical expenses and  *
*work disability                             *
*********************************************

D IMP8400      1     310
     Topical modules imputation flag
     Imputation of 'TM8400'
V          0 .Not imputed
V          1 .Imputed

D IMP8402      1     311
     Topical modules imputation flag
     Imputation of 'TM8402'
V          0 .Not imputed
V          1 .Imputed

D IMP8404      1     312
     Topical modules imputation flag
     Imputation of 'TM8404'
V          0 .Not imputed
V          1 .Imputed

D IMP8406      1     313
     Topical modules imputation flag
     Imputation of 'TM8406'
V          0 .Not imputed
V          1 .Imputed

D IMP8410      1     314
     Topical modules imputation flag
     Imputation of 'TM8410'
V          0 .Not imputed
V          1 .Imputed

D IMP8418      1     315
     Topical modules imputation flag
     Imputation of 'TM8418'
V          0 .Not imputed
V          1 .Imputed

D IMP8420      1     316
     Topical modules imputation flag
     Imputation of 'TM8420'
V          0 .Not imputed
V          1 .Imputed

D IMP8424      1     317
     Topical modules imputation flag
     Imputation of 'TM8424'
V          0 .Not imputed
V          1 .Imputed
```

```
DATA         SIZE  BEGIN

D IMP8426     1     318
     Topical modules imputation flag
     Imputation of 'TM8426'
V          0 .Not imputed
V          1 .Imputed

D IMP8428     1     319
     Topical modules imputation flag
     Imputation of 'TM8428'
V          0 .Not imputed
V          1 .Imputed

D FILLER      1     320
   Blank filler

*********************************************
* Part C - Real Estate, Shelter Costs,      *
*         Dependent Care, and Vehicles      *
*********************************************

D TM8526      1     321
     Check item T11
     Is this the reference person's
     questionnaire
U All persons 15 years old and older
V          0 .Not applicable
V          1 .Yes
V          2 .No - skip to SC4800

D TM8530      1     322
     Check item T13
     Tenure
U Reference persons
V          0 .Not applicable
V          1 .Owned or being bought
V          2 .Rented for cash - skip to
V            .TM8658
V          3 .Occupied without cash payment
V             - skip to TM8658

*******************************************
*  COMMENT                                *
*  The next 3 fields (TM8532 through      *
*  TM8536) are person number(s) in        *
*  this household for the home owner(s).  *
*  In each case the range of answers is:  *
*                                         *
*V           0 .Not a legal person number *
*              .or not in universe based on*
*              .response to TM8530        *
*V  101 - 124 .Person number              *
*V  180 - 199 .Person number              *
*V  201 - 224 .Person number              *
*V  280 - 299 .Person number              *
*V  301 - 324 .Person number              *
*V  380 - 399 .Person number              *
*V  401 - 424 .Person number              *
*V  480 - 499 .Person number              *
*V  501 - 524 .Person number              *
*V  580 - 599 .Person number              *
*V  601 - 624 .Person number              *
*V  680 - 699 .Person number              *
*V  701 - 724 .Person number              *
*V  780 - 799 .Person number              *
*******************************************

D TM8532      3     323
     Person number
U Reference persons living in housing
  unit that is owned or being bought
```

```
DATA         SIZE  BEGIN

D TM8534      3     326
     Person number
U Reference persons living in housing
  unit that is owned or being bought

D TM8536      3     329
     Person number
U Reference persons living in housing
  unit that is owned or being bought

D TM8538      6     332
     How much was this household's rent/
     mortgage payment last month
U Reference persons living in housing
  unit that is owned or being bought or rented
  for cash
V     -00003 .None
V     000000 .Not applicable
V   1-001400 .Dollar amount

TM8540        6     338
     How much did this household pay for
     electricity, gas, and other utilities
     last month?
U Reference persons living in housing
  unit that is owned or being bought or rented
  for cash
V     000000 .Not applicable
V   1-000400 .Amount of utilities
V     -00003 .None

D TM8542      1     344
     Check Item T10
     Composition of household
U Reference persons living in housing
  unit that is owned or being bought or rented
  for cash
V          0 .Not applicable
V          1 .One person household - skip to
V            .TM8560
V          2 .Married-couple household, no
V            .other person 18 or older - skip
V            .to TM8560
V          3 .Single parent household, no
V            .other person 18 or older - skip
V            .to TM8560
V          4 .Other composition

D TM8544      1     345
     Did more than one of the persons living
     here pay for the (rent/mortgage) payment
     and utilities last month?
U Reference persons living in housing
  unit that is owned or being bought or rented
  for cash and household composition reported
  as other
V          0 .Not applicable
V          1 .Yes - skip to TM8548
V          2 .No

D TM8546      3     346
     Which person paid?
U Reference persons living in housing unit
  where household composition was reported as
  other and only one person paid rent/
  mortgage payment last month
V    000-799 .Person number - skip to TM8560
V        999 .No rent/mortgage or utilities
V            .to be paid by anyone
```

```
OATA         SIZE  BEGIN

**********************************************
*  The next two questions refer to person 1 *
**********************************************

0 TM8548       3     349
     Person number
U Reference persons living in housing
  unit that is owned or being bought or rented
  for cash

0 TM8554       6     352
     How much did this person pay
U Reference persons living in housing
  unit that is owned or being bought or rented
  for cash
V      000000 .Not applicable
V 1 - 000700 .Amount paid

**********************************************
*  The next two questions refer to person 2 *
**********************************************

0 TM8550       3     358
     Person number
U Reference persons living in housing
  unit that is owned or being bought or rented
  for cash

0 TM8556       6     361
     How much did this person pay
U Reference persons living in housing
  unit that is owned or being bought or rented
  for cash
V      000000 .Not applicable
V   1-000700 .Amount paid

**********************************************
*  The next two questions refer to person 3 *
**********************************************

0 TM8552       3     367
     Person number
U Reference persons living in housing
  unit that is owned or being bought or rented
  for cash

0 TM8558       6     370
     How much did this person pay
U Reference persons living in housing
  unit that is owned or being bought or rented
  for cash
V      000000 .Not applicable
V   1-000700 .Amount paid

0 TM8560       1     376
     Check Item T11
     Number of persons in household
U Reference persons living in housing
  unit that is owned or being bought or rented
  for cash
V           0 .Not applicable
            1 .One - skip to TM8658
V           2 .Two or more

0 TM8562       1     377
     Last month, did anyone here pay for the
     care of a child or a disabled person so
     that a household member could work,
     attend training, or look for a job?
U Reference persons living in housing
  unit with two or more persons that is owned
  or being bought or rented for cash
V           0 .Not applicable
V           1 .Yes
V           2 .No - skip to TM8658

0 TM8564       6     378
     What was the total cost of these care
     arrangements for the month of (last
     month)?
U Persons in households that paid for care of
  child or disabled person last month so
  household member could work, attend train-
  ing, or look for a job
V      000000 .Not applicaable
V    1-000700 .Total cost of care

0 TM8658       1     384
     Check item T12
     Is this residence in a public
     housing project, is it subsidized,
     or is it neither public nor subsidized
U Persons in households that paid for care of
  child or disabled person last month so
  household member could work, attend train-
  ing, or look for a job
V           0 .Not applicable
V           1 .In a public housing project
V             .- skip to TM8714
V           2 .Subsidized - skip to TM8714
V           3 .Neither public nor subsidized

0 TM8660       2     385
     Oo you or anyone in this household
     own any (other) real estate, such
     as a vacation home or undeveloped
     lot
U Reference persons with residence that is
  neither public nor subsidized
V          00 .Not applicable
V          01 .Yes
V          02 .No - skip to TM8714

0 TM8662       3     387
     Which person in this household is
     the first owner of this
     (these)property(ies)
U Reference persons with residence that is
  neither public nor subsidized who own other
  real estate
V         000 .Not applicable
V   101 - 124 .Person number
V   180 - 199 .Person number
V   201 - 224 .Person number
V   280 - 299 .Person number
V   301 - 324 .Person number
V   380 - 399 .Person number
V   401 - 424 .Person number
V   480 - 499 .Person number
V   501 - 524 .Person number
V   580 - 599 .Person number
V   601 - 624 .Person number
V   680 - 699 .Person number
V   701 - 724 .Person number
V   780 - 799 .Person number
```

```
DATA        SIZE  BEGIN

D TM8664      3    390
     Which person in this household is
     the second owner of this (these)
     property(ies)
U Reference persons living in residence that
  is neither public nor subsidized and own
  other real estate
V          000 .Not applicable
V  101 - 124 .Person number
V  180 - 199 .Person number
V  201 - 224 .Person number
V  280 - 299 .Person number
V  301 - 324 .Person number
V  380 - 399 .Person number
V  401 - 424 .Person number
V  480 - 499 .Person number
V  501 - 524 .Person number
V  580 - 599 .Person number
V  601 - 624 .Person number
V  680 - 699 .Person number
V  701 - 724 .Person number
V  780 - 799 .Person number

D TM8666      6    393
     What is the total value of... equity
     in this (these) property(ies)
U Reference persons living in residence that
  is neither public nor subsidized and own
  other real estate
V      000000 .Not applicable
V 3 - 200000 .Total amount

D TM8714      1    399
     Does anyone in this household own a
     car, van, or truck, excluding
     recreational vehicles (rv's) and
     motorcycles
U Reference persons living in residence that
  is neither public nor subsidized and own
  other real estate
V            0 .Not applicable
V            1 .Yes
V            2 .No - skip to TM8770

D TM8716      2    400
     How many cars, trucks, or vans are
     owned by members of this household
U Reference persons living in residence that
  is neither public nor subsidized and own
  other real estate
V           00 .Not applicable
V      01 - 99 .Number of motor vehicles

*********************************************
*  COMMENT                                  *
*  The next 7 fields (TM8718 through        *
*  TM8766) are related to motor vehicle one*
*                                           *
*  The next 2 fields are person number(s)  *
*  of the owner(s) of the newest motor      *
*  vehicle                                  *
*                                           *
*  V         000 .Not a legal person number *
*  V             .or not applicable based   *
*  V             .on response to TM8716     *
*  V  101 - 124 .Person number              *
*  V  180 - 199 .Person number              *
*  V  201 - 224 .Person number              *
*  V  280 - 299 .Person number              *
*  V  301 - 324 .Person number              *
```

```
DATA        SIZE  BEGIN

*  V  380 - 399 .Person number              *
*  V  401 - 424 .Person number              *
*  V  480 - 499 .Person number              *
*  V  501 - 524 .Person number              *
*  V  580 - 599 .Person number              *
*  V  601 - 624 .Person number              *
*  V  680 - 699 .Person number              *
*  V  701 - 724 .Person number              *
*  V  780 - 799 .Person number              *
*********************************************

D TM8718      3    402
     First person number
U Reference persons living in residence that
  is neither public nor subsidized who own a
  car, van, or truck, excluding recreational
  vehicles and motorcycles (Vehicle 1)

D TM8724      3    405
     Second person number
U Reference persons living in residence that
  is neither public nor subsidized who own a
  car, van, or truck, excluding recreational
  vehicles and motorcycles (Vehicle 1)

D TM8730      4    408
     What is the year of this vehicle
U Reference persons living in residence that
  is neither public nor subsidized who own a
  car, van, or truck, excluding recreational
  vehicles and motorcycles (Vehicle 1)
V         0000 .Not applicable
V  1979-1992 .Year

D FILLER      4    412
     Blank filler

D TM8754      2    416
     Is this vehicle owned free and clear,
     or is there still money owed on it
U Reference persons living in residence that
  is neither public nor subsidized who own a
  car, van, or truck, excluding recreational
  vehicles and motorcycles (Vehicle 1)
V           00 .Not applicable
V           01 .Money owed
V           02 .Free and clear - skip to TM8766

D TM8760      6    418
     How much is currently owed for this
     vehicle
U Reference persons living in residence that
  is neither public nor subsidized who own a
  car, van, or truck, excluding recreational
  vehicles and motorcycles (Vehicle 1)
V      000000 .Not applicable
V    1-025000 .Total amount

D TM8763      1    424
     Is this vehicle used primarily for either
     business purposes or for the transporta-
     tion of a disabled person
U Reference persons living in residence that
  is neither public nor subsidized who own a
  car, van, or truck, excluding recreational
  vehicles and motorcycles (Vehicle 1)
V            0 .Not applicable
V            1 .Yes
V            2 .No
```

```
DATA        SIZE  BEGIN

D TM8766      1    425
     Check item T18
     Is there another vehicle which
     has not been asked about
U Reference persons living in residence that
  is neither public nor subsidized who own a
  car, van, or truck, excluding recreational
  vehicles and motorcycles (Vehicle 1)
V          0 .Not applicable
V          1 .Yes - skip to TM8720 for
V            .vehicle 2
V          2 .No - skip to TM8770

*******************************************
*  COMMENT                                *
*  The next 7 fields (TM8720 through      *
*  TM8768) are related to motor vehicle   *
*  two.                                   *
*                                         *
*  The next 2 fields are person number(s) *
*  of owner(s) of the next newest motor   *
*  vehicle                                *
*  V        000 .Not a legal person number*
*               .or not applicable based  *
*               .on response to TM8716    *
*  V  101 - 124 .Person number            *
*  V  180 - 199 .Person number            *
*  V  201 - 224 .Person number            *
*  V  280 - 299 .Person number            *
*  V  301 - 324 .Person number            *
*  V  380 - 399 .Person number            *
*  V  401 - 424 .Person number            *
*  V  480 - 499 .Person number            *
*  V  501 - 524 .Person number            *
*  V  580 - 599 .Person number            *
*  V  601 - 624 .Person number            *
*  V  680 - 699 .Person number            *
*  V  701 - 724 .Person number            *
*  V  780 - 799 .Person number            *
*******************************************

D TM8720      3    426
     First person number
U Reference persons living in residence that
  is neither public nor subsidized who own a
  car, van, or truck, excluding recreational
  vehicles and motorcycles (Vehicle 2)

D TM8726      3    429
     Second person number
U Reference persons living in residence that
  is neither public nor subsidized who own a
  car, van, or truck, excluding recreational
  vehicles and motorcycles (Vehicle 2)

D TM8732      4    432
     What is the year of this vehicle
U Reference persons living in residence that
  is neither public nor subsidized who own a
  car, van, or truck, excluding recreational
  vehicles and motorcycles (Vehicle 2)
V       0000 .Not applicable
V  1979-1992 .Year

D FILLER      4    436
     Blank filler

D TM8756      2    440
     Is this vehicle owned free and clear,
     or is there still money owed on it
U Reference persons living in residence that
  is neither public nor subsidized who own a
  car, van, or truck, excluding recreational
  vehicles and motorcycles (Vehicle 2)
V         00 .Not applicable
```

```
DATA        SIZE BEGIN

V         01 .Money owed
V         02 .Free and clear - skip to TM8768

D TM8761      6    442
     How much is currently owed for
     this vehicle
U Reference persons living in residence that
  is neither public nor subsidized who own a
  car, van, or truck, excluding recreational
  vehicles and motorcycles (Vehicle 2)
V     000000 .Not applicable
V   1-025000 .Total amount

D TM8764      1    448
     Is this vehicle used primarily for either
     business purposes or for the transporta-
     tion of a disabled person
U Reference persons living in residence that
  is neither public nor subsidized who own a
  car, van, or truck, excluding recreational
  vehicles and motorcycles (Vehicle 2)
V          0 .Not applicable
V          1 .Yes
V          2 .No

D TM8768      1    449
     Is there another vehicle which has
     not been asked about
U Reference persons living in residence that
  is neither public nor subsidized who own a
  car, van, or truck, excluding recreational
  vehicles and motorcycles (Vehicle 2)
V          0 .Not applicable
V          1 .Yes - skip to TM8722 for
V            .vehicle 3
V          2 .No - skip to TM8770

*******************************************
*  COMMENT                                *
*  THE next 6 fields (TM8722 through      *
*  TM8764) are related to motor           *
*  vehicle three                          *
*                                         *
*  The next 2 fields are person number(s) *
*  of the owner(s) of the third newest    *
*  motor vehicle                          *
*                                         *
*  V        000 .Not a legal person number *
*  V            .or not applicable based  *
*  V            .on response to TM8716    *
*  V  101 - 124 .Person number            *
*  V  180 - 199 .Person number            *
*  V  201 - 224 .Person number            *
*  V  280 - 299 .Person number            *
*  V  301 - 324 .Person number            *
*  V  380 - 399 .Person number            *
*  V  401 - 424 .Person number            *
*  V  480 - 499 .Person number            *
*  V  501 - 524 .Person number            *
*  V  580 - 599 .Person number            *
*  V  601 - 624 .Person number            *
*  V  680 - 699 .Person number            *
*  V  701 - 724 .Person number            *
*  V  780 - 799 .Person number            *
*******************************************

D TM8722      3    450
     First person number
U Reference persons living in residence that
  is neither public nor subsidized who own a
  car, van, or truck, excluding recreational
  vehicles and motorcycles (Vehicle 3)
```

```
DATA         SIZE  BEGIN

D TM8728      3     453
     Second person number
U Reference persons living in residence that
  is neither public nor subsidized who own a
  car, van, or truck, excluding recreational
  vehicles and motorcycles (Vehicle 3)

D TM8734      4     456
     What is the year of this vehicle
U Reference persons living in residence that
  is neither public nor subsidized who own a
  car, van, or truck, excluding recreational
  vehicles and motorcycles (Vehicle 3)
V       0000 .Not applicable
V  1979-1992 .Year

D FILLER      4     460
     Office use only

D TM8758      2     464
     Is this vehicle owned free and clear
     or is there still money owed on it
U Reference persons living in residence that
  is neither public nor subsidized who own a
  car, van, or truck, excluding recreational
  vehicles and motorcycles (Vehicle 3)
V         00 .Not applicable
V         01 .Money owed
V         02 .Free and clear - skip to TM8770

D TM8762      6     466
     How much is currently owed for this
     vehicle
U Reference persons living in residence that
  is neither public nor subsidized who own a
  car, van, or truck, excluding recreational
  vehicles and motorcycles (Vehicle 3)
V    000000 .Not applicable
V  1-025000 .Total amount

D TM8765      1     472
     Is this vehicle used primarily for either
     business purposes or for the transporta-
     tion of a disabled person
U Reference persons living in residence that
  is neither public nor subsidized who own a
  car, van, or truck, excluding recreational
  vehicles and motorcycles (Vehicle 3)
V          0 .Not applicable
V          1 .Yes
V          2 .No

*******************************************
*  COMMENT                                *
*  The next 5 fields (TM8770 through      *
*  TM8778) are possible answers to the    *
*  question:                              *
*                                         *
*  Does anyone in this household own      *
*  another kind of vehicle, not used for  *
*  any business, such as a boat, motorcycle*
*  or recreational vehicle                *
*                                         *
*  In each case the range of answers is:  *
*                                         *
*  V         0 .Not marked as a kind of   *
*              .vehicle or not applicable *
*  V         1 .Marked as a kind of       *
*              .vehicle                   *
*******************************************

DATA         SIZE  BEGIN

D TM8770      1     473
     Motorcycle
U Reference persons living in residence that
  is neither public nor subsidized who own
  another kind of vehicle not used for any
  business

D TM8772      1     474
     Boat
U Reference persons living in residence that
  is neither public nor subsidized who own
  another kind of vehicle not used for any
  business

D TM8774      1     475
     Recreational vehicle (RV)
U Reference persons living in residence that
  is neither public nor subsidized who own
  another kind of vehicle not used for any
  business

D TM8776      1     476
     Other
U Reference persons living in residence that
  is neither public nor subsidized who own
  another kind of vehicle not used for any
  business

D TM8778      1     477
     No other vehicle owned - skip to SC4800
U Reference persons living in residence that
  is neither public nor subsidized who own
  another kind of vehicle not used for any
  business

*******************************************
*  COMMENT                                *
*  The next 5 fields (TM8780 through      *
*  TM8800) are related to motor vehicle   *
*  one                                    *
*******************************************

*******************************************
*  COMMENT                                *
*  The next 2 fields are person number(s) *
*  for motor vehicle owner(s)             *
*******************************************

D TM8780      3     478
     First person number
U Reference persons living in housing unit
  or mobile home who own another kind of
  vehicle, not used for any business, such
  as a motorcycle, boat or RV  (Vehicle 1)
V        000 .Not a legal person number or
V            .not applicable based on
V            .response to TM8770 through
V            .TM8778
V  101 - 124 .Person number
V  180 - 199 .Person number
V  201 - 224 .Person number
V  280 - 299 .Person number
V  301 - 324 .Person number
V  380 - 399 .Person number
V  401 - 424 .Person number
V  480 - 499 .Person number
V  501 - 524 .Person number
V  580 - 599 .Person number
V  601 - 624 .Person number
V  680 - 699 .Person number
V  701 - 724 .Person number
V  780 - 799 .Person number
```

```
DATA        SIZE  BEGIN

D TM8784      3    481
     Second person number
U Reference persons living in housing unit
  or mobile home who own another kind of
  vehicle, not used for any business, such
  as a motorcycle, boat or RV  (Vehicle 1)
V        000 .Not a legal person number or
V            .not applicable based on response
V            .to TM8770 through TM8778
V  101 - 124 .Person number
V  180 - 199 .Person number
V  201 - 224 .Person number
V  280 - 299 .Person number
V  301 - 324 .Person number
V  380 - 399 .Person number
V  401 - 424 .Person number
V  480 - 499 .Person number
V  501 - 524 .Person number
V  580 - 599 .Person number
V  601 - 624 .Person number
V  680 - 699 .Person number
V  701 - 724 .Person number
V  780 - 799 .Person number

D TM8788      6    484
     If this vehicle were sold, what would
     it sell for in its present condition
U Reference persons living in housing unit
  or mobile home who own another kind of
  vehicle, not used for any business, such
  as a motorcycle, boat or RV  (Vehicle 1)
V      000000 .Not applicable
V    3-024000 .Total amount

D TM8792      2    490
     Is this vehicle owned free and clear
     or is there still money owed on it
U Reference persons living in housing unit
  or mobile home who own another kind of
  vehicle, not used for any business, such
  as a motorcycle, boat or RV  (Vehicle 1)
V         00 .Not applicable
V         01 .Money owed
V         02 .Free and clear - skip to TM8800

D TM8796      6    492
     How much is currently owed for
     this vehicle
U Reference persons living in housing unit
  or mobile home who owe money on another
  kind of vehicle, not used for any
  business, such as a motorcycle, boat or
  RV (Vehicle 1)
V      000000 .Not applicable
V    3-020000 .Total amount

D TM8800      1    498
     Check item T18
     Are there any other vehicles which
     have not been asked about
U Reference persons living in housing unit
  or mobile home who owe money on another
  kind of vehicle, not used for any
  business, such as a motorcycle, boat or
  RV
V          0 .Not applicable
V          1 .Yes - skip to TM8782
V          2 .No - skip to SC4800

DATA        SIZE BEGIN

******************************************
*  COMMENT                               *
*  The next 5 fields (TM8782 through     *
*  TM8798) are related to motor vehicle  *
*  two                                   *
******************************************

******************************************
*  COMMENT                               *
*  The next 2 fields are person number(s)*
*  for motor vehicle owner(s)            *
******************************************

D TM8782      3    499
     First person number
U Reference persons living in housing unit
  or mobile home who own another kind of
  vehicle, not used for any business, such
  as a motorcycle, boat or RV  (Vehicle 2)
V        000 .Not a legal person number or
V            .not applicable based on response
V            .to TM8770 through TM8778
V  101 - 124 .Person number
V  180 - 199 .Person number
V  201 - 224 .Person number
V  280 - 299 .Person number
V  301 - 324 .Person number
V  380 - 399 .Person number
V  401 - 424 .Person number
V  480 - 499 .Person number
V  501 - 524 .Person number
V  580 - 599 .Person number
V  601 - 624 .Person number
V  680 - 699 .Person number
V  701 - 724 .Person number
V  780 - 799 .Person number

D TM8786      3    502
     Second person number
U Reference persons living in housing unit
  or mobile home who own another kind of
  vehicle, not used for any business, such
  as a motorcycle, boat or RV  (Vehicle 2)
V        000 .Not a legal person number or
V            .not applicable based on response
V            .to TM8770 through TM8778
V  101 - 124 .Person number
V  180 - 199 .Person number
V  201 - 224 .Person number
V  280 - 299 .Person number
V  301 - 324 .Person number
V  380 - 399 .Person number
V  401 - 424 .Person number
V  480 - 499 .Person number
V  501 - 524 .Person number
V  580 - 599 .Person number
V  601 - 624 .Person number
V  680 - 699 .Person number
V  701 - 724 .Person number
V  780 - 799 .Person number

D TM8790      6    505
     If this vehicle were sold, what would
     it sell for in its present condiction
U Reference persons living in housing unit
  or mobile home who own another kind of
  vehicle, not used for any business, such
  as a motorcycle, boat or RV  (Vehicle 2)
V      000000 .Not applicable
V    3-020000 .Total amount
```

```
DATA        SIZE  BEGIN

D TM8794       2     511
     Is this vehicle owned free and clear
     or is there still money owed on it
U Reference persons living in housing unit
  or mobile home who own another kind of
  vehicle, not used for any business, such
  as a motorcycle, boat or RV  (Vehicle 2)
V          00 .Not applicable
V          01 .Money owed
V          02 .Free and clear - skip to SC4800

D TM8798       6     513
     How much is currently owed for
     this vehicle
U Reference persons living in housing unit
  or mobile home who own another kind of
  vehicle, not used for any business, such
  as a motorcycle, boat or RV  (Vehicle 2)
V      000000 .Not applicable - skip to SC4800
V    3-011000 .Total amount - skip to SC4800

D TMCARVA1     6     519
     Present car value(s)
     Range = (000001-028000)

D TMCARVA2     6     525
     Present car value(s)
     Range = (000001-028000)

D TMCARVA3     6     531
     Present car value(s)
     Range = (000001-028000)

*******************************************
*  COMMENT                                *
*  Imputation flags for household.        *
*  The possible answers are:              *
*  V         0 .Not imputed               *
*  V         1 .Imputed                   *
*******************************************

D IMP8538      1     537
     Topical modules imputation flag
     Imputation of 'TM8538'

D IMP8540      1     538
     Topical modules imputation flag
     Imputation of 'TM8540'

D IMP8544      1     539
     Topical modules imputation flag
     Imputation of 'TM8544'

D IMP8554      1     540
     Topical modules imputation flag
     Imputation of 'TM8554'

D IMP8556      1     541
     Topical modules imputation flag
     Imputation of 'TM8556'

D IMP8558      1     542
     Topical modules imputation flag
     Imputation of 'TM8558'

D IMP8562      1     543
     Topical modules imputation flag
     Imputation of 'TM8562'

D IMP8564      1     544
     Topical modules imputation flag
     Imputation of 'TM8564'

DATA        SIZE  BEGIN

D IMP8660      1     545
     Topical modules imputation flag
     Imputation of 'TM8660'

D IMP8666      1     546
     Topical modules imputation flag
     Imputation of 'TM8666'

D IMP8714      1     547
     Topical modules imputation flag
     Imputation of 'TM8714'

D IMP8716      1     548
     Topical modules imputation flag
     Imputation of 'TM8716'

D IMP8730      1     549
     Topical modules imputation flag
     Imputation of 'TM8730'

D IMP8732      1     550
     Topical modules imputation flag
     Imputation of 'TM8732'

D IMP8734      1     551
     Topical modules imputation flag
     Imputation of 'TM8734'

D IMP8754      1     552
     Topical modules imputation flag
     Imputation of 'TM8754'

D IMP8756      1     553
     Topical modules imputation flag
     Imputation of 'TM8756'

D IMP8758      1     554
     Topical modules imputation flag
     Imputation of 'TM8758'

D IMP8760      1     555
     Topical modules imputation flag
     Imputation of 'TM8760'

D IMP8761      1     556
     Topical modules imputation flag
     Imputation of 'TM8761'

D IMP8762      1     557
     Topical modules imputation flag
     Imputation of 'TM8762'

D IMP8763      1     558
     Topical modules imputation flag
     Imputation of 'TM8763'

D IMP8764      1     559
     Topical modules imputation flag
     Imputation of 'TM8764'

D IMP8765      1     560
     Topical modules imputation flag
     Imputation of 'TM8765

D IMP8770      1     561
     Topical modules imputation flag
     Imputation of 'TM8770'

D IMP8788      1     562
     Topical modules imputation flag
     Imputation of 'TM8788'
```

```
DATA         SIZE  BEGIN

D IMP8790      1     563
     Topical modules imputation flag
     Imputation of 'TM8790'

D IMP8792      1     564
     Topical modules imputation flag
     Imputation of 'TM8792'

D IMP8794      1     565
     Topical modules imputation flag
     Imputation of 'TM8794'

D IMP8796      1     566
     Topical modules imputation flag
     Imputation of 'TM8796'

D IMP8798      1     567
     Topical modules imputation flag
     Imputation of 'TM8798'

*******************************************
*  COMMENT                                *
*   Calculation flag for topical modules  *
*   household record                      *
*   The possible answers are :            *
*                                         *
*          0 .Not calculated              *
*          1 .Calculated                  *
*******************************************

D CAL8532      1     568
     Topical modules calculation flag
     Calcuation of 'TM8532'

D CAL8534      1     569
     Topical modules calculation flag
     Calculation of 'TM8534'

D CAL8536      1     570
     Topical modules calculation flag
     Calculation of 'TM8536'

D CAL8662      1     571
     Topical modules calculation flag
     Calculation of 'TM8662'

D CAL8664      1     572
     Topical modules calculation flag
     Calculation of 'TM8664'

D CAL8716      1     573
     Topical modules calculation flag
     Calculation of 'TM8716'

D CAL8718      1     574
     Topical modules calculation flag
     Calculation of 'TM8718'

D CAL8720      1     575
     Topical modules calculation flag
     Calculation of 'TM8720'

DATA         SIZE  BEGIN

D CAL8722      1     576
     Topical modules calculation flag
     Calculation of 'TM8722'

D CAL8724      1     577
     Topical modules calculation flag
     Calculation of 'TM8724'

D CAL8726      1     578
     Topical modules calculation flag
     Calculation of 'TM8726'

D CAL8728      1     579
     Topical modules calculation flag
     Calculation of 'TM8728'

D CAL8748      1     580
     Topical modules calculation flag
     Calculation of 'TM8748'

D CAL8750      1     581
     Topical modules calculation flag
     Calculation of 'TM8750'

D CAL8752      1     582
     Topical modules calculation flag
     Calculation of 'TM8752'

D CALCAR1      1     583
     Topical modules calculation flag
     Calculation of 'TMCARVA1'

D CALCAR2      1     584
     Topical modules calculation flag
     Calculation of 'TMCARVA2'

D CALCAR3      1     585
     Topical modules calculation flag
     Calculation of 'TMCARVA3'

D CAL8780      1     586
     Topical modules calculation flag
     Calculation of 'TM8780'

D CAL8782      1     587
     Topical modules calculation flag
     Calculation of 'TM8782'

D CAL8784      1     588
     Topical modules calculation flag
     Calculation of 'TM8784'

D CAL8786      1     589
     Topical modules calculation flag
     Calculation of 'TM8786'

D FILLER       3     590
     Blank fields
```

SOURCE AND ACCURACY STATEMENT FOR THE 1990 PUBLIC USE FILES FROM THE SURVEY OF INCOME AND PROGRAM PARTICIPATION

SOURCE OF DATA

The data were collected in the 1990 panel of the Survey of Income and Program Participation (SIPP). The SIPP universe is the noninstitutionalized resident population living in the United States. The population includes persons living in group quarters, such as dormitories, rooming houses, and religious group dwellings. Crew members of merchant vessels, Armed Forces personnel living in military barracks, and institutionalized persons, such as correctional facility inmates and nursing home residents, were not eligible to be in the survey. Also, United States citizens residing abroad were not eligible to be in the survey. Foreign visitors who work or attend school in this country and their families were eligible; all others were not eligible to be in the survey. With the exceptions noted above, persons who were at least 15 years of age at the time of the interview were eligible to be in the survey.

The 1990 panel of the SIPP sample is located in 230 Primary Sampling Units (PSUs) each consisting of a county or a group of contiguous counties. Within these PSUs, expected clusters of 2 living quarters (LQs) were systematically selected from lists of addresses prepared for the 1980 decennial census to form the bulk of the sample. To account for LQs built within each of the sample areas after the 1980 census, a sample 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, small land areas were sampled and the LQs within were listed by field personnel and then clusters of 4 LQs were subsampled. In addition, sample LQs were selected from supplemental frames that included LQs identified as missed in the 1980 Census and persons residing in group quarters at the time of the Census.

The 1990 panel differs from the other panels as a result of oversampling for low income. The oversample was constructed by taking a small subsample from the 1989 panel, and combing it with the 1990 panel. Variables such as race, ethnicity, and sex were used for the oversampling since low income data for 1989 panel households were unavailable. The 1989 panel subsample contains all Black Headed Households, all Hispanic Headed Households, all Households with Heads having no spouse present, living with relatives, and a random sample of all the other Household types. The latter random sample was done in an attempt to avoid bias in the sample.

Approximately 28,300 living quarters were designated for the 1990 panel. For Wave 1 of the 1990 panel, interviews were obtained from the occupants of about 21,900 of the 28,300 designated living quarters. Most of the remaining 6,400 living quarters in the 1990 panel were found to be vacant, demolished, converted to nonresidential use, or otherwise ineligible for the survey. However, approximately 1,700 of the 6,400 living quarters in the 1990 panel were not interviewed because the occupants refused to be interviewed, could not be found at home, were temporarily absent, or were otherwise unavailable. Thus, occupants of about 93 percent of all eligible living quarters participated in Wave 1 of the Survey for the 1990 panel. Sample loss at Wave 1 of the 1990 Panel was about 7.1% and is expected to increase to roughly 22.0% at the end of Wave 8.

For Waves 2-8, only original sample persons (Those in Wave 1 sample households and interviewed in Wave 1) and persons living with them were eligible to be interviewed. With certain restrictions, original sample persons were to be followed if they moved to a new address. When original sample persons moved without leaving a forwarding address or moved to extremely remote parts of the country and no telephone number was available, additional noninterviews resulted.

Sample households within a given panel are divided into four subsamples of nearly equal size. These subsamples are called rotation groups 1, 2, 3, or 4 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 2 years beginning in February 1990. 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.

A unique feature of the SIPP design is overlapping panels. The overlapping design allows panels to be combined and essentially doubles the sample sizes. However, the 1990 panel is designed so that the first three waves do not overlap with other panels. (The 1988 and 1989 panels were prematurely terminated to provide the funding needed to enlarge the 1990 panel and allow oversampling to take place.) After the third wave, the 1990 panel overlaps with the 1991 panel. Selected interviews for the 1990 panel can be combined with interviews from the 1991 panel. Information necessary to do this is included later in this statement.

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 1990 and 1991 panel topical modules are given in tables 1 and 2 respectively.

Tables 3 and 4 indicate the reference months and interview months for the collection of data from each rotation group for the 1990 and 1991 panels respectively. For example, Wave 1 rotation group 2 of the 1990 panel was interviewed in February 1990 and data for the reference months October 1989 through January 1990 were collected.

Estimation. The estimation procedure used to derive SIPP person weights involved several stages of weight adjustments. Each person received a base weight equal to the inverse of his/her probability of selection. A noninterview adjustment factor was applied to the weight of every occupant of interviewed households to account for households which were eligible for the sample but were not interviewed. (Individual nonresponse within partially interviewed households was treated with imputation. No special adjustment was made for noninterviews in group quarters.) A factor was applied to each interviewed person's weight to account for the SIPP sample areas not having the same population distribution as the strata from which they were selected.

An additional stage of adjustment to persons' weights was performed to reduce the mean square error of the survey estimates by ratio adjusting SIPP sample estimates to monthly Current Population Survey (CPS) estimates[1] of the civilian (and some military) noninstitutional population of the United States by age, race, Spanish origin, sex, type of householder (married, single with relatives, single without relatives), and relationship to householder (spouse or other). The CPS estimates were themselves brought into agreement with estimates from the 1980 decennial census which were adjusted to reflect births, deaths, immigration, emigration, and changes in the Armed Forces since 1980. Also, an adjustment was made so that a husband and wife within the same household were assigned equal weights.

Use of Weights. Users should be forewarned to apply the appropriate weights given on this file before attempting to calculate estimates. The weights vary between units due to the oversampling that took place. If analysis is done for the general population without applying the appropriate weights, the results will be erroneous. Each household and each person within each household on each wave tape has five weights. Four of these 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. For example, using the proper weights, one can estimate the monthly average number of households in a specified income range over November and December 1990. To estimate monthly averages of a given measure (e.g., total, mean) over a number of consecutive months, sum the monthly estimates and divide by the number of months.

---

[1] These special CPS estimates are slightly different from the published monthly CPS estimates. The differences arise from forcing counts of husbands to agree with counts of wives.

The remaining weight is interview month specific. This weight can be used to form estimates that specifically refer to the interview month (e.g., total persons currently looking for work), as well as estimates referring to the time period including the interview month and all previous months (e.g., total persons who have ever served in the military).

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 1989 data is only available from rotations 2, 3, and 4 for Wave 1 of the 1990 panel (See table 3), so a factor of 4/3 (See Table 7) must be applied. To form an estimate for an interview month, use the procedure discussed above using the interview month weight provided on the file.

When estimates for months without four rotations worth of data are constructed from a wave file, factors greater than 1 must be applied. However, when core data from consecutive waves are used together, data from all four rotations may be available, in which case the factors are equal to 1.

These tapes contain no weight for characteristics that involve a person's or household's status over two or more months (e.g., number of households with a 50 percent increase in income between November and December 1990).

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

Producing Estimates for the Metropolitan Population. For Washington, DC and 11 states, metropolitan or non-metropolitan residence is identified (variable H*-METRO). In 34 additional states, where the non-metropolitan population in the sample was small enough to present a disclosure risk, a fraction of the metropolitan sample was recoded to be indistinguishable from non-metropolitan cases (H*-METRO=2). In these states, therefore, the cases coded as metropolitan (H*-METRO=1) represent only a subsample of that population.

In producing state estimates for a metropolitan characteristic, multiply the individual, family, or household weights by the metropolitan inflation factor for that state, presented in table 5. (This inflation factor compensates for the subsampling of the metropolitan population and is 1.0 for the states with complete identification of the metropolitan population.)

The same procedure applies when creating estimates for particular identified MSA's or CMSA's--apply the factor appropriate to the state. For multi-state MSA's, use the factor appropriate to each state part. For example, to tabulate data for the Washington, DC-MD-VA MSA, apply the Virginia factor of 1.0521 to weights for residents of the Virginia part of the MSA; Maryland and DC residents require no modification to the weights (i.e., their factors equal 1.0).

In producing regional or national estimates of the metropolitan population, it is also necessary to compensate for the fact that no metropolitan subsample is identified within two states (Mississippi and West Virginia) and one state-group (North Dakota - South Dakota - Iowa). Thus, factors in the right-hand column of table 5 should be used for regional and national estimates. The results of regional and national tabulations of the metropolitan population will be biased slightly. However, less than one-half of one percent of the metropolitan population is not represented.

Producing Estimates for the Non-Metropolitan Population. State, regional, and national estimates of the non-metropolitan population cannot be computed directly, except for Washington, DC and the 11 states where the factor for state tabulations in table 5 is 1.0. In all other states, the cases identified as not in the metropolitan subsample (METRO=2) are a mixture of non-metropolitan and metropolitan households. Only an indirect method of estimation is available: first compute an estimate for the total population, then subtract the estimate for the metropolitan population. The results of these tabulations will be slightly biased.

Combined Panel Estimates. Both the 1990 and 1991 panels provide data for October 1990-August 1992. Thus, estimates for these time periods may be obtained by combining the corresponding panels. However, since the Wave 1 questionnaire differs from the subsequent waves' questionnaire, we recommend that estimates not be obtained by combining Wave 1 data of the 1991 panel (collected February - May of 1991) with data of the 1990 panel. In this case, use the estimate obtained from either panel. Additionally, even for other waves, care should be taken when combining data from two panels since questionnaires for the two panels differ somewhat and since the length of time in sample for interviews from the two panels differ.

Combined panel estimates may be obtained either (1) by combining estimates derived separately for the two panels or (2) by first combining data from the two files and then producing an estimate.

1. <u>Combining Separate Estimates</u>

Corresponding estimates from two consecutive year panels can be combined to create joint estimates by using the formula

$$\hat{J} = W\hat{J}_1 + (1-W)\hat{J}_2 \tag{A}$$

$\hat{J}$ = joint estimate (total, mean, proportion, etc);

$\hat{J}_1$ = estimate from the earlier panel;

$\hat{J}_2$ = estimate from the later panel;

W = weighting factor of the earlier panel.

To combine the 1990 and 1991 panels use a W value of 0.608 unless one of the panels contributes no information to the estimate. In that case, the panel contributing information receives a factor of 1. The other receives a factor of zero.

2. <u>Combining Data from Separate Files</u>

Start by first creating a file containing the data from the two panel files. Apply the weighting factor, W, to the weight of each person from the earlier panel and apply (1-W) to the weight of each person from the later panel. Estimates can then be produced using the same methodology as used to obtain estimates from a single panel.

<u>Illustration for computing combined panel estimate.</u>

Suppose SIPP estimates for Wave 5 of the 1990 panel show that there were 441,000 households with monthly December income above $6000. Also, suppose SIPP estimates for Wave 2 of the 1991 panel show that there were 435,000 households with monthly December income above $6000. Using formula (A), the joint level estimate is

$$\hat{J} = (0.608)(441{,}000) + (0.392)(435{,}000)$$

$$= 438{,}648$$

ACCURACY OF THE ESTIMATES

SIPP estimates obtained from public use files 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. The magnitude of SIPP sampling error can be estimated, but this is not true of nonsampling error. Found below are descriptions of sources of SIPP nonsampling error, followed by discussions of sampling error, its estimation, and its use in data analysis. More detailed discussions of the existence and control of nonsampling errors in the SIPP can be found in the Quality Profile for the Survey of Income and Program Participation, May 1990, by Jabine, assisted by King and Petroni.

Nonsampling Variability. Nonsampling errors can be attributed to many sources, e.g., 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 collection such as in recording or coding the data, errors made in processing the data, errors made in estimating values for missing data, biases resulting from the differing recall periods caused by the rotation pattern used and failure to represent all units within the universe (undercoverage). Quality control and edit procedures were used to reduce errors made by respondents, coders and interviewers.

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 nonblacks. Ratio estimation to independent age-race-sex population controls partially corrects for the bias due to survey undercoverage. However, biases exist in the estimates to the extent that persons in missed households or missed persons in interviewed households have different characteristics than the interviewed persons in the same age-race-Spanish origin-sex group. Further, the independent population controls used have not be adjusted for undercoverage.

Some respondents do not respond to some of the questions. Therefore, the overall nonresponse rate for some items such as income and other money related items is higher than the nonresponse rates presented on page 2. The Bureau uses complex techniques to adjust the weights for nonresponse, but the success of these techniques in avoiding bias is unknown.

Comparability With Other Statistics. Caution should be exercised when comparing data from these files with data from other SIPP products or with data from other surveys. The comparability problems are caused by sources such as the seasonal patterns for many characteristics, definitional differences, and different nonsampling errors.

Sampling Variability. Standard errors indicate the magnitude of the sampling variability. 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.

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 parameters using sample estimates. The most common types of hypotheses tested are 1) the population parameters 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 parameters are different when, in fact, they are identical.

To perform the most common hypothesis test, compute the difference $X_A - X_B$, where X_A and X_B are sample estimates of the parameters of interest. A later section explains how to derive an estimate of the standard error of the difference $X_A - X_B$. Let that standard error be s_{DIFF}. If $X_A - X_B$ is between -1.6 times s_{DIFF} and +1.6 times s_{DIFF}, no conclusion about the parameters is justified at the 10 percent significance level. If on the other hand, $X_A - X_B$ is smaller than -1.6 times s_{DIFF} or larger than +1.6 times s_{DIFF}, the observed difference is significant at the 10 percent level. In this event, it is commonly accepted practice to say that the parameters are different. Of course, sometimes this conclusion will be wrong. When the parameters are, in fact, the same, there is a 10 percent chance of concluding that they are different.

Note when using small estimates. Because of the large standard errors involved, there is little chance that summary measures would reveal useful information when computed on a smaller base than 200,000. Also, care must be taken in the interpretation of small differences. For instance, in case of a borderline difference, even a small amount of nonsampling error can lead to a wrong decision about the hypotheses, thus distorting a seemingly valid hypothesis test.

Standard Error Parameters and Tables and Their Use. Most SIPP estimates have greater standard errors than those obtained through a simple random sample because clusters of living quarters are sampled. To derive standard errors that would be applicable to a wide variety of estimates and could be prepared at a moderate cost, a number of approximations were required. Estimates with similar standard error behavior were grouped together and two parameters (denoted "a" and "b") were developed to approximate the standard error behavior of each group of estimates. These "a" and "b" parameters are used in estimating standard errors and vary by type of estimate and by subgroup to which the estimate applies. Table 6 provides base "a" and "b" parameters to be used for estimates obtained from core data and for some estimates from topical module data. **These parameters are considered preliminary. Revised parameters are soon to follow.**

The factors provided in table 7 when multiplied by the base parameters of table 6 for a given subgroup and type of estimate give the "a" and "b" parameters for that subgroup and estimate type for the specified reference period. For example, the base "a" and "b" parameters for total number of households are -0.0000664 and 6,043, respectively. For Wave 1 the factor for October 1989 is 4.0000 since only 1 rotation month of data is available. So, the "a" and "b" parameters for total household income in October 1989 based on Wave 1 are -0.0002656 and 24,172, respectively. Also for Wave 1, the factor for the first quarter of 1990 is 1.2222 since 9 rotation months of data are available (rotations 1 and 4 provide 3 rotations months each, while rotations 2 and 3 provide 1 and 2 rotation months, respectively). So, the "a" and "b" parameters for total number of households in the first quarter of 1990 are -0.0000812 and 7,386, respectively for Wave 1.

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

For those users who wish further simplification, we have also provided preliminary general standard errors in tables 8 through 11 for making estimates with the use of data from all four rotations. Note that these standard errors must be adjusted by a factor (f) from table 6. 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. Standard errors provided in tables 8 through 11 will change when revised parameters are available.

For the 1990, 1991 combined panel parameters, multiply the parameters in table 6 by the forthcoming appropriate factor from table 15. The factors later provided in table 16 adjust parameters for the number of rotation months available for a given estimate. These factors, when multiplied by the combined panel parameters derived from table 6 for a given subgroup and type of estimate, give the "a" and "b" parameters for that subgroup and estimate type for the specified combined reference period.

For calculating 1990 topical module variances, table 12 is designated to later provide base "a" and "b" parameters. Table 13 also in the near future will provide base "a" and "b" parameters for computing the 1990, 1991 combined panel topical module variances. These parameters will also be provided when revised generalized variance parameters are available.

Procedures for calculating standard errors for the types of estimates most commonly used are described below. Note specifically that these procedures 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. Stratum codes and half sample codes are included on the tapes to enable the user to compute the variances directly by methods such as balanced repeated replications (BRR). William G. Cochran provides a list of references discussing the application of this technique. (See Sampling Techniques, 3rd Ed., New York: John Wiley and Sons, 1977, p. 321.)

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

It may be obtained by the use of the formula

$$s_x = fs \qquad (1)$$

where f is the appropriate "f" factor from table 6, and s is the standard error on the estimate obtained by interpolation from table 8 or 9. Alternatively, s_x may be approximated by the formula

$$s_x = \sqrt{ax^2 + bx} \qquad (2)$$

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

Illustration.

Suppose SIPP estimates for Wave 1 of the 1990 panel show that there were 472,000 households with monthly household income above $6,000. The appropriate parameters and factor from table 6 and the appropriate general standard error from table 8 are

$a = -0.0000664$ $\quad$ $b = 6{,}043$ $\quad$ $f = 1.00$ $\quad$ $s = 53{,}300$

Using formula 1, the approximate standard error is

$s_x = 53{,}300$

Using formula 2, the approximate standard error is

$$\sqrt{(-0.0000664)(472{,}000)^2 + (6{,}043)(472{,}000)} = 53{,}300$$

Using the standard error based on formula 2, the approximate 90-percent confidence interval as shown by the data is from 387,000 to 557,000. 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.

Illustration for computing standard errors for combined panel estimates. Will be provided when combining factors are available.

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 $\overline{x}$ is

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

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

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

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

$$s^2 = \sum_{j=1}^{c} p_j m_j^2 - \bar{x}^2, \tag{4}$$

where p_j is the estimated proportion of units in group j, and $m_j = (Z_{j-1} + Z_j)/2$. The most representative value of the item in group j is assumed to be m_j. If group c is open-ended, i.e., 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 variance is given by

$$s^2 = \frac{\sum_{i=1}^{n} w_i x_i^2}{\sum_{i=1}^{n} w_i} - \bar{x}^2 , \tag{5}$$

where there are n units with the item of interest and w_i is the final weight for unit i. The mean, $\bar{x}$, can be obtained from the formula

$$\overline{x} = \frac{\sum_{i=1}^{n} w_i x_i}{\sum_{i=1}^{n} w_i}.$$

When forming combined estimates using formula (A), s^2, given by formula (4), should be calculated by forming a distribution for each panel. The range of values for the item will be divided into intervals. Combined estimates for each interval can be obtained using formula (A). Formula (4) can be applied to the combined distribution. To calculate $\overline{x}$ and s^2 given by formula (5), replace x_i by Wx_i for x_i from the earlier panel and $(1-W)x_i$ for x_i from the later panel.

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 1988 is given in table 14.

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

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

Using formula 3, the appropriate base "b" parameter and factor from table 6, the estimated standard error of a mean $\overline{x}$ is

$$s_{\overline{x}} = \sqrt{\left(\frac{4,890}{39,851,000}\right)(3,159,887)} = \$20$$

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:

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

Standard Errors of Estimated Percentages. The reliability of an estimated percentage, computed using sample data for both numerator and denominator, depends upon both the size of the percentage and the size of the total upon which the percentage is based. Estimated percentages are relatively more reliable than the corresponding estimates of the numerators of the percentages, particularly if the percentages are 50 percent or more, e.g., the percent of people employed is more reliable than the estimated number of people employed. When the numerator and denominator of the percentage have different parameters, use the parameter (and appropriate factor) of the numerator. If proportions are presented instead of percentages, note that the standard error of a proportion is equal to the standard error of the corresponding percentage divided by 100.

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

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

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

when data from all four rotations are used to estimate p. In this formula, f is the appropriate "f" factor from table 6 and s is the standard error of the estimate from table 10 or 11.

Alternatively, it may be approximated by the formula

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

from which the standard errors in tables 10 and 11 were calculated. Here x is the size of the subclass of social units which is the base of the percentage, p is the percentage ($0<p<100$), 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 1990, 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 4,755 from table 6 and a factor of 1 for the month of January 1990 from table 7, the approximate standard error is

$$\sqrt{\frac{4{,}755}{(16{,}812{,}000)}\;(6.7)\;(100-6.7)} = 0.42\mathit{percent}$$

consequently, the 90 percent confidence interval as shown by these data is from 6.0 to 7.4 percent.

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

$$p_I = 100\;(X_A \,/\, X_N)$$

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

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

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

$$s_x = \sqrt{\left(\frac{\hat{p}_A \bar{x}_A}{\bar{x}_N}\right)^2 \left[\left(\frac{s_p}{\hat{p}_A}\right)^2 + \left(\frac{s_A}{\bar{x}_A}\right)^2 + \left(\frac{s_B}{\bar{x}_N}\right)^2\right]} \ , \qquad (9)$$

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

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

Illustration.

Suppose that in January 1990, 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 0.25%, $4678, and $2287. In total there are 86,790,000 households. Then, the percent of all household assets held in rental property is

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

Using formula (9), the appropriate standard error is

$$s_I = \sqrt{\left(\frac{(0.098)(72121)}{78734}\right)^2 \left[\left(\frac{0.0025}{0.098}\right)^2 + \left(\frac{4678}{72121}\right)^2 + \left(\frac{2287}{78734}\right)^2\right]}$$

$= 0.007$

$= 0.7\%$

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

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

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

Illustration.

Suppose that SIPP estimates show the number of persons age 35-44 years with monthly cash income of $4,000 to $4,999 was 3,186,000 in the month of January 1990 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 6 and formula 2, the standard errors of these numbers are approximately 124,000 and 112,000, respectively. The difference in sample estimates is 567,000 and, using formula 10, the approximate standard error of the difference is

$$\sqrt{(124{,}000)^2 + (112{,}000)^2} = 167{,}000$$

Suppose that it is desired to test at the 10 percent significance level whether the number of persons with monthly cash income of $4,000 to $4,999 was different for persons age 35-44 years than for persons age 25-34 years. To perform the test, compare the difference of 567,000 to the product 1.6 x 167,000 = 267,200. Since the difference is greater than 1.6 times the standard error of the difference, the data show that the two age groups are significantly different at the 10 percent significance level.

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

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

1. Determine, using either formula 7 or formula 8, the standard error of an estimate of 50 percent of the group;

2. Add to and subtract from 50 percent the standard error determined in step 1;

3. Using the distribution of the item within the group, calculate the quantity of the item such that the percent of the group owning more 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 owning more 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 own more is

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

if Pareto Interpolation is indicated and

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

if linear interpolation is indicated, where N is the size of the group,

A_1 and A_2	are the lower and upper bounds, respectively, of the interval in which X_{pN} falls,
N_1 and N_2	are the estimated number of group members owning more than A_1 and A_2, respectively,
exp	refers to the exponential function and
Ln	refers to the natural logarithm function.

<u>Illustration.</u>

To illustrate the calculations for the sampling error on a median, we return to table 14. The median monthly income for this group is $2,158. The size of the group is 39,851,000.

1. Using formula 8, the standard error of 50 percent on a base of 39,851,000 is about 0.6 percentage points.

2. Following step 2, the two percentages of interest are 49.4 and 50.6.

3. By examining table 14, we see that the percentage 49.4 falls in the income interval from 2000 to 2499. (Since 55.5% receive more than $2,000 per month, the dollar value corresponding to 49.4 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 bond of a 68% confidence interval for the median is

$$\$2,000 \exp\left[\left(Ln\left(\frac{(.494)(39,851,000)}{22,106,000}\right) \quad Ln\left(\frac{16,307,000}{22,106,000}\right)\right) Ln\left(\frac{2,500}{2,000}\right)\right] = \$2177$$

Also by examining table 14, we see that 50.6 falls in the same income interval. Thus, A_1, A_2, N_1 and N_2 are the same. We also use Pareto interpolation for this case. So the lower bound of a 68% confidence interval for the median is

$$\$2,000 \exp\left[\left(Ln\left(\frac{(.506)(39,851,000)}{22,106,000}\right) \quad Ln\left(\frac{16,307,000}{22,106,000}\right)\right) Ln\left(\frac{2,500}{2,000}\right)\right] = \$2137$$

Thus, the 68-percent confidence interval on the estimated median is from \$2137 to \$2177. An approximate standard error is

$$\frac{\$2177 - \$2137}{2} = \$20$$

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

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

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

SMD:DButler:sc:DBUT133

Table 1. 1990 Panel Topical Modules

Wave	Topical Module
1	None
2	Recipiency History Employment History Work Disability History Education and Training History Marital History Migration History Fertility History Household Relationships
3	Child Care Arrangements Child Support Agreements Support of Non-household Members Utilization of Health Care Services Functional Limitations & Disability Work Schedule
4	Assets & Liabilities Retirement Expectations & Pensions Plan Coverage Real Estate, Property, and Vehicles
5	Taxes Annual Income and Retirement Accounts School Enrollment and Financing
6	Child Support Agreements Support of Non-household Members Utilization of Health Care Services Functional Limitations & Disability Not in Labor Force Spells
7	Selected Financial Assets Medical Expenses & Work Disability Real Estate Shelter Costs Dependent Care Vehicles
8	Annual Income & Retirement Accounts Taxes School Enrollment & Financing

Table 2. 1991 Panel Topical Modules for Waves 1 through 5[1]

Wave	Topical Module
1	None
2	Welfare History Recipiency History Employment History Work Disability History Education and Training History Marital History Migration History Fertility History Household Relationships
3	Work Schedule Child Care Arrangements Child Support Agreements Support for Non-household Members Functional Limitations & Disability Utilization of Health Care Services
4	Selected Financial Assets Medical Expenses & Work Disability Real Estate Shelter Costs Dependent Care Vehicles
5	Taxes Annual Income and Retirement Accounts School Enrollment and Financing

1 Topical Modules for waves 6 through 8 are not yet available.

Table 3. Reference Months for Each Interview Month - 1990 Panel

		Reference Period																					
		4th Quarter (1989)			1st Quarter (1990)			2nd Quarter (1990)			3rd Quarter (1990)			4th Quarter (1990)			...	2nd Quarter (1992)			3rd Quarter (1992)		
Month of Interview	Wave/ Rotation	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		Apr	May	Jun	Jul	Aug	Sep
Feb 90	1/2	X	X	X	X																		
Mar	1/3		X	X	X	X																	
Apr	1/4			X	X	X	X																
May	1/1				X	X	X	X															
Jun	2/2					X	X	X	X														
Jul	2/3						X	X	X	X													
Aug	2/4							X	X	X	X												
Sept	2/1								X	X	X	X											
Oct	3/2									X	X	X	X										
Nov	3/3										X	X	X	X									
Dec	3/4											X	X	X	X								
.														.	.	.							
.																.	...						
.																	...	.					
Sept 92	8/1																		X	X	X	X	

Table 4. Reference Months for Each Interview Month - 1991 Panel

		Reference Period																					
		4th Quarter (1990)			1st Quarter (1991)			2nd Quarter (1991)			3rd Quarter (1991)			4th Quarter (1991)			...	2nd Quarter (1993)			3rd Quarter (1993)		
Month of Interview	Wave/ Rotation	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		Apr	May	Jun	Jul	Aug	Sep
Feb 91	1/2	X	X	X	X																		
Mar	1/3		X	X	X	X																	
Apr	1/4			X	X	X	X																
May	1/1				X	X	X	X															
Jun	2/2					X	X	X	X														
Jul	2/3						X	X	X	X													
Aug	2/4							X	X	X	X												
Sept	2/1								X	X	X	X											
Oct	3/2									X	X	X	X										
Nov	3/3										X	X	X	X									
Dec	3/4											X	X	X	X								
.														.	.	.							
.																.	...						
.																	...	.					
Sept 93	8/1																		X	X	X	X	

Table 5. Metropolitan Subsample Factors to be Applied to Compute National and Subnational Estimates

		Factors for use in State or CMSA (MSA) Tabulations	Factors for use in Regional or National Tabulations
Northeast:	Connecticut	1.0387	1.0387
	Maine	1.2219	1.2219
	Massachusetts	1.0000	1.0000
	New Hampshire	1.2234	1.2234
	New Jersey	1.0000	1.0000
	New York	1.0000	1.0000
	Pennsylvania	1.0096	1.0096
	Rhode Island	1.2506	1.2506
	Vermont	1.2219	1.2219
Midwest:	Illinois	1.0000	1.0110
	Indiana	1.0336	1.0450
	Iowa	---	---
	Kansas	1.2912	1.3055
	Michigan	1.0328	1.0442
	Minnesota	1.0366	1.0480
	Missouri	1.0756	1.0874
	Nebraska	1.6289	1.6468
	North Dakota	---	---
	Ohio	1.0233	1.0346
	South Dakota	---	---
	Wisconsin	1.0188	1.0300
South:	Alabama	1.1574	1.1595
	Arkansas	1.6150	1.6179
	Delaware	1.5593	1.5621
	D.C.	1.0000	1.0018
	Florida	1.0140	1.0158
	Georgia	1.0142	1.0160
	Kentucky	1.2120	1.2142
	Louisana	1.0734	1.0753
	Maryland	1.0000	1.0018
	Mississippi	---	---
	North Carolina	1.0000	1.0018
	Oklahoma	1.0793	1.0812
	South Carolina	1.0185	1.0203
	Tennessee	1.0517	1.0536
	Texas	1.0113	1.0131
	Virginia	1.0521	1.0540
	West Virginia	---	---

- indicates no metropolitan subsample is identified for the state

Table 5 cont'd. Metropolitan Subsample Factors to be Applied to Compute National and Subnational Estimates

		Factors for use in State or CMSA (MSA) Tabulations	Factors for use in Regional or National Tabulations
West:	Alaska	1.4339	1.4339
	Arizona	1.0117	1.0117
	California	1.0000	1.0000
	Colorado	1.1306	1.1306
	Hawaii	1.0000	1.0000
	Idaho	1.4339	1.4339
	Montana	1.4339	1.4339
	Nevada	1.0000	1.0000
	New Mexico	1.0000	1.0000
	Oregon	1.1317	1.1317
	Utah	1.0000	1.0000
	Washington	1.0456	1.0456
	Wyoming	1.4339	1.4339

- indicates no metropolitan subsample is identified for the state

Table 6: SIPP Generalized Variance Parameters for 1990 Panel Public Use File -- Preliminary *

Characteristics	Parameters a	b	f
TOTAL PERSONS			
16+ Program Participation and Benefits, Poverty (3)			
Both Sexes	-0.0000843	14344	0.90
Male	-0.0001772	14344	
Female	-0.0001604	14344	
16+ Income and Labor Force (5)			
Both Sexes	-0.0000287	4890	0.52
Male	-0.0000605	4890	
Female	-0.0000547	4890	
16+ Pension Plan ** (4)			
Both Sexes	-0.0000525	8956	0.71
Male	-0.0001108	8956	
Female	-0.0001001	8956	
All Others *** (6)			
Both Sexes	-0.0000771	17784	1.00
Male	-0.0001595	17784	
Female	-0.0001493	17784	
WHITE PERSONS			
16+ Program Participation and Benefits, Poverty (3)			
Both Sexes	-0.0000934	15898	0.95
Male	-0.0001964	15898	
Female	-0.0001778	15898	
16+ Income and Labor Force (5)			
Both Sexes	-0.0000318	5420	0.55
Male	-0.0000670	5420	
Female	-0.0000606	5420	
16+ Pension Plan ** (4)			
Both Sexes	-0.0000582	9926	0.75
Male	-0.0001228	9926	
Female	-0.0001110	9926	
All Others *** (6)			
Both Sexes	-0.0000855	19710	1.05
Male	-0.0001768	19710	
Female	-0.0001655	19710	

Table 6 cont'd. SIPP Generalized Variance Parameters for 1990 Panel Public Use File -- Preliminary *

Characteristics	Parameters		
BLACK PERSONS	a	b	f
Poverty (1)			
Both Sexes	-0.0003182	8843	0.71
Male	-0.0006793	8843	
Female	-0.0005987	8843	
All Others *** (2)			
Both Sexes	-0.0001723	4755	0.52
Male	-0.0003704	4755	
Female	-0.0003223	4755	
HISPANIC PERSONS			
Poverty (1)			
Both Sexes	-0.0000609	10374	0.76
Male	-0.0001282	10374	
Female	-0.0001160	10374	
All Others *** (2)			
Both Sexes	-0.0002294	4755	0.52
Male	-0.0004589	4755	
Female	-0.0006727	4755	
HOUSEHOLDS			
Total	-0.0000641	6043	1.00
White	-0.0000823	6698	1.05
Black	-0.0002888	3018	0.71
Hispanics	-0.0005290	3018	0.71

* For cross-tabulations, use the parameters of the characteristic with the smaller number within the parentheses.

** Use the "16+ Pension Plan" parameters for pension plan tabulations of persons 16+ in the labor force. Use the "All Others" parameters for retirement tabulations, 0+ program participation, 0+ benefits, 0+ income, and 0+ labor force tabulations, in addition to any other types of tabulations not specifically covered by another characteristic in this table.

*** Use the "All Others" parameter for any type of tabulation not specifically covered by another characteristic in this table.

Table 7. Factors to be Applied to Table 6 Base Parameters to Obtain Parameters for Various Reference Periods

# of available rotation months[1]	factor
Monthly estimate	
1	4.0000
2	2.0000
3	1.3333
4	1.0000
Quarterly estimate	
6	1.8519
8	1.4074
9	1.2222
10	1.0494
11	1.0370
12	1.0000

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

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

Size of Estimate	Standard Error[1]	Size of Estimate	Standard Error
200	35	15,000	275
300	43	25,000	331
500	55	30,000	349
750	67	40,000	368
1,000	77	50,000	369
2,000	109	60,000	351
3,000	132	70,000	312
5,000	169	80,000	242
7,500	204	90,000	78
10,000	232		

[1] To account for sample attrition, multiply the standard error of the estimate by 1.04 for estimates which include data from Wave 5 and beyond.

Table 9. Standard Errors of Estimated Numbers of Persons (Numbers in Thousands)

Size of Estimate	Standard Error	Size of Estimate	Standard Error
200	60	50,000	835
300	73	80,000	964
600	103	100,000	1005
1,000	133	130,000	1004
2,000	188	135,000	999
5,000	295	150,000	966
8,000	371	160,000	934
11,000	432	180,000	838
13,000	467	200,000	688
15,000	499	210,000	578
17,000	529	220,000	425
22,000	595	230,000	108
26,000	641		
30,000	681		

1 To account for sample attrition, multiply the standard error of the estimate by 1.04 for estimates which include data from Wave 5 and beyond.

Table 10. Standard Errors of Estimated Percentages of of Households Families or Unrelated Persons

Base of Estimated Percentage (Thousands)	Estimated Percentages[1]					
	≤ 1 or ≥ 99	2 or 98	5 or 95	10 or 90	25 or 75	50
200	1.73	2.43	3.79	5.20	7.50	8.70
300	1.41	1.99	3.09	4.26	6.20	7.10
500	1.09	1.54	2.40	3.30	4.76	5.50
750	0.89	1.26	1.96	2.69	3.89	4.49
1,000	0.77	1.09	1.69	2.33	3.37	3.89
2,000	0.55	0.77	1.20	1.65	2.38	2.75
3,000	0.45	0.63	0.98	1.35	1.94	2.24
5,000	0.35	0.49	0.76	1.04	1.51	1.74
7,500	0.28	0.40	0.62	0.85	1.23	1.42
10,000	0.24	0.34	0.54	0.74	1.06	1.23
15,000	0.20	0.28	0.44	0.60	0.87	1.00
25,000	0.15	0.22	0.34	0.47	0.67	0.78
30,000	0.14	0.20	0.31	0.43	0.61	0.71
40,000	0.12	0.17	0.27	0.37	0.53	0.61
50,000	0.11	0.15	0.24	0.33	0.48	0.55
60,000	0.10	0.14	0.22	0.30	0.43	0.50
80,000	0.09	0.12	0.19	0.26	0.38	0.43
90,000	0.08	0.11	0.18	0.25	0.35	0.41

[1] To account for sample attrition, multiply the standard error of the estimate by 1.04 for estimates which include data from Wave 5 and beyond.

Table 11. Standard Errors of Estimated Percentages of Persons

Base of Estimated Percentage (Thousands)	Estimated Percentages					
	≤ 1 or ≥ 99	2 or 98	5 or 95	10 or 90	25 or 75	50
200	2.97	4.17	6.50	9.00	12.90	14.90
300	2.42	3.41	5.31	7.30	10.50	12.20
600	1.71	2.41	3.75	5.20	7.50	8.60
1,000	1.33	1.87	2.91	4.00	5.80	6.70
2,000	0.94	1.32	2.06	2.83	4.08	4.71
5,000	0.59	0.83	1.30	1.79	2.58	2.98
8,000	0.47	0.66	1.03	1.41	2.04	2.36
11,000	0.40	0.56	0.88	1.21	1.74	2.01
13,000	0.37	0.52	0.81	1.11	1.60	1.85
17,000	0.32	0.45	0.70	0.97	1.40	1.62
22,000	0.28	0.40	0.62	0.85	1.23	1.42
26,000	0.26	0.37	0.57	0.78	1.13	1.31
30,000	0.24	0.34	0.53	0.73	1.05	1.22
50,000	0.19	0.26	0.41	0.57	0.82	0.94
80,000	0.15	0.21	0.32	0.45	0.65	0.75
100,000	0.13	0.19	0.29	0.40	0.58	0.67
130,000	0.12	0.16	0.25	0.35	0.51	0.58
220,000	0.09	0.13	0.20	0.27	0.39	0.45
230,000	0.09	0.12	0.19	0.26	0.38	0.44

1 To account for sample attrition, multiply the standard error of the estimate by 1.04 for estimates which include data from Wave 5 and beyond.

Table 12. 1990 Topical Module Generalized Variance Parameters

	a	b
Fertility		
# Females (16+)		
Total	-0.0000403	3,982
White	-0.0000526	4,414
Black	-0.0002431	2,878
Hispanic	-0.0006864	4,851
Births (16+ females)		
Total	-0.0000735	7,261
White	-0.0000960	8,048
Black	-0.0004432	5,248
Hispanic	-0.0012518	8,847
Educational Attainment (16+)		
Wave 2		
Total	-0.0000286	5,424
White	-0.0000372	6,012
Black	-0.0001810	3,921
Hispanic	-0.0002797	3,921
Wave 5		
Total	-0.0000312	5,913
White	-0.0000405	6,553
Black	-0.0001972	4,273
Hispanic	-0.0003048	4,273
Marital Status and Person's Family Characteristics		
Some HH members (16+)		
Total	-0.0000433	8,209
White	-0.0000563	9,098
Black	-0.0002738	5,933
Hispanic	-0.0004232	5,933
All HH members (0+)		
Total	-0.0000405	9,975
White	-0.0000534	11,055
Black	-0.0002374	7,209
Hispanic	-0.0003478	7,209

	a	b
Child Support (16+ females)		
Wave 3		
Total	-0.0000612	6,043
White	-0.0000799	6,698
Black	-0.0003698	4,368
Hispanic	-0.0006180	4,368
Wave 6		
Total	-0.0000667	6,587
White	-0.0000871	7,301
Black	-0.0004021	4,761
Hispanic	-0.0006736	4,761
Support for non-household members (16+)		
Wave 3		
Total	-0.0000319	6,043
White	-0.0000414	6,698
Black	-0.0002016	4,368
Hispanic	-0.0003116	4,368
Wave 6		
Total	-0.0000347	6,587
White	-0.0000452	7,301
Black	-0.0002198	4,761
Hispanic	-0.0003396	4,761
Health and Disability (0+)		
Total	-0.0000318	7,818
White	-0.0000419	8,666
Black	-0.0001861	5,651
Hispanic	-0.0002727	5,651
0-15 Child Care		
Wave 3		
Total	-0.0000867	4,890
White	-0.0001195	5,420
Black	-0.0004064	3,535
Hispanic	-0.0008883	5,956
Wave 6		
Total	-0.0000945	5,331
White	-0.0001303	5,908
Black	-0.0004430	3,853
Hispanic	-0.0009682	6,492

	a	b
Welfare History and AFDC		
Both Sexes 18+		
Total	-0.0000783	14,344
White	-0.0001016	15,898
Black	-0.0005025	10,367
Hispanic	-0.0007784	10,367
Males 18+		
Total	-0.0001638	14,344
White	-0.0002112	15,898
Black	-0.0011083	10,367
Hispanic	-0.0015697	10,367
Females 18+		
Total	-0.0001501	14,344
White	-0.0001959	15,898
Black	-0.0009194	10,367
Hispanic	-0.0015441	10,367

Table 13. Distribution of Monthly Cash Income Among Persons 25 to 34 years old

	Total	under $300	$300 to $599	$600 to $899	$900 to $1,199	$1,200 to $1,499	$1,500 to $1,999	$2,000 to $2,499	$2,500 to $2,999	$3,000 to $3,499	$3,500 to $3,999	$4,000 to $4,999	$5,000 to $5,999	$6,000 and over
Thousands in interval	39,851	1371	1651	2259	2734	3452	6278	5799	4730	3723	2519	2619	1223	1493
Percent with at least as much as lower bound of interval	--	100.0	96.6	92.4	86.7	79.9	71.2	55.5	40.9	29.1	19.7	13.4	6.8	3.7

Table 14. **Factors to be Applied to Base Parameters to Obtain Combined Panel Parameters for Estimates[1] from Various Reference Periods.**

# of avaialble rotation months for 2 panels combined[2]	factor
Monthly Estimate	
2	4.0000
3	3.0000
4	2.0000
5	1.6667
6	1.3333
7	1.1667
8	1.0000
Quarterly Estimates	
12	1.8519
15	1.5631
18	1.2222
19	1.1470
24	1.0000
Annual Estimates	
96	1.0000

[1] Estimates are based on monthly averages.

[2] The number of available rotation months for a given estimate is the sum of the number of rotations available for each month of the estimate for the two panels. There must be at least one rotation month available for each month from each panel for monthly and quarterly estimates.

APPENDIX A-1

Income Source Code List

Code Income Sources

1 - Social Security
2 - U.S. Government Railroad Retirement pay
3 - Federal Supplemental Security Income (SSI)
5 - State unemployment compensation
6 - Supplemental Unemployment Benefits
7 - Other unemployment compensation (Trade Adjustment Act benefits, strike pay, other)
8 - Veterans compensation or pensions
10 - Worker's compensation
12 - Employer or union temporary sickness policy
13 - Payments from a sickness, accident or disability insurance policy purchased on your own
20 - Aid to Families with Dependent Children (AFDC, ADC)
21 - General assistance or General relief
23 - Foster child care payments
24 - Other welfare
25 - WIC (Women, Infants and Children) Nutrition Program
27 - Food stamps
28 - Child support payments
29 - Alimony payments
30 - Pension from company or union
31 - Federal Civil Service or other Federal civilian employee pensions
32 - U.S. Military retirement pay
34 - State government pensions
35 - Local government pensions
36 - Income from paid-up life insurance policies or annuities
37 - Estates and trusts
38 - Other payments for retirement, disability or survivor
40 - G.I. Bill/VEAP education benefits
41 - Other VA educational assistance
50 - Income assistance from a charitable group
51 - Money from relatives or friends
52 - Lump sum payments
53 - Income from roomers or boarders
54 - National Guard or Reserve pay
55 - Incidental or casual earnings
56 - Other cash income not included elsewhere
75 - Categories combined and recoded for confidentiality reasons
    State Administered Supplemental Security Income (old code 4)
    Black lung payments (old code 9)
    State temporary sickness or disability benefits (old code 11)
    Indian, Cuban, or Refugee Assistance (old code 22)
    National Guard or Reserve Force retirement (old code 33)

Code Asset List

100 - Regular/passbook savings accounts in a bank, savings and loan or credit union
101 - Money market deposit accounts
102 - Certificates of Deposit or other savings certificates
103 - NOW, Super NOW or other interest earning checking accounts
104 - Money market funds
105 - U.S. Government securities
106 - Municipal or corporate bonds
107 - Other interest-earning assets
110 - Stocks or mutual fund shares
120 - Rental property
130 - Mortgages
140 - Royalties
150 - Other financial investments

Code Special Indicators

170 - Worked
171 - Disabled
172 - Medicare
173 - Medicaid
174 - U.S. Saving Bonds (E, EE)
175 - College Work Study
176 - PELL Grant
177 - Supplemental Educational Opportunity Grant (SEOG)
178 - National Direct Student Loan (NSL)
179 - Guaranteed Student Loan
180 - JTPA Training
181 - Employer assistance
182 - Fellowship/Scholarship
183 - Other financial aid
200 - VA disability rating of 100%
201 - VA disibility of less than 100%

APPENDIX A-2

Income Sources Included in Monthly Cash Income

Earnings from Employment

Wages and salaries
Nonfarm self-employment income
Farm self-employment income

Income from Assets (Property Income)

Regular/passbook savings accounts in a bank, savings and loan or credit union
Money market deposit accounts
Certificates of Deposit or other savings certificates
NOW, Super NOW or other interest-earning checking accounts
Money market funds
U.S. Government securities
Municipal or corporate bonds
Other interest-earning assets
Stocks or mutual fund shares
Rental property
Mortgages
Royalties
Other financial investments

Other Income Sources

Social Security
U.S. Government Railroad Retirement pay
Federal Supplemental Security Income (SSI)
State Administered Supplemental Security Income
State unemployment compensation
Supplemental Unemployment Benefits
Other unemployment compensation (Trade Adjustment Act benefits, strike pay, other)
Veterans compensation or pensions
Black lung payments
Worker's compensation
State temporary sickness or disability benefits
Payments from a sickness, accident or disability insurance policy purchased on your own
Aid to Families with Dependent Children (AFDC, ADC)
General Assistance or General Relief
Indian, Cuban, or Refugee Assistance
Foster child care payments
Other welfare
Child support payments
Alimony payments
Pension from company or union
Federal Civil Service or other Federal civilian employee pensions
U.S. Military retirement pay
National Guard or Reserve Forces retirement
State government pensions
Local government pensions
Income from paid-up life insurance policies or annuities
Estates and trusts

Other payments for retirement, disability or survivor benefits
G.I. Bill/VEAP education benefits
Income assistance from a charitable group
Money from relatives or friends
Lump sum payments
Income from roomers or boarders
National Guard or Reserve pay
Incidental or casual earnings
Other cash income not included elsewhere

APPENDIX A-3

Sources of Means-Tested Benefits Covered in SIPP

Cash Benefits

Federal Supplemental Security Income (SSI)
State Administered Supplemental Security Income
Veterans' pensions
Aid to Families with Dependent Children (AFDC, ADC)
General Assistance or General Relief
Indian, Cuban, or Refugee Assistance
Other welfare
Foster child care payments

Noncash Benefits

Food Stamps
Special Supplemental Food Program for Women, Infants, and Children (WIC)
Low-Income Home Energy Assistance
Medicaid
Free or reduced price school lunches
Free or reduced price school breakfasts
Public or subsidized rental housing

APPENDIX A-4

1980 Census of Population Occupation Classification System

(The numbers in parentheses refer to the 1980 Standard Occupational Classification code equivalents. Pt means part. N.e.c. means not elsewhere classified.)

MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS

1980 Code

Executive, Administrative, and Managerial Occupations

003 Legislators (111)
004 Chief executives and general administrators, public administration (112)
005 Administrators and officials, public administration (1132-1139)
006 Administrators, protective services (1131)
007 Financial managers (122)
008 Personnel and labor relations managers (123)
009 Purchasing managers (124)
013 Managers, marketing, advertising, and public relations (125)
014 Administrators, education and related fields (128)
015 Managers, medicine and health (131)
016 Managers, properties and real estate (1353)
017 Postmasters and mail superintendents (1344)
018 Funeral directors (pt 1359)
019 Managers and administrators, n.e.c. (121, 126, 127, 132-139, exc. 1344, 1353, pt 1359)
Management related occupations
023 Accountants and auditors (1412)
024 Underwriters (1414)
025 Other financial officers (1415, 1419)
026 Management analysts (142)
027 Personnel, training, and labor relations specialists (143)
028 Purchasing agents and buyers, farm products (1443)
029 Buyers, wholesale and retail trade except farm products (1442)
033 Purchasing agents and buyers, n.e.c. (1449)
034 Business and promotion arents (145)
035 Construction inspectors (1472)
036 Inspectors and compliance officers, exc. construction (1473)
037 Management related occupations, n.e.c. (149)

Professional Specialty Occupations

Engineers, Architects, and Surveyors
043 Architects (161)
Engineers
044 Aerospace (1622)
045 Metallurgical and materials (1623)
046 Mining (1624)
047 Petroleum (1625)
048 Chemical (1626)
049 Nuclear (1627)
053 Civil (1628)
054 Agricultural (1632)
055 Electrical and electronic (1633, 1636)
056 Industrial (1634)
057 Mechanical (1635)

058	Marine and naval architects (1637)
059	Engineers, n.e.c. (1639)
063	Surveyors and mapping scientists (164)
	Mathematical and Computer Scientists
064	Computer systems analysts and scientists (171)
065	Operations and systems researchers and analysts (172)
066	Actuaries (1732)
067	Statisticians (1733)
068	Mathematical scientists, n.e.c. (1739)
	Natural Scientists
069	Physicists and astronomers (1842, 1843)
073	Chemists, except biochemists (1845)
074	Atmospheric and space scientists (1846)
075	Geologists and geodesists (1847)
076	Physical scientists, n.e.c. (1849)
077	Agricultural and food scientists (1853)
078	Biological and life scientists (1854)
079	Forestry and conservation scientists (1852)
083	Medical scientists (1855)
	Health Diagnosing Occupations
084	Physicians (261)
085	Dentists (262)
086	Veterinarians (27)
087	Optometrists (281)
088	Podiatrists (283)
089	Health diagnosing practitioners, n.e.c. (289)
	Health Assessment and Treating Occupations
095	Registered nurses (29)
096	Pharmacists (301)
097	Dietitians (302)
	Therapists
098	Inhalation therapists (3031)
099	Occupational therapists (3032)
103	Physical therapists (3033)
104	Speech therapists (3034)
105	Therapists, n.e.c. (3039)
106	Physicians' assistants (304)
	Teachers, Postsecondary
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	Mathematical science teachers (2227)
129	Computer science teachers (2228)
133	Medical science teachers (2231)
134	Health specialties teachers (2232)
135	Business, commerce, and marketing teachers (2233)
136	Agriculture and forestry teachers (2234)

137 Art, drama, and music teachers (2235)
138 Physical education teachers (2236)
139 Education teachers (2237)
143 English teachers (2238)
144 Foreign language teachers (2242)
145 Law teachers (2243)
146 Social work teachers (2244)
147 Theology teachers (2245)
148 Trade and industrial teachers (2246)
149 Home economics teachers (2247)
153 Teachers, postsecondary, n.e.c. (2249)
154 Postsecondary teachers, subject not specified
Teachers, Except Postsecondary
155 Teachers, prekindergarten and kindergarten (231)
N(156) Teachers, elementary school (232)
P(157) Teachers, secondary school (233)
158 Teachers, special education (235)
159 Teachers, n.e.c. (236, 239)
163 Counselors, educational and vocational (24)
Librarians, Archivists, and Curators
164 Librarians (251)
165 Archivists and curators (252)
Social Scientists and Urban Planners
166 Economists (1912)
167 Psychologists (1915)
168 Sociologists (1916)
169 Social scientists, n.e.c. (1913, 1914, 1919)
173 Urban planners (192)
Social, Recreation, and Religious Workers
174 Social workers (2032)
175 Recreation workers (2033)
176 Clergy (2042)
177 Religious workers, n.e.c. (2049)
Lawyers and Judges
178 Lawyers (211)
179 Judges (212)
Writers, Artists, Entertainers, and Athletes
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 related workers, n.e.c. (328, 329)
195 Editors and reporters (331)
197 Public relations specialists (332)
198 Announcers (333)
199 Athletes (34)

TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS

Technicians and Related Support Occupations

Health Technologists and Technicians
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)
Technologists and Technicians, Except Health
Engineering and Related Technologists and Technicians
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)
Science Technicians
223 Biological technicians (382)
224 Chemical technicians (3831)
225 Science technicians, n.e.c. (3832, 3833, 384, 389)
Technicians; Except Health, Engineering, and Science
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)

Sales Occupations

243 Supervisors and proprietors, sales occupations (40)
Sales Representatives, Finance and Business Services
253 Insurance sales occupations (4122)
254 Real estate sales occupations (4123)
255 Securities and financial services sales occupations (4124)
256 Advertising and related sales occupations (4153)
257 Sales occupations, other business services (4152)
Sales Representatives, Commodities Except Retail
258 Sales engineers (421)
259 Sales representatives, mining, manufacturing, and wholesale (423, 424)
Sales Workers, Retail and Personal Services
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)
Q(276) Cashiers (4364)
277 Street and door-to-door sales workers (4366)

278 News vendors (4365)
Sales Related Occupations
283 Demonstrators, promoters and models, sales (445)
284 Auctioneers (447)
285 Sales support occupations, n.e.c. (444, 446, 449)

Administrative Support Occupations, Including Clerical

Supervisors, Administrative Support Occupations
303 Supervisors, general office (4511, 4513, 4514, 4516, 4519, 4529)
304 Supervisors, computer equipment operators (4512)
305 Supervisors, financial records processing (4521)
306 Chief communications operators (4523)
307 Supervisors; distribution, scheduling, and adjusting clerks (4522, 4524-4528)
Computer Equipment Operators
308 Computer operators (4612)
309 Peripheral equipment operators (4613)
Secretaries, Stenographers,and Typists
R(313) Secretaries (4622)
314 Stenographers (4623)
315 Typists (4624)
Information Clerks
316 Interviewers (4642)
317 Hotel clerks (4643)
318 Transportation ticket and reservation agents (4644)
319 Receptionists (4645)
323 Information clerks, n.e.c. (4649)
Records Processing Occupations, Except Financial
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)
Financial Records Processing Occupations
S(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)
Duplicating, Mail and Other Office Machine Operators
345 Duplicating machine operators (4722)
346 Mail preparing and paper handling machine operators (4723)
347 Office machine operators, n.e.c. (4729)
Communications Equipment Operators
348 Telephone operators (4732)
349 Telegraphers (4733)
353 Communications equipment operators, n.e.c. (4739)
Mail and Message Distributing Occupations
354 Postal clerks, exc. mail carriers (4742)
355 Mail carriers, postal service (4743)
356 Mail clerks, exc. postal service (4744)
357 Messengers (4745)
Material Recording, Scheduling, and Distributing Clerks
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, and checkers (4756)
369 Samplers (4757)
373 Expediters (4758)
374 Material recording, scheduling, and distributing clerks, n.e.c. (4759)
Adjusters and Investigators
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)
Miscellaneous Administrative Support Occupations
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)

SERVICE OCCUPATIONS

Private Household Occupations

403 Launderers and ironers (503)
404 Cooks, private household (504)
405 Housekeepers and butlers (505)
406 Child care workers, private household (506)
T(407) Private household cleaners and servants (502, 507, 509)

Protective Service Occupations

Supervisors, Protective Service Occupations
413 Supervisors, firefighting and fire prevention occupations (5111)
414 Supervisors, police and detectives (5112)
415 Supervisors, guards (5113)
Firefighting and Fire Prevention Occupations
416 Fire inspection and fire prevention occupations (5122)
417 Firefighting occupations (5123)
Police and Detectives
418 Police and detectives, public service (5132)
423 Sheriffs bailiffs, and other law enforcement officers (5134)
424 Correctional institution officers (5133)
Guards
425 Crossing guards (5142)
426 Guards and police, exc. public service (5144)
427 Protective service occupations, n.e.c. (5149)

Service Occupations, Except Protective and Household

Food Preparation and Service Occupations
433 Supervisors, food preparation and service occupations (5211)
434 Bartenders (5212)
U(435) Waiters and waitresses (5213)

436 Cooks, except short order (5214)
437 Short-order cooks (5215)
438 Food counter, fountain and related occupations (5216)
439 Kitchen workers, food preparation (5217)
443 Waiters'/waitresses' assistants (5218)
444 Miscellaneous food preparation occupations (5219)
Health Service Occupations
445 Dental assistants (5232)
446 Health aides, except nursing (5233)
447 Nursing aides, orderlies, and attendants (5236)
Cleaning and Building Service Occupations, except Household
448 Supervisors, cleaning and building service workers (5241)
449 Maids and housemen (5242, 5249)
V(453) Janitors and cleaners (5244)
454 Elevator operators (5245)
455 Pest control occupations (5246)
Personal Service Occupations
456 Supervisors, personal service occupations (5251)
457 Barbers (5252)
458 Hairdressers and cosmetologists (5253)
459 Attendants, amusement and recreation facilities (5254)
463 Guides (5255)
464 Ushers (5256)
465 Public transportation attendants (5257)
466 Baggage porters and bellhops (5262)
467 Welfare service aides (5263)
468 Child care workers,except private household (5264)
469 Personal service occupations, n.e.c. (5258, 5269)

FARMING, FORESTRY, AND FISHING OCCUPATIONS

Farm Operators and Managers

W(473) Farmers, except horticultural (5512-5514)
474 Horticultural specialty farmers (5515)
475 Managers, farms, except horticultural (5522-5524)
476 Managers, horticultural specialty farms (5525)

Other Agricultural and Related Occupations

Farm Occupations, Except Managerial
477 Supervisors, farm workers (5611)
479 Farm workers (5612-5617)
483 Marine life cultivation workers (5618)
484 Nursery workers (5619)
Related Agricultural Occupations
485 Supervisors, related 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)

Forestry and Logging Occupations

494 Supervisors, forestry, and logging workers (571)
495 Forestry workers, except logging (572)
496 Timber cutting and logging occupations (573, 579)

Fishers, Hunters, and Trappers

497 Captains and other officers, fishing vessels (pt 8241)
498 Fishers (583)
499 Hunters and trappers (584)

PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS

Mechanics and Repairers

503 Supervisors, mechanics and repairers (60)
Mechanics and Repairers, Except Supervisors
Vehicle and Mobile Equipment Mechanics and Repairers
X(505) Automobile mechanics (pt 6111)
506 Automobile mechanic apprentices (pt 6111)
507 Bus, truck, and stationary engine mechanics (6112)
508 Aircraft engine mechanics (6113)
509 Small engine repairers (6114)
514 Automobile body and related repairers (6115)
515 Aircraft mechanics, exc. engine (6116)
516 Heavy equipment mechanics (6117)
517 Farm equipment mechanics (6118)
518 Industrial machinery repairers (613)
519 Machinery maintenance occupations (614)
Electrical and Electronic Equipment Repairers
523 Electronic repairers, communications and industrial equipment (6151, 6153, 6155)
525 Data processing equipment repairers (6154)
526 Household 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 (6161)
Miscellaneous Mechanics and Repairers
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

Construction Trades

Supervisors, construction occupations
553 Supervisors; brickmasons, stonemasons, and tile setters (6312)
554 Supervisors, carpenters and related 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, n.e.c. (6311, 6318)
	Construction Trades, Except Supervisors
563	Brickmasons and stonemasons (pt 6412, pt 6413)
564	Brickmason and stonemason apprentices (pt 6412, pt 6413)
565	Tile setters, hard and soft (6414, pt 6462)
566	Carpet installers (pt 6462)
Y(567)	Carpenters (pt 6422)
569	Carpenter apprentices (pt 6422)
573	Drywall installers (6424)
575	Electricians (pt 6432)
576	Electrician apprentices (pt 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 (pt 645)
587	Plumber, pipefitter, and steamfitter apprentices (pt 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)
	Extractive Occupations
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)
	Precision Production Occupations
633	Supervisors, production occupations (67, 71)
	Precision Metal Working Occupations
634	Tool and die makers (pt 6811)
635	Tool and die maker apprentices (pt 6811)
636	Precision assemblers, metal (6812)
637	Machinists (pt 6813)
639	Machinist apprentices (pt 6813)
643	Boilermakers (6814)
644	Precision grinders, filers, and tool sharpeners (6816)
645	Patternmakers and model makers, metal (6817)
646	Lay-out workers (6821)
647	Precious stones and metals workers (Jewelers) (6822, 6866)
649	Engravers, metal (6823)
653	Sheet metal workers (pt 6824)
654	Sheet metal worker apprentices (pt 6824)
655	Miscellaneous precision metal workers (6829)
	Precision Woodworking Occupations
656	Patternmakers and model makers, wood (6831)
657	Cabinet makers and bench carpenters (6832)
658	Furniture and wood finishers (6835)
659	Miscellaneous precision woodworkers (6839)
	Precision Textile, Apparel, and Furnishings Machine Workers
666	Dressmakers (pt 6852, pt 7752)

667 Tailors (pt 6852)
668 Upholsterers (6853)
669 Shoe repairers (6854)
673 Apparel and fabric patternmakers (6856)
674 Miscellaneous precision apparel and fabric workers (6859, pt 7752)
Precision Workers, Assorted Materials
675 Hand molders and shapers, except jewelers (6861)
676 Patternmakers, lay-out workers, and cutters (6862)
677 Optical goods workers (6864, pt 7477, pt 7677)
678 Dental laboratory and medical appliance technicians (6865)
679 Bookbinders (6844)
683 Electrical and electronic equipment assemblers (6867)
684 Miscellaneous precision workers, n.e.c. (6869)
Precision Food Production Occupations
686 Butchers and meat cutters (6871)
687 Bakers (6872)
688 Food batchmakers (6873, 6879)
Precision Inspectors, Testers, and Related Workers
689 Inspectors, testers, and graders (6881, 828)
693 Adjusters and calibrators (6882)
Plant and System Operators
694 Water and sewage treatment plant operators (691)
695 Power plant operators (pt 693)
696 Stationary engineers (pt 693, 7668)
699 Miscellaneous plant and system operators (692, 694, 695, 696)

OPERATORS, FABRICATORS, AND LABORERS

Machine Operators, Assemblers, and Inspectors

Machine Operators and Tenders, except Precision
Metal working and Plastic Working Machine Operators
703 Lathe and turning machine set-up operators (7312)
704 Lathe and turning machine operators (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)
Metal and Plastic Processing Machine Operators
719 Molding and casting machine operators (7315, 7342, 7515, 7542)
723 Metal plating machine operators (7343, 7543)
724 Heat treating equipment operators (7344, 7544)
725 Miscellaneous metal and plastic processing machine operators (7349, 7549)
Woodworking Machine Operators
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)

Printing Machine Operators
734 Printing machine operators (7443, 7643)
735 Photoengravers and lithographers (6842, 7444, 7644)
736 Typesetters and compositors (6841, 7642)
737 Miscellaneous printing machine operators (6849, 7449, 7649)
Textile, Apparel, and Furnishings Machine Operators
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)
Machine Operators, Assorted Materials
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, exc. food (7675)
768 Crushing and grinding machine operators (pt 7477, pt 7677)
769 Slicing and cutting machine operators (7478, 7678)
773 Motion picture projectionists (pt 7479)
774 Photographic process machine operators (6863, 6868, 7671)
777 Miscellaneous machine operators, n.e.c. (pt 7479, 7665, 7679)
779 Machine operators, not specified
Fabricators, Assemblers, and Hand Working Occupations
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)
794 Hand grinding and polishing occupations (7758)
795 Miscellaneous hand working occupations (7759)
Production Inspectors, Testers, Samplers, and Weighers
796 Production inspectors, checkers, and examiners (782, 787)
797 Production testers (783)
798 Production samplers and weighers (784)
799 Graders and sorters, exc. agricultural (785)

Transportation and Material Moving Occupations

Motor Vehicle Operators
803 Supervisors, motor vehicle operators (8111)
804) Truck drivers, heavy (8212, 8213)
805 Truck drivers, light (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)
	Transportation Occupations, Except Motor Vehicles
	Rail Transportation Occupations
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)
	Water Transportation Occupations
828	Ship captains and mates, except fishing boats (pt 8241, 8242)
829	Sailors and deckhands (8243)
833	Marine engineers (8244)
834	Bridge, lock, and lighthouse tenders (8245)
	Material Moving Equipment Operators
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	Miscellaneous material moving equipment operators (8319)

Handlers, Equipment Cleaners, Helpers, and Laborers

863	Supervisors, handlers, equipment cleaners, and laborers, n.e.c. (85)
864	Helpers, mechanics and repairers (863)
	Helpers, Construction and Extractive Occupations
865	Helpers, construction trades (8641-8645, 8648)
866	Helpers, surveyor (8646)
867	Helpers, extractive occupations (865)
869	Construction laborers (871)
873	Production helpers (861, 862)
	Freight, Stock, and Material Handlers
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 related occupations (873)
887	Vehicle washers and equipment cleaners (875)
888	Hand packers and packagers (8761)
889	Laborers, except construction (8769)
905	Member of the Armed Forces

APPENDIX A-5

1980 Census of Population Industry Classification System

(Alphabets parentheses are the 1972 SIC code equivalents [1])

Census
Code

AGRICULTURE, FORESTRY, AND FISHERIES

010 (A) Agricultural production, crops (01)
011 Agricultural production, livestock (02)
020 Agricultural services, except horticultural (07, except 078)
021 Horticultural services (078)
030 Forestry (08)
031 Fishing, hunting, and trapping (09)

MINING

040 Metal mining (10)
041 Coal mining (11, 12)
042 Crude petroleum and natural gas extraction (13)
050 Nonmetallic mining and quarrying, except fuel (14)

060 (B) **CONSTRUCTION** (15, 16, 17)

MANUFACTURING

Nondurable Goods

Food and kindred products
100 Meat products (201)
101 Dairy products (202)
102 Canned 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)
Textile mill products
132 Knitting mills (225)
140 Dyeing and finishing textiles, except wool and knit goods (226)
141 Floor coverings, except hard surface (227)
142 Yarn, thread, and fabric mills (221-224, 228)
150 Miscellaneous textile mill products (229)

1 See Executive Office of the President, Office of Management and Budget, Standard Industrial Classification Manual, 1972 and the 1977 Supplement.

	Apparel and other finished textile products
151	Apparel and accessories, except knit (231-238)
152	Miscellaneous fabricated textile products (239)
	Paper and allied products
160	Pulp, paper, and paperboard mills (261-263, 266)
161	Miscellaneous paper and pulp products (264)
162	Paperboard containers and boxes (265)
	Printing, publishing, and allied industries
171 (C)	Newspaper publishing and printing (271)
172	Printing, publishing, and allied industries, except newspapers (272-279)
	Chemicals and allied products
180	Plastics, synthetics, and resins (282)
181	Drugs (283)
182	Soaps and cosmetics (284)
190	Paints, varnishes, and related products (287)
191	Agricultural chemicals (287)
192	Industrial and miscellaneous chemicals (281, 286, 289)
	Petroleum and coal products
200	Petroleum refining (291)
201	Miscellaneous petroleum and coal products (295, 299)
	Rubber and miscellaneous plastics products
210	Tires and inner tubes (301)
211	Other rubber products, and plastics footwear and belting (302-304, 306)
212	Miscellaneous plastics products (307)
	Leather and leather products
220	Leather tanning and finishing (311)
221	Footwear, except rubber and plastic (313, 314)
222	Leather products, except footwear (315-317, 319)

Durable Goods

	Lumber and wood products, except furniture
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)
	Stone, clay, glass, and concrete products
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).
	Metal industries
270	Blast furnaces, steelworks, rolling and finishing mills (331)
271	Iron and steel foundries (332)
272	Primary aluminum industries (3334, part 334, 3353-3355, 3361)
280	Other primary metal industries (3331-3333, 3339, part 334, 3351, 3356, 3357, 3362, 3369, 339)
281	Cutlery, handtools, and other hardware (342)
282	Fabricated structural metal products (344)
290	Screw machine products (345)
291	Metal forgings and stampings (346)
292	Ordnance (348)

300 Miscellaneous fabricated metal products (341, 343, 347, 349)
301 Not specified metal industries
Machinery, except electrical
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 (357, except 3573)
322 Electronic computing equipment (3573)
331 Machinery, except electrical, n.e.c. (355, 356, 358, 359)
332 Not specified machinery
Electrical machinery, equipment, and supplies
340 Household appliances (363)
341 Radio, T.V., 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
Transportation equipment
351 Motor vehicles and motor vehicle equipment (371)
352 Aircraft and parts (372)
360 Ship and boat building and repairing (373)
361 Railroad locomotives and equipment (374)
362 Guided missiles, space vehicles, and parts (376)
370 Cycles and miscellaneous transportation equipment (375, 379)
Professional and photographic equipment, and watches
371 Scientific and controlling instruments (38l, 382)
372 Optical and health services supplies (383, 384, 385)
380 Photographic equipment and supplies (386)
381 Watches, clocks, and clockwork operated devices (387)
382 Not specified professional equipment
390 Toys, amusement, and sporting goods (394)
391 Miscellaneous manufacturing industries (39 exc. 394)
392 Not specified manufacturing industries

TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES

Transportation
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)
Communications
440 Radio and television broadcasting (483)
441 Telephone (wire and radio) (481)
442 Telegraph and miscellaneous communication services (482, 489)
Utilities and sanitary services
460 Electric light and power (491)

461 Gas and steam supply systems (492, 496)
462 Electric and gas, and other combinations (493)
470 Water supply and irrigation (494, 497)
471 Sanitary services (495)
472 Not specified utilities

WHOLESALE TRADE

Durable Goods

500 Motor vehicles and equipment (501)
501 Furniture and home furnishings (502)
502 Lumber and construction materials (503)
510 Sporting goods, toys, and hobby goods (504)
511 Metals and minerals, except petroleum (505)
512 Electrical goods (506)
521 Hardware, plumbing and heating supplies (507)
522 Not specified electrical and hardware products
530 Machinery, equipment, and supplies (508)
531 Scrap and waste materials (5093)
532 Miscellaneous wholesale, durable goods (5094, 5099)

Nondurable Goods

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 products - raw materials (515)
552 Petroleum products (517)
560 Alcoholic beverages (518)
561 Farm supplies (5191)
562 Miscellaneous wholesale, nondurable goods (5194, 5198, 5199)
571 Not specified wholesale trade

RETAIL TRADE

580 Lumber and building material retailing (521, 523)
581 Hardware stores (525)
582 Retail nurseries and garden stores (526)
590 Mobile home dealers (527)
591 (D) Department stores (531)
592 Variety stores (533)
600 Miscellaneous general merchandise stores (539)
601 (E) Grocery stores (541)
602 Dairy products stores (545)
610 Retail bakeries (546)
611 Food stores, n.e.c. (542, 543, 544, 549)
612 Motor vehicle dealers (551, 552)
620 Auto and home supply stores (553)
621 Gasoline service stations (554)
622 Miscellaneous vehicle dealers (555, 556, 557, 559)
630 Apparel and accessory stores, except shoe (56, except 566)
631 Shoe stores (566)

632 Furniture and home furnishings stores (571)
640 Household appliances, TV, and radio stores (572, 573)
641 (F) Eating and drinking places (58)
642 Drug stores (591)
650 Liquor stores (592)
651 Sporting goods, bicycles, and hobby stores (5941, 5945, 5946)
652 Book and stationery stores (5942, 5943)
660 Jewelry stores (5944)
661 Sewing, needlework and piece goods stores (5949)
662 Mail order houses (5961)
670 Vending machine operators (5962)
671 Direct selling establishments1establishments (5963)
672 Fuel and ice dealers (598)
681 Retail florists (5992)
682 Miscellaneous retail stores (593, 5947, 5948, 5993, 5994, 5999)
691 Not specified retail trade

FINANCE, INSURANCE, AND REAL ESTATE

700 (G) Banking (60)
701 Savings and loan associations (612)
702 Credit agencies, n.e.c. (61, except 612)
710 Security, commodity brokerage, and investment companies (62, 67)
711 (H) Insurance (63, 64)
712 Real estate, including real estate-insurance-law offices (65, 66)

BUSINESS AND REPAIR SERVICES

721 Advertising (731)
722 Services to dwellings and other buildings (734)
730 Commercial research, development, and testing labs (7391, 7397)
731 Personnel supply services (736)
732 Business management and consulting services (7392)

740 Computer and data processing services (737)
741 Detective and protective services (7393)
742 Business services, n.e.c. (732, 733, 735, 7394, 7395, 7396, 7399)
750 Automotive services, except repair (751, 752, 754)
751 Automotive repair shops (753)
752 Electrical repair shops (762, 7694)
760 Miscellaneous repair services (763, 764, 7692, 7699)

PERSONAL SERVICES

761 (J) 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)
772 Beauty shops (723)
780 Barber shops (724)
781 Funeral service and crematories (726)
782 Shoe repair shops (725)
790 Dressmaking shops (part 729)

791 Miscellaneous personal services (722, part 729)

ENTERTAINMENT AND RECREATION SERVICES

800 Theaters and motion pictures (78, 792)
801 Bowling alleys, billiard and pool parlors (793)
802 Miscellaneous entertainment and recreation services (791, 794, 799)

PROFESSIONAL AND RELATED SERVICES

812 Offices of physicians (80l, 803)
820 Offices of dentists (802)
821 Offices of chiropractors (8041)
822 Offices of optometrists (8042)
830 Offices of health practitioners, n.e.c. (8049)
831 (K) Hospitals (806)
832 Nursing and personal care facilities (805)
840 Health services, n.e.c. (807, 808, 809)
841 Legal services (8l)
842 (L) Elementary and secondary schools (821)
850 (M) Colleges and universities (822)
851 Business, trade, and 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 (835)
870 Residential care facilities, without nursing (836)
871 Social services, n.e.c. (832, 839)
872 Museums, art galleries, and zoos (84)
880 Religious organizations (866)
881 Membership organizations (861-865, 869)
882 Engineering, architectural, and surveying services (891)
890 Accounting, auditing, and bookkeeping services (893)
891 Noncommercial educational and scientific research (892)
892 Miscellaneous professional and related services (899)

PUBLIC ADMINISTRATION

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 Administration of human resources programs (94)
930 Administration of environmental quality and housing programs (95)
931 Administration of economic programs (96)
932 National security and international affairs (97)
991 Member of the Armed Forces

FORM SIPP-10001 (7-20-83)

U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

CONTROL CARD

SURVEY OF INCOME AND PROGRAM PARTICIPATION

NOTICE – Your report to the Census Bureau is confidential by law (title 13, U.S. Code). It may be seen only by sworn Census employees and may be used only for statistical purposes.

1 R O CODE	2 CONTROL NUMBER PSU	Segment	Seg. suf.	Serial	Sample 8 1 0	CHECK DIGIT	3 ADDRESS I D	4 SEGMENT TYPE	5a Field Rep. code / 5b Letter sent	W1	W2	W3	W4	W5	W6	W7	W8	6a EXTRA UNIT Original unit serial number / 6b Sheet ... Line ...	6c OFFICE USE ONLY	7 Wave for which Control Card first prepared
								1 [ ] Address 2 [ ] Unit 3 [ ] Permit 4 [ ] Area 5 [ ] Special place		[ ] Yes [ ] No	[ ] Yes [ ] No	[ ] Yes [ ] No	[ ] Yes [ ] No	[ ] Yes [ ] No	[ ] Yes [ ] No	[ ] Yes [ ] No	[ ] Yes [ ] No			

HOUSEHOLD RECORD (Card ____ of ____)

FILL ITEMS 17 – 20 FOR ALL PERSONS LIVING OR STAYING HERE

FILL (OR UPDATE AS APPROPRIATE) ITEMS 23 - 33 FOR HOUSEHOLD MEMBERS ONLY – Ask each item for entire household before asking next item

17 ENTRY ADDRESS I.D.	18 PERSON NUMBER	19a HOUSEHOLD ROSTER	19b RELATIONSHIP TO REFERENCE PERSON (RP)		20 HOUSE HOLD MEMBER	
	Assign 101, 102, etc. for wave 1; 201, 202, etc. for wave 2	FIRST INTERVIEW AT WAVE 1 ADDRESS – What are the names of all persons living or staying here? Start with the name of the person or one of the persons who (owns, rents) this home. Please include middle and maiden names. (Leave one blank space between each part of name) FIRST INTERVIEW AT MOVER'S NEW ADDRESS for mover's new address – Fill items 17 – 19a before the interview.	Ask if not apparent: What is ...'s relationship to (Read name of RP)? Example: Reference person, wife or husband, son, daughter, son-in-law, sister, foster son, partner, lodger, lodger's wife. See codes on page 4		Does ... usually live here? 1-Yes 2 No – Probe for URE	
PGM 1		Last, First, Middle, Maiden	First code	Update code	Yes	No

23 DATE ENTERED OR LEFT								24 BIRTH DATE/AGE					25 PERSON NUMBER OF PARENT	26a MARITAL STATUS		26b PERSON NUMBER OF SPOUSE	27 DESIGNATED PARENT OR GUARDIAN	28 SEX		29 RACE	30 ORIGIN
Complete if instructed by item 21, enter code and date. See codes on page 4								a. What is ...'s date of birth? Example: 01-20-1963 12 01-1924 Verify age using Flashcard G. b. ... Is now (Read age) years old, is that correct?					Refer to 18 and 19b. If none enter "999"	ASK IF 15 OR OLDER. Is ... now – Married 1-Sp. Pres. 2-Sp. Abs. 3-Widowed 4-Divorced 5-Separated OR 6-Never married?		Refer to 18, 19b, and 26a. If none enter "999"	Fill for "Never married" persons under 18. If no parent, ask: Who in this household is responsible for ...? Enter person number	Ask if not apparent. Is ... 1-Male or 2-Female?		SHOW FLASHCARD H. What is the race of each person in this household? See codes on page 4	SHOW FLASHCARD I. What is the origin or descent of each person in this household? See codes on page 4
First occurrence				Update																	
Code	Mo.	Day	Year	Code	Mo.	Day	Year	Mo.	Day	Year	Age	Age Update		First code	Update code			M	F		

GO TO ITEM 31a

21 HOUSEHOLD ROSTER COVERAGE

• WAVE 1 INTERVIEW

		Yes	No
21a I have listed (Read names from item 19a). Have I missed – If "Yes," to any of the following, ask name and complete items 17–20 above. PGM 4			
– Any babies or small children?	0010	1 [ ]	2 [ ]
– Any lodgers, boarders, or persons you employ who live here?	0012	1 [ ]	2 [ ]
– Anyone who usually lives here but is away now – traveling, at school, or in a hospital?	0014	1 [ ]	2 [ ]
– Anyone else staying here?	0016	1 [ ]	2 [ ]

• FIRST INTERVIEW AT MOVER'S NEW ADDRESS

		Yes	No
21b I have listed ... (Read names from item 19a), as now living at this address. Is this correct? If NO, ask – Which person did not move here?	0018	1 [ ]	2 [ ]
21c When did ... move in here? Enter appropriate code and date in item 23.			
21d Is there anyone else living or staying here now? If YES, ask name and complete items 17 – 19a, then ask: When did ... begin living here? If moved in before sample person(s), enter code "04" in item 23 and omit date. If moved in at the same time or after sample person(s), enter appropriate code and date in item 23.	0020	1 [ ]	2 [ ]
21e Which of these persons (owns/rents) this home? Assign as reference person in item 19b			

• SUBSEQUENT INTERVIEWS

	W2	W3	W4	W5	W6	W7	W8
21f I have listed ... (Read names from item 19a). Are all of these persons still living or staying here? If NO, ask: Who no longer lives here? When did ... leave? Enter appropriate code and date left in item 23. Probe, if necessary, for reason left. If entire household moved, mark "No" in item 21g, complete item 23, determine new address (item 34), and end interview.	0022 1 [ ] Y 2 [ ] N	0026 1 [ ] Y 2 [ ] N	0030 1 [ ] Y 2 [ ] N	0034 1 [ ] Y 2 [ ] N	0038 1 [ ] Y 2 [ ] N	0042 1 [ ] Y 2 [ ] N	0046 1 [ ] Y 2 [ ] N
21g Is anyone else living or staying here, including new born babies? If YES, ask name and complete items 17 – 20 above, then ask: When did ... begin living here? Enter appropriate code and date in item 23. Anyone else?	0024 1 [ ] Y 2 [ ] N	0028 1 [ ] Y 2 [ ] N	0032 1 [ ] Y 2 [ ] N	0036 1 [ ] Y 2 [ ] N	0040 1 [ ] Y 2 [ ] N	0044 1 [ ] Y 2 [ ] N	0048 1 [ ] Y 2 [ ] N

22 HOUSING UNIT COVERAGE – WAVE 1 INTERVIEW

22a FIELD REPRESENTATIVE CHECK ITEM

Unit is: [ ] In a special place – SKIP to 24 above
[ ] Not in a special place – ASK 22b

Ask if not apparent:

22b Do all persons in this household live OR eat together?
[ ] Yes – ASK 22c
[ ] No, neither live nor eat together – Fill Table X for the person or group of persons not living or eating with RP

Ask if not apparent:

22c Does any other household on the property live OR eat with this household?
[ ] Yes – Redefine the unit to include space occupied by all persons who live or eat together. Apply merged unit procedures if appropriate.
[ ] No

GO TO ITEM 24 ABOVE

31a Person number	ASK IF 15 OR OLDER — EDUCATION: 31b		31c		ARMED FORCES: 32a		If "Yes" in 32a ask: 32b			32c		SOCIAL SECURITY: ★ 33a	33b		
Enter person number from item 18	What is the highest grade or year of regular school ... has ever attended? 00 – Never attended or kindergarten; 01-08 – Elementary; 09-12 – High school; 21-26 – College (Academic)		Did ... complete that grade (year)? 1-Yes 2 No		Did ... ever serve on active duty in the U.S. Armed Forces? 1-Yes 2-No		When did ... serve? See codes on page 4			Is ... now in the Armed Forces? 1-Yes 2-No		What is ...'s Social Security (or Railroad Retirement) number? If don't know ask: If I call back, would ... be able to provide this information? If "Yes," mark Reminder Card	Nonresponse. Mark the appropriate box. 1-Don't know 2-Refusal 3-None		
	First code	Update code	Yes	No	Yes	No	1st code	2nd code	3rd code	Yes	No		1	2	3

FIELD REPRESENTATIVE: Go to first questionnaire interview

8 ADDRESS (Sheet ____ Line ____)

8a What is your exact address?

House number, street, Apt. number, or other identification

Place ____ County ____ State ____ ZIP code ____

8b Is this also your mailing address? ☐ Yes ☐ No – *Specify below*

Route number, P O Box, or other identification

Place ____ County ____ State ____ ZIP code ____

8c Special place name

8d Type code

8e Sample number

AREA SEGMENTS ONLY

9 YEAR BUILT

☐ Ask first visit
☐ DO NOT ASK

When was this structure originally built?

☐ Before 4-1-80 – *Continue interview*
☐ After 4-1-80 – *Complete item 10c when required; END INTERVIEW*

10 COVERAGE QUESTIONS

☐ Ask items marked
☐ DO NOT ASK

☐ **10a** Are there any occupied or vacant living quarters besides your own in this building? ☐ Yes – *Fill Table X* ☐ No

☐ **10b** Are there any occupied or vacant living quarters besides your own on this floor? ☐ Yes – *Fill Table X* ☐ No

☐ **10c** Is there any other building on this property for people to live in – either occupied or vacant? ☐ Yes – *Fill Table X* ☐ No

OFFICE USE ONLY

11 GEOGRAPHIC LOCATION – *FILL ON MOVER'S NEW CONTROL CARD*

11a Is (this) address within the limits of a city, town, or village?

1 ☐ Yes – What is the name? ____
2 ☐ No – Not within the limits of a city, town, or village

11b Address is

1 ☐ Within a SPP PSU
2 ☐ 0 - 24
3 ☐ 25 - 49
4 ☐ 50 - 74
5 ☐ 75 - 100
6 ☐ 100 +

} Miles from a SPP PSU

INTRODUCTION

INITIAL VISIT – Hello, I am *(Field Representative's name)* from the United States Bureau of the Census. Here is my identification card. We are conducting a survey on the economic situation of people who live in the United States. I have some questions to ask you. Did you receive our letter?

RETURN VISIT – Hello, I am *(Field Representative's name)* from the United States Bureau of the Census. Here is my identification 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 on this subject. Did you receive our letter? *GO TO ITEM 21f on page 2.*

12 LAND USE

12a *Follow instructions for box that is marked*

1 ☐ URBAN – *SKIP to item 13*
2 ☐ RURAL – *Reg. units and SP PL units coded 85-88 in 8d – ASK item 12b*
SP PL units not coded 85-88 in 8d – Mark "No" in item 12b without asking, then go to item 13
3 ☐ Unclassified – *ASK 12b, or mark by observation*

12b During the past 12 months did sales of crops, livestock, and other farm products from this place amount to $1,000 or more?

1 ☐ Yes
2 ☐ No

13 CLASSIFICATION OF LIVING QUARTERS – *Mark by observation*

13a FIELD REPRESENTATIVE CHECK ITEM

Unit is:

1 ☐ In a Special Place – *Refer to Table A in Part C of manual and mark appropriate box in either 13c or 13d*
2 ☐ NOT in a Special Place

13b ACCESS

1 ☐ Direct – *Go to item 13c*
2 ☐ Through another unit – *Not a separate HU; combine with unit through which access is gained. Apply merged unit procedures if appropriate.*

13c 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 – *Describe in notes*

13d OTHER unit

8 ☐ Quarters not HU in rooming or boarding house
9 ☐ Unit not permanent in transient hotel, motel, etc.
10 ☐ Unoccupied site for mobile home, trailer, or tent
11 ☐ OTHER unit not specified above – *Describe in notes*

14 UNITS IN STRUCTURE

ASK IF NOT APPARENT –

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

1 ☐ Only OTHER units
2 ☐ Mobile home or trailer
3 ☐ One, detached
4 ☐ One, attached
5 ☐ Two
6 ☐ 3 - 4
7 ☐ 5 - 9
8 ☐ 10 - 19
9 ☐ 20 - 49
10 ☐ 50 or more

15 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?

16 CHARACTERISTICS OF UNIT – UPDATE/VERIFY EACH WAVE

ASK ONLY IF UNIT IS RENTED (Otherwise go to item 19a on page 2, or 21b if first interview at mover's new address)

16a Is this residence in a public housing project, that is, is it owned by a local housing authority?

1 ☐ Yes – *Go to item 19a, page 2 OR 21b if first interview at mover's new address*
2 ☐ No
x1 ☐ DK

16b Is the Federal, State or local government paying part of the rent for this residence?

1 ☐ Yes
2 ☐ No
x1 ☐ DK

} *Go to item 19a, page 2 OR 21b if first interview at mover's new address*

NOTES

36 HOUSEHOLD FINAL INTERVIEW STATUS – *Complete after interview*

Wave (a)	Code (b)	If codes 06, 16, or 22, specify (c)
1		
2		
3		
4		
5		
6		
7		
8		

37 CHARACTERISTICS OF TYPE A OR D HOUSEHOLD

Verify for each wave assigned.

37a Race of reference person – *Enter code from flashcard*

37b Sex of reference person

1 ☐ Male
2 ☐ Female

37c Size of household – *Count all children and adults*

38 RECORD OF VISITS, CONTROL CARD RESPONDENT PERSON NUMBER AND APPOINTMENTS

Wave (a)	Month (b)	Day (c)	Personal visits – Tally (d)	Personal visits – Total (e)	Telephone calls – Tally (f)	Telephone calls – Total (g)	CC respondent person number (h)	O – Obsvd. R – Rsbd. (i)	Appointment time and date NA – No appointment (j)	Field Representative name (k)
1										
2										
3										
4										
5										
6										
7										
8										

39 FUTURE CONTACTS – *Read Flashcard T and fill 39a – c. Verify and update for waves 2 – 8. If additional contacts required, use page 4.*

39a What is your telephone number? ( ) ☐ Refused ☐ None

39b What is the best time to call or visit? ____ a.m. ____ p.m.

39c 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.

Name ____ Relationship to person no. ____

Address (No., St., Apt. No., City, State, ZIP code) ____ Telephone number (Include area code) ____

CODES FOR HOUSEHOLD INTERVIEW STATUS

Wave 1 interview status

01 – Interviewed

Type A – Noninterview
02 – No one home
03 – Temporarily absent
04 – Refused
05 – Unable to locate
06 – Other – Specify

Type B – Noninterview
09 – Vacant
10 – Occupied by persons with URE
11 – Unfit or to be demolished
12 – Under construction, not ready
13 – Converted to temporary business or storage
14 – Unoccupied site for mobile home, trailer, or tent
15 – Permit granted, construction not started
16 – Other – Specify

Type C – Noninterview
17 – Demolished
18 – House or trailer moved
19 – Converted to permanent business or storage
20 – Merged
21 – Condemned
22 – Other – Specify

Waves 2–8 interview status

01 – Interviewed

Type A – Noninterview
02 – No one home
03 – Temporarily absent
04 – Refused
05 – Unable to locate
06 – Other – Specify

Type B – Noninterview
16 – Entire HH institutionalized or temporarily ineligible

Type C – Noninterview
22 – Deleted (sample adjustment, error)
23 – Entire household deceased, moved out of country, or living in armed forces barracks

Type D – Noninterview
24 – Moved, address unknown
25 – Moved within country beyond limit

26 – All sample persons relisted on new Control Card(s) (On old cc enter "26" in item 36)

34a MOVERS

1	Person number(s)	Entire HH moved ☐ – If box is marked fill 34b	New telephone number
	New address – Number and street		
	City	State	ZIP Code
	Other identification		Wave move discovered
2	Person number(s)		New telephone number
	New address – Number and street		
	City	State	ZIP Code
	Other identification		Wave move discovered
3	Person number(s)		New telephone number
	New address – Number and street		
	City	State	ZIP Code
	Other identification		Wave move discovered
4	Person number(s)		New telephone number
	New address – Number and street		
	City	State	ZIP Code
	Other identification		Wave move discovered
5	Person number(s)		New telephone number
	New address – Number and street		
	City	State	ZIP Code
	Other identification		Wave move discovered

PGM 4, Cont'd.

OFFICE USE ONLY 0054

34b *If entire household moves, try to determine:*

Is the address within the limits of a city, town, or village?

1 ☐ Yes – What is the name? ____________

2 ☐ No – Not within the limits of a city, town, or village

35 MERGED HOUSEHOLD MATCH TABLE

New person number (a)	PREVIOUS IDENTIFICATION PSU (b)	Segment (c)	Serial (d)	Sample designation (e)	Entry address ID (f)	Person number (g)
0058	0056	0060	0062	0064	0066	0068
0070	0072	0074	0076	0078	0080	0082
0084	0086	0088	0090	0092	0094	0096
0098	0100	0102	0104	0106	0108	0110
0112	0114	0116	0118	0120	0122	0124
0126	0128	0130	0132	0134	0136	0138
0140	0142	0144	0146	0148	0150	0152
0154	0156	0158	0160	0162	0164	0166

CODES FOR 19b

01 – Reference Person WITH relatives in household
02 – Reference Person with NO relatives in household
03 – Husband/Wife
04 – Natural/adopted child
05 – Stepchild
06 – Foster child
07 – Grandchild
08 – Parent
09 – Brother/Sister
10 – Other relative of Reference Person
11 – Non-relative of Reference Person WITH OWN relatives in household
12 – Partner/roommate
13 – Non-relative of Reference Person (other than partner/roommate) with NO OWN relatives in household

ENTERED CODES FOR 23

Entered – This Wave

01 – Birth
02 – Marriage
03 – Other
04 – *(Use only with item 21d)*
13 – Re-entered sample after missing one or more waves
16 – From institution
17 – From Armed Forces barracks
18 – From outside the country
19 – Due to separation or divorce

Entered – Should have been added in a previous wave

21 – Birth
22 – Marriage
23 – Other
24 – Sample person added during second interview period
36 – From institution
37 – From Armed Forces barracks
38 – From outside the country
39 – Due to separation or divorce

LEFT CODES FOR 23

Left – This Wave

05 – Deceased
06 – Institutionalized
07 – Living in Armed Forces barracks
08 – Moved outside of country
09 – Separation or divorce
10 – Person number 201+ no longer living with sample person
11 – Other
12 – *Use this code if instructed by your office*
99 – Listed in error

Left – Should have been deleted in a previous wave

25 – Deceased
26 – Institutionalized
27 – Living in Armed Forces barracks
28 – Moved outside of country
29 – Separation or divorce
30 – 201+ person no longer living with sample person
31 – Other

CODES FOR 30

01 – German
02 – English
03 – Irish
04 – French
05 – Italian
06 – Scottish
07 – Polish
08 – Dutch
09 – Swedish
10 – Norwegian
11 – Russian
12 – Ukrainian
13 – Welsh
14 – Mexican-American
15 – Chicano
16 – Mexican
17 – Puerto Rican
18 – Cuban
19 – Central or South American (Spanish speaking)
20 – Other Spanish
21 – Afro-Amer. (Black or Negro)
30 – Another group not listed
39 – Don't know

CODES FOR 28

1 – White
2 – Black
3 – American Indian, Eskimo or Aleut
4 – Asian or Pacific Islander
5 – Other – *Specify below* –

Person No.	Specify race

CODES FOR 32b

If more than one code applies, start with lowest number and enter codes in ascending order. Thus, if person served in Vietnam and in Korea enter "1", and then "2".

1 – Vietnam Era (Aug. '64 – April '75)
2 – Korean Conflict (June '50 – Jan. '55)
3 – World War II (Sept. '40 – July '47)
4 – World War I (Apr. '17 – Nov. '18)
5 – May 1975 to August 1980
6 – September 1980 or later
7 – Other Service (All other periods)

39 FUTURE CONTACTS (Continued) – *Read Flashcard T and fill 39c. Verify and update for Waves 2–8.*

39c 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.

Name	Relationship to person no. ____
Address (No., St., Apt. No., City, State, ZIP Code)	Telephone number (Include area code)

39 FUTURE CONTACTS (Continued) – *Read Flashcard T and fill 39c. Verify and update for Waves 2–8.*

39c 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.

Name	Relationship to person no. ____
Address (No., St., Apt. No., City, State, ZIP Code)	Telephone number (Include area code)

39 FUTURE CONTACTS (Continued) – *Read Flashcard T and fill 39c. Verify and update for Waves 2–8.*

39c 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.

Name	Relationship to person no. ____
Address (No., St., Apt. No., City, State, ZIP Code)	Telephone number (Include area code)

TRANSCRIPTION ITEMS (Card ______ of ______)

FIELD REPRESENTATIVE INSTRUCTIONS ▶ These columns are to be filled after the interview. Fill a column for each household member listed in Household Roster who is age 15 or older.

COL. 1

40 Person number	41 Name								
	Respondent person number	W1	W2	W3	W4	W5	W6	W7	W8

EMPLOYMENT

Empl. I.D.	42 NAME OF EMPLOYER	W1	W2	W3	W4	W5	W6	W7	W8
1		1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
2		1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
3		1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
4		1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
Bus. I.D.	**43 NAME OF BUSINESS/FARM**	**W1**	**W2**	**W3**	**W4**	**W5**	**W6**	**W7**	**W8**
1		1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
2		1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
3		1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐

INTERVIEW STATUS

Line No.	Code	44 PERSON INTERVIEW STATUS	W1	W2	W3	W4	W5	W6	W7	W8
0		Ineligible for interview (code 993)	1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
1		Noninterview – No interview obtained (code 991)	1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
2		Interview – No ISS codes marked (code 992)	1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐

INCOME

Mark box only if indicated on ISS

Line No.	Code	45 INCOME SOURCES (1–56)	W1	W2	W3	W4	W5	W6	W7	W8
3			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
4			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
5			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
6			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
7			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
8			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
9			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
		46 ASSETS (100–150)								
10			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
11			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
12			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
13			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
14			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
15			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
16			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
		47 SPECIAL INDICATORS								
17			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
18			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
19			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐

COL. 2

40 Person number	41 Name								
	Respondent person number	W1	W2	W3	W4	W5	W6	W7	W8

EMPLOYMENT

Empl. I.D.	42 NAME OF EMPLOYER	W1	W2	W3	W4	W5	W6	W7	W8
1		1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
2		1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
3		1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
4		1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
Bus. I.D.	**43 NAME OF BUSINESS/FARM**	**W1**	**W2**	**W3**	**W4**	**W5**	**W6**	**W7**	**W8**
1		1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
2		1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
3		1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐

INTERVIEW STATUS

Line No.	Code	44 PERSON INTERVIEW STATUS	W1	W2	W3	W4	W5	W6	W7	W8
0		Ineligible for interview (code 993)	1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
1		Noninterview – No interview obtained (code 991)	1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
2		Interview – No ISS codes marked (code 992)	1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐

INCOME

Mark box only if indicated on ISS

Line No.	Code	45 INCOME SOURCES (1–56)	W1	W2	W3	W4	W5	W6	W7	W8
3			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
4			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
5			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
6			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
7			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
8			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
9			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
		46 ASSETS (100–150)								
10			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
11			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
12			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
13			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
14			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
15			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
16			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
		47 SPECIAL INDICATORS								
17			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
18			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
19			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐

COL. 3

40 Person number	41 Name								
	Respondent person number	W1	W2	W3	W4	W5	W6	W7	W8

EMPLOYMENT

Empl. I.D.	42 NAME OF EMPLOYER	W1	W2	W3	W4	W5	W6	W7	W8
1		1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
2		1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
3		1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
4		1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
Bus. I.D.	**43 NAME OF BUSINESS/FARM**	**W1**	**W2**	**W3**	**W4**	**W5**	**W6**	**W7**	**W8**
1		1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
2		1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
3		1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐

INTERVIEW STATUS

Line No.	Code	44 PERSON INTERVIEW STATUS	W1	W2	W3	W4	W5	W6	W7	W8
0		Ineligible for interview (code 993)	1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
1		Noninterview – No interview obtained (code 991)	1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
2		Interview – No ISS codes marked (code 992)	1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐

INCOME

Mark box only if indicated on ISS

Line No.	Code	45 INCOME SOURCES (1–56)	W1	W2	W3	W4	W5	W6	W7	W8
3			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
4			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
5			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
6			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
7			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
8			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
9			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
		46 ASSETS (100–150)								
10			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
11			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
12			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
13			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
14			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
15			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
16			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
		47 SPECIAL INDICATORS								
17			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
18			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐
19			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐

Section 4 — TOPICAL MODULES

Part A — SELECTED FINANCIAL ASSETS

Statement A Read to respondent: **These next questions concern various assets.**

1a.	*ASK OR VERIFY —* **Did . . . own any U.S. Savings Bonds as of** *(Read last day of reference period)***?** *(Type E or EE bonds only.)*	8204	1 ☐ Yes 2 ☐ No — *SKIP to Check Item T1*
b.	**What was the FACE VALUE of the U.S. Savings Bonds that . . . owned?** *(If ownership was shared, count only . . .'s share.)*	8206	$ ____ . 00 x1 ☐ DK x2 ☐ Ref.
CHECK ITEM T1	Interview status of . . .'s spouse	8208	1 ☐ No spouse in household — *SKIP to 2c* 2 ☐ Interview for spouse not yet conducted 3 ☐ Interview for spouse already conducted — *SKIP to 2c*
2a.	**As of** *(Read last day of reference period)*, **did . . . own jointly with . . .'s (husband/wife) any checking accounts which did NOT earn interest?**	8209	1 ☐ Yes 2 ☐ No x1 ☐ DK x2 ☐ Ref. (No, DK, Ref.) *SKIP to 2c*
b.	**What is your best estimate of the amount of money . . . and . . .'s (husband/wife) had in those checking accounts as of** *(Read last day of reference period)***?**	8210	$ ____ . 00 x3 ☐ None x1 ☐ DK x2 ☐ Ref.
c.	**(Besides any checking accounts owned jointly with . . .'s spouse,) as of** *(Read last day of reference period)*, **did . . . own any (other) checking accounts which did NOT earn interest?**	8232	1 ☐ Yes 2 ☐ No x1 ☐ DK x2 ☐ Ref. (No, DK, Ref.) *SKIP to Check Item T2*
d.	**What is your best estimate of the amount of money . . . had in those checking accounts as of** *(Read last day of reference period)***?** *(If account was shared, count only . . .'s share.)*	8233	$ ____ . 00 x3 ☐ None x1 ☐ DK x2 ☐ Ref.
CHECK ITEM T2	*Refer to cc item 24.* Is . . . 21 years of age or older?	8258	1 ☐ Yes 2 ☐ No — *SKIP to Statement B, page 58*
3a.	**Does . . . have any Individual Retirement Accounts — any IRAs — in . . .'s OWN name?** *(If . . . is only included in spouse's IRA account, mark the "No" box.)*	8260	1 ☐ Yes 2 ☐ No x1 ☐ DK x2 ☐ Ref. (No, DK, Ref.) *SKIP to 4a*
b.	**For how many years has . . . contributed to . . .'s IRA accounts?**	8262	☐☐ Years x1 ☐ DK x2 ☐ Ref. — *SKIP to 4a*
c.	**As of** *(Read last day of reference period)*, **what is the total balance or market value (including interest earned) of . . .'s IRA accounts?** ★	8264	$ ____ . 00 — *SKIP to 4a* x1 ☐ DK x2 ☐ Ref. — *SKIP to 4a*
d.	**If I were to call back later would you be able to provide me with an estimate of the amount? (This information is especially important for the purposes of this survey.)**	8266	1 ☐ Yes — *Mark Callback Summary and Reminder Card, Item 16* 2 ☐ No

Section 4 — TOPICAL MODULES (Continued)

Part A – SELECTED FINANCIAL ASSETS (Continued)

4a. Does . . . have a KEOGH account in . . .'s OWN name?

8284
- 1☐ Yes
- 2☐ No
- x1☐ DK
- x2☐ Ref.

No / DK / Ref. — *SKIP to 5a*

b. For how many years has . . . contributed to . . .'s KEOGH account?

8286
- ____ Years
- x1☐ DK
- x2☐ Ref. — *SKIP to 5a*

c. As of *(Read last day of reference period)*, **what was the total balance or market value of assets in . . .'s KEOGH account(s)?** ★

8288
- $ ______ . 00 — *SKIP to 5a*
- x1☐ DK
- x2☐ Ref. — *SKIP to 5a*

d. If I were to call back later would you be able to provide me with an estimate of the amount? (This information is especially important for the purposes of this survey.)

8290
- 1☐ Yes — *Mark Callback Summary and Reminder Card, Item 17*
- 2☐ No

5a. Does . . . have any life insurance? (Include group policies provided by employers.)

8308
- 1☐ Yes
- 2☐ No
- x1☐ DK
- x2☐ Ref.

No / DK / Ref. — *SKIP to Statement B, page 58*

b. What is the current FACE VALUE of ALL life insurance policies that . . . has?

8310
- $ ______ . 00
- x1☐ DK
- x2☐ Ref.

c. What type of life insurance does . . . have — is it "term insurance", "whole life", or does . . . have both of these types?

8312
- 1☐ Term only
- 2☐ Whole life only
- 3☐ Both types
- x1☐ DK

NOTES

Section 4 — TOPICAL MODULES (Continued)

Part B — MEDICAL EXPENSES AND WORK DISABILITY

Statement B — Read to respondent: **These next questions concern payments that . . . may have made last month for medical bills for himself/herself or his/her family.**

1. During *(Read last month)* **did . . . pay any of the following:**

a. Doctor bills?	8400	1 ☐ Yes	2 ☐ No	x1 ☐ DK
b. Dentist bills?	8402	1 ☐ Yes	2 ☐ No	x1 ☐ DK
c. Hospital bills?	8404	1 ☐ Yes	2 ☐ No	x1 ☐ DK
d. Expenses for prescription medicine?	8406	1 ☐ Yes	2 ☐ No	x1 ☐ DK

CHECK ITEM T3 — Is one or more "Yes" box marked in item 1?

8408 1 ☐ Yes
2 ☐ No — *SKIP to Check Item T4*

2. Not counting amounts already reported by another family member or amounts that will be reimbursed by insurance, how much did . . . pay for medical expenses in the month of *(Read last month)***?**

8410 $ ______ . 00
x1 ☐ DK
x2 ☐ Ref.

CHECK ITEM T4 — *Refer to cc item 24.* What is . . .'s age?

8412 1 ☐ 15 years old — *SKIP to Check Item T8*
2 ☐ 16 to 67 years old
3 ☐ 68 years old or older — *SKIP to Check Item T8*

Statement C — **Now I want to ask about any health or physical condition . . . may have that affected . . .'s ability to work.**

CHECK ITEM T5 — Is "Disabled" (code 171) marked on the ISS for . . .?

8414 1 ☐ Yes — *SKIP to 3a*
2 ☐ No

CHECK ITEM T6 — *Refer to cc item 47.* Is "Disabled" (code 171) marked on the control card for . . .?

8416 1 ☐ Yes
2 ☐ No — *SKIP to 3b*

3a. We have recorded that . . .'s health or condition limits the kind or amount of work . . . can do. Is that correct?

8418 1 ☐ Yes — *SKIP to Check Item T7*
2 ☐ No — *SKIP to Check Item T8*

b. Does . . . have a physical, mental, or other health condition which limits the kind or amount of work . . . can do?

8420 1 ☐ Yes — *Mark "171" on ISS*
2 ☐ No — *SKIP to Check Item T8*

CHECK ITEM T7 — Is "Worked" (code 170) marked on the ISS?

8422 1 ☐ Yes — *SKIP to Check Item T8*
2 ☐ No

4a. Does . . .'s health or condition prevent . . . from working at a job or business?

8424 1 ☐ Yes
2 ☐ No — *SKIP to Check Item T8*

b. Has . . . been prevented from working for the past 12 months or longer?

8426 1 ☐ Yes — *SKIP to Check Item T8*
2 ☐ No

c. Is it likely that . . . will be able to work at some time in the next 12 months?

8428 1 ☐ Yes
2 ☐ No
x1 ☐ DK

Go to Check Item T8

NOTES

Section 4 — TOPICAL MODULES (Continued)

Part C — REAL ESTATE, SHELTER COSTS, DEPENDENT CARE, AND VEHICLES

CHECK ITEM T8 Is this the reference person's questionnaire?

8526 1 ☐ Yes
2 ☐ No — *SKIP to Check Item P1, page 62*

Statement D Read to respondent: **These next questions concern housing costs and automobile ownership.**

CHECK ITEM T9 *Refer to cc item 15.* Tenure

8530 1 ☐ Owned or being bought
2 ☐ Rented for cash — *SKIP to 2*
3 ☐ Occupied without cash payment — *SKIP to 3*

1. *ASK OR VERIFY —* **Which persons in this household are the owners of this home?**

	Person No.	Name
8532		
8534		
8536		

2. **How much was this household's (rent/mortgage payment) last month?**

(Include any condominium or association fees.)

8538 $ ______ . 00

x3 ☐ None
x1 ☐ DK } *SKIP to Check Item T11*
x2 ☐ Ref. }

3. **How much did this household pay for electricity, gas, and other utilities last month?**

(Other utilities include other fuels, water, and basic telephone service. Include only payments made in addition to those reported in item 2.)

8540 $ ______ . 00

x3 ☐ Nothing or included in rent
x1 ☐ DK } *SKIP to Check Item T11*
x2 ☐ Ref. }

CHECK ITEM T10 *Refer to cc items 19b, 23, and 24.* Composition of household

8542 1 ☐ One person household
2 ☐ Married-couple household, no other person 18 or older
3 ☐ Single parent household, no other person 18 or older
} *SKIP to Check Item T11*

4 ☐ Other composition

4. **Did more than one of the persons living here pay for the (rent/mortgage payment) and utilities last month?**

8544 1 ☐ Yes — *SKIP to 6*
2 ☐ No

5. **Which person paid?**

	Person No.	Name
8546		

} *SKIP to Check Item T11*

6. **Which persons paid and how much did each pay?**

Person 1	Person 2	Person 3
Person No. 8548	Person No. 8550	Person No. 8552
Name	Name	Name
8554 $ ______ . 00	8556 $ ______ . 00	8558 $ ______ . 00
x1 ☐ DK x2 ☐ Ref.	x1 ☐ DK x2 ☐ Ref.	x1 ☐ DK x2 ☐ Ref.

CHECK ITEM T11 *Refer to cc items 18 and 23.* Number of persons in household

8560 1 ☐ One — *SKIP to Check Item T12*
2 ☐ Two or more

Section 4 — TOPICAL MODULES (Continued)

Part C — REAL ESTATE, SHELTER COSTS, DEPENDENT CARE. AND VEHICLES (Continued)

7a. Last month, did anyone here pay for the care of a child or a disabled person so that a household member could work, attend training, or look for a job?

8562 — 1 ☐ Yes; 2 ☐ No — *SKIP to Check Item T12*

b. What was the total cost of these care arrangements for the month of *(Read last month)*?

8564 — $ ______ . 00; x1 ☐ DK; x2 ☐ Ref.

CHECK ITEM T12 — *Refer to cc items 16a and 16b.* Is this residence in a public housing project, is it subsidized, or is it neither public nor subsidized?

8658 — 1 ☐ In a public housing project; 2 ☐ Subsidized } *SKIP to 9a*; 3 ☐ Neither public nor subsidized

8a. Does . . . or anyone else in this household own any (other) real estate such as a vacation home or undeveloped lot? Exclude rental property previously reported or rental property attached to or located on the same land as . . .'s own residence.

8660 — 1 ☐ Yes; 2 ☐ No, x1 ☐ DK } *SKIP to 9a*

b. Which persons in this household are the owners of this (these) property(ies)?

	Person No.	Name
8662		
8664		

c. What is the total value of *(Read persons' names)* **equity in this (these) property(ies)? (By equity we mean the amount that could be obtained by selling the property and paying off any debts.)**

Count only share owned by household members.

8666 — $ ______ . 00; x1 ☐ DK; x2 ☐ Ref.

9a. Does anyone in this household own a car, van, or truck, excluding recreational vehicles (RV's) and motorcycles?

8714 — 1 ☐ Yes; 2 ☐ No — *SKIP to 10a*

b. How many cars, trucks, or vans are owned by members of this household?

8716 — ☐☐ Number of motor vehicles

(Ask items 9c–9g for vehicle 1 and then return to 9c for additional vehicles.)

	Vehicle 1	Vehicle 2	Vehicle 3
c. Who is (are) the owner(s) of the (newest, next newest) motor vehicle?	8718 Person No. ___ Name ___	8720 Person No. ___ Name ___	8722 Person No. ___ Name ___
	8724 Person No. ___ Name ___	8726 Person No. ___ Name ___	8728 Person No. ___ Name ___
d. What is the year, make, and model of this vehicle?	8730 1 9 __ __; x1 ☐ DK	8732 1 9 __ __; x1 ☐ DK	8734 1 9 __ __; x1 ☐ DK
	Make ___ 8736 x1 ☐ DK	Make ___ 8738 x1 ☐ DK	Make ___ 8740 x1 ☐ DK
	Model ___ 8742 x1 ☐ DK	Model ___ 8744 x1 ☐ DK	Model ___ 8746 x1 ☐ DK
	OFFICE USE ONLY 8748	**OFFICE USE ONLY** 8750	**OFFICE USE ONLY** 8752

Section 4 — TOPICAL MODULES (Continued)

Part C — REAL ESTATE, SHELTER COSTS, DEPENDENT CARE, AND VEHICLES (Continued)

	Vehicle 1	Vehicle 2	Vehicle 3
9e. Is this vehicle owned free and clear, or is there still money owed on it?	8754 1 ☐ Money owed 2 ☐ Free and clear } *SKIP to 9g* x1 ☐ DK } *SKIP to 9g*	8756 1 ☐ Money owed 2 ☐ Free and clear } *SKIP to 9g* x1 ☐ DK } *SKIP to 9g*	8758 1 ☐ Money owed 2 ☐ Free and clear } *SKIP to 9g* x1 ☐ DK } *SKIP to 9g*
f. How much is currently owed for this vehicle?	8760 $ ____ .00 x1 ☐ DK — *Probe* x2 ☐ Ref.	8761 $ ____ .00 x1 ☐ DK — *Probe* x2 ☐ Ref.	8762 $ ____ .00 x1 ☐ DK — *Probe* x2 ☐ Ref.
g. Is this vehicle used primarily for either business purposes or for the transportation of a disabled person?	8763 1 ☐ Yes 2 ☐ No	8764 1 ☐ Yes 2 ☐ No	8765 1 ☐ Yes 2 ☐ No
CHECK ITEM T13 Is there another vehicle which has not been asked about?	8766 1 ☐ Yes — *Ask 9c for next vehicle* 2 ☐ No — *Go to 10a*	8768 1 ☐ Yes — *Ask 9c for next vehicle* 2 ☐ No — *Go to 10a*	*Go to 10a*

10a. Does anyone in this household own another kind of vehicle, not used for any business, such as a motorcycle, boat, or recreational vehicle?

Mark (X) all that apply.

8770 1 ☐ Motorcycle
8772 2 ☐ Boat
8774 3 ☐ Recreational vehicle (RV)
8776 4 ☐ Other — *Specify* ________________
8778 5 ☐ No — *SKIP to Check Item P1, page 62*

Ask items 10b–10e for each category of vehicle	Category 1	Category 2
b. Who is (are) the owner(s) of the *(Read first/second category marked in 10a)***?**	Person No. / Name 8780 ☐☐☐ ________ 8784 ☐☐☐ ________	Person No. / Name 8782 ☐☐☐ ________ 8786 ☐☐☐ ________
c. If this vehicle were sold, what would it sell for in its present condition?	8788 $ ____ .00 x1 ☐ DK — *Probe* x2 ☐ Ref. — *SKIP to Check Item T14*	8790 $ ____ .00 x1 ☐ DK — *Probe* x2 ☐ Ref. — *SKIP to Check Item P1, page 62*
d. Is (are) this (these) vehicle(s) owned free and clear, or is there still money owed on it (them)?	8792 1 ☐ Money owed 2 ☐ Free and clear } *SKIP to Check Item T14* x1 ☐ DK } *SKIP to Check Item T14*	8794 1 ☐ Money owed 2 ☐ Free and clear } *SKIP to Check Item P1, page 62* x1 ☐ DK } *SKIP to Check Item P1, page 62*
e. How much is currently owed for this (these) vehicle(s)?	8796 $ ____ .00 x1 ☐ DK — *Probe* x2 ☐ Ref.	8798 $ ____ .00 x1 ☐ DK — *Probe* x2 ☐ Ref.
CHECK ITEM T14 Is there another vehicle which has not been asked about?	8800 1 ☐ Yes — *Ask 10b for next vehicle* 2 ☐ No — *Go to Check Item P1, page 62*	*Go to Check Item P1, page 62*

Section 5 – PROGRAM QUESTIONS

CHECK ITEM P1	*Refer to cc item 19b.* Is this the reference person's questionnaire?	4800	1 ☐ Yes 2 ☐ No – *SKIP to Check Item C1, page 64*
CHECK ITEM P2	*Refer to cc items 16a and 16b.* Is this residence owned by the local housing authority OR does the government pay part of the rent? (*"Yes" marked in cc item 16a or 16b*)	4802	1 ☐ Yes 2 ☐ No – *SKIP to 2a*
1a.	**What is your monthly rent?**	4804	$ ______ . 00 x3 ☐ None x1 ☐ DK } *SKIP to 2a* x2 ☐ Ref. } *SKIP to 2a*
b.	**(In addition to rent,) do you pay for any utilities such as water, electricity, gas, or oil?** *Exclude telephone.*	4806	1 ☐ Yes 2 ☐ No x1 ☐ DK
2a.	**The government has an energy assistance program which helps pay heating and cooling costs. This assistance can be received directly by the household or it can be paid directly to the electric or gas company, fuel dealer, or landlord. Has this household received assistance of this type during the past 4 months?**	4816	1 ☐ Yes 2 ☐ No } *SKIP to Check Item P3* x1 ☐ DK } *SKIP to Check Item P3*
b.	**Was this assistance received in the form of checks, coupons or vouchers sent to this household, or were the payments sent directly to a utility company, fuel dealer, or landlord?** *Mark (X) all that apply.*	4818 4820 4822	1 ☐ Checks sent to household 2 ☐ Coupons or vouchers sent to household 3 ☐ Payments sent directly to utility company, fuel dealer, or landlord
c.	**What was the total amount of the energy assistance received by this household during the past 4 months?**	4824	$ ______ . 00 x1 ☐ DK
CHECK ITEM P3	Are there any children 5 to 18 years old who live in this household?	4826	1 ☐ Yes 2 ☐ No – *SKIP to Check Item C1, page 64*
3a.	**Do any of the children in this household usually eat a complete hot lunch offered at school?**	4828	1 ☐ Yes 2 ☐ No – *SKIP to Check Item C1, page 64*
b.	**How many children?**	4830	☐☐ Children
c.	**How many complete school lunches do all of the children eat per week?**	4832	☐☐ Number of lunches x1 ☐ DK
d.	**Did you (or another person) apply for the children to receive free or reduced-price lunches under the Federal School Lunch Program during this school year?**	4834	1 ☐ Yes 2 ☐ No – *SKIP to 3f*
e.	**In the past 4 months, were the lunches free, reduced-price, or were they full-price?** *Mark (X) all that apply.*	4836	1 ☐ Free lunch – *SKIP to 3g* 2 ☐ Reduced-price lunch 3 ☐ Full-price lunch
f.	**What was the average price paid by all of the children for a complete school lunch?**	4838	$ ______ . ___ x1 ☐ DK
g.	**Do any of the children usually eat breakfast at school under the Federal School Breakfast Program?**	4840	1 ☐ Yes 2 ☐ No – *SKIP to Check Item C1, page 64*
h.	**How many children?**	4842	☐☐ Children
i.	**How many complete school breakfasts do all of the children eat per week?**	4844	☐☐ Number of breakfasts x1 ☐ DK
j.	**In the past 4 months, were the breakfasts free, reduced-price, or were they full-price?** *Mark (X) all that apply.*	4846	1 ☐ Free breakfast 2 ☐ Reduced-price breakfast 3 ☐ Full-price breakfast

CALLBACK SUMMARY

CHECK ITEM C1 Are any items marked on Reminder Card for . . .?

5000 1 ☐ Yes — *Mark appropriate item(s) below, then SKIP to Check Item C2*
2 ☐ No — *SKIP to Check Item C2*

☐ **1.** Social Security Number *(Enter in cc item 33a)* ___ - ___ - ___ x1 ☐ DK x2 ☐ Ref. x3 ☐ None

☐ **2.** Medicare claim number *(Item 23b, page 8)* 5002 ___ - ___ - 5004 ___ - 5005 ___

3. EMPLOYER

☐ **a.** Employer #1 *(Item 8a, page 17)*

What was the total amount of pay received before deductions on this job in . . .?

5006	$ ___ . 00	Last month	x1 ☐ DK x2 ☐ Ref. x3 ☐ None	
5008	$ ___ . 00	2 months ago	x1 ☐ DK x2 ☐ Ref. x3 ☐ None	
5010	$ ___ . 00	3 months ago	x1 ☐ DK x2 ☐ Ref. x3 ☐ None	
5012	$ ___ . 00	4 months ago	x1 ☐ DK x2 ☐ Ref. x3 ☐ None	

☐ **b.** Employer #2 *(Item 16a, page 19)*

What was the total amount of pay received before deductions on this job in . . .?

5014	$ ___ . 00	Last month	x1 ☐ DK x2 ☐ Ref. x3 ☐ None
5016	$ ___ . 00	2 months ago	x1 ☐ DK x2 ☐ Ref. x3 ☐ None
5018	$ ___ . 00	3 months ago	x1 ☐ DK x2 ☐ Ref. x3 ☐ None
5020	$ ___ . 00	4 months ago	x1 ☐ DK x2 ☐ Ref. x3 ☐ None

☐ **4.** SELF-EMPLOYMENT

a. Self-employment #1 *(Item 7, page 21)*

What was the total amount of income received from this business in . . .?

5022	$ ___ . 00	Last month	x1 ☐ DK x2 ☐ Ref. x3 ☐ None
5024	$ ___ . 00	2 months ago	x1 ☐ DK x2 ☐ Ref. x3 ☐ None
5026	$ ___ . 00	3 months ago	x1 ☐ DK x2 ☐ Ref. x3 ☐ None
5028	$ ___ . 00	4 months ago	x1 ☐ DK x2 ☐ Ref. x3 ☐ None

☐ **b.** Self-employment #2 *(Item 18, page 23)*

What was the total amount of income received from this business in . . .?

5030	$ ___ . 00	Last month	x1 ☐ DK x2 ☐ Ref. x3 ☐ None
5032	$ ___ . 00	2 months ago	x1 ☐ DK x2 ☐ Ref. x3 ☐ None
5034	$ ___ . 00	3 months ago	x1 ☐ DK x2 ☐ Ref. x3 ☐ None
5036	$ ___ . 00	4 months ago	x1 ☐ DK x2 ☐ Ref. x3 ☐ None

Amounts as of [Month/day/year] (the last day of the reference period)

☐ **5.** What was the total amount in savings/Money market deposit accounts/CD's/Interest-earning checking accounts held jointly by husband and wife? *(Item 2c, page 48)*

5038 $ ___ . 00
x1 ☐ DK
x2 ☐ Ref.
x3 ☐ None

☐ **6.** What was the total amount in savings/Money market deposit accounts/CD's/Interest-earning checking accounts in own name? *(Item 3c, page 48)*

5040 $ ___ . 00
x1 ☐ DK
x2 ☐ Ref.
x3 ☐ None

☐ **7.** What was the total amount in Money market funds/securities/ bonds held jointly by husband and wife? *(Item 2c, page 49)*

5042 $ ___ . 00
x1 ☐ DK
x2 ☐ Ref.
x3 ☐ None

☐ **8.** What was the total amount in Money market funds/securities/bonds in own name? *(Item 3c, page 49)*

5044 $ ___ . 00
x1 ☐ DK
x2 ☐ Ref.
x3 ☐ None

CALLBACK SUMMARY (Continued)

Amounts for the 4-month period of Month ______ through Month ______

☐ **9.** What was the amount received in dividends jointly by husband and wife during the 4-month period? *(Item 1b, page 50)*

5048 $ ______ . 00
x1 ☐ DK
x2 ☐ Ref.
x3 ☐ None

☐ **10.** What was the amount received in dividends in own name during the 4-month period? *(Item 2a, page 50)*

5050 $ ______ . 00
x1 ☐ DK
x2 ☐ Ref.
x3 ☐ None

Amounts as of Month/day/year ______ (the last day of the reference period)

☐ **11.** What was the market value of stocks and mutual funds held jointly by husband and wife? *(Item 4a, page 50)*

8858 $ ______ . 00
x1 ☐ DK
x2 ☐ Ref.
x3 ☐ None

☐ **12.** What was the market value of stocks and mutual funds held in own name? *(Item 5b, page 51)*

8860 $ ______ . 00
x1 ☐ DK
x2 ☐ Ref.

☐ **13.** What was the market value of rental property owned jointly by husband and wife? *(Item 2g, page 52)*

8862 $ ______ . 00
x1 ☐ DK
x2 ☐ Ref.

☐ **14.** What was the market value of rental property owned in own name? *(Item 3g, page 53)*

8864 $ ______ . 00
x1 ☐ DK
x2 ☐ Ref.

☐ **15.** What was the share of equity in rental property held jointly with others? *(Item 4h, page 54)*

8866 $ ______ . 00
x1 ☐ DK
x2 ☐ Ref.

☐ **16.** What was the total balance or market value (including interest earned) of IRA accounts? *(Item 3c, page 56)*

8868 $ ______ . 00
x1 ☐ DK
x2 ☐ Ref.

☐ **17.** What was the total balance or market value of assets in KEOGH account(s)? *(Item 4c, page 57)*

8870 $ ______ . 00
x1 ☐ DK
x2 ☐ Ref.

CHECK ITEM C2

Has an interview been conducted for all household members 15+?

5052
1 ☐ Yes — *Enter finish time on cover page, fill cc items 36 and 39 and END INTERVIEW*
2 ☐ No — *Enter finish time for this household member, THEN interview next 15+ household member*

NOTES

INCOME SOURCE LIST

INCOME LIST

Code	Type	Code	Type
1	Social Security	28	Child support payments
2	U.S. Government Railroad Retirement pay	29	Alimony payments
3	Federal Supplemental Security Income (SSI)	30	Pension from company or union
4	State Supplemental Security Income (State administered SSI only)	31	Federal Civil Service or other Federal civilian employee pensions
5	State unemployment compensation	32	U.S. Military retirement pay
6	Supplemental Unemployment Benefits	33	National Guard or Reserve Forces retirement
7	Other unemployment compensation (Trade Adjustment Act benefits, strike pay, other)	34	State government pensions
8	Veterans' compensation or pensions	35	Local government pensions
9	Black lung payments	36	Income from paid-up life insurance policies or annuities
10	Workers' compensation	37	Estates and trusts
11	State temporary sickness or disability benefits	38	Other payments for retirement, disability or survivor
12	Employer or union temporary sickness policy	40	G.I. Bill
13	Payments from a sickness, accident or disability insurance policy purchased on your own	41	Other VA educational assistance
		50	Income assistance from a charitable group
20	Aid to Families with Dependent Children (AFDC, ADC)	51	Money from relatives or friends
21	General assistance or General relief	52	Lump sum payments
22	Indian, Cuban, or Refugee Assistance	53	Income from roomers or boarders
23	Foster child care payments	54	National Guard or Reserve pay
24	Other welfare	55	Incidental or casual earnings
25	WIC (Women, Infants and Children Nutrition Program)	56	Other cash income not included elsewhere
27	Food stamps		

ASSET LIST

Code	Type
100	Regular/passbook savings accounts in a bank, savings and loan or credit union
101	Money market deposit accounts
102	Certificates of Deposit or other savings certificates
103	Interest-earning checking accounts (such as NOW or Super NOW accounts)
104	Money market funds
105	U.S. Government securities
106	Municipal or corporate bonds
107	Other interest-earning assets
110	Stocks or mutual fund shares
120	Rental property
130	Mortgages
140	Royalties
150	Other financial investments

SPECIAL INDICATORS

Code	Type
170	Worked
171	Disabled
172	Medicare
173	Medicaid
174	U.S. Savings Bonds (E, EE)
175	College work study
176	PELL Grant
177	Supplemental Educational Opportunity Grant (SEOG)
178	National Direct Student Loan (NDSL)
179	Guaranteed Student Loan
180	JTPA Training
181	Employer assistance
182	Fellowship/Scholarship
183	Other financial aid
200	VA disability rating of 100%
201	VA disability of less than 100%

INCOME SOURCE SUMMARY (ISS)

INSTRUCTION – Column (a) shows the income source code. In column (b), mark (X) for all sources from which income was received during the reference period. In column (c), enter the code to indicate whether the respondent used records to verify or provide amounts. Column (d) shows the type of income source. The Amounts section should be filled starting with the page number shown in column (e) for those income sources which have been marked.

PGM 9

ISS code (a)	Mark (X) (b)	Record use code 1 = Yes 2 = No 3 = Ref. 4 = Sp. Q. (c)	Type of income source and income source code *REMINDER – After obtaining amounts for each income source, probe to determine whether the respondent was using records to provide amounts.* (d)	Amounts section page number (e)
			INCOME CODES 1-7	
1			Social Security	
2			U.S. Government Railroad Retirement pay	
3			Federal Supplemental Security Income (SSI)	
5			State Unemployment compensation	
6			Supplemental Unemployment Benefits	
			INCOME CODES 8-13	
8			Veterans' compensation or pensions	
			INCOME CODES 20-29	
20			Aid to Families with Dependent Children (AFDC, ADC)	
24			Other Welfare – *Specify*	
25			WIC (Women, Infants, and Children Nutrition Program)	
27			Food Stamps	
28			Child Support payments	(A) - 24 28 32 36 40 44
29			Alimony payments	
			INCOME CODES 30-38	
30			Pension from company or union	
			INCOME CODES 40-41	
40			GI Bill education benefits	
			INCOME CODES 50-56	
55			Incidental or casual earnings	
			ASSET CODES 100-150	
			Interest Earning Assets	
100			Regular/passbook/savings accounts in a bank, savings and loan or credit union	(B)-48
101			Money market deposit accounts	
102			Certificates of Deposit or other savings certificates	
103			Interest-earning checking accounts (such as NOW or Super NOW accounts)	
104			Money market funds	(C) - 49
105			U.S. Government securities	
106			Municipal or corporate bonds	
107			Other interest-earning assets	
110			Stocks or mutual fund shares	(D) - 50
120			Rental property	(E) - 51
130			Mortgages	(F) - 52
140			Royalties	
150			Other financial investments	
			SPECIAL INDICATOR CODES 170-183, 200, 201	Section 2
170			Worked	
171			Disabled	*DO NOT FILL*
172			Medicare	
173			Medicaid	
174			U.S. Savings Bonds	
200			VA disability rating of 100%	
201			VA disability rating of less than 100%	

LABOR FORCE AND RECIPIENCY
EARNINGS AND EMPLOYMENT
AMOUNTS – PART A
AMOUNTS – PARTS B & C
AMOUNTS – PARTS D & E
TOPICAL MODULES
PROGRAM QUESTIONS
CALLBACK SUMMARY

PRE-INTERVIEW TRANSCRIPTION ITEMS

Fill the following items with a red pencil.

Item	Page
11a, Start time (Cover Page)	1
2–4, 5b, 5c, 6	1
Check Item N1	1
Check Item R6	4
Income Roster, 11b, columns (2) and (3)	5
Check Item R7	4
Asset Roster, 28b, columns (2) and (3)	12
Check Item R32	13
Check Item T2	56
Check Item T4	58
11a, Finish time (Cover Page)	1

APPENDIX C

Working Papers

This appendix provides a list of a SIPP Working Papers. Any of these papers are free of charge. See the order form on page C-7.

1990

9001 - "Recent Developments in the Survey of Income and Program Participation", Census Bureau

9002 - "An Analysis of Leaving Home Using Data From the 1984 Panel of the SIPP", by Alden Speare, Roger Avery, Frances Goldscheider, Brown University

9003 - "The Effect of the Marriage Market on First Marriages: Evidence From SIPP", John Fitzgerald, Bowdoin College

9004 - "Counting Spells of Unemployment", Paul Ryscavage and Kathleen Short, Census Bureau

9005 - "The Elderly and Their Sources of Income: Implications for Rural Development", Robert Hoppe, Economic Research Service, U.S. Department of Agriculture

9006 - "Alternative Estimates of Economic Well-Being by Age Using Data on Wealth and Income, Daniel Radner, Social Security Administration

9007 - "Longitudinal Analysis of Federal Survey Data", Patricia Ruggles, Joint Economic Committee

9008 - "Measurement Errors in SIPP Program Reports", Kent H. Marquis and Jeffrey C. Moore, Census Bureau

9009 - "Handling Single Wave Nonresponse in Panel Survey," R. Singh, V. Huggins, and D. Kasprzyk, Census Bureau

9010 - "Nonresponse Research for SIPP," R. Petroni, Census Bureau

9011 - "The Seam Effect in Panel Surveys," G. Kalton, D. Hill, and M. Miller, University of Michigan

9012 - "The Effects of Being Uninsured on Health Care Service Use: Estimates from the SIPP," S. Long and J. Rodgers, Congressional Budget Office

9013 - "Wage Differential and Job Changes," S. Seninger and D. Greenberg, University of Maryland

9014 - "Wages and Employment Among the Working Poor: New Evidence From SIPP," S. Long and A. Martini, The Urban Institute and Mathematica Policy Research

9015 - "Pension Portability & Labor Mobility: Evidence from SIPP," A. Gustman and T. Steinmeier, Dartmouth College and Texas Tech University

9016 - "Response & Procedural Error Variance in Surveys: An Application of Poisson and Newman Type A Regression," D. Hill, University of Toledo

9017 - "Aging and the Income Value of Housing Wealth," S.F. Venti and D.A. Wise, Darmouth College and Harvard University

9018 - "Welfare Participation and Welfare Recidivism: The Role of Family Events," S.K. Long, The Urban Institute

9019 - "Racial Differences in Health and Health Care Service Utilization: The Effect of Socioeconomic Status," J.E. Mutchler and J.A. Burr, State University of New York at Buffalo

9020 - "Living Benefits: Closing the Gap for LTC Financing," D.G. Shea, Pennsylvania State University

9021 - "SIPP Record Check Results: Implications for Measurement Principles and Practice," K.H. Marquis and J.C. Moore, Census Bureau

9022 - "Workers with Disabilities in Large and Small Firms: Profiles from the SIPP," D. Drury, Berkeley Planning Associates

9023 - "Entry into Marriage and the Transition to Adulthood Among Recent Firth Cohorts of Young Adults in the United States and the Federal Republic of Germany," J. Witte, Harvard University

9024 - "The Saving Effect of Tax-Deferred Retirement Accounts: Evidence from the SIPP," S. Venti and D.A. Wise, Dartmouth College and Harvard University

9025 - "Children and Welfare: Patterns of Multiple Program Participations," S.K. Long, The Urban Institute

9026 - "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

9027 - "The SIPP Event History Calendar: Aiding Respondents in the Dating of Longitudinal Process," R. Kominski, Census Bureau

9028 - "Estimates of Employer Contributions for Health Insurance by Worker Characteristics," S. Haber, George Washington University

9029 - "Two Notes on Relating the Risk of Disclosure for Microdata and Geographic Area Size," B. Greenberg and L. Voshell, Census Bureau

9030 - "Childcare Effects on Social Security Benefits (91 ARC)," H.M. Iams, Social Security Administration

9031 - "The Effect of the Medicaid Program on Welfare Participation & Labor Supply," R. Moffit and B. Wolfe, Brown University and University of Wisconsin

9032 - "Proxy Reports: Results from a Record Check Study," J.C. Moore, Census Bureau

9033 - "Spells Without Health Insurance: What Affects Spell Durations and Who are the Chronically Uninsured?," T. McBride and K. Swartz, The Urban Institute

9034 - "Spells Without Health Insurance: Distributions of Durations and their Link to Point-in-Time Estimates of the Uninsured," K. Swartz and T. McBride, The Urban Institute

9035 - "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

1989

8901 - "Quality of SIPP Estimates," R. P. Singh, L. Weidman, and G. Shapiro, Census Bureau

8902 - "Two Notes on Sampling Variance Estimates from the 1984 SIPP Public-Use Files," by B. Bye and S. J. Gallicchio, Social Security Administration

8903 - "Longitudinal vs. Retrospective Measures of Work Experience," P. Ryscavage and J. Coder, Census Bureau

8904 - "Analyzing the Characteristics of Blacks: A Comparison of Data from SIPP and CPS," R. Farley and L. J. Neidert, University of Michigan

8905 - "Enhanced Demographic-Economic Data Sets," R. Herriot, C. Bowie, D. Kasprzyk, and S. Haber, Census Bureau

8906 - "Reflections on the Income Estimates from the Initial Panel of The Survey of Income and Program Participation (SIPP)," D. Vaughan, Social Security Administration

8907 - "Measuring Spells of Unemployment and Their Outcomes," P. Ryscavage, Census Bureau

8908 - "Welfare Dependency and its Causes: Determinants of the Duration of Welfare Spells," P. Ruggles, The Urban Institute

8909 - "Measuring the Duration of Poverty Spells," P. Ruggles, The Urban Institute and R. Williams, Congressional Budget Office

8910 - "Methods of Processing Unit Data Longitudinally on the SIPP," K. Smith, Congressional Budget Office

8911 - "Composite Estimation for SIPP Annual Estimates," R. P. Chakrabarty, Census Bureau

8912 - "Research and Evaluation Conducted on the Survey of Income and Program Participation," R. Petroni, T. Carmody, and V. Huggins, Census Bureau

8913 - "A Poisson Model of Response and Procedural Error Analysis of SIPP Reinterview Data," D. Hill, University of Michigan

8914 - "The Economic Resources of the Edlerly," S. Crystal and D. Shea, Rutgers University

8915 - "Multivariate Analysis by Users of SIPP Micro-Data Files," R. P. Chakrabarty, Census Bureau

8916 - "A Resource-Based Model of Living Arrangements Among the Unmarried Elderly," J. E. Mutchler and J. A. Burr, University of Buffalo

8917 - "Measuring Household Change at The individual Level Using Data From SIPP," A. Speare, Jr. and R. Avery, Brown University

8918 - "The Effect of Child Care Costs on Married Women's Labor Force participation," R. Connelly, Bowdoin College

8919 - "Income and Assets of Social Security Beneficiaries by Type of Benefit," S. Grad, Social Security Administration

8920 - "Development and Evaluation of a Survey-Based Type of Benefit Classification for the Social Security Program," D. Vaughan, Social Security Administration

8921 - "Wave Seam Effects in the SIPP," N. Young, The Urban Institute

8922 - "Components of Longitudinal Household Change for 1984-1985: An Evaluation of National Estimates from the SIPP," by Donald J. Hernandez, Bureau of the Census

8923 - "Database Design for Large-Scale Complex Data," by Martin H. David and Alice Robbin, University of Wisconsin-Madison

8924 - "Measuring the Frequency and Consequences of Job Separations: Data from the Survey of Income and Program Participation," by John M. McNeil and Enrique J. Lamas, Bureau of the Census

8925 - "The Regular Receipt of Child Support: A Multi-step Process," by James L. Peterson and Christine Winquist Nord, Child Trends, Inc.

1988

8801 - "The Impact of the Unit of Analysis on Measures of Serial Multiple Program Participation," by P. Doyle and S. E. Long, Mathematica Policy Research, Inc.

8802 - "Short-Term Fluctuations in Income and Their Impacts on the Characteristics of the Low-Income Population: New Data From the Survey of Income and Program Participation," by P. Ruggles, Urban Institute

8803 - "Residential Mobility of One-Person Households," by J. Witte and H. Lahmann, German Institute for Economic Research

8804 - "Year-Apart Estimates of Household Net Worth From the Survey of Income and Program Participation," by John M. McNeil and Enrique J. Lamas, Bureau of the Census

8805 - "Measuring Poverty and Crises: A Comparison of Annual and Subannual Accounting Program Participation," by Martin David and John Fitzgerald, Institute for Research on Poverty

8806 - "Using Administrative Record Data to Evaluate the Quality of Survey Estimates," by Jeffrey C. Moore and Kent H. Marquis, Bureau of the Census

8807 - "The Wealth of the Aged and Nonaged, 1984," by Daniel B. Radner, HHS

8808 - "Examining the Dynamics of Health Insurance Loss: A Tale of Two Cohorts," by Alan C. Monheit and Claudia L. Schur, NCHSR

8809 - "The Dynamics of Medicaid Enrollment," by Pam Farley Short, Joel C. Cantor, and Alan C. Monheit, NCHSR

8810 - "The Discouraged Worker Effect: A Reappraisal Using Spell Duration Data," by Alberto Martini, University of Wisconsin-Madison

8811 - "Income as a Proxy for the Economic Status of the Elderly," by Deborah J. Chollet and Robert B. Friedland, Employee Benefit Research Institute

8812 - "The SIPP: Data from the Social Security Administration's 1987 Annual Statistical Supplement"

8813 - "Participation in Industrial Training Programs," by Sheldon Haber, George Washington University

8814 - "A Methodological Study Using Administrative Records: The Special Frames Study of the Income Survey Development Program," by W. J. Logan, Social Security Administration, D. Kasprzyk and R. Cavanaugh, Census Bureau

8815 - "The Effect of Income Taxation on Labor Supply When Deductions are Endogenous," by R. K. Thriest, Johns Hopkins University

8816 - "A Comparison of Gross Change in Labor Force Status From SIPP and CPS," by P. Ryscavage and A. Feldman-Harkins, Census Bureau

8817 - "How are the Elderly Housed? New Data from the 1984 Survey of Income and Program Participation," by A. Goldstein, Census Bureau

8818 - "Welfare Recipiency as Observed in the SIPP," by J. Coder, Census Bureau and P. Ruggles, The Urban Institute

8819 - "Reservation Wages and Subsequent Acceptance Wages of Unemployed Persons," by P. Ryscavage, Census Bureau

8820 - "Selected References From the Income Survey Development Program (ISDP) and Survey of Income and Program Participation (SIPP)"

8821 - "Training, Wage Growth, Firm Size," by S. Haber, The George Washington University and E. Lamas, Census Bureau

8822 - "Defining and Measuring Normetro Poverty: Results From The Survey of Income and Program Participation," by R. Hoppe, USDA-ERS-ARED

8823 - "Nonresponse Adjustment Methods For Demographic Surveys at the U.S. Bureau of the Census," by R. Singh and R. Petroni, Census Bureau

8824 - "Testing Telephone Interviewing in the Survey of Income and Program Participation and Some Early Results," by S. Durant and P. Gbur, Census Bureau

8825 - "Excluding Sample That Misses Some Interviews From SIPP Longitudinal Estimates," by L. Ernst and D. Gillman, Census Bureau

8826 - "The Employment of Mothers and the Prevention of Poverty," by M. Hill, University of Michigan and H. Hartmann, Rutgers University

8827 - "Using Administrative Record Data To Describe SIPP Response Errors," by J. Moore and K. Marquis, Census Bureau

8828 - "A Look at Welfare Dependency Using The 1984 SIPP Panel File," by J. Coder, D. Burkhead, and A. Feldman-Harkins, Census Bureau

8829 - "Census Bureau Microdata: Providing Useful Research Data While Protecting The Anonymity of Respondents," by G. Gates, Census Bureau

8830 - "The Survey of Income and Program Participation: An Overview and Discussion of Research Issues," by D. Kasprzyk, Census Bureau

1987

8701 - "Tracking Persons Over Time," by A. C. Jean and E. K. McArthur, Census Bureau

8702 - "Preliminary Data From the SIPP 1983-84 Longitudinal Research File," by J. F. Coder, D. Burkhead. A. Feldman-Harkins, and J. McNeil, Census Bureau

8703 - "Work Experience Data From SIPP," by P. Ryscavage and A. Feldman-Harkins, Census Bureau

8704 - "The Treatment of Person -Wave Nonresponse in Longitudinal Surveys," by G. Kalton, J. Lepkowski, S. Heeringa, Ting-Kwong Lin, and M. E. Miller, Survey Research Center, University of Michigan

8705 - "SIPP: Filling Data Gaps on the Poverty and Social Welfare Fronts," by P. Ryscavage, Census Bureau

8706 - "Response Errors in Labor Surveys: Comparisons Self and Proxy," by D. Hill University of Michigan

8707 - "Differences Between SIPP and Food and Nutrition Service Program Data on Child Nutrition and WIC Program Participation, by L. Ku and R. Dalrymple, Food and Nutrition Service, U.S. Department of Agriculture

8708 - "Quality Profile for the Survey of Income and Program Participation," by K. King, R. Petroni, and R. Singh, Census Bureau

8709 - "Survey of Income and Program Participation SIPP Sample Loss and the Efforts to Reduce It," by D. Nelson, C. Bowie, and A. Walker, Census Bureau

8710 - "The Impact of Imputation Procedures on Distributional Characteristics of the Low Income Population," by P. Doyle, Mathematica Policy Research, Inc., and R. Dalrymple, Food and Nutrition Service, U. S. Department of Agriculture

8711 - "Job Tenure, Lifetime Work Interruptions and Wage Differentials," by J. McNeil, E. Lamas, Census Bureau, and S. Haber, George Washington University

8712 - "Measuring the Bias in Gross Flows in the Presence of Auto-Correlated Response Errors," by D. Hubble, Census Bureau, and D. Judkins, Westat, Inc.

8713 - "Investigation of Possible Causes of Transition Patterns from SIPP," by L. Weidman, Census Bureau

8714 - "Households and Income Sources: Monthly Averages for 1984," by J. Moorman, Census Bureau

8715 - "Creating SIPP Longitudinal Files Using OSIRIS IV," by M. Servais, University of Michigan

8716 - "Transition In and Out of Poverty: New Data From the Survey of Income and Program Participation," by P. Ruggles, Urban Institute and R. Williams, Congressional Budget Office

8717 - "On their own: The Self-employed and Others in Private Business," by S. Haber, George Washington University, E. Lamas Bureau of the Census, and J. Lichtenstein, U.S. Small Business Administration.

8718 - "Factors Associated With Household Net Worth," by E. Lamas and J. McNeil, Bureau of the Census

8719 - "Exploring Changes in Health Care Coverage Using the SIPP Longitudinal Research File," by D. Burkhead and A. Feldman, Bureau of the Census

8720 - "The Analysis of Geographical Mobility and Life Events with the SIPP," by D. Dahmann and E. McArthur, Bureau of the Census

8721 - "A Review of the Use of Administrative Records in the Survey of Income and Program Participation, by C. Bowie and D. Kasprzyk, Census Bureau

8722 - "Survey of Income and Program Participation Update," by D. Kasprzyk, Bureau of the Census

8723 - "Measuring Poverty with the SIPP and the CPS," by R. Williams, Congressional Budget Office

8724 - "The Statistical Invisible Minority Aged," by C. Taeuber, Bureau of the Census,and E. Attah, Atlanta University

8725 - "An Analysis of the SIPP Asset and Liability Feedback Experiment," by E. Lamas and J. McNeil, Bureau of the Census

1986

8601 - "Some Aspects of SIPP," compiled and edited by R. A. Herriot and D. Kasprzyk, Census Bureau

8602 - "Nonsampling Error Issues in the SIPP," by G. Kalton, University of Michigan, and D. B. McMillen and D. Kasprzyk, Census Bureau

8603 - "An Investigation of Model-Based Imputation Procedures Using Data From the Income Survey Development Program," by V. J. Huggins and L. Weidman, Census Bureau

8604 - "Food Stamp Participation: A Comparison of SIPP With Administrative Records," by S. Carlson and R. Dalrymple, Food and Nutrition Service

8605 - "SIPP Longitudinal Household Estimation for the Proposed Longitudinal Definition," by L. R. Ernst, Census Bureau

8606 - "A Comparison of Seven Imputation Procedures for the 1979 Panel of the Income Survey Development Program," by V. J. Huggins, Census Bureau

8607 - "An Investigation of the Imputation of Monthly Earnings for the Survey of Income and Program Participation Using Regression Models," by V. J. Huggins and L. Weidman, Census Bureau

8608 - "Evaluation of Training Materials and Methods for the Survey of Income and Program Participation," by M. Holt, Survey Research Consultant

8609 - "Patterns of Household Composition and Family Status change," by C. F. Citro, ASA/Census Research Fellow, and H. W. Watts, Department of Economics, Columbia University

8610 - "Composite Estimation for SIPP: A Preliminary Report," by R. P. Chakrabarty, Census Bureau

8611 - "Longitudinal Household Concepts in SIPP: Preliminary Results," by C. F. Citro, ASA/Census Research Fellow, D. J. Hernandez, and R. A. Herriot, Census Bureau

8612 - "Following Children in the Survey of Income and Program Participation," by E. K. McArthur, K. S. Short, and S. Bianchi, Census Bureau

8613 - "SIPP Labor Transitions: Problems and Promises," by P. Ryscavage and K. S. Short, Census Bureau

8614 - "Augmenting Data Reported in the Survey of Income and Program Participation With Administrative Record Data - A Brief Discussion," by D.K. Sater, Census Bureau

1985

8501 - "The Survey of Income and Program Participation: Uses and Application," by K.S. Short, Census Bureau

8502 - "Application of a Matched File Linking the Bureau of the Census Survey of Income and Program and Participation and Economic Data," by S. Haber, George Washington University

8503 - "Using the Survey of Income and Program Participation for Research on the Older Population," by D. B. McMillen, C. M. Taeuber, and J. Marks, Census Bureau

8504 - "Summary of the Content of the 1984 Panel of the Survey of Income and Program Participation," by D. T. Frankel, Census Bureau

8505 - "Enhancing Data From the Survey of Income and Program Participation With Data From Economic Censuses and Surveys," by D. K. Sater, Census Bureau

8506 - "Methodologies for Imputing Longitudinal Survey Items," by V. J. Huggins, L. Weidman, and M. E. Samuhel, Census Bureau

8507 - "New Household Survey and the CPS: A Look at Labor Force Differences," by P. M. Ryscavage, Census Bureau, and J. E. Bregger, Bureau of Labor Statistics

1984

8401 - (Update No. 1, Revised 12/85) "An Overview of the Survey of Income and Program Participation," by D. Nelson, D.B. McMillen, and D. Kasprzyk, Census Bureau

SIPP WORKING PAPERS
ORDER FORM

These papers are free of charge. To receive any of these papers, put a check by the appropriate number and mail this form to:

Data User Services Division
Customer Services
Bureau of the Census
Washington, DC 20233

If you request papers by phone, please contact Carmen Campbell on (301) 763-2005.

SIPP WORKING PAPERS

1984/1985

____ 8401
____ 8501
____ 8502
____ 8503
____ 8504
____ 8505
____ 8506
____ 8507

1986

____ 8601	____ 8608
____ 8602	____ 8609
____ 8603	____ 8610
____ 8604	____ 8611
____ 8605	____ 8612
____ 8606	____ 8613
____ 8607	____ 8614

1987

____ 8701	____ 8707	____ 8715	____ 8722
____ 8702	____ 8709	____ 8716	____ 8723
____ 8703	____ 8710	____ 8717	____ 8724
____ 8704	____ 8711	____ 8718	____ 8725
____ 8705	____ 8712	____ 8719	
____ 8706	____ 8713	____ 8720	
____ 8707	____ 8714	____ 8721	

1988

____ 8801	____ 8808	____ 8815	____ 8822	____ 8829
____ 8802	____ 8809	____ 8816	____ 8823	____ 8830
____ 8803	____ 8810	____ 8817	____ 8824	
____ 8804	____ 8811	____ 8818	____ 8825	
____ 8805	____ 8812	____ 8819	____ 8826	
____ 8806	____ 8813	____ 8820	____ 8827	
____ 8807	____ 8814	____ 8821	____ 8828	

1989

____ 8901	____ 8908	____ 8915	____ 8922
____ 8902	____ 8909	____ 8916	____ 8923
____ 8903	____ 8910	____ 8917	____ 8924
____ 8904	____ 8911	____ 8918	____ 8925
____ 8905	____ 8912	____ 8919	
____ 8906	____ 8913	____ 8920	
____ 8907	____ 8914	____ 8921	

1990

____ 9001	____ 9008	____ 9015	____ 9022	____ 9029
____ 9002	____ 9009	____ 9016	____ 9023	____ 9030
____ 9003	____ 9010	____ 9017	____ 9024	____ 9031
____ 9004	____ 9011	____ 9018	____ 9025	____ 9032
____ 9005	____ 9012	____ 9019	____ 9026	____ 9033
____ 9006	____ 9013	____ 9020	____ 9027	____ 9034
____ 9007	____ 9014	____ 9021	____ 9028	____ 9035

APPENDIX D

Machine-Readable Data Dictionary Layout

Data dictionary lines are 46 characters. The character on the first position determines the type of lines. Each variable may have the following lines:

1. COMMENTS (" * ") lines
2. DATA DICTIONARY (" D ") ; line and DATA DESCRIPTION
3. UNIVERSE (" U ") lines
4. VALUE DESCRIPTION lines
5. One blank line at the end

FORMAT

"*" LINE COMMENTS

a. " * " in the first position indicates that this is a comment line. This line can appear any place in the dictionary. It will be used for short comments or to nullify any value codes.

b. " ** " in the first two positions is also comments but it has additional meaning. It indicates this is a block of comments which will be applied to several variables. The first line of this block will ave the COMMENT NO. so that subsequent variable can refer back to this comment block.

"D" LINE DATA DICTIONARY

This line contains the following information:

ID	"D"	COL.	1- 1
NAME	Variable name	COL.	3-10
SIZE	Size of data field	COL.	14-15
BEGIN	Begin position of data field	COL.	19-22
TYPE	Character variable indicator "CHAR" or blanks if numeric variable	COL.	26-29
DEC	Implied decimal places	COL.	33-34
IND	TABLE variable indicator "TABLE" with "(aa)" for its dimension; otherwise blanks	COL.	38-46

Text describing the variable will follow this "D" line. Use COL. 6-46 and repeat as many lines as necessary.

"U" LINE UNIVERSE DEFINITION

This line contains the universe definition. Use COL. 3-46 and repeat as many lines as necessary.

ID	" U "	COL.	1- 1
DESCRIPTION	Universe description	COL.	3-46

(For continuation use COL. 3-46 and repeat as many lines as necessary.)

"V" LINE VALUE DEFINITION

ID	" V "	COL.	1- 1
VALUE	Value code-right justified	COL.	3-12
.	"."	COL.	14
DESCRIPTION	Value description	COL.	15-46

(Repeat COL. 14-46 format for continued value description.)

APPENDIX E

User Notes

This section is reserved for any information relevant to the SIPP 1990 Panel, Wave 7 Topical Module 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 (1) purchased their file (or technical documentation) from the Census Bureau and (2) returned the coupon following the title page.