

**Survey of Income and Program  
Participation (SIPP)  
1990 Panel  
Wave 2 Rectangular Topical Module  
Microdata File**

**TECHNICAL DOCUMENTATION**  
SIPP-90-2TR



**SURVEY OF INCOME AND PROGRAM PARTICIPATION (SIPP)  
1990 PANEL  
WAVE 2 RECTANGULAR TOPICAL MODULE MICRODATA FILE**

**Technical Documentation**

Washington, D.C.

1991

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**ACKNOWLEDGMENTS**

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The file should be cited as follows:

*Survey of Income and Program Participation (SIPP) 1990 Panel, Wave 2 Rectangular Topical Module Microdata File* [machine-readable data file] / prepared by the Bureau of the Census. –Washington: The Bureau [producer and distributor], 1991.

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*Survey of Income and Program Participation (SIPP) 1990 Panel, Wave 2 Rectangular Topical Module Microdata File Technical Documentation* / prepared by the Data User Services Division, Bureau of the Census. –Washington: The Bureau, 1991.

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# TABLE OF CONTENTS

## SURVEY OF INCOME AND PROGRAM PARTICIPATION (SIPP) 1990 PANEL WAVE 2 RECTANGULAR TOPICAL MODULE MICRODATA FILE

Abstract.....	1-1	
File Information.....	2-1	
Glossary of Selected Terms.....	3-1	
Index to Topical Module File.....	4-1	
Variable Listing to Topical Module File.....	5-1	
How to Use the Data Dictionary.....	6-1	
SIPP Topical Module Data Dictionary.....	7-1	
Source and Accuracy Statement.....	8-1	
Topical Module Reviews		
Employment History.....	9A-1	
Marital History.....	9B-1	
Migration History.....	9C-1	
Fertility History.....	9D-1	
Household Relationship.....	9E-1	
Appendices		
A. Code Lists		
A-1 Income Source Code List.....	A1-1	
A-2 Income Sources Included in Monthly Cash Income.....	A2-1	
A-3 Sources of Means-Tested Benefits Covered in SIPP.....	A3-1	
A-4 1980 Census of Population Occupation Classification System.....	A4-1	
A-5 1980 Census of Population Industry Classification System.....	A5-1	
B. Facsimiles		
B-1 Control Card.....	B1-1	
B-2 Topical Module Questionnaire.....	B2-1	
C. Working Papers.....		C-1
D. Machine-Readable Data Dictionary Layout.....		D-1
E. User Notes.....		E-1



## ABSTRACT

*Survey of Income and Program Participation (SIPP) 1990 Panel, Wave 2 Rectangular Topical Module Microdata File [machine-readable data file] / conducted by the U.S. Bureau of the Census. —Washington: The Bureau [producer and distributor], 1991.*

### 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 reciprocity, employment, work disability, education and training, marital status, migration, and fertility histories along with household relationships.

The sample consists of 4 rotation groups, each interviewed in a different month from June to September 1990. 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 6 interviews or "waves." This file contains the results of the second interview. Unique codes are included on each record to allow linking together the same persons from the preceding and subsequent waves.

### Geographic Coverage:

United States. Codes are included for 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:** 60,186 logical records; 1,356 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 2 Rectangular 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 1987 Panels as well as Waves 1-5 of the 1988 Panel and Waves 1, 2, and 3 Core from the 1990 Panels are available from Customer Services, Data User Services Division, Bureau of the Census, Washington, D.C. 20233. An order form is on the following page for your convenience.

**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.





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## 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.

Sample Unit ID (scrambled)	Race
Household Address ID	Sex
Item36B	MS(5)
Entry Address ID	PNSP(5)
Person Number	PNPT(5)
PP-Intw	Higrade
Finalwgt(5)	Grd-Cmpl
RRP(5)	Ethnicity
Age(5)	

### 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 reciprocity 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 respondent's 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 owned 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-60, are based only on income received in a regular or periodic manner and, therefore, exclude lump-sum or one-time payments such as inheritances and insurance settlements. The March CPS income definition, however, does exclude the same income sources excluded by SIPP.

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

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

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

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

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

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

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

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

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

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

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

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

**SIPP 1990 WAVE 2 TOPICAL MODULE**

**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 2 TOPICAL MODULE

<u>Item</u>	<u>Mnemonic</u>	<u>Position</u>
Address Identification.....	ADDID .....	20
Address Identification - Edited Entry.....	ENTRY .....	25
AFDC Application for Benefits .....	TM8080 .....	780
AFDC Benefits Starting Month.....	TM8084 .....	782
AFDC Benefits Starting Year.....	TM8086 .....	784
AFDC Reciprocity - Check Item T6.....	TM8076 .....	778
AFDC Reciprocity of Benefits.....	TM8082 .....	781
AFDC Reciprocity, Number of Months for.....	TM8090 .....	790
AFDC Reciprocity, Number of Times for .....	TM8094 .....	792
AFDC Reciprocity, Number of Years for.....	TM8088 .....	788
AFDC Reciprocity, Previous.....	TM8078 .....	779
Age 18 to 64 - Check Item T14 .....	TM8200 .....	883
Age 18 Years or Over - Check Item T3.....	TM8052 .....	760
Age 65 year or Over- Check Item T31 .....	TM8444 .....	1101
Age 65 Years or Over.....	TM8756 .....	1302
Age and Sex - Check Item T42.....	TM8750 .....	1297
Age as of Last Birthday - Edited and Imputed .....	AGE .....	43
Age of Respondent - Check Item T23 .....	TM8300 .....	998
Bachelor's Degree Received in Which Month.....	TM8432 .....	1086
Bachelor's Degree Received in Which Year.....	TM8434 .....	1088
Birth Month of First Child .....	TM8760 .....	1304
Birth Month of Last Child Currently Living in Household.....	TM8780 .....	1323
Birth Month of Second Child.....	TM8766 .....	1313
Birth Month of Second Child with 3+ Siblings.....	TM8792 .....	1335
Birth Year of First Child .....	TM8762 .....	1306
Birth Year of Last Child Currently Living in Household.....	TM8782 .....	1325
Birth Year of Second Child.....	TM8768 .....	1315
Birth Year of Second Child with 3+ Siblings.....	TM8794 .....	1337
Born in Which Foreign Country - Check Item T39.....	TM8732 .....	1277
Born in Which State or Foreign Country.....	TM8730 .....	1275
Born on or After January 1, 1960 - Check Item T46.....	TM8784 .....	1329
Business ID Number - Check Item T16 .....	TM8208 .....	887
Business ID Number, Main - Check Item T18 .....	TM8216 .....	892
Business Located at More Than One Location.....	TM8226 .....	902
Children Born, Number of.....	TM8754 .....	1300
Children Currently Living in Household.....	TM8758 .....	1303
Children Ever Had - Check Item T45.....	TM8778 .....	1322
Children Fathered, Number of.....	TM8752 .....	1298
College Attendance at Least One Year - Check Item T29.....	TM8416 .....	1069
College Attendance Began in Which Month .....	TM8418 .....	1070
College Attendance Began in Which Year .....	TM8420 .....	1072
College Attendance, Last Date of .....	TM8442 .....	1100
College Attendance, Last Month of .....	TM8438 .....	1094
College Attendance, Last Year of .....	TM8440 .....	1096
College Courses Taken in Which Field of Study.....	TM8436 .....	1092
Composition of Household, Unedited - Check Item T51.....	U-TM9266 .....	328
Computation Flag for Month in Which Moved .....	CT8700 .....	1281
Computation Flag for Resided in Another State/Country From What Month .....	CT8722 .....	1290
Computation Flag for Resided in Another State/Country To What Month.....	CT8726 .....	1292
Computation Flag for Resided in Previous Residence From What Month .....	CT8710 .....	1286
Computation Flag for Resided in Previous Residence To What Month.....	CT8714 .....	1287
Degree Earned Beyond High School, Highest .....	TM8422 .....	1076

<u>Item</u>	<u>Mnemonic</u>	<u>Position</u>
Degree Earned in Which Month.....	TM8424 .....	1077
Degree Earned in Which Year.....	TM8426 .....	1079
Degree Higher Than Bachelor's .....	TM8430 .....	1085
Degree Received in Which Field of Study.....	TM8428 .....	1083
Designated Parent or Guardian - Check Item T5.....	TM8074 .....	777
Disabled Marked on CC - Check Item T25.....	TM8304 .....	1000
Disabled Marked on ISS - Check Item T24 .....	TM8302 .....	999
Employer ID Number - Check Item T16 .....	TM8206 .....	885
Employer ID Number, Main - Check Item T18 .....	TM8214 .....	890
Employer Number Filled - Check Item T19.....	TM8222 .....	900
Employer or Business Listed on CC - Check Item T15.....	TM8202 .....	884
Employment Month, Starting.....	TM8218 .....	894
Employment Size at All Locations .....	TM8228 .....	903
Employment Size at Work Location.....	TM8224 .....	901
Employment Year, Starting.....	TM8220 .....	896
Ethnic Origin.....	ETHNICTY .....	58
Food Stamp Application From Federal Government.....	TM8058 .....	763
Food Stamp Authorization.....	TM8060 .....	764
Food Stamp Reciprocity - Check Item T4 .....	TM8054 .....	761
Food Stamp Reciprocity Starting Month.....	TM8062 .....	765
Food Stamp Reciprocity Starting Year.....	TM8064 .....	767
Food Stamp Reciprocity, Number of Months for.....	TM8068 .....	773
Food Stamp Reciprocity, Number of Times for.....	TM8072 .....	775
Food Stamp Reciprocity, Number of Years for.....	TM8066 .....	771
Food Stamp Reciprocity, Previous.....	TM8056 .....	762
Grade Attended Was Completed, Highest.....	GRD-CMPL .....	57
Grade Attended, Highest - Check Item T28.....	TM8400 .....	1053
Grade or Year of School Attended, Highest.....	HIGRADE .....	55
Health Insurance Plan Coverage - Check Item T10.....	TM8124 .....	818
Health Insurance Plan, Last Month Covered by .....	TM8132 .....	825
Health Insurance Plan, Last Period Covered by.....	TM8136 .....	831
Health Insurance Plan, Last Year Covered by .....	TM8134 .....	827
Health Insurance Plan, Length of Time Covered by.....	TM8130 .....	823
Health Insurance Plan, Number of Months Covered by.....	TM8126 .....	819
Health Insurance Plan, Number of Years Covered by.....	TM8128 .....	821
High School Attended, Type of.....	TM8414 .....	1068
High School Diploma Received in Which Month.....	TM8410 .....	1062
High School Diploma Received in Which Year.....	TM8412 .....	1064
High School Diploma, Receipt of .....	TM8408 .....	1061
Household Composition - Check Item T53.....	TM9266 .....	61
Housing Unit Public or Subsidized - Check Item T12.....	TM8140 .....	834
Housing Unit, Length of Time Lived in Subsidized .....	TM8146 .....	839
Housing Unit, Number of Months Lived in Subsidized.....	TM8142 .....	835
Housing Unit, Number of Years Lived in Subsidized.....	TM8144 .....	837
Housing Waiting List, Name on Public or Subsidized .....	TM8150 .....	842
Identifier, Sample Unit.....	ID .....	6
Imputation Flag for 2nd Marriage End in Widowhood or Divorce.....	FSME .....	1234
Imputation Flag for Last Worked Before Disability .....	IMP-1822 .....	1043
Imputation Flag for Marriage End in Widowhood or Divorce.....	FFME.....	1233
Imputation Flag for Month and Year Married First Time.....	FAFM.....	1223
Imputation Flag for Month and Year Married Most Recently .....	FALM.....	1229
Imputation Flag for Month and Year Married Second Time.....	FAFT.....	1224
Imputation Flag for Month and Year Married Second Time.....	FASM .....	1226
Imputation Flag for Month and Year of Work Disability.....	IMP-3438.....	1049

<u>Item</u>	<u>Mnemonic</u>	<u>Position</u>
Imputation Flag for Month and Year Quit Living With Spouse.....	FAFS .....	1225
Imputation Flag for Month and Year Widowed/Divorced Second.....	FAST .....	1227
Imputation Flag for Number of Times Married.....	FTIM .....	1232
Imputation Flag for When Stopped Living With Spouse.....	FALS.....	1231
Imputation Flag for When Stopped Living With Spouse 2nd Time .....	FASS .....	1228
Imputation Flag for When Widowed/Divorced Most Recently.....	FALT .....	1230
Imputation Flag for When Work Disability Began .....	IMP-1014.....	1041
Imputation Flags for Education and Training History .....	TM-IFD0:15 .....	1143
Imputation Flags for Employment .....	IMP-8218:94.....	967
Imputation Flags for Fertility History .....	TM-FER1:9.....	1347
Imputation Flags for Household Relationships .....	ALTM9332:9716.....	595
Imputation Flags for Migration History.....	TM-MIG1:14 .....	1280
Imputation Flags for Reciprocity History .....	TM-IFA0:39 .....	843
Imputation Flags for Work Disability.....	IMP-8306:46.....	1038
Imputed Industry Code .....	IMP-IND .....	996
Imputed Occupation Code .....	IMP-OCC.....	997
Income Types or Special Indicators - Check Item T2.....	TM8002 .....	687
Index From Core, Person.....	PINX.....	18
Industry Code .....	TMIND3 .....	928
Interview Obtained in Wave 1 - Check Item T1 .....	TM8000 .....	686
Interview Status Code .....	ITEM36B .....	22
Interview Status, Person's.....	INTVW .....	24
ISS Code for Worked Marked - Check Item T17.....	TM8210 .....	889
ISS Codes Marked - Check Item T13 .....	TM8148 .....	841
ISS Codes or Asset Codes - Eighth Source.....	TM8046 .....	751
ISS Codes or Asset Codes - Fifth Source .....	TM8028 .....	724
ISS Codes or Asset Codes - First Source .....	TM8004 .....	688
ISS Codes or Asset Codes - Fourth Source.....	TM8022 .....	715
ISS Codes or Asset Codes - Second Source.....	TM8010 .....	697
ISS Codes or Asset Codes - Seventh Source.....	TM8040 .....	742
ISS Codes or Asset Codes - Sixth Source .....	TM8034 .....	733
ISS Codes or Asset Codes - Third Source.....	TM8016 .....	706
ISS Reciprocity Starting Month - Eighth Source .....	TM8048 .....	754
ISS Reciprocity Starting Month - Fifth Source.....	TM8030 .....	727
ISS Reciprocity Starting Month - First Source.....	TM8006 .....	691
ISS Reciprocity Starting Month - Fourth Source.....	TM8024 .....	718
ISS Reciprocity Starting Month - Second Source.....	TM8012 .....	700
ISS Reciprocity Starting Month - Seventh Source .....	TM8042 .....	745
ISS Reciprocity Starting Month - Sixth Source.....	TM8036 .....	736
ISS Reciprocity Starting Month - Third Source .....	TM8018 .....	709
ISS Reciprocity Starting Year - Eighth Source.....	TM8050 .....	756
ISS Reciprocity Starting Year - Fifth Source.....	TM8032 .....	729
ISS Reciprocity Starting Year - First Source.....	TM8008 .....	693
ISS Reciprocity Starting Year - Fourth Source.....	TM8026 .....	720
ISS Reciprocity Starting Year - Second Source.....	TM8014 .....	702
ISS Reciprocity Starting Year - Seventh Source .....	TM8044 .....	747
ISS Reciprocity Starting Year - Sixth Source.....	TM8038 .....	738
ISS Reciprocity Starting Year - Third Source .....	TM8020 .....	711
Job Never Lasted for Two Weeks or More.....	TM8252 .....	925
Job Training Apprenticeship Program .....	TM8472 .....	1115
Job Training at Business, Commercial, or Vocational School .....	TM8474 .....	1116
Job Training at Junior or Community College.....	TM8476 .....	1117
Job Training in 4-Year College or Graduate School.....	TM8478 .....	1118
Job Training in High School Vocation Program .....	TM8480 .....	1119

<u>Item</u>	<u>Mnemonic</u>	<u>Position</u>
Job Training in Military.....	TM8484.....	1121
Job Training Paid For by Employer.....	TM8508.....	1140
Job Training Paid For by Government.....	TM8510.....	1141
Job Training Paid For by Self or Family.....	TM8506.....	1139
Job Training Paid For by Someone Else.....	TM8512.....	1142
Job Training Program at Work.....	TM8482.....	1120
Job Training Received.....	TM8446.....	1102
Job Training Received on Previous Job.....	TM8488.....	1123
Job Training Sources of Assistance.....	TM8458.....	1108
Job Training Sponsored by Comprehensive Employment Training.....	TM8450.....	1104
Job Training Sponsored by Job Training Partnership Act.....	TM8448.....	1103
Job Training Sponsored by Trade Adjustment Assistance.....	TM8454.....	1106
Job Training Sponsored by Veterans' Training Programs.....	TM8456.....	1107
Job Training Sponsored by Work Incentive Program.....	TM8452.....	1105
Job Training Started in Which Month.....	TM8498.....	1128
Job Training Started in Which Year.....	TM8500.....	1130
Job Training Through Correspondence Course.....	TM8486.....	1122
Job Training Through Other Sources.....	TM8494.....	1126
Job Training Through Sheltered Workshop.....	TM8490.....	1124
Job Training Through Vocational Rehabilitation Centers.....	TM8492.....	1125
Job Training Used on Most Recent Job.....	TM8496.....	1127
Job Training Was Classroom Training - Basic Education.....	TM8462.....	1110
Job Training Was Classroom Training - Job Skills.....	TM8460.....	1109
Job Training Was On-The-Job Training.....	TM8464.....	1111
Job Training Was Through Job Search Assistance.....	TM8466.....	1112
Job Training Was Through Other Source.....	TM8470.....	1114
Job Training Was Through Work Experience.....	TM8468.....	1113
Job Training, Attendance in.....	TM8504.....	1137
Job Training, Number of Weeks Attended.....	TM8502.....	1134
Labor Union Contract at Job.....	TM8232.....	905
Labor Union Member at Job.....	TM8230.....	904
Last Worked Between 1976 and 1988 - Check Item T20.....	TM8254.....	927
Marital Cohabitation Ended in Which Month.....	TM8616.....	1175
Marital Cohabitation Ended in Which Month, Second.....	TM8634.....	1196
Marital Cohabitation Ended in Which Year.....	TM8618.....	1177
Marital Cohabitation Ended in Which Year, Second.....	TM8636.....	1198
Marital Cohabitation Stopped in Which Month, Most Recent.....	TM8652.....	1217
Marital Cohabitation Stopped in Which Year, Most Recent.....	TM8654.....	1219
Marital Status.....	MS.....	48
Marital Status.....	TM8600.....	1159
Marital Status, Current - Check Item T39.....	TM8644.....	1209
Marriage End in Widowhood or Divorce, Second.....	TM8626.....	1188
Marriage Ended in Which Month, Most Recent.....	TM8646.....	1210
Marriage Ended in Which Month, Second.....	TM8628.....	1189
Marriage Ended in Which Year, Most Recent.....	TM8648.....	1212
Marriage Ended in Which Year, Second.....	TM8630.....	1191
Marriage Ended in Widowhood - Check Item T33.....	TM8614.....	1174
Marriage Ended in Widowhood or Divorce in Which Month.....	TM8610.....	1168
Marriage Ended in Widowhood or Divorce in Which Year.....	TM8612.....	1170
Marriage Ended in Widowhood or Divorce, First.....	TM8608.....	1167
Marriages, Number of.....	TM8602.....	1160
Married in Which Month the First Time.....	TM8604.....	1161
Married in Which Month the Second Time.....	TM8622.....	1182
Married in Which Month, Most Recently.....	TM8640.....	1203

<u>Item</u>	<u>Mnemonic</u>	<u>Position</u>
Married in Which Year the First Time .....	TM8606 .....	1163
Married in Which Year the Second Time.....	TM8624 .....	1184
Married in Which Year, Most Recently .....	TM8642 .....	1205
Married, Number of Times .....	TM8620 .....	1181
Medicaid Coverage, Beginning Month of.....	TM8118 .....	810
Medicaid Coverage, Beginning of .....	TM8122 .....	816
Medicaid Coverage, Beginning Year of.....	TM8120 .....	812
Medicaid Marked for Wave 1 - Check Item T8.....	TM8114 .....	808
Moved in Which Month .....	TM8700 .....	1235
Moved in Which Year .....	TM8702 .....	1237
Naturalized Citizen of United States.....	TM8734 .....	1278
Naturalized Citizens' Arrival Date in United States .....	TM8736 .....	1279
Occupation Code.....	TMIND4 .....	931
Person Number A-N.....	TM9272:98 .....	62
Person Number A-N - Unedited.....	U-TM9272:98 .....	329
Person Number of First Child .....	TM8764 .....	1310
Person Number of Last Child - Check Item T47 .....	TM8788 .....	1332
Person Number of Parent .....	PNPT .....	52
Person Number of Second Child.....	TM8770 .....	1319
Person Number of Second Child with 3+ Siblings.....	TM8800 .....	1344
Person Number of Spouse .....	PNSP .....	49
Person Number, Edited.....	PNUM.....	27
Previous Residence in Different Country.....	TM8708 .....	1244
Previous Residence in Different State .....	TM8706 .....	1242
Previous Residence in Same State.....	TM8704 .....	1241
Race - Edited and Imputed .....	RACE.....	47
Reference Person - Check Item T11.....	TM8138 .....	833
Relationship in the Household.....	TM9300:9716 .....	104
Relationship to Reference Person, Edited.....	RRP .....	42
Relationship in the Household - Unedited.....	U-TM9300:9716 .....	371
Resided in Another State or Foreign Country .....	TM8718 .....	1260
Resided in Another State or Foreign Country From What Month.....	TM8722 .....	1263
Resided in Another State or Foreign Country From What Year.....	TM8724 .....	1265
Resided in Another State or Foreign Country to What Month.....	TM8726 .....	1269
Resided in Another State or Foreign Country to What Year.....	TM8728 .....	1271
Resided in Previous Residence From What Month .....	TM8710 .....	1248
Resided in Previous Residence From What Year .....	TM8712 .....	1250
Resided in Previous Residence to What Month .....	TM8714 .....	1254
Resided in Previous Residence to What Year.....	TM8716 .....	1256
Resided in Residence During What Period of Time .....	TM8709 .....	1246
Resided in Which State or Foreign Country.....	TM8720 .....	1261
Residence of Last Child .....	TM8786 .....	1330
Residence of Second Child with 3+ Siblings.....	TM8798 .....	1342
Rotation Group.....	ROTATION.....	15
School Attendance - Last Month Attended Elementary or HS.....	TM8402 .....	1054
School Attendance - Last Year Attended Elementary or HS.....	TM8404 .....	1056
School, When Last Attended .....	TM8406 .....	1060
Second Child Born on or After Jan. 1, 1960 - Check Item T49 .....	TM8796 .....	1341
Sequence Number of Sample Unit.....	SUSEQNUM .....	1
Sex - Edited and Imputed .....	SEX .....	46
SSI Application for Benefits .....	TM8100 .....	796
SSI Benefits Starting Month.....	TM8104 .....	798
SSI Benefits Starting Year.....	TM8106 .....	800
SSI Benefits, Number of Months Received .....	TM8110 .....	806

<u>Item</u>	<u>Mnemonic</u>	<u>Position</u>
SSI Benefits, Number of Years Received .....	TM8108 .....	804
SSI Benefits, Reciprocity of .....	TM8102 .....	797
SSI or AFDC Marked for Wave 1 - Check Item T9 .....	TM8116 .....	809
SSI Reciprocity - Check Item T7 .....	TM8096 .....	794
SSI Reciprocity, Previous .....	TM8098 .....	795
State Code, FIPS .....	STATE .....	16
Time Out of Labor Force Lasting 6 Months or More .....	TM8286 .....	955
Wave 2 Interview Obtained for Spouse - Check Item T38 .....	TM8638 .....	1202
Wave Number Within Panel .....	Wave .....	60
Weight, Second Stage Factor .....	FINALWGT .....	30
Widowed Marked - Check Item T40 .....	TM8650 .....	1216
Widowhood Marked - Check Item T37 .....	TM8632 .....	1195
Work 35 or More Hours Per Week During Reference Period .....	TM8340 .....	1034
Work at Job or Business, Reason Did Not .....	TM8294 .....	966
Work Disability Began In What Month .....	TM8334 .....	1026
Work Disability Began in What Year .....	TM8336 .....	1028
Work Disability Date Not Applicable .....	TM8338 .....	1032
Work for Employer or Self-Employed .....	TM8266 .....	934
Work Full or Part Time .....	TM8342 .....	1035
Work Limitation Began Before Working Age or After Retirement .....	TM8314 .....	1009
Work Limitation Began When Employed .....	TM8316 .....	1011
Work Limitation Began, Last Time Worked Before .....	TM8322 .....	1018
Work Limitation Began, Month in Which .....	TM8310 .....	1003
Work Limitation Began, Month Worked Before .....	TM8318 .....	1012
Work Limitation Began, Year in Which .....	TM8312 .....	1005
Work Limitation Began, Year Worked Before .....	TM8320 .....	1014
Work Limitation Caused by Accident or Injury .....	TM8326 .....	1022
Work Limitation Caused by What Health Condition .....	TM8324 .....	1020
Work Limitation Occurred Where .....	TM8328 .....	1023
Work Limitations Caused by Health or Condition .....	TM8306 .....	1001
Work Limitations Caused by Physical, Mental or Other Health .....	TM8308 .....	1002
Work Prevented by Health or Condition .....	TM8332 .....	1025
Work Regularly, Occasionally, or Irregularly .....	TM8344 .....	1036
Work Same as Before Work Limitation Began .....	TM8346 .....	1037
Work Starting Month .....	TM8268 .....	935
Work Starting Year .....	TM8270 .....	937
Work Stopped, Main Reason That .....	TM8272 .....	941
Work Type Performed for How Many Months .....	TM8236 .....	908
Work Type Performed for How Many Years .....	TM8234 .....	906
Worked at Least Six Months During Year .....	TM8276 .....	947
Worked at Least Six Months During Year Since 1976 .....	TM8282 .....	952
Worked at Least Six Months for How Many Years .....	TM8278 .....	949
Worked at Paid Job or Business, Last Month .....	TM8240 .....	910
Worked at Paid Job or Business, Last Year .....	TM8242 .....	912
Worked for 2 Consecutive Weeks or More, Last .....	TM8244 .....	916
Worked for 2 Consecutive Weeks or More, Reasons Never .....	TM8246 .....	918
Worked for Six Months or Longer, Reason .....	TM8274 .....	943
Worked Last at Job or Business Before This Job, Month .....	TM8248 .....	919
Worked Last at Job or Business Before This Job, Year .....	TM8250 .....	921
Worked Marked on ISS - Check Item T26 .....	TM8330 .....	1024
Worked Six Months Between 1976 and 1988-Check Item T21 .....	TM8280 .....	951
Worked Six Months or More, Year - Check Item T22 .....	TM8284 .....	954
Working at Job or Business for 6 Months, Times Without .....	TM8288 .....	956
Working at Job or Business, Time Without - Beginning Year .....	TM8290 .....	958
Working at Job or Business, Time Without - Ending Year .....	TM8292 .....	962

## VARIABLE LISTING TO 1990 WAVE 2 TOPICAL MODULE

<u>Mnemonic</u>	<u>Item</u>	<u>Position</u>
ADDID	Address Identification	20
AGE	Age as of Last Birthday - Edited and Imputed	43
ALTM9332:9716	Imputation Flags for Household Relationships	595
CT8700	Computation Flag for Month in Which Moved	1281
CT8710	Computation Flag for Resided in Previous Residence From What Month	1286
CT8714	Computation Flag for Resided in Previous Residence To What Month	1287
CT8722	Computation Flag for Resided in Another State/Country From What Month	1290
CT8726	Computation Flag for Resided in Another State/Country To What Month	1292
ENTRY	Address Identification - Edited Entry	25
ETHNICTY	Ethnic Origin	58
FAFM	Imputation Flag for Month and Year Married First Time	1223
FAFS	Imputation Flag for Month and Year Quit Living With Spouse	1225
FAFT	Imputation Flag for Month and Year Married Second Time	1224
FALM	Imputation Flag for Month and Year Married Most Recently	1229
FALS	Imputation Flag for When Stopped Living With Spouse	1231
FALT	Imputation Flag for When Widowed/Divorced Most Recently	1230
FASM	Imputation Flag for Month and Year Married Second Time	1226
FASS	Imputation Flag for When Stopped Living With Spouse 2nd Time	1228
FAST	Imputation Flag for Month and Year Widowed/Divorced Second	1227
FFME	Imputation Flag for Marriage End in Widowhood or Divorce	1233
FINALWGT	Weight, Second Stage Factor	30
FSME	Imputation Flag for 2nd Marriage End in Widowhood or Divorce	1234
FTIM	Imputation Flag for Number of Times Married	1232
GRD-CMPL	Grade Attended Was Completed, Highest	57
HIGRADE	Grade or Year of School Attended, Highest	55
ID	Identifier, Sample Unit	6
IMP-1014	Imputation Flag for When Work Disability Began	1041
IMP-1822	Imputation Flag for Last Worked Before Disability	1043
IMP-3438	Imputation Flag for Month and Year of Work Disability	1049
IMP-8218:94	Imputation Flags for Employment	967
IMP-8306:46	Imputation Flags for Work Disability	1038
IMP-IND	Imputed Industry Code	996
IMP-OCC	Imputed Occupation Code	997
INTVW	Interview Status, Person's	24
ITEM36B	Interview Status Code	22
MS	Marital Status	48
PINX	Index From Core, Person	18
PNPT	Person Number of Parent	52
PNSP	Person Number of Spouse	49
PNUM	Person Number, Edited	27
ROTATION	Rotation Group	15
RRP	Relationship to Reference Person, Edited	42
RACE	Race - Edited and Imputed	47
SEX	Sex - Edited and Imputed	46
STATE	State Code, FIPS	16
SUSEQNUM	Sequence Number of Sample Unit	1
TM-FER1:9	Imputation Flags for Fertility History	1347
TM-IFA0:39	Imputation Flags for Reciprocity History	843
TM-IFD0:15	Imputation Flags for Education and Training History	1143
TM-MIG1:14	Imputation Flags for Migration History	1280
TM8000	Interview Obtained in Wave 1 - Check Item T1	686
TM8002	Income Types or Special Indicators - Check Item T2	687
TM8004	ISS Codes or Asset Codes - First Source	688

<u>Mnemonic</u>	<u>Item</u>	<u>Position</u>
TM8006	ISS Reciprocity Starting Month - First Source	691
TM8008	ISS Reciprocity Starting Year - First Source	693
TM8010	ISS Codes or Asset Codes - Second Source	697
TM8012	ISS Reciprocity Starting Month - Second Source	700
TM8014	ISS Reciprocity Starting Year - Second Source	702
TM8016	ISS Codes or Asset Codes - Third Source	706
TM8018	ISS Reciprocity Starting Month - Third Source	709
TM8020	ISS Reciprocity Starting Year - Third Source	711
TM8022	ISS Codes or Asset Codes - Fourth Source	715
TM8024	ISS Reciprocity Starting Month - Fourth Source	718
TM8026	ISS Reciprocity Starting Year - Fourth Source	720
TM8028	ISS Codes or Asset Codes - Fifth Source	724
TM8030	ISS Reciprocity Starting Month - Fifth Source	727
TM8032	ISS Reciprocity Starting Year - Fifth Source	729
TM8034	ISS Codes or Asset Codes - Sixth Source	733
TM8036	ISS Reciprocity Starting Month - Sixth Source	736
TM8038	ISS Reciprocity Starting Year - Sixth Source	738
TM8040	ISS Codes or Asset Codes - Seventh Source	742
TM8042	ISS Reciprocity Starting Month - Seventh Source	745
TM8044	ISS Reciprocity Starting Year - Seventh Source	747
TM8046	ISS Codes or Asset Codes - Eighth Source	751
TM8048	ISS Reciprocity Starting Month - Eighth Source	754
TM8050	ISS Reciprocity Starting Year - Eighth Source	756
TM8052	Age 18 Years or Over - Check Item T3	760
TM8054	Food Stamp Reciprocity - Check Item T4	761
TM8056	Food Stamp Reciprocity, Previous	762
TM8058	Food Stamp Application From Federal Government	763
TM8060	Food Stamp Authorization	764
TM8062	Food Stamp Reciprocity Starting Month	765
TM8064	Food Stamp Reciprocity Starting Year	767
TM8066	Food Stamp Reciprocity, Number of Years for	771
TM8068	Food Stamp Reciprocity, Number of Months for	773
TM8072	Food Stamp Reciprocity, Number of Times for	775
TM8074	Designated Parent or Guardian - Check Item T5	777
TM8076	AFDC Reciprocity - Check Item T6	778
TM8078	AFDC Reciprocity, Previous	779
TM8080	AFDC Application for Benefits	780
TM8082	AFDC Reciprocity of Benefits	781
TM8084	AFDC Benefits Starting Month	782
TM8086	AFDC Benefits Starting Year	784
TM8088	AFDC Reciprocity, Number of Years for	788
TM8090	AFDC Reciprocity, Number of Months for	790
TM8094	AFDC Reciprocity, Number of Times for	792
TM8096	SSI Reciprocity - Check Item T7	794
TM8098	SSI Reciprocity, Previous	795
TM8100	SSI Application for Benefits	796
TM8102	SSI Benefits, Reciprocity of	797
TM8104	SSI Benefits Starting Month	798
TM8106	SSI Benefits Starting Year	800
TM8108	SSI Benefits, Number of Years Received	804
TM8110	SSI Benefits, Number of Months Received	806
TM8114	Medicaid Marked for Wave 1 - Check Item T8	808
TM8116	SSI or AFDC Marked for Wave 1 - Check Item T9	809
TM8118	Medicaid Coverage, Beginning Month of	810
TM8120	Medicaid Coverage, Beginning Year of	812

<u>Mnemonic</u>	<u>Item</u>	<u>Position</u>
TM8122	Medicaid Coverage, Beginning of.....	816
TM8124	Health Insurance Plan Coverage - Check Item T10 .....	818
TM8126	Health Insurance Plan, Number of Months Covered by .....	819
TM8128	Health Insurance Plan, Number of Years Covered by .....	821
TM8130	Health Insurance Plan, Length of Time Covered by .....	823
TM8132	Health Insurance Plan, Last Month Covered by .....	825
TM8134	Health Insurance Plan, Last Year Covered by .....	827
TM8136	Health Insurance Plan, Last Period Covered by .....	831
TM8138	Reference Person - Check Item T11 .....	833
TM8140	Housing Unit Public or Subsidized - Check Item T12 .....	834
TM8142	Housing Unit, Number of Months Lived in Subsidized .....	835
TM8144	Housing Unit, Number of Years Lived in Subsidized .....	837
TM8146	Housing Unit, Length of Time Lived in Subsidized .....	839
TM8148	ISS Codes Marked - Check Item T13.....	841
TM8150	Housing Waiting List, Name on Public or Subsidized .....	842
TM8200	Age 18 to 64 - Check Item T14.....	883
TM8202	Employer or Business Listed on CC - Check Item T15 .....	884
TM8206	Employer ID Number - Check Item T16.....	885
TM8208	Business ID Number - Check Item T16.....	887
TM8210	ISS Code for Worked Marked - Check Item T17 .....	889
TM8214	Employer ID Number, Main - Check Item T18.....	890
TM8216	Business ID Number, Main - Check Item T18.....	892
TM8218	Employment Month, Starting.....	894
TM8220	Employment Year, Starting .....	896
TM8222	Employer Number Filled - Check Item T19.....	900
TM8224	Employment Size at Work Location.....	901
TM8226	Business Located at More Than One Location .....	902
TM8228	Employment Size at All Locations.....	903
TM8230	Labor Union Member at Job .....	904
TM8232	Labor Union Contract at Job.....	905
TM8234	Work Type Performed for How Many Years.....	906
TM8236	Work Type Performed for How Many Months .....	908
TM8240	Worked at Paid Job or Business, Last Month.....	910
TM8242	Worked at Paid Job or Business, Last Year .....	912
TM8244	Worked for 2 Consecutive Weeks or More, Last.....	916
TM8246	Worked for 2 Consecutive Weeks or More, Reasons Never .....	918
TM8248	Worked Last at Job or Business Before This Job, Month.....	919
TM8250	Worked Last at Job or Business Before This Job, Year.....	921
TM8252	Job Never Lasted for Two Weeks or More .....	925
TM8254	Last Worked Between 1976 and 1988 - Check Item T20 .....	927
TM8266	Work for Employer or Self-Employed .....	934
TM8268	Work Starting Month.....	935
TM8270	Work Starting Year.....	937
TM8272	Work Stopped, Main Reason That .....	941
TM8274	Worked for Six Months or Longer, Reason .....	943
TM8276	Worked at Least Six Months During Year.....	947
TM8278	Worked at Least Six Months for How Many Years.....	949
TM8280	Worked Six Months Between 1976 and 1988-Check Item T21.....	951
TM8282	Worked at Least Six Months During Year Since 1976.....	952
TM8284	Worked Six Months or More, Year - Check Item T22.....	954
TM8286	Time Out of Labor Force Lasting 6 Months or More .....	955
TM8288	Working at Job or Business for 6 Months, Times Without .....	956
TM8290	Working at Job or Business, Time Without - Beginning Year .....	958
TM8292	Working at Job or Business, Time Without - Ending Year .....	962
TM8294	Work at Job or Business, Reason Did Not .....	966

<u>Mnemonic</u>	<u>Item</u>	<u>Position</u>
TM8300	Age of Respondent - Check Item T23	998
TM8302	Disabled Marked on ISS - Check Item T24	999
TM8304	Disabled Marked on CC - Check Item T25	1000
TM8306	Work Limitations Caused by Health or Condition	1001
TM8308	Work Limitations Caused by Physical, Mental or Other Health	1002
TM8310	Work Limitation Began, Month in Which	1003
TM8312	Work Limitation Began, Year in Which	1005
TM8314	Work Limitation Began Before Working Age or After Retirement	1009
TM8316	Work Limitation Began When Employed	1011
TM8318	Work Limitation Began, Month Worked Before	1012
TM8320	Work Limitation Began, Year Worked Before	1014
TM8322	Work Limitation Began, Last Time Worked Before	1018
TM8324	Work Limitation Caused by What Health Condition	1020
TM8326	Work Limitation Caused by Accident or Injury	1022
TM8328	Work Limitation Occurred Where	1023
TM8330	Worked Marked on ISS - Check Item T26	1024
TM8332	Work Prevented by Health or Condition	1025
TM8334	Work Disability Began in What Month	1026
TM8336	Work Disability Began in What Year	1028
TM8338	Work Disability Date Not Applicable	1032
TM8340	Work 35 or More Hours Per Week During Reference Period	1034
TM8342	Work Full or Part Time	1035
TM8344	Work Regularly, Occasionally, or Irregularly	1036
TM8346	Work Same as Before Work Limitation Began	1037
TM8400	Grade Attended, Highest - Check Item T28	1053
TM8402	School Attendance - Last Month Attended Elementary or HS	1054
TM8404	School Attendance - Last Year Attended Elementary or HS	1056
TM8406	School, When Last Attended	1060
TM8408	High School Diploma, Receipt of	1061
TM8410	High School Diploma Received in Which Month	1062
TM8412	High School Diploma Received in Which Year	1064
TM8414	High School Attended, Type of	1068
TM8416	College Attendance at Least One Year - Check Item T29	1069
TM8418	College Attendance Began in Which Month	1070
TM8420	College Attendance Began in Which Year	1072
TM8422	Degree Earned Beyond High School, Highest	1076
TM8424	Degree Earned in Which Month	1077
TM8426	Degree Earned in Which Year	1079
TM8428	Degree Received in Which Field of Study	1083
TM8430	Degree Higher Than Bachelor's	1085
TM8432	Bachelor's Degree Received in Which Month	1086
TM8434	Bachelor's Degree Received in Which Year	1088
TM8436	College Courses Taken in Which Field of Study	1092
TM8438	College Attendance, Last Month of	1094
TM8440	College Attendance, Last Year of	1096
TM8442	College Attendance, Last Date of	1100
TM8444	Age 65 year or Over- Check Item T31	1101
TM8446	Job Training Received	1102
TM8448	Job Training Sponsored by Job Training Partnership Act	1103
TM8450	Job Training Sponsored by Comprehensive Employment Training	1104
TM8452	Job Training Sponsored by Work Incentive Program	1105
TM8454	Job Training Sponsored by Trade Adjustment Assistance	1106
TM8456	Job Training Sponsored by Veterans' Training Programs	1107
TM8458	Job Training Sources of Assistance	1108
TM8460	Job Training Was Classroom Training - Job Skills	1109

<u>Mnemonic</u>	<u>Item</u>	<u>Position</u>
TM8462	Job Training Was Classroom Training - Basic Education	1110
TM8464	Job Training Was On-The-Job Training	1111
TM8466	Job Training Was Through Job Search Assistance	1112
TM8468	Job Training Was Through Work Experience	1113
TM8470	Job Training Was Through Other Source	1114
TM8472	Job Training Apprenticeship Program	1115
TM8474	Job Training at Business, Commercial, or Vocational School	1116
TM8476	Job Training at Junior or Community College	1117
TM8478	Job Training in 4-Year College or Graduate School	1118
TM8480	Job Training in High School Vocation Program	1119
TM8482	Job Training Program at Work	1120
TM8484	Job Training in Military	1121
TM8486	Job Training Through Correspondence Course	1122
TM8488	Job Training Received on Previous Job	1123
TM8490	Job Training Through Sheltered Workshop	1124
TM8492	Job Training Through Vocational Rehabilitation Centers	1125
TM8494	Job Training Through Other Sources	1126
TM8496	Job Training Used on Most Recent Job	1127
TM8498	Job Training Started in Which Month	1128
TM8500	Job Training Started in Which Year	1130
TM8502	Job Training, Number of Weeks Attended	1134
TM8504	Job Training, Attendance in	1137
TM8506	Job Training Paid For by Self or Family	1139
TM8508	Job Training Paid For by Employer	1140
TM8510	Job Training Paid For by Government	1141
TM8512	Job Training Paid For by Someone Else	1142
TM8600	Marital Status	1159
TM8602	Marriages, Number of	1160
TM8604	Married in Which Month the First Time	1161
TM8606	Married in Which Year the First Time	1163
TM8608	Marriage Ended in Widowhood or Divorce, First	1167
TM8610	Marriage Ended in Widowhood or Divorce in Which Month	1168
TM8612	Marriage Ended in Widowhood or Divorce in Which Year	1170
TM8614	Marriage Ended in Widowhood - Check Item T33	1174
TM8616	Marital Cohabitation Ended in Which Month	1175
TM8618	Marital Cohabitation Ended in Which Year	1177
TM8620	Married, Number of Times	1181
TM8622	Married in Which Month the Second Time	1182
TM8624	Married in Which Year the Second Time	1184
TM8626	Marriage End in Widowhood or Divorce, Second	1188
TM8628	Marriage Ended in Which Month, Second	1189
TM8630	Marriage Ended in Which Year, Second	1191
TM8632	Widowhood Marked - Check Item T37	1195
TM8634	Marital Cohabitation Ended in Which Month, Second	1196
TM8636	Marital Cohabitation Ended in Which Year, Second	1198
TM8638	Wave 2 Interview Obtained for Spouse - Check Item T38	1202
TM8640	Married in Which Month, Most Recently	1203
TM8642	Married in Which Year, Most Recently	1205
TM8644	Marital Status, Current - Check Item T39	1209
TM8646	Marriage Ended in Which Month, Most Recent	1210
TM8648	Marriage Ended in Which Year, Most Recent	1212
TM8650	Widowed Marked - Check Item T40	1216
TM8652	Marital Cohabitation Stopped in Which Month, Most Recent	1217
TM8654	Marital Cohabitation Stopped in Which Year, Most Recent	1219
TM8700	Moved in Which Month	1235

<u>Mnemonic</u>	<u>Item</u>	<u>Position</u>
TM8702	Moved in Which Year	1237
TM8704	Previous Residence in Same State	1241
TM8706	Previous Residence in Different State	1242
TM8708	Previous Residence in Different Country	1244
TM8709	Resided in Residence During What Period of Time	1246
TM8710	Resided in Previous Residence From What Month	1248
TM8712	Resided in Previous Residence From What Year	1250
TM8714	Resided in Previous Residence to What Month	1254
TM8716	Resided in Previous Residence to What Year	1256
TM8718	Resided in Another State or Foreign Country	1260
TM8720	Resided in Which State or Foreign Country	1261
TM8722	Resided in Another State or Foreign Country From What Month	1263
TM8724	Resided in Another State or Foreign Country From What Year	1265
TM8726	Resided in Another State or Foreign Country to What Month	1269
TM8728	Resided in Another State or Foreign Country to What Year	1271
TM8730	Born in Which State or Foreign Country	1275
TM8732	Born in Which Foreign Country - Check Item T39	1277
TM8734	Naturalized Citizen of United States	1278
TM8736	Naturalized Citizens' Arrival Date in United States	1279
TM8750	Age and Sex - Check Item T42	1297
TM8752	Children Fathered, Number of	1298
TM8754	Children Born, Number of	1300
TM8756	Age 65 Years or Over	1302
TM8758	Children Currently Living in Household	1303
TM8760	Birth Month of First Child	1304
TM8762	Birth Year of First Child	1306
TM8764	Person Number of First Child	1310
TM8766	Birth Month of Second Child	1313
TM8768	Birth Year of Second Child	1315
TM8770	Person Number of Second Child	1319
TM8778	Children Ever Had - Check Item T45	1322
TM8780	Birth Month of Last Child Currently Living in Household	1323
TM8782	Birth Year of Last Child Currently Living in Household	1325
TM8784	Born on or After January 1, 1960 - Check Item T46	1329
TM8786	Residence of Last Child	1330
TM8788	Person Number of Last Child - Check Item T47	1332
TM8792	Birth Month of Second Child with 3+ Siblings	1335
TM8794	Birth Year of Second Child with 3+ Siblings	1337
TM8796	Second Child Born on or After Jan. 1, 1960 - Check Item T49	1341
TM8798	Residence of Second Child with 3+ Siblings	1342
TM8800	Person Number of Second Child with 3+ Siblings	1344
TM9266	Household Composition - Check Item T53	61
TM9272:98	Person Number A-N	62
TM9300:9716	Relationship in the Household	104
TMIND3	Industry Code	928
TMIND4	Occupation Code	931
U-TM9266	Composition of Household, Unedited - Check Item T51	328
U-TM9272:98	Person Number A-N - Unedited	329
U-TM9300:9716	Relationship in the Household - Unedited	371
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
```



# SIPP 1990 TOPICAL MODULE WAVE 2 DATA DICTIONARY

DATA	SIZE	BEGIN	
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 = (00000000:99999999)
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	
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 ITEM368	2	22	Control card item 368 - interview status code
U			All households
V	1		.Interviewed
V			.Type A noninterview
V	2		.No one home
V	3		.Temporarily absent
V	4		.Refused
V	5		.Unable to locate
V	6		.Other Type A
V			.Type B noninterview (Wave 1)
V	9		.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 .or storage
V	14		.Unoccupied site for mobile home, .trailer, or tent
V	15		.Permit granted, construction not .started
V	16		.Other Type B
V			.Type B noninterview (Wave 2+)
V	16		.Entire hh institutionalized .or temporarily ineligible
V			.Type C noninterview (Wave 1)
V	17		.Demolished
V	18		.House or trailer moved
V	19		.Converted to permanent business .or storage
V	20		.Merged
V	21		.Condemned
V	22		.Other Type C
V			.Type C noninterview (Wave 2+)
V	22		.Deleted (sample adjustment, .error)
V	23		.Entire household deceased, .moved out of country, or .living in armed forces barracks
V			.Type D noninterview (Wave 2+)
V	24		.Moved, address unknown
V	25		.Moved within country beyond .limit
V	26		.All sample persons relisted on .new control card(s)
D INTW	1	24	Person's interview status
U			All persons, including children
V	0		.Not applicable (children .under 15)
V	1		.Interview (self)
V	2		.Interview (proxy)
V	3		.Noninterview - Type Z refusal
V	4		.Noninterview - Type Z other

SIPP 1990 TOPICAL MODULE WAVE 2

DATA            SIZE   BEGIN

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            0 .Less than 1 full year  
 V            1 .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

DATA            SIZE   BEGIN

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  
               .month  
 V            999 .Not applicable

D PNPT            3        52  
     Prson number of parent  
 U Persons 15 years old or older  
 V            000 .Not a sample person in this  
               .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,  
               .did not attend or attended only  
               .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 ETHNICITY      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  
               .(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        60  
     Wave number within Panel

```

DATA      SIZE BEGIN
*****
*      Part I: Household Relationship      *
*      Edited Version                      *
*****
D TM9266   1   61
  Check item T51
  What is the composition of this
  household ?
U Persons 15 years of age or older
V          0 .Not in universe
V          1 .One person HH - skip to SC5000
V          2 .Two person HH consisting of
V          .husband and wife - skip to
V          .SC5000
V          3 .Two person HH consisting of
V          .non-relatives - skip to SC5000
V          4 .Other
*****
*COMMENT *
* The following questions are skipped *
* by all households which are defined *
* as group quarters in the core edits. *
* *
* The following fields (TM9272 - *
* TM9298) are the person number of *
* the persons living in the household *
* (listed horizontally). *
* Valid person numbers are: *
* 101 - 124, 180 - 199, *
* 201 - 224, 280 - 299, *
* 301 - 324, 380 - 399, *
* 401 - 424, 480 - 499 *
*v 000 .Not in universe *
*v 988 .Both entry fields are blank *
*v .and the matrix cells are *
*v .also blank. *
*v 999 .Both column and roster *
*v .entries are blank but matrix *
*v .entries are not all blank. *
* *
* What is the exact relationship of *
* (person listed in roster) to *
* (each person listed A - N)? *
*****
D TM9272   3   62
  Person number for A
U Reference persons living in other than one
person household, two person household
consisting of husband and wife or two
person household consisting of non-relative

D TM9274   3   65
  Person number for B
U Reference persons living in other than one
person household, two person household
consisting of husband and wife or two
person household consisting of non-relative

D TM9276   3   68
  Person number for C
U Reference persons living in other than one
person household, two person household
consisting of husband and wife or two
person household consisting of non-relative

D TM9278   3   71
  Person number for D
U Reference persons living in other than one
person household, two person household
consisting of husband and wife or two
person household consisting of non-relative

```

```

DATA      SIZE BEGIN
D TM9280   3   74
  Person number for E
U Reference persons living in other than one
person household, two person household
consisting of husband and wife or two
person household consisting of non-relative

D TM9282   3   77
  Person number for F
U Reference persons living in other than one
person household, two person household
consisting of husband and wife or two
person household consisting of non-relative

D TM9284   3   80
  Person number for G
U Reference persons living in other than one
person household, two person household
consisting of husband and wife or two
person household consisting of non-relative

D TM9286   3   83
  Person number for H
U Reference persons living in other than one
person household, two person household
consisting of husband and wife or two
person household consisting of non-relative

D TM9288   3   86
  Person number for I
U Reference persons living in other than one
person household, two person household
consisting of husband and wife or two
person household consisting of non-relative

D TM9290   3   89
  Person number for J
U Reference persons living in other than one
person household, two person household
consisting of husband and wife or two
person household consisting of non-relative

D TM9292   3   92
  Person number for K
U Reference persons living in other than one
person household, two person household
consisting of husband and wife or two
person household consisting of non-relative

D TM9294   3   95
  Person number for L
U Reference persons living in other than one
person household, two person household
consisting of husband and wife or two
person household consisting of non-relative

D TM9296   3   98
  Person number for M
U Reference persons living in other than one
person household, two person household
consisting of husband and wife or two
person household consisting of non-relative

D TM9298   3  101
  Person number for N
U Reference persons living in other than one
person household, two person household
consisting of husband and wife or two
person household consisting of non-relative

```

SIPP 1990 TOPICAL MODULE WAVE 2

DATA	SIZE	BEGIN
*****		
*COMMENT		*
* The next fields (TM9300 - TM9716		*
* are possible answers to the question:		*
* What is the exact relationship of		*
* (person listed in roster [listed		*
* vertically] ) to (person listed		*
* A - N [listed horizontally] )?		*
* Roster:		*
*****		
D TM9300	3	104
Person number in roster		
Valid person numbers are:		
101 - 124, 180 - 199,		
201 - 224, 280 - 299,		
301 - 324, 380 - 399,		
401 - 424, 480 - 499		
U Reference persons living in other than		
one person household, two person		
household consisting of husband and wife		
or two person household consisting of		
non-relative		
V	0	.Not in universe
D TM9330	3	107
Person number in roster		
Valid person numbers are:		
101 - 124, 180 - 199,		
201 - 224, 280 - 299,		
301 - 324, 380 - 399,		
401 - 424, 480 - 499		
U Reference persons living in other than		
one person household, two person		
household consisting of husband and wife		
or two person household consisting of		
non-relative		
V	000	.Not in universe
D TM9332	2	110
Relationship		
U Reference persons living in other than		
one person household, two person		
household consisting of husband and wife		
or two person household consisting of		
non-relative		
V		.Spouse:
V	01	.Husband
V	02	.Wife
V		.Parent:
V	10	.Natural father(biological)
V	11	.Stepfather
V	12	.Adoptive father
V	13	.Foster father
V	14	.Natural mother
V	15	.Stepmother
V	16	.Adoptive mother
V	17	.Foster mother
V	18	.Unknown male parent type
V	19	.Unknown female parent type
V		.Child:
V	20	.Natural son
V	21	.Stepson
V	22	.Adopted son
V	23	.Foster son
V	24	.Natural daughter
V	25	.Stepdaughter
V	26	.Adopted daughter
V	27	.Foster daughter
V	28	.Unknown male child type
V	29	.Unknown female child type
V		.Sibling:
V	30	.Full brother
V	31	.Half brother
V	32	.Stepbrother

DATA	SIZE	BEGIN
V	33	.Adoptive brother
V	34	.Full sister
V	35	.Half sister
V	36	.Stepsister
V	37	.Adoptive sister
V	38	.Unknown sibling type
V		.Grandparents:
V	40	.Grandfather
V	41	.Grandmother
V		.Grandchild:
V	42	.Grandson
V	43	.Granddaughter
V		.Uncle/aunt:
V	44	.Uncle
V	45	.Aunt
V		.Nephew/niece:
V	46	.Nephew
V	47	.Niece
V		.In-laws:
V	50	.Father-in-law
V	51	.Mother-in-law
V	52	.Son-in-law
V	53	.Daughter-in-law
V	54	.Brother-in-law
V	55	.Sister-in-law
V		.Other relative:
V	60	.Cousin, etc.
V		.Nonrelative:
V	70	.Not related
V	88	.Member of column with no
V		.responses.
V	98	.Not found
V	99	.No response
D TM9360	3	112
Person number in roster		
Valid person numbers are:		
101 - 124, 180 - 199,		
201 - 224, 280 - 299,		
301 - 324, 380 - 399,		
401 - 424, 480 - 499		
U Reference persons living in other than		
one person household, two person		
household consisting of husband and wife		
or two person household consisting of		
non-relative		
V	0	.Not in universe
*****		
*COMMENT		*
* The next fields(TM9362 thru TM9364)		*
* are relationships in the household.		*
*V		.Spouse:
*V	01	.Husband
*V	02	.Wife
*V		.Parent:
*V	10	.Natural father(biological)
*V	11	.Stepfather
*V	12	.Adoptive father
*V	13	.Foster father
*V	14	.Natural mother
*V	15	.Stepmother
*V	16	.Adoptive mother
*V	17	.Foster mother
*V	18	.Unknown male parent type
*V	19	.Unknown female parent type
*V		.Child:
*V	20	.Natural son
*V	21	.Stepson
*V	22	.Adopted son
*V	23	.Foster son
*V	24	.Natural daughter
*V	25	.Stepdaughter

DATA	SIZE	BEGIN
*V	26	.Adopted daughter
*V	27	.Foster daughter
*V	28	.Unknown male child type
*V	29	.Unknown female child type
*V		.Sibling:
*V	30	.Full brother
*V	31	.Half brother
*V	32	.Stepbrother
*V	33	.Adoptive brother
*V	34	.Full sister
*V	35	.Half sister
*V	36	.Stepsister
*V	37	.Adoptive sister
*V	38	.Unknown sibling type
*V		.Grandparents:
*V	40	.Grandfather
*V	41	.Grandmother
*V		.Grandchild:
*V	42	.Grandson
*V	43	.Granddaughter
*V		.Uncle/aunt:
*V	44	.Uncle
*V	45	.Aunt
*V		.Nephew/niece:
*V	46	.Nephew
*V	47	.Niece
*V		.In-laws:
*V	50	.Father-in-law
*V	51	.Mother-in-law
*V	52	.Son-in-law
*V	53	.Daughter-in-law
*V	54	.Brother-in-law
*V	55	.Sister-in-law
*V		.Other relative:
*V	60	.Cousin,etc.
*V		.Nonrelative:
*V	70	.Not related
*V	88	.Member of column with no responses
*V	98	.Not found
*V	99	.No response

D TM9362 2 115  
 Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D TM9364 2 117  
 Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D TM9390 3 119  
 Person number in roster  
 Valid person numbers are:  
 101 - 124, 180 - 199,  
 201 - 224, 280 - 299,  
 301 - 324, 380 - 399,  
 401 - 424, 480 - 499  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

V 0 .Not in universe

DATA	SIZE	BEGIN
*****		
*COMMENT		
* The next fields (TM9392 thru TM9396)		
* are relationships in the household.		
* Relationship		
*V .Spouse:		
*V 01 .Husband		
*V 02 .Wife		
*V .Parent:		
*V 10 .Natural father(biological)		
*V 11 .Stepfather		
*V 12 .Adoptive father		
*V 13 .Foster father		
*V 14 .Natural mother		
*V 15 .Stepmother		
*V 16 .Adoptive mother		
*V 17 .Foster mother		
*V 18 .Unknown male parent type		
*V 19 .Unknown female parent type		
*V .Child:		
*V 20 .Natural son		
*V 21 .Stepson		
*V 22 .Adopted son		
*V 23 .Foster son		
*V 24 .Natural daughter		
*V 25 .Stepdaughter		
*V 26 .Adopted daughter		
*V 27 .Foster daughter		
*V 28 .Unknown male child type		
*V 29 .Unknown female child type		
*V .Sibling:		
*V 30 .Full brother		
*V 31 .Half brother		
*V 32 .Stepbrother		
*V 33 .Adoptive brother		
*V 34 .Full sister		
*V 35 .Half sister		
*V 36 .Stepsister		
*V 37 .Adoptive sister		
*V 38 .Unknown sibling type		
*V .Grandparents:		
*V 40 .Grandfather		
*V 41 .Grandmother		
*V .Grandchild:		
*V 42 .Grandson		
*V 43 .Granddaughter		
*V .Uncle/aunt:		
*V 44 .Uncle		
*V 45 .Aunt		
*V .Nephew/niece:		
*V 46 .Nephew		
*V 47 .Niece		
*V .In-laws:		
*V 50 .Father-in-law		
*V 51 .Mother-in-law		
*V 52 .Son-in-law		
*V 53 .Daughter-in-law		
*V 54 .Brother-in-law		
*V 55 .Sister-in-law		
*V .Other relative:		
*V 60 .Cousin,etc.		
*V .Nonrelative:		
*V 70 .Not related		
*V 88 .Member of column with no responses		
*V 98 .Not found		
*V 99 .No response		
*****		

D TM9392 2 122  
 Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative



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DATA      SIZE BEGIN
*****
*COMMENT *
* The next fields (TM9452 thru TM9460) *
* are relationships in the household. *
*v      .Spouse: *
*v      01 .Husband *
*v      02 .Wife *
*v      .Parent: *
*v      10 .Natural father(biological) *
*v      11 .Stepfather *
*v      12 .Adoptive father *
*v      13 .Foster father *
*v      14 .Natural mother *
*v      15 .Stepmother *
*v      16 .Adoptive mother *
*v      17 .Foster mother *
*v      18 .Unknown male parent type *
*v      19 .Unknown female parent type *
*v      .Child: *
*v      20 .Natural son *
*v      21 .Stepson *
*v      22 .Adopted son *
*v      23 .Foster son *
*v      24 .Natural daughter *
*v      25 .Stepdaughter *
*v      26 .Adopted daughter *
*v      27 .Foster daughter *
*v      28 .Unknown male child type *
*v      29 .Unknown female child type *
*v      .Sibling: *
*v      30 .Full brother *
*v      31 .Half brother *
*v      32 .Stepbrother *
*v      33 .Adoptive brother *
*v      34 .Full sister *
*v      35 .Half sister *
*v      36 .Stepsister *
*v      37 .Adoptive sister *
*v      38 .Unknown sibling type *
*v      .Grandparents: *
*v      40 .Grandfather *
*v      41 .Grandmother *
*v      .Grandchild: *
*v      42 .Grandson *
*v      43 .Granddaughter *
*v      .Uncle/aunt: *
*v      44 .Uncle *
*v      45 .Aunt *
*v      .Nephew/niece: *
*v      46 .Nephew *
*v      47 .Niece *
*v      .In-laws: *
*v      50 .Father-in-law *
*v      51 .Mother-in-law *
*v      52 .Son-in-law *
*v      53 .Daughter-in-law *
*v      54 .Brother-in-law *
*v      55 .Sister-in-law *
*v      .Other relative: *
*v      60 .Cousin,etc. *
*v      .Nonrelative: *
*v      70 .Not related *
*v      88 .Member of column with no *
*v      .responses *
*v      98 .Not found *
*v      99 .No response *
*****

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D TM9452      2      142
Relationship in the household
U Reference persons living in other than
one person household, two person
household consisting of husband and wife
or two person household consisting of
non-relative

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DATA      SIZE BEGIN
D TM9454      2      144
Relationship in the household
U Reference persons living in other than
one person household, two person
household consisting of husband and
wife or two person household consisting
of non-relative
D TM9456      2      146
Relationship in the household
U Reference persons living in other than
one person household, two person
household consisting of husband and wife
or two person household consisting of
non-relative
D TM9458      2      148
Relationship in the household
U Reference persons living in other than
one person household, two person
household consisting of husband and
wife or two person household consisting
of non-relative
D TM9460      2      150
Relationship in the household
U Reference persons living in other than
one person household, two person
household consisting of husband and wife
or two person household consisting of
non-relative
D TM9480      3      152
Person number in roster
Valid person numbers are:
101 - 124, 180 - 199,
201 - 224, 280 - 299,
301 - 324, 380 - 399,
401 - 424, 480 - 499
U Reference persons living in other than
one person household, two person
household consisting of husband and wife
or two person household consisting of
non-relative
V      0 .Not in universe
*****
*COMMENT *
* The next fields (TM9482 thru TM9492) *
* are relationships in the household. *
*v      .Spouse: *
*v      01 .Husband *
*v      02 .Wife *
*v      .Parent: *
*v      10 .Natural father(biological) *
*v      11 .Stepfather *
*v      12 .Adoptive father *
*v      13 .Foster father *
*v      14 .Natural mother *
*v      15 .Stepmother *
*v      16 .Adoptive mother *
*v      17 .Foster mother *
*v      18 .Unknown male parent type *
*v      19 .Unknown female parent type *
*v      .Child: *
*v      20 .Natural son *
*v      21 .Stepson *
*v      22 .Adopted son *
*v      23 .Foster son *
*v      24 .Natural daughter *
*v      25 .Stepdaughter *
*v      26 .Adopted daughter *

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SIPP 1990 TOPICAL MODULE WAVE 2

DATA	SIZE	BEGIN	
*V	27	.Foster daughter	*
*V	28	.Unknown male child type	*
*V	29	.Unknown female child type	*
*V		.Sibling:	*
*V	30	.Full brother	*
*V	31	.Half brother	*
*V	32	.Stepbrother	*
*V	33	.Adoptive brother	*
*V	34	.Full sister	*
*V	35	.Half sister	*
*V	36	.Stepsister	*
*V	37	.Adoptive sister	*
*V	38	.Unknown sibling type	*
*V		.Grandparents:	*
*V	40	.Grandfather	*
*V	41	.Grandmother	*
*V		.Grandchild:	*
*V	42	.Grandson	*
*V	43	.Granddaughter	*
*V		.Uncle/aunt:	*
*V	44	.Uncle	*
*V	45	.Aunt	*
*V		.Nephew/niece:	*
*V	46	.Nephew	*
*V	47	.Niece	*
*V		.In-laws:	*
*V	50	.Father-in-law	*
*V	51	.Mother-in-law	*
*V	52	.Son-in-law	*
*V	53	.Daughter-in-law	*
*V	54	.Brother-in-law	*
*V	55	.Sister-in-law	*
*V		.Other relative:	*
*V	60	.Cousin, etc.	*
*V		.Nonrelative:	*
*V	70	.Not related	*
*V	88	.Member of column with no	*
*V		.responses	*
*V	98	.Not found	*
*V	99	.No response	*

D TM9482 2 155  
 Relationship in the household  
 U Reference persons living in other than  
 one person household, two person  
 household consisting of husband and wife  
 or two person household consisting of  
 non-relative

D TM9484 2 157  
 Relationship in the household  
 U Reference persons living in other than  
 one person household, two person  
 household consisting of husband and wife  
 or two person household consisting of  
 non-relative

D TM9486 2 159  
 Relationship in the household  
 U Reference persons living in other than  
 one person household, two person  
 household consisting of husband and wife  
 or two person household consisting of  
 non-relative

D TM9488 2 161  
 Relationship in the household  
 U Reference persons living in other than  
 one person household, two person  
 household consisting of husband and wife  
 or two person household consisting of  
 non-relative

D TM9490 2 163

DATA	SIZE	BEGIN	
			Relationship in the household
U			Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D TM9492 2 165  
 Relationship in the household  
 U Reference persons living in other than  
 one person household, two person  
 household consisting of husband and wife  
 or two person household consisting of  
 non-relative

D TM9510 3 167  
 Person number in roster  
 Valid person numbers are:  
 101 - 124, 180 - 199,  
 201 - 224, 280 - 299,  
 301 - 324, 380 - 399,  
 401 - 424, 480 - 499

U Reference persons living in other than  
 one person household, two person  
 household consisting of husband and wife  
 or two person household consisting of  
 non-relative  
 V 0 .Not in universe

\*\*\*\*\*  
 \*COMMENT \*  
 \* The next fields(TM9512 thru TM9524) \*  
 \* are relationships in the household. \*  
 \*V .Spouse: \*  
 \*V 01 .Husband \*  
 \*V 02 .Wife \*  
 \*V .Parent: \*  
 \*V 10 .Natural father(biological) \*  
 \*V 11 .Stepfather \*  
 \*V 12 .Adoptive father \*  
 \*V 13 .Foster father \*  
 \*V 14 .Natural mother \*  
 \*V 15 .Stepmother \*  
 \*V 16 .Adoptive mother \*  
 \*V 17 .Foster mother \*  
 \*V 18 .Unknown male parent type \*  
 \*V 19 .Unknown female parent type \*  
 \*V .Child: \*  
 \*V 20 .Natural son \*  
 \*V 21 .Stepson \*  
 \*V 22 .Adopted son \*  
 \*V 23 .Foster son \*  
 \*V 24 .Natural daughter \*  
 \*V 25 .Stepdaughter \*  
 \*V 26 .Adopted daughter \*  
 \*V 27 .Foster daughter \*  
 \*V 28 .Unknown male child type \*  
 \*V 29 .Unknown female child type \*  
 \*V .Sibling: \*  
 \*V 30 .Full brother \*  
 \*V 31 .Half brother \*  
 \*V 32 .Stepbrother \*  
 \*V 33 .Adoptive brother \*  
 \*V 34 .Full sister \*  
 \*V 35 .Half sister \*  
 \*V 36 .Stepsister \*  
 \*V 37 .Adoptive sister \*  
 \*V 38 .Unknown sibling type \*  
 \*V .Grandparents: \*  
 \*V 40 .Grandfather \*  
 \*V 41 .Grandmother \*  
 \*V .Grandchild: \*  
 \*V 42 .Grandson \*

DATA DICTIONARY

DATA	SIZE	BEGIN	
*V	43	.Granddaughter	*
*V		.Uncle/aunt:	*
*V	44	.Uncle	*
*V	45	.Aunt	*
*V		.Nephew/niece:	*
*V	46	.Nephew	*
*V	47	.Niece	*
*V		.In-laws:	*
*V	50	.Father-in-law	*
*V	51	.Mother-in-law	*
*V	52	.Son-in-law	*
*V	53	.Daughter-in-law	*
*V	54	.Brother-in-law	*
*V	55	.Sister-in-law	*
*V		.Other relative:	*
*V	60	.Cousin,etc.	*
*V		.Nonrelative:	*
*V	70	.Not related	*
*V	88	.Member of column with no	*
*V		.responses	*
*V	98	.Not found	*
*V	99	.No response	*

D TM9512 2 170  
Relationship in the household  
U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D TM9514 2 172  
Relationship in the household  
U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D TM9516 2 174  
Relationship in the household  
U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D TM9518 2 176  
Relationship in the household  
U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D TM9520 2 178  
Relationship in the household  
U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D TM9522 2 180  
Relationship in the household  
U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D TM9524 2 182  
Relationship in the household  
U Reference persons living in other than

DATA	SIZE	BEGIN
		one person household, two person household consisting of husband and wife or two person household consisting of non-relative
D TM9540	3	184
		Person number in roster
		Valid person numbers are:
		101 - 124, 180 - 199,
		201 - 224, 280 - 299,
		301 - 324, 380 - 399,
		401 - 424, 480 - 499
U		Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative
V	0	.Not in universe

\*\*\*\*\*  
\*COMMENT \*  
\* The next fields (TM9542 thru TM9556) \*  
\* are relationships in the household. \*  
\*V .Spouse: \*  
\*V 01 .Husband \*  
\*V 02 .Wife \*  
\*V .Parent: \*  
\*V 10 .Natural father(biological) \*  
\*V 11 .Stepfather \*  
\*V 12 .Adoptive father \*  
\*V 13 .Foster father \*  
\*V 14 .Natural mother \*  
\*V 15 .Stepmother \*  
\*V 16 .Adoptive mother \*  
\*V 17 .Foster mother \*  
\*V 18 .Unknown male parent type \*  
\*V 19 .Unknown female parent type \*  
\*V .Child: \*  
\*V 20 .Natural son \*  
\*V 21 .Stepson \*  
\*V 22 .Adopted son \*  
\*V 23 .Foster son \*  
\*V 24 .Natural daughter \*  
\*V 25 .Stepdaughter \*  
\*V 26 .Adopted daughter \*  
\*V 27 .Foster daughter \*  
\*V 28 .Unknown male child type \*  
\*V 29 .Unknown female child type \*  
\*V .Sibling: \*  
\*V 30 .Full brother \*  
\*V 31 .Half brother \*  
\*V 32 .Stepbrother \*  
\*V 33 .Adoptive brother \*  
\*V 34 .Full sister \*  
\*V 35 .Half sister \*  
\*V 36 .Stepsister \*  
\*V 37 .Adoptive sister \*  
\*V 38 .Unknown sibling type \*  
\*V .Grandparents: \*  
\*V 40 .Grandfather \*  
\*V 41 .Grandmother \*  
\*V .Grandchild: \*  
\*V 42 .Grandson \*  
\*V 43 .Granddaughter \*  
\*V .Uncle/aunt: \*  
\*V 44 .Uncle \*  
\*V 45 .Aunt \*  
\*V .Nephew/niece: \*  
\*V 46 .Nephew \*  
\*V 47 .Niece \*  
\*V .In-laws: \*  
\*V 50 .Father-in-law \*  
\*V 51 .Mother-in-law \*

SIPP 1990 TOPICAL MODULE WAVE 2

DATA	SIZE	BEGIN
*V	52	.Son-in-law
*V	53	.Daughter-in-law
*V	54	.Brother-in-law
*V	55	.Sister-in-law
*V		.Other relative:
*V	60	.Cousin,etc.
*V		.Nonrelative:
*V	70	.Not related
*V	88	.Member of column with no
*V		.responses
*V	98	.Not found
*V	99	.No response

D TM9542 2 187  
 Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D TM9544 2 189  
 Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D TM9546 2 191  
 Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D TM9548 2 193  
 Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D TM9550 2 195  
 Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D TM9552 2 197  
 Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D TM9554 2 199  
 Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D TM9556 2 201  
 Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife

DATA	SIZE	BEGIN
		or two person household consisting of non-relative
D TM9570	3	203
		Person number
		Valid person numbers are:
		101 - 124, 180 - 199,
		201 - 224, 280 - 299,
		301 - 324, 380 - 399,
		401 - 424, 480 - 499
U		Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative
V	0	.Not in universe

\*\*\*\*\*  
 \*COMMENT \*  
 \* The next fields (TM9572 thru TM9588) \*  
 \* are relationships in the household. \*  
 \*V .Spouse: \*  
 \*V 01 .Husband \*  
 \*V 02 .Wife \*  
 \*V .Parent: \*  
 \*V 10 .Natural father(biological) \*  
 \*V 11 .Stepfather \*  
 \*V 12 .Adoptive father \*  
 \*V 13 .Foster father \*  
 \*V 14 .Natural mother \*  
 \*V 15 .Stepmother \*  
 \*V 16 .Adoptive mother \*  
 \*V 17 .Foster mother \*  
 \*V 18 .Unknown male parent type \*  
 \*V 19 .Unknown female parent type \*  
 \*V .Child: \*  
 \*V 20 .Natural son \*  
 \*V 21 .Stepson \*  
 \*V 22 .Adopted son \*  
 \*V 23 .Foster son \*  
 \*V 24 .Natural daughter \*  
 \*V 25 .Stepdaughter \*  
 \*V 26 .Adopted daughter \*  
 \*V 27 .Foster daughter \*  
 \*V 28 .Unknown male child type \*  
 \*V 29 .Unknown female child type \*  
 \*V .Sibling: \*  
 \*V 30 .Full brother \*  
 \*V 31 .Half brother \*  
 \*V 32 .Stepbrother \*  
 \*V 33 .Adoptive brother \*  
 \*V 34 .Full sister \*  
 \*V 35 .Half sister \*  
 \*V 36 .Stepsister \*  
 \*V 37 .Adoptive sister \*  
 \*V 38 .Unknown sibling type \*  
 \*V .Grandparents: \*  
 \*V 40 .Grandfather \*  
 \*V 41 .Grandmother \*  
 \*V .Grandchild: \*  
 \*V 42 .Grandson \*  
 \*V 43 .Granddaughter \*  
 \*V .Uncle/aunt: \*  
 \*V 44 .Uncle \*  
 \*V 45 .Aunt \*  
 \*V .Nephew/niece: \*  
 \*V 46 .Nephew \*  
 \*V 47 .Niece \*  
 \*V .In-laws: \*  
 \*V 50 .Father-in-law \*  
 \*V 51 .Mother-in-law \*  
 \*V 52 .Son-in-law \*  
 \*V 53 .Daughter-in-law \*

DATA	SIZE	BEGIN	
*V	54	.Brother-in-law	*
*V	55	.Sister-in-law	*
*V		.Other relative:	*
*V	60	.Cousin,etc.	*
*V		.Nonrelative:	*
*V	70	.Not related	*
*V	88	.Member of column with no	*
*V		.responses	*
*V	98	.Not found	*
*V	99	.No response	*

D TM9572 2 206  
 Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D TM9574 2 208  
 Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D TM9576 2 210  
 Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D TM9578 2 212  
 Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D TM9580 2 214  
 Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D TM9582 2 216  
 Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D TM9584 2 218  
 Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D TM9586 2 220  
 Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

DATA	SIZE	BEGIN	
D TM9588	2	222	
		Relationship in the household	
U		Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative	

DATA	SIZE	BEGIN	
D TM9600	3	224	
		Person number	
		Valid person numbers are:	
		101 - 124, 180 - 199,	
		201 - 224, 280 - 299,	
		301 - 324, 380 - 399,	
		400 - 424, 480 - 999	
U		Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative	
V	0	.Not in universe	

\*\*\*\*\*  
 \*COMMENT \*  
 \* The next fields (TM9602 thru TM9620) \*  
 \* are relationships in the household. \*  
 \*V .Spouse: \*  
 \*V 01 .Husband \*  
 \*V 02 .Wife \*  
 \*V .Parent: \*  
 \*V 10 .Natural father(biological) \*  
 \*V 11 .Stepfather \*  
 \*V 12 .Adoptive father \*  
 \*V 13 .Foster father \*  
 \*V 14 .Natural mother \*  
 \*V 15 .Stepmother \*  
 \*V 16 .Adoptive mother \*  
 \*V 17 .Foster mother \*  
 \*V 18 .Unknown male parent type \*  
 \*V 19 .Unknown female parent type \*  
 \*V .Child: \*  
 \*V 20 .Natural son \*  
 \*V 21 .Stepson \*  
 \*V 22 .Adopted son \*  
 \*V 23 .Foster son \*  
 \*V 24 .Natural daughter \*  
 \*V 25 .Stepdaughter \*  
 \*V 26 .Adopted daughter \*  
 \*V 27 .Foster daughter \*  
 \*V 28 .Unknown male child type \*  
 \*V 29 .Unknown female child type \*  
 \*V .Sibling: \*  
 \*V 30 .Full brother \*  
 \*V 31 .Half brother \*  
 \*V 32 .Stepbrother \*  
 \*V 33 .Adoptive brother \*  
 \*V 34 .Full sister \*  
 \*V 35 .Half sister \*  
 \*V 36 .Stepsister \*  
 \*V 37 .Adoptive sister \*  
 \*V 38 .Unknown sibling type \*  
 \*V .Grandparents: \*  
 \*V 40 .Grandfather \*  
 \*V 41 .Grandmother \*  
 \*V .Grandchild: \*  
 \*V 42 .Grandson \*  
 \*V 43 .Granddaughter \*  
 \*V .Uncle/aunt: \*  
 \*V 44 .Uncle \*  
 \*V 45 .Aunt \*  
 \*V .Nephew/niece: \*  
 \*V 46 .Nephew \*  
 \*V 47 .Niece \*

SIPP 1990 TOPICAL MODULE WAVE 2

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DATA      SIZE BEGIN
*v        .In-laws:                *
*v      50 .Father-in-law          *
*v      51 .Mother-in-law         *
*v      52 .Son-in-law            *
*v      53 .Daughter-in-law       *
*v      54 .Brother-in-law        *
*v      55 .Sister-in-law         *
*v        .Other relative:        *
*v      60 .Cousin,etc.           *
*v        .Nonrelative:           *
*v      70 .Not related           *
*v      88 .Member of column with no *
*v        .responses              *
*v      98 .Not found             *
*v      99 .No response           *
*****
D TM9602   2   227
  Relationship in the household
U Reference persons living in other than
one person household, two person
household consisting of husband and wife
or two person household consisting of
non-relative

D TM9604   2   229
  Relationship in the household
U Reference persons living in other than
one person household, two person
household consisting of husband and wife
or two person household consisting of
non-relative

D TM9606   2   231
  Relationship in the household
U Reference persons living in other than
one person household, two person
household consisting of husband and wife
or two person household consisting of
non-relative

D TM9608   2   233
  Relationship in the household
U Reference persons living in other than
one person household, two person
household consisting of husband and wife
or two person household consisting of
non-relative

D TM9610   2   235
  Relationship in the household
U Reference persons living in other than
one person household, two person
household consisting of husband and wife
or two person household consisting of
non-relative

D TM9612   2   237
  Relationship in the household
U Reference persons living in other than
one person household, two person
household consisting of husband and wife
or two person household consisting of
non-relative

D TM9614   2   239
  Relationship in the household
U Reference persons living in other than
one person household, two person
household consisting of husband and wife
or two person household consisting of
non-relative

D TM9616   2   241
  Relationship in the household

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```

DATA      SIZE BEGIN
U Reference persons living in other than
one person household, two person
household consisting of husband and wife
or two person household consisting of
non-relative

D TM9618   2   243
  Relationship in the household
U Reference persons living in other than
one person household, two person
household consisting of husband and wife
or two person household consisting of
non-relative

D TM9620   2   245
  Relationship in the household
U Reference persons living in other than
one person household, two person
household consisting of husband and wife
or two person household consisting of
non-relative

D TM9630   3   247
  Person number
  Valid person numbers are:
  101 - 124, 180 - 199,
  201 - 224, 280 - 299,
  301 - 324, 380 - 399,
  401 - 424, 480 - 499
U Reference persons living in other than
one person household, two person
household consisting of husband and wife
or two person household consisting of
non-relative
V      0 .Not in universe

*****
*COMMENT
* The next fields (TM9632 thru TM9652) *
* are relationships in the household. *
*v      .Spouse:                  *
*v      01 .Husband               *
*v      02 .Wife                  *
*v      .Parent:                 *
*v      10 .Natural father(biological) *
*v      11 .Stepfather            *
*v      12 .Adoptive father       *
*v      13 .Foster father        *
*v      14 .Natural mother       *
*v      15 .Stepmother           *
*v      16 .Adoptive mother       *
*v      17 .Foster mother        *
*v      18 .Unknown male parent type *
*v      19 .Unknown female parent type *
*v      .Child:                  *
*v      20 .Natural son          *
*v      21 .Stepson              *
*v      22 .Adopted son          *
*v      23 .Foster son           *
*v      24 .Natural daughter     *
*v      25 .Stepdaughter         *
*v      26 .Adopted daughter     *
*v      27 .Foster daughter      *
*v      28 .Unknown male child type *
*v      29 .Unknown female child type *
*v      .Sibling:               *
*v      30 .Full brother         *
*v      31 .Half brother        *
*v      32 .Stepbrother         *
*v      33 .Adoptive brother     *
*v      34 .Full sister         *
*v      35 .Half sister         *
*v      36 .Stepsister          *

```

DATA	SIZE	BEGIN	
*V	37	.Adoptive sister	*
*V	38	.Unknown sibling type	*
*V		.Grandparents:	*
*V	40	.Grandfather	*
*V	41	.Grandmother	*
*V		.Grandchild:	*
*V	42	.Grandson	*
*V	43	.Granddaughter	*
*V		.Uncle/aunt:	*
*V	44	.Uncle	*
*V	45	.Aunt	*
*V		.Nephew/niece:	*
*V	46	.Nephew	*
*V	47	.Niece	*
*V		.In-laws:	*
*V	50	.Father-in-law	*
*V	51	.Mother-in-law	*
*V	52	.Son-in-law	*
*V	53	.Daughter-in-law	*
*V	54	.Brother-in-law	*
*V	55	.Sister-in-law	*
*V		.Other relative:	*
*V	60	.Cousin, etc.	*
*V		.Nonrelative:	*
*V	70	.Not related	*
*V	88	.Member of column with no	*
*V		.responses	*
*V	98	.Not found	*
*V	99	.No response	*

\*\*\*\*\*

D TM9632 2 250  
 Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D TM9634 2 252  
 Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D TM9636 2 254  
 Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D TM9638 2 256  
 Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D TM9640 2 258  
 Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D TM9642 2 260  
 Relationship in the household  
 U Reference persons living in other than one person household, two person

DATA	SIZE	BEGIN	
			household consisting of husband and wife or two person household consisting of non-relative

D TM9644 2 262  
 Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D TM9646 2 264  
 Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D TM9648 2 266  
 Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D TM9650 2 268  
 Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D TM9652 2 270  
 Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D TM9660 3 272  
 Person number  
 Valid person numbers are:  
 101 - 124, 180 - 199,  
 201 - 224, 280 - 299,  
 301 - 324, 380 - 399,  
 401 - 424, 480 - 499  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

V 0 .Not in universe

\*\*\*\*\*  
 \*COMMENT \*  
 \* The next fields (TM9662 thru TM9684) \*  
 \* are relationships in the household. \*  
 \*V .Spouse: \*  
 \*V 01 .Husband \*  
 \*V 02 .Wife \*  
 \*V .Parent: \*  
 \*V 10 .Natural father(biological) \*  
 \*V 11 .Stepfather \*  
 \*V 12 .Adoptive father \*  
 \*V 13 .Foster father \*  
 \*V 14 .Natural mother \*  
 \*V 15 .Stepmother \*  
 \*V 16 .Adoptive mother \*

SIPP 1990 TOPICAL MODULE WAVE 2

DATA	SIZE	BEGIN	
*V	17	.Foster mother	*
*V	18	.Unknown male parent type	*
*V	19	.Unknown female parent type	*
*V		.Child:	*
*V	20	.Natural son	*
*V	21	.Stepson	*
*V	22	.Adopted son	*
*V	23	.Foster son	*
*V	24	.Natural daughter	*
*V	25	.Stepdaughter	*
*V	26	.Adopted daughter	*
*V	27	.Foster daughter	*
*V	28	.Unknown male child type	*
*V	29	.Unknown female child type	*
*V		.Sibling:	*
*V	30	.Full brother	*
*V	31	.Half brother	*
*V	32	.Stepbrother	*
*V	33	.Adoptive brother	*
*V	34	.Full sister	*
*V	35	.Half sister	*
*V	36	.Stepsister	*
*V	37	.Adoptive sister	*
*V	38	.Unknown sibling type	*
*V		.Grandparents:	*
*V	40	.Grandfather	*
*V	41	.Grandmother	*
*V		.Grandchild:	*
*V	42	.Grandson	*
*V	43	.Granddaughter	*
*V		.Uncle/aunt:	*
*V	44	.Uncle	*
*V	45	.Aunt	*
*V		.Nephew/niece:	*
*V	46	.Nephew	*
*V	47	.Niece	*
*V		.In-laws:	*
*V	50	.Father-in-law	*
*V	51	.Mother-in-law	*
*V	52	.Son-in-law	*
*V	53	.Daughter-in-law	*
*V	54	.Brother-in-law	*
*V	55	.Sister-in-law	*
*V		.Other relative:	*
*V	60	.Cousin,etc.	*
*V		.Nonrelative:	*
*V	70	.Not related	*
*V	88	.Member of column with no	*
*V		.responses	*
*V	98	.Not found	*
*V	99	.No response	*

\*\*\*\*\*

D TM9662 2 275  
 Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D TM9664 2 277  
 Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D TM9666 2 279  
 Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of

DATA	SIZE	BEGIN	
			non-relative
D TM9668	2	281	Relationship in the household
U			Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative
D TM9670	2	283	Relationship in the household
U			Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative
D TM9672	2	285	Relationship in the household
U			Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative
D TM9674	2	287	Relationship in the household
U			Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative
D TM9676	2	289	Relationship in the household
U			Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative
D TM9678	2	291	Relationship in the household
U			Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative
D TM9680	2	293	Relationship in the household
U			Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative
D TM9682	2	295	Relationship in the household
U			Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative
D TM9684	2	297	Relationship in the household
U			Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

DATA SIZE BEGIN

D TM9690 3 299  
 Person number  
 Valid person numbers are:  
 101 - 124, 180 - 199,  
 201 - 224, 280 - 299,  
 301 - 324, 380 - 399,  
 401 - 424, 480 - 499

U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

V 0 .Not in universe

\*\*\*\*\*

\*COMMENT \*

\* The next fields (TM9692 thru TM9716) \*  
 \* are relationships in the household. \*

- \*V .Spouse: \*
- \*V 01 .Husband \*
- \*V 02 .Wife \*
- \*V .Parent: \*
- \*V 10 .Natural father(biological) \*
- \*V 11 .Stepfather \*
- \*V 12 .Adoptive father \*
- \*V 13 .Foster father \*
- \*V 14 .Natural mother \*
- \*V 15 .Stepmother \*
- \*V 16 .Adoptive mother \*
- \*V 17 .Foster mother \*
- \*V 18 .Unknown male parent type \*
- \*V 19 .Unknown female parent type \*
- \*V .Child: \*
- \*V 20 .Natural son \*
- \*V 21 .Stepson \*
- \*V 22 .Adopted son \*
- \*V 23 .Foster son \*
- \*V 24 .Natural daughter \*
- \*V 25 .Stepdaughter \*
- \*V 26 .Adopted daughter \*
- \*V 27 .Foster daughter \*
- \*V 28 .Unknown male child type \*
- \*V 29 .Unknown female child type \*
- \*V .Sibling: \*
- \*V 30 .Full brother \*
- \*V 31 .Half brother \*
- \*V 32 .Stepbrother \*
- \*V 33 .Adoptive brother \*
- \*V 34 .Full sister \*
- \*V 35 .Half sister \*
- \*V 36 .Stepsister \*
- \*V 37 .Adoptive sister \*
- \*V 38 .Unknown sibling type \*
- \*V .Grandparents: \*
- \*V 40 .Grandfather \*
- \*V 41 .Grandmother \*
- \*V .Grandchild: \*
- \*V 42 .Grandson \*
- \*V 43 .Granddaughter \*
- \*V .Uncle/aunt: \*
- \*V 44 .Uncle \*
- \*V 45 .Aunt \*
- \*V .Nephew/niece: \*
- \*V 46 .Nephew \*
- \*V 47 .Niece \*
- \*V .In-laws: \*
- \*V 50 .Father-in-law \*
- \*V 51 .Mother-in-law \*
- \*V 52 .Son-in-law \*
- \*V 53 .Daughter-in-law \*
- \*V 54 .Brother-in-law \*
- \*V 55 .Sister-in-law \*
- \*V .Other relative: \*
- \*V 60 .Cousin,etc. \*
- \*V .Nonrelative: \*

DATA SIZE BEGIN

\*V 70 .Not related \*  
 \*V 88 .Member of column with no \*  
 \*V .responses \*  
 \*V 98 .Not found \*  
 \*V 99 .No response \*  
 \*\*\*\*\*

D TM9692 2 302

Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D TM9694 2 304

Relationship in the household  
 U Reference persons 15 years of age or older living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D TM9696 2 306

Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D TM9698 2 308

Relationship in the household  
 U Reference persons 15 years of age or older living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D TM9700 2 310

Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D TM9702 2 312

Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D TM9704 2 314

Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D TM9706 2 316

Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative





SIPP 1990 TOPICAL MODULE WAVE 2

DATA	SIZE	BEGIN
*****		
*COMMENT		*
* The next fields(U-TM9362 thru U-TM9364)*		*
* are relationships in the household.		*
*V .Spouse:		*
*V 01 .Husband		*
*V 02 .Wife		*
*V .Parent:		*
*V 10 .Natural father(biological)		*
*V 11 .Stepfather		*
*V 12 .Adoptive father		*
*V 13 .Foster father		*
*V 14 .Natural mother		*
*V 15 .Stepmother		*
*V 16 .Adoptive mother		*
*V 17 .Foster mother		*
*V 18 .Unknown male parent type		*
*V 19 .Unknown female parent type		*
*V .Child:		*
*V 20 .Natural son		*
*V 21 .Stepson		*
*V 22 .Adopted son		*
*V 23 .Foster son		*
*V 24 .Natural daughter		*
*V 25 .Stepdaughter		*
*V 26 .Adopted daughter		*
*V 27 .Foster daughter		*
*V 28 .Unknown male child type		*
*V 29 .Unknown female child type		*
*V .Sibling:		*
*V 30 .Full brother		*
*V 31 .Half brother		*
*V 32 .Stepbrother		*
*V 33 .Adoptive brother		*
*V 34 .Full sister		*
*V 35 .Half sister		*
*V 36 .Stepsister		*
*V 37 .Adoptive sister		*
*V 38 .Unknown sibling type		*
*V .Grandparents:		*
*V 40 .Grandfather		*
*V 41 .Grandmother		*
*V .Grandchild:		*
*V 42 .Grandson		*
*V 43 .Granddaughter		*
*V .Uncle/aunt:		*
*V 44 .Uncle		*
*V 45 .Aunt		*
*V .Nephew/niece:		*
*V 46 .Nephew		*
*V 47 .Niece		*
*V .In-laws:		*
*V 50 .Father-in-law		*
*V 51 .Mother-in-law		*
*V 52 .Son-in-law		*
*V 53 .Daughter-in-law		*
*V 54 .Brother-in-law		*
*V 55 .Sister-in-law		*
*V .Other relative:		*
*V 60 .Cousin,etc.		*
*V .Nonrelative:		*
*V 70 .Not related		*
*V 88 .Member of column with no		*
*V .responses		*
*V 98 .Not found		*
*V 99 .No response		*
*****		

D U-TM9362 2 382  
 Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

DATA	SIZE	BEGIN
D U-TM9364	2	384
Relationship in the household		
U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative		
D U-TM9390	3	386
Person number in roster		
Valid person numbers are:		
101 - 124, 180 - 199,		
201 - 224, 280 - 299,		
301 - 324, 380 - 399,		
401 - 424, 480 - 499		
U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative		
V	0	.Not in universe

*****		
*COMMENT		*
* The next fields(U-TM9392 thru U-TM9396)*		*
* are relationships in the household.		*
* Relationship		*
*V .Spouse:		*
*V 01 .Husband		*
*V 02 .Wife		*
*V .Parent:		*
*V 10 .Natural father(biological)		*
*V 11 .Stepfather		*
*V 12 .Adoptive father		*
*V 13 .Foster father		*
*V 14 .Natural mother		*
*V 15 .Stepmother		*
*V 16 .Adoptive mother		*
*V 17 .Foster mother		*
*V 18 .Unknown male parent type		*
*V 19 .Unknown female parent type		*
*V .Child:		*
*V 20 .Natural son		*
*V 21 .Stepson		*
*V 22 .Adopted son		*
*V 23 .Foster son		*
*V 24 .Natural daughter		*
*V 25 .Stepdaughter		*
*V 26 .Adopted daughter		*
*V 27 .Foster daughter		*
*V 28 .Unknown male child type		*
*V 29 .Unknown female child type		*
*V .Sibling:		*
*V 30 .Full brother		*
*V 31 .Half brother		*
*V 32 .Stepbrother		*
*V 33 .Adoptive brother		*
*V 34 .Full sister		*
*V 35 .Half sister		*
*V 36 .Stepsister		*
*V 37 .Adoptive sister		*
*V 38 .Unknown sibling type		*
*V .Grandparents:		*
*V 40 .Grandfather		*
*V 41 .Grandmother		*
*V .Grandchild:		*
*V 42 .Grandson		*
*V 43 .Granddaughter		*
*V .Uncle/aunt:		*
*V 44 .Uncle		*
*V 45 .Aunt		*
*V .Nephew/niece:		*
*V 46 .Nephew		*
*V 47 .Niece		*
*V .In-laws:		*

DATA DICTIONARY

DATA	SIZE	BEGIN	
*V	50	.Father-in-law	*
*V	51	.Mother-in-law	*
*V	52	.Son-in-law	*
*V	53	.Daughter-in-law	*
*V	54	.Brother-in-law	*
*V	55	.Sister-in-law	*
*V		.Other relative:	*
*V	60	.Cousin,etc.	*
*V		.Nonrelative:	*
*V	70	.Not related	*
*V	88	.Member of column with no	*
*V		.responses	*
*V	98	.Not found	*
*V	99	.No response	*

D U-TM9392 2 389  
 Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D U-TM9394 2 391  
 Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D U-TM9396 2 393  
 Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D U-TM9420 3 395  
 Person number in roster  
 Valid person numbers are:  
 101 - 124, 180 - 199,  
 201 - 224, 280 - 299,  
 301 - 324, 380 - 399,  
 401 - 424, 480 - 499  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative  
 V 0 .Not in universe

\*\*\*\*\*  
 \*COMMENT  
 \* The next fields(U-TM9422 thru U-TM9428)\*  
 \* are relationships in the household.  
 \*V .Spouse:  
 \*V 01 .Husband  
 \*V 02 .Wife  
 \*V .Parent:  
 \*V 10 .Natural father(biological)  
 \*V 11 .Stepfather  
 \*V 12 .Adoptive father  
 \*V 13 .Foster father  
 \*V 14 .Natural mother  
 \*V 15 .Stepmother  
 \*V 16 .Adoptive mother  
 \*V 17 .Foster mother  
 \*V 18 .Unknown male parent type  
 \*V 19 .Unknown female parent type  
 \*V .Child:  
 \*V 20 .Natural son  
 \*V 21 .Stepson  
 \*V 22 .Adopted son  
 \*V 23 .Foster son  
 \*V 24 .Natural daughter  
 \*V 25 .Stepdaughter

DATA	SIZE	BEGIN	
*V	26	.Adopted daughter	*
*V	27	.Foster daughter	*
*V	28	.Unknown male child type	*
*V	29	.Unknown female child type	*
*V		.Sibling:	*
*V	30	.Full brother	*
*V	31	.Half brother	*
*V	32	.Stepbrother	*
*V	33	.Adoptive brother	*
*V	34	.Full sister	*
*V	35	.Half sister	*
*V	36	.Stepsister	*
*V	37	.Adoptive sister	*
*V	38	.Unknown sibling type	*
*V		.Grandparents:	*
*V	40	.Grandfather	*
*V	41	.Grandmother	*
*V		.Grandchild:	*
*V	42	.Grandson	*
*V	43	.Granddaughter	*
*V		.Uncle/aunt:	*
*V	44	.Uncle	*
*V	45	.Aunt	*
*V		.Nephew/niece:	*
*V	46	.Nephew	*
*V	47	.Niece	*
*V		.In-laws:	*
*V	50	.Father-in-law	*
*V	51	.Mother-in-law	*
*V	52	.Son-in-law	*
*V	53	.Daughter-in-law	*
*V	54	.Brother-in-law	*
*V	55	.Sister-in-law	*
*V		.Other relative:	*
*V	60	.Cousin,etc.	*
*V		.Nonrelative:	*
*V	70	.Not related	*
*V	88	.Member of column with no	*
*V		.responses	*
*V	98	.Not found	*
*V	99	.No response	*

D U-TM9422 2 398  
 Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D U-TM9424 2 400  
 Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D U-TM9426 2 402  
 Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D U-TM9428 2 404  
 Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

SIPP 1990 TOPICAL MODULE WAVE 2

DATA            SIZE   BEGIN  
 D U-TM9450     3     406  
   Person number in roster  
   Valid person numbers are:  
   101 - 124, 180 - 199,  
   201 - 224, 280 - 299,  
   301 - 324, 380 - 399,  
   401 - 424, 480 - 499  
 U Reference persons living in other than one  
   person household, two person household  
   consisting of husband and wife or two  
   person household consisting of non-relative  
 V            0    .Not in universe

```
*****
*COMMENT *
* The next fields(U-TM9452 thru U-TM9460)*
* are relationships in the household. *
*V      .Spouse: *
*V      01 .Husband *
*V      02 .Wife *
*V      .Parent: *
*V      10 .Natural father(biological) *
*V      11 .Stepfather *
*V      12 .Adoptive father *
*V      13 .Foster father *
*V      14 .Natural mother *
*V      15 .Stepmother *
*V      16 .Adoptive mother *
*V      17 .Foster mother *
*V      18 .Unknown male parent type *
*V      19 .Unknown female parent type *
*V      .Child: *
*V      20 .Natural son *
*V      21 .Stepson *
*V      22 .Adopted son *
*V      23 .Foster son *
*V      24 .Natural daughter *
*V      25 .Stepdaughter *
*V      26 .Adopted daughter *
*V      27 .Foster daughter *
*V      28 .Unknown male child type *
*V      29 .Unknown female child type *
*V      .Sibling: *
*V      30 .Full brother *
*V      31 .Half brother *
*V      32 .Stepbrother *
*V      33 .Adoptive brother *
*V      34 .Full sister *
*V      35 .Half sister *
*V      36 .Stepsister *
*V      37 .Adoptive sister *
*V      38 .Unknown sibling type *
*V      .Grandparents: *
*V      40 .Grandfather *
*V      41 .Grandmother *
*V      .Grandchild: *
*V      42 .Grandson *
*V      43 .Granddaughter *
*V      .Uncle/aunt: *
*V      44 .Uncle *
*V      45 .Aunt *
*V      .Nephew/niece: *
*V      46 .Nephew *
*V      47 .Niece *
*V      .In-laws: *
*V      50 .Father-in-law *
*V      51 .Mother-in-law *
*V      52 .Son-in-law *
*V      53 .Daughter-in-law *
*V      54 .Brother-in-law *
*V      55 .Sister-in-law *
*V      .Other relative: *
*V      60 .Cousin,etc. *
*V      .Nonrelative: *
*V      70 .Not related *
```

DATA            SIZE   BEGIN  
 \*V            88 .Member of column with no \*  
 \*V            .responses \*  
 \*V            98 .Not found \*  
 \*V            99 .No response \*  
 \*\*\*\*\*  
 D U-TM9452     2     409  
   Relationship in the household  
 U Reference persons living in other than one  
   person household, two person household  
   consisting of husband and wife or two  
   person household consisting of non-relative

D U-TM9454     2     411  
   Relationship in the household  
 U Reference persons living in other than one  
   person household, two person household  
   consisting of husband and wife or two  
   person household consisting of non-relative

D U-TM9456     2     413  
   Relationship in the household  
 U Reference persons living in other than one  
   person household, two person household  
   consisting of husband and wife or two  
   person household consisting of non-relative

D U-TM9458     2     415  
   Relationship in the household  
 U Reference persons living in other than one  
   person household, two person household  
   consisting of husband and wife or two  
   person household consisting of non-relative

D U-TM9460     2     417  
   Relationship in the household  
 U Reference persons living in other than one  
   person household, two person household  
   consisting of husband and wife or two  
   person household consisting of non-relative

D U-TM9480     3     419  
   Person number in roster  
   Valid person numbers are:  
   101 - 124, 180 - 199,  
   201 - 224, 280 - 299,  
   301 - 324, 380 - 399,  
   401 - 424, 480 - 499  
 U Reference persons living in other than one  
   person household, two person household  
   consisting of husband and wife or two  
   person household consisting of non-relative  
 V            0    .Not in universe

```
*****
*COMMENT *
* The next fields(U-TM9482 thru U-TM9492)*
* are relationships in the household. *
*V      .Spouse: *
*V      01 .Husband *
*V      02 .Wife *
*V      .Parent: *
*V      10 .Natural father(biological) *
*V      11 .Stepfather *
*V      12 .Adoptive father *
*V      13 .Foster father *
*V      14 .Natural mother *
*V      15 .Stepmother *
*V      16 .Adoptive mother *
*V      17 .Foster mother *
*V      18 .Unknown male parent type *
*V      19 .Unknown female parent type *
```

DATA	SIZE	BEGIN	
*V		.Child:	*
*V	20	.Natural son	*
*V	21	.Stepson	*
*V	22	.Adopted son	*
*V	23	.Foster son	*
*V	24	.Natural daughter	*
*V	25	.Stepdaughter	*
*V	26	.Adopted daughter	*
*V	27	.Foster daughter	*
*V	28	.Unknown male child type	*
*V	29	.Unknown female child type	*
*V		.Sibling:	*
*V	30	.Full brother	*
*V	31	.Half brother	*
*V	32	.Stepbrother	*
*V	33	.Adoptive brother	*
*V	34	.Full sister	*
*V	35	.Half sister	*
*V	36	.Stepsister	*
*V	37	.Adoptive sister	*
*V	38	.Unknown sibling type	*
*V		.Grandparents:	*
*V	40	.Grandfather	*
*V	41	.Grandmother	*
*V		.Grandchild:	*
*V	42	.Grandson	*
*V	43	.Granddaughter	*
*V		.Uncle/aunt:	*
*V	44	.Uncle	*
*V	45	.Aunt	*
*V		.Nephew/niece:	*
*V	46	.Nephew	*
*V	47	.Niece	*
*V		.In-laws:	*
*V	50	.Father-in-law	*
*V	51	.Mother-in-law	*
*V	52	.Son-in-law	*
*V	53	.Daughter-in-law	*
*V	54	.Brother-in-law	*
*V	55	.Sister-in-law	*
*V		.Other relative:	*
*V	60	.Cousin,etc.	*
*V		.Nonrelative:	*
*V	70	.Not related	*
*V	88	.Member of column with no	*
*V		.responses	*
*V	98	.Not found	*
*V	99	.No response	*

\*\*\*\*\*

D U-TM9482 2 422  
 Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D U-TM9484 2 424  
 Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D U-TM9486 2 426  
 Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D U-TM9488 2 428  
 Relationship in the household  
 U Reference persons living in other than one person household, two person household

DATA	SIZE	BEGIN	
		consisting of husband and wife or two person household consisting of non-relative	
D U-TM9490	2	430	
		Relationship in the household	
U		Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative	
D U-TM9492	2	432	
		Relationship in the household	
U		Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative	
D U-TM9510	3	434	
		Person number in roster	
		Valid person numbers are:	
		101 - 124, 180 - 199,	
		201 - 224, 280 - 299,	
		301 - 324, 380 - 399,	
		401 - 424, 480 - 499	
U		Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative	
V		0 .Not in universe	
*****			
*COMMENT			
*		The next fields(U-TM9512 thru U-TM9524)*	*
*		are relationships in the household.	*
*V		.Spouse:	*
*V	01	.Husband	*
*V	02	.Wife	*
*V		.Parent:	*
*V	10	.Natural father(biological)	*
*V	11	.Stepfather	*
*V	12	.Adoptive father	*
*V	13	.Foster father	*
*V	14	.Natural mother	*
*V	15	.Stepmother	*
*V	16	.Adoptive mother	*
*V	17	.Foster mother	*
*V	18	.Unknown male parent type	*
*V	19	.Unknown female parent type	*
*V		.Child:	*
*V	20	.Natural son	*
*V	21	.Stepson	*
*V	22	.Adopted son	*
*V	23	.Foster son	*
*V	24	.Natural daughter	*
*V	25	.Stepdaughter	*
*V	26	.Adopted daughter	*
*V	27	.Foster daughter	*
*V	28	.Unknown male child type	*
*V	29	.Unknown female child type	*
*V		.Sibling:	*
*V	30	.Full brother	*
*V	31	.Half brother	*
*V	32	.Stepbrother	*
*V	33	.Adoptive brother	*
*V	34	.Full sister	*
*V	35	.Half sister	*
*V	36	.Stepsister	*
*V	37	.Adoptive sister	*
*V	38	.Unknown sibling type	*
*V		.Grandparents:	*
*V	40	.Grandfather	*
*V	41	.Grandmother	*

SIPP 1990 TOPICAL MODULE WAVE 2

DATA	SIZE	BEGIN	
*V		.Grandchild:	*
*V	42	.Grandson	*
*V	43	.Granddaughter	*
*V		.Uncle/aunt:	*
*V	44	.Uncle	*
*V	45	.Aunt	*
*V		.Nephew/niece:	*
*V	46	.Nephew	*
*V	47	.Niece	*
*V		.In-laws:	*
*V	50	.Father-in-law	*
*V	51	.Mother-in-law	*
*V	52	.Son-in-law	*
*V	53	.Daughter-in-law	*
*V	54	.Brother-in-law	*
*V	55	.Sister-in-law	*
*V		.Other relative:	*
*V	60	.Cousin,etc.	*
*V		.Nonrelative:	*
*V	70	.Not related	*
*V	88	.Member of column with no	*
*V		.responses	*
*V	98	.Not found	*
*V	99	.No response	*

D U-TM9512 2 437  
 Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D U-TM9514 2 439  
 Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D U-TM9516 2 441  
 Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D U-TM9518 2 443  
 Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D U-TM9520 2 445  
 Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D U-TM9522 2 447  
 Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D U-TM9524 2 449  
 Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

DATA	SIZE	BEGIN	
D U-TM9540	3	451	
		Person number in roster	
		Valid person numbers are:	
		101 - 124, 180 - 199,	
		201 - 224, 280 - 299,	
		301 - 324, 380 - 399,	
		401 - 424, 480 - 499	
U		Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative	
V	0	.Not in universe	

\*\*\*\*\*  
 \*COMMENT \*  
 \* The next fields(U-TM9542 thru U-TM9556)\*  
 \* are relationships in the household. \*  
 \*V .Spouse: \*  
 \*V 01 .Husband \*  
 \*V 02 .Wife \*  
 \*V .Parent: \*  
 \*V 10 .Natural father(biological) \*  
 \*V 11 .Stepfather \*  
 \*V 12 .Adoptive father \*  
 \*V 13 .Foster father \*  
 \*V 14 .Natural mother \*  
 \*V 15 .Stepmother \*  
 \*V 16 .Adoptive mother \*  
 \*V 17 .Foster mother \*  
 \*V 18 .Unknown male parent type \*  
 \*V 19 .Unknown female parent type \*  
 \*V .Child: \*  
 \*V 20 .Natural son \*  
 \*V 21 .Stepson \*  
 \*V 22 .Adopted son \*  
 \*V 23 .Foster son \*  
 \*V 24 .Natural daughter \*  
 \*V 25 .Stepdaughter \*  
 \*V 26 .Adopted daughter \*  
 \*V 27 .Foster daughter \*  
 \*V 28 .Unknown male child type \*  
 \*V 29 .Unknown female child type \*  
 \*V .Sibling: \*  
 \*V 30 .Full brother \*  
 \*V 31 .Half brother \*  
 \*V 32 .Stepbrother \*  
 \*V 33 .Adoptive brother \*  
 \*V 34 .Full sister \*  
 \*V 35 .Half sister \*  
 \*V 36 .Stepsister \*  
 \*V 37 .Adoptive sister \*  
 \*V 38 .Unknown sibling type \*  
 \*V .Grandparents: \*  
 \*V 40 .Grandfather \*  
 \*V 41 .Grandmother \*  
 \*V .Grandchild: \*  
 \*V 42 .Grandson \*  
 \*V 43 .Granddaughter \*  
 \*V .Uncle/aunt: \*  
 \*V 44 .Uncle \*  
 \*V 45 .Aunt \*  
 \*V .Nephew/niece: \*  
 \*V 46 .Nephew \*  
 \*V 47 .Niece \*  
 \*V .In-laws: \*  
 \*V 50 .Father-in-law \*  
 \*V 51 .Mother-in-law \*  
 \*V 52 .Son-in-law \*  
 \*V 53 .Daughter-in-law \*  
 \*V 54 .Brother-in-law \*  
 \*V 55 .Sister-in-law \*

DATA DICTIONARY

DATA	SIZE	BEGIN
*V		.Other relative: *
*V	60	.Cousin,etc. *
*V		.Nonrelative: *
*V	70	.Not related *
*V	88	.Member of column with no *
*V		.responses *
*V	98	.Not found *
*V	99	.No response *
*****		
D U-TM9542	2	454
Relationship in the household		
U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative		
D U-TM9544	2	456
Relationship in the household		
U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative		
D U-TM9546	2	458
Relationship in the household		
U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative		
D U-TM9548	2	460
Relationship in the household		
U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative		
D U-TM9550	2	462
Relationship in the household		
U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative		
D U-TM9552	2	464
Relationship in the household		
U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative		
D U-TM9554	2	466
Relationship in the household		
U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative		
D U-TM9556	2	468
Relationship in the household		
U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative		
D U-TM9570	3	470
Person number in roster		
Valid person numbers are:		
101 - 124, 180 - 199,		
201 - 224, 280 - 299,		
301 - 324, 380 - 399,		
401 - 424, 480 - 499		
U Reference persons living in other than one person household, two person household		

DATA	SIZE	BEGIN
		consisting of husband and wife or two person household consisting of non-relative
V	0	.Not in universe
*****		
*COMMENT		
* The next fields(U-TM9572 thru U-TM9588)*		
* are relationships in the household. *		
*V		.Spouse: *
*V	01	.Husband *
*V	02	.Wife *
*V		.Parent: *
*V	10	.Natural father(biological) *
*V	11	.Stepfather *
*V	12	.Adoptive father *
*V	13	.Foster father *
*V	14	.Natural mother *
*V	15	.Stepmother *
*V	16	.Adoptive mother *
*V	17	.Foster mother *
*V	18	.Unknown male parent type *
*V	19	.Unknown female parent type *
*V		.Child: *
*V	20	.Natural son *
*V	21	.Stepson *
*V	22	.Adopted son *
*V	23	.Foster son *
*V	24	.Natural daughter *
*V	25	.Stepdaughter *
*V	26	.Adopted daughter *
*V	27	.Foster daughter *
*V	28	.Unknown male child type *
*V	29	.Unknown female child type *
*V		.Sibling: *
*V	30	.Full brother *
*V	31	.Half brother *
*V	32	.Stepbrother *
*V	33	.Adoptive brother *
*V	34	.Full sister *
*V	35	.Half sister *
*V	36	.Stepsister *
*V	37	.Adoptive sister *
*V	38	.Unknown sibling type *
*V		.Grandparents: *
*V	40	.Grandfather *
*V	41	.Grandmother *
*V		.Grandchild: *
*V	42	.Grandson *
*V	43	.Granddaughter *
*V		.Uncle/aunt: *
*V	44	.Uncle *
*V	45	.Aunt *
*V		.Nephew/niece: *
*V	46	.Nephew *
*V	47	.Niece *
*V		.In-laws: *
*V	50	.Father-in-law *
*V	51	.Mother-in-law *
*V	52	.Son-in-law *
*V	53	.Daughter-in-law *
*V	54	.Brother-in-law *
*V	55	.Sister-in-law *
*V		.Other relative: *
*V	60	.Cousin,etc. *
*V		.Nonrelative: *
*V	70	.Not related *
*V	88	.Member of column with no *
*V		.responses *
*V	98	.Not found *
*V	99	.No response *
*****		



DATA DICTIONARY

DATA	SIZE	BEGIN
D U-TM9604	2	496
Relationship in the household		
U		Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative
D U-TM9606	2	498
Relationship in the household		
U		Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative
D U-TM9608	2	500
Relationship in the household		
U		Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative
D U-TM9610	2	502
Relationship in the household		
U		Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative
D U-TM9612	2	504
Relationship in the household		
U		Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative
D U-TM9614	2	506
Relationship in the household		
U		Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative
D U-TM9616	2	508
Relationship in the household		
U		Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative
D U-TM9618	2	510
Relationship in the household		
U		Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative
D U-TM9620	2	512
Relationship in the household		
U		Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative
D U-TM9630	3	514
Person number in roster		
Valid person numbers are:		
101 - 124, 180 - 199,		
201 - 224, 280 - 299,		
301 - 324, 380 - 399,		
401 - 424, 480 - 499		
U		Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

DATA	SIZE	BEGIN
V	0	.Not in universe
*****		
*COMMENT		
* The next fields(U-TM9632 thru U-TM9652)*		
* are relationships in the household.		
*V		.Spouse:
*V	01	.Husband
*V	02	.Wife
*V		.Parent:
*V	10	.Natural father(biological)
*V	11	.Stepfather
*V	12	.Adoptive father
*V	13	.Foster father
*V	14	.Natural mother
*V	15	.Stepmother
*V	16	.Adoptive mother
*V	17	.Foster mother
*V	18	.Unknown male parent type
*V	19	.Unknown female parent type
*V		.Child:
*V	20	.Natural son
*V	21	.Stepson
*V	22	.Adopted son
*V	23	.Foster son
*V	24	.Natural daughter
*V	25	.Stepdaughter
*V	26	.Adopted daughter
*V	27	.Foster daughter
*V	28	.Unknown male child type
*V	29	.Unknown female child type
*V		.Sibling:
*V	30	.Full brother
*V	31	.Half brother
*V	32	.Stepbrother
*V	33	.Adoptive brother
*V	34	.Full sister
*V	35	.Half sister
*V	36	.Stepsister
*V	37	.Adoptive sister
*V	38	.Unknown sibling type
*V		.Grandparents:
*V	40	.Grandfather
*V	41	.Grandmother
*V		.Grandchild:
*V	42	.Grandson
*V	43	.Granddaughter
*V		.Uncle/aunt:
*V	44	.Uncle
*V	45	.Aunt
*V		.Nephew/niece:
*V	46	.Nephew
*V	47	.Niece
*V		.In-laws:
*V	50	.Father-in-law
*V	51	.Mother-in-law
*V	52	.Son-in-law
*V	53	.Daughter-in-law
*V	54	.Brother-in-law
*V	55	.Sister-in-law
*V		.Other relative:
*V	60	.Cousin,etc.
*V		.Nonrelative:
*V	70	.Not related
*V	88	.Member of column with no
*V		.responses
*V	98	.Not found
*V	99	.No response
*****		

SIPP 1990 TOPICAL MODULE WAVE 2

DATA SIZE BEGIN  
 D U-TM9632 2 517  
 Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative  
 D U-TM9634 2 519  
 Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative  
 D U-TM9636 2 521  
 Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative  
 D U-TM9638 2 523  
 Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative  
 D U-TM9640 2 525  
 Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative  
 D U-TM9642 2 527  
 Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative  
 D U-TM9644 2 529  
 Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative  
 D U-TM9646 2 531  
 Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative  
 D U-TM9648 2 533  
 Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative  
 D U-TM9650 2 535  
 Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative  
 D U-TM9652 2 537  
 Relationship in the household  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two

DATA SIZE BEGIN  
 person household consisting of non-relative  
 D U-TM9660 3 539  
 Person number in roster  
 Valid person numbers are:  
 101 - 124, 180 - 199,  
 201 - 224, 280 - 299,  
 301 - 324, 380 - 399,  
 401 - 424, 480 - 499  
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative  
 V 0 .Not in universe

\*\*\*\*\*  
 \*COMMENT \*  
 \* Then next fields(U-TM9662 thru U-TM9684)\*  
 \* are relationships in the household. \*  
 \*V .Spouse: \*  
 \*V 01 .Husband \*  
 \*V 02 .Wife \*  
 \*V .Parent: \*  
 \*V 10 .Natural father(biological) \*  
 \*V 11 .Stepfather \*  
 \*V 12 .Adoptive father \*  
 \*V 13 .Foster father \*  
 \*V 14 .Natural mother \*  
 \*V 15 .Stepmother \*  
 \*V 16 .Adoptive mother \*  
 \*V 17 .Foster mother \*  
 \*V 18 .Unknown male parent type \*  
 \*V 19 .Unknown female parent type \*  
 \*V .Child: \*  
 \*V 20 .Natural son \*  
 \*V 21 .Stepson \*  
 \*V 22 .Adopted son \*  
 \*V 23 .Foster son \*  
 \*V 24 .Natural daughter \*  
 \*V 25 .Stepdaughter \*  
 \*V 26 .Adopted daughter \*  
 \*V 27 .Foster daughter \*  
 \*V 28 .Unknown male child type \*  
 \*V 29 .Unknown female child type \*  
 \*V .Sibling: \*  
 \*V 30 .Full brother \*  
 \*V 31 .Half brother \*  
 \*V 32 .Stepbrother \*  
 \*V 33 .Adoptive brother \*  
 \*V 34 .Full sister \*  
 \*V 35 .Half sister \*  
 \*V 36 .Stepsister \*  
 \*V 37 .Adoptive sister \*  
 \*V 38 .Unknown sibling type \*  
 \*V .Grandparents: \*  
 \*V 40 .Grandfather \*  
 \*V 41 .Grandmother \*  
 \*V .Grandchild: \*  
 \*V 42 .Grandson \*  
 \*V 43 .Granddaughter \*  
 \*V .Uncle/aunt: \*  
 \*V 44 .Uncle \*  
 \*V 45 .Aunt \*  
 \*V .Nephew/niece: \*  
 \*V 46 .Nephew \*  
 \*V 47 .Niece \*  
 \*V .In-laws: \*  
 \*V 50 .Father-in-law \*  
 \*V 51 .Mother-in-law \*  
 \*V 52 .Son-in-law \*  
 \*V 53 .Daughter-in-law \*  
 \*V 54 .Brother-in-law \*

```

DATA      SIZE BEGIN
*V      55 .Sister-in-law      *
*V      60 .Other relative:    *
*V      60 .Cousin, etc.      *
*V      70 .Nonrelative:      *
*V      70 .Not related       *
*V      88 .Member of column with no *
*V      .responses            *
*V      98 .Not found         *
*V      99 .No response       *
*****
D U-TM9662  2  542
  Relationship in the household
U Reference persons living in other than one
  person household, two person household
  consisting of husband and wife or two
  person household consisting of non-relative

D U-TM9664  2  544
  Relationship in the household
U Reference persons living in other than one
  person household, two person household
  consisting of husband and wife or two
  person household consisting of non-relative

D U-TM9666  2  546
  Relationship in the household
U Reference persons living in other than one
  person household, two person household
  consisting of husband and wife or two
  person household consisting of non-relative

D U-TM9668  2  548
  Relationship in the household
U Reference persons living in other than one
  person household, two person household
  consisting of husband and wife or two
  person household consisting of non-relative

D U-TM9670  2  550
  Relationship in the household
U Reference persons living in other than one
  person household, two person household
  consisting of husband and wife or two
  person household consisting of non-relative

D U-TM9672  2  552
  Relationship in the household
U Reference persons living in other than one
  person household, two person household
  consisting of husband and wife or two
  person household consisting of non-relative

D U-TM9674  2  554
  Relationship in the household
U Reference persons living in other than one
  person household, two person household
  consisting of husband and wife or two
  person household consisting of non-relative

D U-TM9676  2  556
  Relationship in the household
U Reference persons living in other than one
  person household, two person household
  consisting of husband and wife or two
  person household consisting of non-relative

D U-TM9678  2  558
  Relationship in the household
U Reference persons living in other than one
  person household, two person household
  consisting of husband and wife or two
  person household consisting of non-relative

D U-TM9680  2  560

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```

DATA      SIZE BEGIN
  Relationship in the household
U Reference persons living in other than one
  person household, two person household
  consisting of husband and wife or two
  person household consisting of non-relative

D U-TM9682  2  562
  Relationship in the household
U Reference persons living in other than one
  person household, two person household
  consisting of husband and wife or two
  person household consisting of non-relative

D U-TM9684  2  564
  Relationship in the household
U Reference persons living in other than one
  person household, two person household
  consisting of husband and wife or two
  person household consisting of non-relative

D U-TM9690  3  566
  Person number in roster
  Valid person numbers are:
  101 - 124, 180 - 199,
  201 - 224, 280 - 299,
  301 - 324, 380 - 399,
  401 - 424, 480 - 499
U Reference persons living in other than one
  person household, two person household
  consisting of husband and wife or two
  person household consisting of non-relative
V      0 .Not in universe

*****
*COMMENT *
* The next fields(U-TM9692 thru U-TM9716)*
* are relationships in the household. *
*V      .Spouse: *
*V      01 .Husband *
*V      02 .Wife *
*V      .Parent: *
*V      10 .Natural father(biological) *
*V      11 .Stepfather *
*V      12 .Adoptive father *
*V      13 .Foster father *
*V      14 .Natural mother *
*V      15 .Stepmother *
*V      16 .Adoptive mother *
*V      17 .Foster mother *
*V      18 .Unknown male parent type *
*V      19 .Unknown female parent type *
*V      .Child: *
*V      20 .Natural son *
*V      21 .Stepson *
*V      22 .Adopted son *
*V      23 .Foster son *
*V      24 .Natural daughter *
*V      25 .Stepdaughter *
*V      26 .Adopted daughter *
*V      27 .Foster daughter *
*V      28 .Unknown male child type *
*V      29 .Unknown female child type *
*V      .Sibling: *
*V      30 .Full brother *
*V      31 .Half brother *
*V      32 .Stepbrother *
*V      33 .Adoptive brother *
*V      34 .Full sister *
*V      35 .Half sister *
*V      36 .Stepsister *
*V      37 .Adoptive sister *
*V      38 .Unknown sibling type *

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SIPP 1990 TOPICAL MODULE WAVE 2

DATA	SIZE	BEGIN
*V		.Grandparents: *
*V	40	.Grandfather *
*V	41	.Grandmother *
*V		.Grandchild: *
*V	42	.Grandson *
*V	43	.Granddaughter *
*V		.Uncle/aunt: *
*V	44	.Uncle *
*V	45	.Aunt *
*V		.Nephew/niece: *
*V	46	.Nephew *
*V	47	.Niece *
*V		.In-laws: *
*V	50	.Father-in-law *
*V	51	.Mother-in-law *
*V	52	.Son-in-law *
*V	53	.Daughter-in-law *
*V	54	.Brother-in-law *
*V	55	.Sister-in-law *
*V		.Other relative: *
*V	60	.Cousin,etc. *
*V		.Nonrelative: *
*V	70	.Not related *
*V	88	.Member of column with no *
*V		.responses *
*V	98	.Not found *
*V	99	.No response *
*****		
D U-TM9692	2	569
	Relationship in the household	
U	Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative	
D U-TM9694	2	571
	Relationship in the household	
U	Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative	
D U-TM9696	2	573
	Relationship in the household	
U	Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative	
D U-TM9698	2	575
	Relationship in the household	
U	Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative	
D U-TM9700	2	577
	Relationship in the household	
U	Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative	
D U-TM9702	2	579
	Relationship in the household	
U	Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative	
D U-TM9704	2	581
	Relationship in the household	
U	Reference persons living in other than one person household, two person household	

DATA	SIZE	BEGIN
		consisting of husband and wife or two person household consisting of non-relative
D U-TM9706	2	583
	Relationship in the household	
U	Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative	
D U-TM9708	2	585
	Relationship in the household	
U	Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative	
D U-TM9710	2	587
	Relationship in the household	
U	Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative	
D U-TM9712	2	589
	Relationship in the household	
U	Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative	
D U-TM9714	2	591
	Relationship in the household	
U	Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative	
D U-TM9716	2	593
	Relationship in the household	
U	Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative	
*****		
*	Imputation flags for matrix responses *	
*V	0	.Not imputed *
*V	1	.Imputed *
*****		
D ALTM9332	1	595
	Imputation flag for TM9332.	
D ALTM9362	1	596
	Imputation flag for TM9362	
D ALTM9392	1	597
	Imputation flag for TM9392.	
D ALTM9422	1	598
	Imputation flag for TM9422.	
D ALTM9452	1	599
	Imputation flag for TM9452	
D ALTM9482	1	600
	Imputation flag for TM9482.	
D ALTM9512	1	601
	Imputation flag for TM9512.	
D ALTM9542	1	602
	Imputation flag for TM9542.	

DATA DICTIONARY

DATA	SIZE	BEGIN
D ALTM9572	1	603 Imputation flag for TM9572.
D ALTM9602	1	604 Imputation flag for TM9602.
D ALTM9632	1	605 Imputation flag for TM9632.
D ALTM9662	1	606 Imputation flag for TM9662.
D ALTM9692	1	607 Imputation flag for TM9692.
D ALTM9364	1	608 Imputation flag for TM9364.
D ALTM9394	1	609 Imputation flag for TM9394.
D ALTM9424	1	610 Imputation flag for TM9424.
D ALTM9454	1	611 Imputation flag for TM9454.
D ALTM9484	1	612 Imputation flag for TM9484.
D ALTM9514	1	613 Imputation flag for TM9514.
D ALTM9544	1	614 Imputation flag for TM9544.
D ALTM9574	1	615 Imputation flag for TM9574.
D ALTM9604	1	616 Imputation flag for TM9604.
D ALTM9634	1	617 Imputation flag for TM9634.
D ALTM9664	1	618 Imputation flag for TM9664.
D ALTM9694	1	619 Imputation flag for TM9694.
D ALTM9396	1	620 Imputation flag for TM9396.
D ALTM9426	1	621 Imputation flag for TM9426.
D ALTM9456	1	622 Imputation flag for TM9456.
D ALTM9486	1	623 Imputation flag for TM9486.
D ALTM9516	1	624 Imputation flag for TM9516.
D ALTM9546	1	625 Imputation flag for TM9546.
D ALTM9576	1	626 Imputation flag for TM9576.
D ALTM9606	1	627 Imputation flag for TM9606.

DATA	SIZE	BEGIN
D ALTM9636	1	628 Imputation flag for TM9636.
D ALTM9666	1	629 Imputation flag for TM9666.
D ALTM9696	1	630 Imputation flag for TM9696.
D ALTM9428	1	631 Imputation flag for TM9428.
D ALTM9458	1	632 Imputation flag for TM9458.
D ALTM9488	1	633 Imputation flag for TM9488.
D ALTM9518	1	634 Imputation flag for TM9518.
D ALTM9548	1	635 Imputation flag for TM9548.
D ALTM9578	1	636 Imputation flag for TM9578.
D ALTM9608	1	637 Imputation flag for TM9608.
D ALTM9638	1	638 Imputation flag for TM9638.
D ALTM9668	1	639 Imputation flag for TM9668.
D ALTM9698	1	640 Imputation flag for TM9698.
D ALTM9460	1	641 Imputation flag for TM9460.
D ALTM9490	1	642 Imputaiton flag for TM9490.
D ALTM9520	1	643 Imputation flag for TM9520.
D ALTM9550	1	644 Imputation flag for TM9550.
D ALTM9580	1	645 Imputation flag for TM9580.
D ALTM9610	1	646 Imputation flag for TM9610.
D ALTM9640	1	647 Imputation flag for TM9640.
D ALTM9670	1	648 Imputation flag for TM9670.
D ALTM9700	1	649 Imputation flag for TM9700.
D ALTM9492	1	650 Imputation flag for TM9492.
D ALTM9522	1	651 Imputation flag for TM9522.
D ALTM9552	1	652 Imputation flag for TM9552.

SIPP 1990 TOPICAL MODULE WAVE 2

DATA	SIZE	BEGIN
D ALTM9582	1	653
Imputation flag for TM9582.		
D ALTM9612	1	654
Imputation flag for TM9612.		
D ALTM9642	1	655
Imputation flag for TM9642.		
D ALTM9672	1	656
Imputation flag for TM9672.		
D ALTM9702	1	657
Imputation flag for TM9702.		
D ALTM9524	1	658
Imputation flag for TM9524.		
D ALTM9554	1	659
Imputation flag for TM9554.		
D ALTM9584	1	660
Imputaiton flag for TM9584.		
D ALTM9614	1	661
Imputation flag for TM9614.		
D ALTM9644	1	662
Imputation flag for TM9644.		
D ALTM9674	1	663
Imputation flag for TM9674.		
D ALTM9704	1	664
Imputation flag for TM9704.		
D ALTM9556	1	665
Imputation flag for TM9556.		
D ALTM9586	1	666
Imputation flag for TM9586.		
D ALTM9616	1	667
Imputation flag for TM9616.		
D ALTM9646	1	668
Imputation flag for TM9646.		
D ALTM9676	1	669
Imputation flag for TM9676.		
D ALTM9706	1	670
Imputation flag for TM9706.		
D ALTM9588	1	671
Imputation flag for TM9588.		
D ALTM9618	1	672
Imputation flag for TM9618.		
D ALTM9648	1	673
Imputation flag for TM9648.		
D ALTM9678	1	674
Imputation flag for TM9678		
D ALTM9708	1	675
Imputation flag for TM9708.		
D ALTM9620	1	676
Imputation flag for TM9620.		
D ALTM9650	1	677
Imputation flag for TM9650.		

DATA	SIZE	BEGIN
D ALTM9680	1	678
Imputation flag for TM9680.		
D ALTM9710	1	679
Imputation flag for TM9710.		
D ALTM9652	1	680
Imputation flag for TM9652.		
D ALTM9682	1	681
Imputation flag for TM9682.		
D ALTM9712	1	682
Imputation flag for TM9712.		
D ALTM9684	1	683
Imputation flag for TM9684.		
D ALTM9714	1	684
Imputation flag for TM9714.		
D ALTM9716	1	685
Imputation flag for TM9716.		
*****		
* Part A: Reciprocity History *		
*****		
D TM8000	1	686
Check item T1		
Was an interview obtained for ... in		
Wave 1?		
U All persons		
V	0	.Not applicable
V	1	.Yes
V	2	.No - skip to TM8052
D TM8002	1	687
Check item T2		
Are any income types or special		
indicators listed in the reciprocity		
history roster below?		
U All persons		
V	0	.Not applicable
V	1	.Yes
V	2	.No - skip to TM8052
*****		
*COMMENT *		
* During our last visit we recorded that *		
* ... received (ISS codes) sometime *		
* during the period (8 months ago) *		
* through (5 months ago). When did ... *		
* first begin to receive (ISS codes)? *		
* *		
* (Record beginning date of reciprocity *		
* that was occurring sometime in *		
* period 5 to 8 months ago.) *		
*V	0	.Not applicable
* .Income codes: *		
*V	1	.Social Security
*V	2	.U.S.Government Railroad
*V		.Retirement pay
*V	3	.Federal Supplemental
*V		.Security Income (SSI)
*V	4	.State Supplemental Security
*V		.Income (State administered
*V		.SSI only)
*V	5	.State unemployment
*V		.compensation
*V	6	.Supplemental Unemployment
*V	7	.Other unemployment
*V		.compensation
*V		.(Trade Adjustment Act
*V		.benefits, strike pay, other) *

DATA DICTIONARY

DATA	SIZE	BEGIN	DATA	SIZE	BEGIN
*V	8	.Veterans compensation or pensions	*V	171	.Disabled
*V	9	.Black lung payments	*V	172	.Medicare
*V	10	.Worker's compensation	*V	173	.Medicaid
*V	11	.State temporary sickness or disability benefits	*V	174	.U.S. Savings Bonds (E,EE)
*V	12	.Employer or union temporary sickness policy	*V	175	.College work study
*V	13	.Payments from a sickness, accident or disability insurance policy purchased on your own	*V	176	.PELL Grant
*V	20	.Aid to families with dependent children (AFDC, ADC)	*V	177	.Supplemental Educational Opportunity Grant (SEOG)
*V	21	.General assistance or general relief assistance	*V	178	.National Direct Student Loan (NDSL)
*V	22	.Indian, Cuban, or refugee assistance	*V	179	.Guaranteed Student Loan
*V	23	.Foster child care payments	*V	180	.JTPA training
*V	24	.Other welfare	*V	181	.Employer assistance
*V	25	.WIC (Women, Infants and Children nutrition program)	*V	182	.Fellowship/scholarship
*V	27	.Food stamps	*V	183	.Other financial aid
*V	28	.Child support payments	*V	200	.VA disability rating of 100%
*V	29	.Alimony payments	*V	201	.VA disability rating of less than 100%
*V	30	.Pension from company or union*	*****		
*V	31	.Federal Civil Service or other Federal civilian employee pensions	D TM8004	3	688
*V	32	.U.S. Military retirement pay			ISS codes or asset codes
*V	33	.National Guard or Reserve Forces retirement	U		All persons recorded as recipient of ISS
*V	34	.State government pensions	D TM8006	2	691
*V	35	.Local government pensions			Month reciprocity began
*V	36	.Income from paid-up life insurance policies or annuities	U		All persons recorded as recipient of ISS
*V	37	.Estates and trusts	V	00	.Not applicable
*V	38	.Other payments for retirement, disability or survivor	V	01 - 12	.Month
*V	40	.G.I. Bill education benefits	D TM8008	4	693
*V	41	.Other VA educational assistance			Year reciprocity began
*V	50	.Income assistance from a charitable group	U		All persons recorded as recipient of ISS
*V	51	.Money from relatives or friends	V	0000	.Not applicable
*V	52	.Lump sum payments	V	1900-1990	.Year
*V	53	.Income from roomers or boarders	D TM8010	3	697
*V	54	.National Guard or Reserve pay*			ISS codes or asset codes
*V	55	.Incidental or casual earnings*	U		All persons recorded as recipient of ISS
*		.Asset codes:	D TM8012	2	700
*V	100	.Interest earning assets regular/passbook/savings accounts in a bank, savings and loan or credit union			Month reciprocity began
*V	101	.Money market deposit accounts*	U		All persons recorded as recipient of ISS
*V	102	.Certificates of deposit or other savings certificates	V	00	.Not applicable
*V	103	.NOW, Super NOW or other interest earning checking accounts	V	01 - 12	.Month
*V	104	.Money market funds	D TM8014	4	702
*V	105	.U.S. Government securities			Year reciprocity began
*V	106	.Municipal or corporate bonds	U		All persons recorded as recipient of ISS
*V	107	.Other interest-earning assets*	V	0000	.Not applicable
*V	110	.Stocks or mutual fund shares	V	1900-1990	.Year
*V	120	.Rental property	D TM8016	3	706
*V	130	.Mortgages			ISS codes or asset codes
*V	140	.Royalties	U		All persons recorded as recipient of ISS
*V	150	.Other financial investments	D TM8018	2	709
*		.Special Indicator Code:			Month reciprocity began
*V	170	.Worked	U		All persons recorded as recipient of ISS
			V	0000	.Not applicable
			V	1900-1990	.Year
			D TM8020	4	711
					Year reciprocity began
			U		All persons recorded as recipient of ISS
			V	0000	.Not applicable
			V	1900-1990	.Year
			D TM8022	3	715
					ISS codes or asset codes
			U		All persons recorded as recipient of ISS

SIPP 1990 TOPICAL MODULE WAVE 2

DATA        SIZE    BEGIN

D TM8024     2     718  
 Month reciprocity began  
 U All persons recorded as recipient of ISS  
 V        00 .Not applicable  
 V    01 - 12 .Month

D TM8026     4     720  
 Year reciprocity began  
 U All persons recorded as recipient of ISS  
 V        0000 .Not applicable  
 V 1900-1990 .Year

D TM8028     3     724  
 ISS codes or asset codes  
 U All persons recorded as recipient of ISS

D TM8030     2     727  
 Month reciprocity began  
 U All persons recorded as recipient of ISS  
 V        00 .Not applicable  
 V    01 - 12 .Month

D TM8032     4     729  
 Year reciprocity began  
 U All persons recorded as recipient of ISS  
 V        0000 .Not applicable  
 V 1900-1990 .Year

D TM8034     3     733  
 ISS codes or asset codes  
 U All persons recorded as recipient of ISS

D TM8036     2     736  
 Month reciprocity began  
 U All persons recorded as recipient of ISS  
 V        00 .Not applicable  
 V    01 - 12 .Month

D TM8038     4     738  
 Year reciprocity began  
 U All persons recorded as recipient of ISS  
 V        0000 .Not applicable  
 V 1900-1990 .Year

D TM8040     3     742  
 ISS codes or asset codes  
 U All persons recorded as recipient of ISS

D TM8042     2     745  
 Month reciprocity began  
 U All persons recorded as recipient of ISS  
 V        00 .Not applicable  
 V    01 - 12 .Month

D TM8044     4     747  
 Year reciprocity began  
 U All persons recorded as recipient of ISS  
 V        0000 .Not applicable  
 V 1900-1990 .Year

D TM8046     3     751  
 Income codes or asset codes  
 U All persons recorded as recipient of ISS

D TM8048     2     754  
 Month reciprocity began  
 V        00 .Not applicable  
 V    01 - 12 .Month

D TM8050     4     756  
 Year reciprocity began  
 U All persons recorded as recipient of ISS  
 V        0000 .Not applicable  
 V 1900-1990 .Year

DATA        SIZE    BEGIN

D TM8052     1     760  
 Check item T3  
 Is ... 18 years of age or over?  
 U All persons  
 V        0 .Not applicable  
 V        1 .Yes  
 V        2 .No -skip to TM8124

D TM8054     1     761  
 Check item T4  
 Is 'food stamps' (code 27) listed in the  
 reciprocity history roster?  
 U All persons 18 years of age or over  
 V        0 .Not applicable  
 V        1 .Yes  
 V        2 .No - skip to TM8058

D TM8056     1     762  
 Besides this period of time, have there  
 been any other times when ...was  
 authorized to receive food stamps?  
 U All persons 18 years of age or over  
 recorded as receiving food stamps  
 V        0 .Not applicable  
 V        1 .Yes - skip to TM8062  
 V        2 .No - skip to TM8074

D TM8058     1     763  
 Has ...ever applied for the Federal  
 Government's Food Stamp Program?  
 U All persons 18 years of age or over  
 not listed in reciprocity history roster  
 as receiving food stamps  
 V        0 .Not applicable  
 V        1 .Yes  
 V        2 .No - skip to TM8074

D TM8060     1     764  
 Has ... ever been authorized to receive  
 food stamps?  
 U All persons 18 years of age or over who  
 have ever applied for the federal government  
 food stamp program  
 V        0 .Not applicable  
 V        1 .Yes  
 V        2 .No - skip to TM8074

D TM8062     2     765  
 When did ... first start receiving food  
 stamps?  
 U All persons 18 years of age or over who  
 have been authorized to receive food stamps  
 V        00 .Not applicable  
 V    01 - 12 .Month

D TM8064     4     767  
 When did ... first start receiving food  
 stamps?  
 U All persons 18 years of age or over who  
 have been authorized to receive food stamps  
 V        0000 .Not applicable  
 V 1900-1990 .Year

D TM8066     2     771  
 For how long did ... receive food stamps  
 that time?  
 U All persons 18 years of age or over who  
 have been authorized to receive food stamps  
 V        00 .Not applicable  
 V    01 - 12 .Number of months received

DATA DICTIONARY

DATA            SIZE   BEGIN

D TM8068        2     773  
     For how long did ... receive food stamps  
     that time?

U All persons 18 years of age or over who  
     have been authorized to receive food stamps

V        00 .Not applicable

V        01 - 99 .Number of years received

D TM8072        2     775  
     How many times in all have there been  
     when ... was authorized to receive food  
     stamps?

U All persons 18 years of age or over who  
     have been authorized to receive food stamps

V        00 .Not applicable

V        01 - 99 .Times

D TM8074        1     777  
     Check item T5  
     Is ... a designated parent or guardian of  
     children under 18 who live in this  
     household

U All persons 18 years of age or over

V        0 .Not applicable

V        1 .Yes

V        2 .No - skip to TM8096

D TM8076        1     778  
     Check item T6  
     Is 'AFDC' (code 20) listed in the  
     reciency history roster?

U All persons 18 years of age or over who  
     are designated as a parent or guardian of  
     children under 18 who live in this  
     household

V        0 .Not applicable

V        1 .Yes

V        2 .No - skip to TM8080

D TM8078        1     779  
     Besides this period of time, have there  
     been any other times when ... received  
     AFDC (ADC)?

U All persons 18 years of age or over who  
     are designated as a parent or guardian of  
     children under 18 who live in this  
     household and receive AFDC

V        0 .Not applicable

V        1 .Yes - skip to TM8084

V        2 .No - skip to TM8096

D TM8080        1     780  
     Has ... ever applied for benefits from  
     the program called AFDC - Aid to  
     Families with Dependent Children  
     (or ADC)?

U All persons 18 years of age or over who  
     are designated as a parent or guardian of  
     children under 18 who live in this  
     household and are not listed as receiving  
     AFDC

V        0 .Not applicable

V        1 .Yes

V        2 .No - skip to TM8096

D TM8082        1     781  
     Has ... ever received AFDC (ADC)  
     benefits?

U All persons 18 years of age or over who  
     are designated as a parent or guardian of  
     children under 18 who live in this  
     household and have ever applied for  
     benefits from AFDC

V        0 .Not applicable

V        1 .Yes

DATA            SIZE   BEGIN

V            2     .No - skip to TM8096

D TM8084        2     782  
     When did ... first start receiving AFDC  
     (ADC) benefits?

U All persons 18 years of age or over who  
     are designated as a parent or guardian of  
     children under 18 who live in this  
     household and have received AFDC benefits

V        00 .Not applicable

V        01 - 12 .Month

D TM8086        4     784  
     When did ... first start receiving AFDC  
     (ADC) benefits?

U All persons 18 years of age or over who  
     are designated as a parent or guardian of  
     children under 18 who live in this  
     household and have received AFDC benefits

V        0000 .Not applicable

V        1900-1990 .Year

D TM8088        2     788  
     For how long did ... receive AFDC (ADC)  
     that time?

U All persons 18 years of age or over who  
     are designated as a parent or guardian of  
     children under 18 who live in this  
     household and have received AFDC benefits

V        00 .Not applicable

V        01 - 12 .Number of months received

D TM8090        2     790  
     For how long did ... receive AFDC (ADC)  
     that time?

U All persons 18 years of age or over who  
     are designated as a parent or guardian of  
     children under 18 who live in this  
     household and have received AFDC benefits

V        00 .Not applicable

V        01 - 99 .Number of years received

D TM8094        2     792  
     How many times in all have there been  
     when ... received AFDC (ADC)?

U All persons 18 years of age or over who  
     are designated as a parent or guardian of  
     children under 18 who live in this  
     household and have received AFDC benefits

V        00 .Not applicable

V        01 - 99 .Times

D TM8096        1     794  
     Check item T7  
     Is 'SSI' (codes 3 or 4) listed in the  
     reciency history roster

U All persons 18 years of age or over

V        0 .Not applicable

V        1 .Yes

V        2 .No - skip to TM8100

D TM8098        1     795  
     Besides this period of time, have there  
     been any other times when ... received  
     SSI benefits?

U All persons 18 years of age or over who  
     are listed in the reciency history  
     roster as recipients of ISS (codes 3 or 4)

V        0 .Not applicable

V        1 .Yes - skip to TM8104

V        2 .No - skip to TM8114

SIPP 1990 TOPICAL MODULE WAVE 2

DATA            SIZE    BEGIN

D TM8100        1     796  
 Has ... ever applied for benefits from  
 the program called SSI (Supplemental  
 Security Income)?

U All persons 18 years of age or over

V            0 .Not applicable  
 V            1 .Yes  
 V            2 .No - skip to TM8114

D TM8102        1     797  
 Has ... ever received SSI benefits?

U All persons 18 years of age or over who  
 have ever applied for benefits from SSI

V            0 .Not applicable  
 V            1 .Yes  
 V            2 .No - skip to TM8114

D TM8104        2     798  
 When did ... first start receiving SSI?

U All persons 18 years of age or over who  
 have ever received benefits from SSI

V            00 .Not applicable  
 V            01 - 12 .Month

D TM8106        4     800  
 When did ... first start receiving SSI?

U All persons 18 years of age or over who  
 have ever received benefits from SSI

V            0000 .Not applicable  
 V            1900-1990 .Year

D TM8108        2     804  
 For how long did ... receive SSI that  
 time?

U All persons 18 years of age or over who  
 have ever received benefits from SSI

V            00 .Not applicable  
 V            01 - 12 .Number of months received

D TM8110        2     806  
 For how long did ... receive SSI that  
 time?

U All persons 18 years of age or over who  
 have ever received benefits from SSI

V            00 .Not applicable  
 V            01 - 99 .Number of years received

D TM8114        1     808  
 Check item T8  
 Is 'Medicaid' (code 173) marked in cc  
 item 47 for Wave 1?

U All persons 18 years of age or over who  
 have ever received benefits from SSI

V            0 .Not applicable  
 V            1 .Yes  
 V            2 .No - skip to TM8124

D TM8116        1     809  
 Check item T9  
 Is 'SSI or 'AFDC' (codes 3,4, or 20)  
 marked in cc item 45 for Wave 1?

U All persons 18 years of age or over

V            0 .Not applicable  
 V            1 .Yes - skip to TM8124  
 V            2 .No

D TM8118        2     810  
 During our last visit we recorded that  
 ... was covered by (use local name for  
 Medicaid). This question concerns the  
 coverage that was being received at that  
 time. When did that period of coverage  
 first begin?

U All persons 18 years of age or over who  
 were recorded on last visit as covered by

DATA            SIZE    BEGIN

(local name for Medicaid)

V            00 .Not applicable  
 V            01 - 12 .Month

D TM8120        4     812  
 During our last visit we recorded that  
 ... was covered by (use local name for  
 Medicaid). This question concerns the  
 coverage that was being received at that  
 time. When did that period of coverage  
 first begin?

U All persons 18 years of age or over who  
 were recorded on last visit as covered by  
 (local name for Medicaid)

V            0000 .Not applicable  
 V            1900-1990 .Year

D TM8122        2     816  
 During our last visit we recorded that  
 ... was covered by (use local name for  
 Medicaid). This question concerns the  
 coverage that was being received at that  
 time. When did that period of coverage  
 first begin?

U All persons 18 years of age or over who  
 were recorded on last visit as covered by  
 (local name for Medicaid)

V            -3 .Never covered by Medicaid  
 V            00 .Not applicable

D TM8124        1     818  
 Check item T10  
 Was ... covered by a health insurance  
 plan?  
 (Is item 27a or 27b, marked 'yes!')

U All persons

V            0 .Not applicable  
 V            1 .Yes  
 V            2 .No - skip to TM8132

D TM8126        2     819  
 We have recorded that ... is covered by a  
 private health insurance plan. For how  
 long has ... been covered by health  
 insurance without interruption?

U All persons covered by health insurance  
 plan

V            00 .Not applicable  
 V            01 - 12 .Number of months received - skip  
 V                .to TM8138

D TM8128        2     821  
 We have recorded that ... is covered by a  
 private health insurance plan. For how  
 long has ... been covered by health  
 insurance without interruption?

U All persons covered by health insurance  
 plan

V            00 .Not applicable  
 V            01 - 99 .Number of years received - skip  
 V                .to TM8138

D TM8130        2     823  
 We have recorded that ... is covered by a  
 private health insurance plan. For how  
 long has ... been covered by health  
 insurance without interruption?

U All persons covered by health insurance  
 plan

V            -3 .Have always had insurance -  
 V                .skip to TM8138  
 V            00 .Not applicable

DATA DICTIONARY

DATA            SIZE   BEGIN

D TM8132        2     825  
 We have recorded that ... is not currently covered by a private health insurance plan. When was the last time ... was covered by private health insurance?  
 U All persons  
 V        00 .Not applicable  
 V    01 - 12 .Month

D TM8134        4     827  
 We have recorded that ... is not currently covered by a private health insurance plan. When was the last time ... was covered by private health insurance?  
 U All persons  
 V        0000 .Not applicable  
 V    1900-1990 .Year

D TM8136        2     831  
 We have recorded that ... is not currently covered by a private health insurance plan. When was the last time ... was covered by private health insurance?  
 U All persons  
 V        -3 .Has never been covered  
 V        00 .Not applicable

D TM8138        1     833  
 Check item T11  
 Is ... the reference person?  
 U All persons  
 V        0 .Not applicable  
 V        1 .Yes  
 V        2 .No - skip to TM8200

D TM8140        1     834  
 Check item T12  
 Is this housing unit public or subsidized?  
 U All reference persons  
 V        0 .Not applicable  
 V        1 .Yes  
 V        2 .No - skip to TM8148

D TM8142        2     835  
 For how long has ... been living in public or subsidized housing?  
 U All reference persons living in public or subsidized housing  
 V        00 .Not applicable  
 V    01 - 12 .No. of months - skip to TM8200

D TM8144        2     837  
 For how long has ... been living in public or subsidized housing?  
 U All reference persons living in public or subsidized housing  
 V        00 .Not applicable  
 V    01- 99 .No. of years - skip to TM8200

D TM8146        2     839  
 For how long has ... been living in public or subsidized housing?  
 U All reference persons living in public or subsidized housing  
 V        -3 .Have always lived in public housing  
 V        00 .Not applicable

D TM8148        1     841  
 Check item T13  
 Is one or more of the following codes

DATA            SIZE   BEGIN

                  marked on the ISS for ... code 3, codes 20 - 27, or code 173?  
 U All reference persons  
 V        0 .Not applicable  
 V        1 .Yes  
 V        2 .No - skip to TM8200

D TM8150        1     842  
 Is ... on a waiting list for public or subsidized housing?  
 U All reference persons with codes 3, 20-27, or 173 marked on the ISS  
 V        0 .Not applicable  
 V        1 .Yes  
 V        2 .No

D TM-IFA0       1     843  
 Topical module imputation flag #1  
 Imputation for 'TM8006'  
 V        0 .Not imputed  
 V        1 .Imputed

D TM-IFA1       1     844  
 Topical module imputation flag #2  
 Imputation for 'TM8008'  
 V        0 .Not imputed  
 V        1 .Imputed

D TM-IFA2       1     845  
 Topical module imputation flag #3  
 Imputation for 'TM8012'  
 V        0 .Not imputed  
 V        1 .Imputed

D TM-IFA3       1     846  
 Topical module imputation flag #4  
 Imputation for 'TM8014'  
 V        0 .Not imputed  
 V        1 .Imputed

D TM-IFA4       1     847  
 Topical module imputation flag #5  
 Imputation for 'TM8018'  
 V        0 .Not imputed  
 V        1 .Imputed

D TM-IFA5       1     848  
 Topical module imputation flag #6  
 Imputation for 'TM8020'  
 V        0 .Not imputed  
 V        1 .Imputed

D TM-IFA6       1     849  
 Topical module imputation flag #7  
 Imputation for 'TM8024'  
 V        0 .Not imputed  
 V        1 .Imputed

D TM-IFA7       1     850  
 Topical module imputation flag #8  
 Imputation for 'TM8026'  
 V        0 .Not imputed  
 V        1 .Imputed

D TM-IFA8       1     851  
 Topical module imputation flag #9  
 Imputation for 'TM8030'  
 V        0 .Not imputed  
 V        1 .Imputed

SIPP 1990 TOPICAL MODULE WAVE 2

DATA	SIZE	BEGIN
D TM-IFA9	1	852
		Topical module imputation flag #10
		Imputation for 'TM8032'
V	0	.Not imputed
V	1	.Imputed
D TM-IFA10	1	853
		Topical module imputation flag #11
		Imputation for 'TM8036'
V	0	.Not imputed
V	1	.Imputed
D TM-IFA11	1	854
		Topical module imputation flag #12
		Imputation for 'TM8038'
V	0	.Not imputed
V	1	.Imputed
D TM-IFA12	1	855
		Topical module imputation flag #13
		Imputation for 'TM8042'
V	0	.Not imputed
V	1	.Imputed
D TM-IFA13	1	856
		Topical module imputation flag #14
		Imputation for 'TM8044'
V	0	.Not imputed
V	1	.Imputed
D TM-IFA14	1	857
		Topical module imputation flag #15
		Imputation for 'TM8048'
V	0	.Not imputed
V	1	.Imputed
D TM-IFA15	1	858
		Topical module imputation flag #16
		Imputation for 'TM8050'
V	0	.Not imputed
V	1	.Imputed
D TM-IFA16	1	859
		Topical module imputation flag #17
		Imputation for 'TM8058'
V	0	.Not imputed
V	1	.Imputed
D TM-IFA17	1	860
		Topical module imputation flag #18
		Imputation for 'TM8060'
V	0	.Not imputed
V	1	.Imputed
D TM-IFA18	1	861
		Topical module imputation flag #19
		Imputation for 'TM8062'
V	0	.Not imputed
V	1	.Imputed
D TM-IFA19	1	862
		Topical module imputation flag #20
		Imputation for 'TM8064'
V	0	.Not imputed
V	1	.Imputed
D TM-IFA20	1	863
		Topical module imputation flag #21
		Imputation for 'TM8066 - TM8068'
V	0	.Not imputed
V	1	.Imputed
D TM-IFA21	1	864
		Topical module imputation flag #22
		Imputation for 'TM8072'

DATA	SIZE	BEGIN
V	0	.Not imputed
V	1	.Imputed
D TM-IFA22	1	865
		Topical module imputation flag #23
		Imputation for 'TM8080'
V	0	.Not imputed
V	1	.Imputed
D TM-IFA23	1	866
		Topical module imputation flag #24
		Imputation for 'TM8082'
V	0	.Not imputed
V	1	.Imputed
D TM-IFA24	1	867
		Topical module imputation flag #25
		Imputation for 'TM8084'
V	0	.Not imputed
V	1	.Imputed
D TM-IFA25	1	868
		Topical module imputation flag #26
		Imputation for 'TM8086'
V	0	.Not imputed
V	1	.Imputed
D TM-IFA26	1	869
		Topical module imputation flag #27
		Imputation for 'TM8088 - TM8090'
V	0	.Not imputed
V	1	.Imputed
D TM-IFA27	1	870
		Topical module imputation flag #28
		Imputation for 'TM8094'
V	0	.Not imputed
V	1	.Imputed
D TM-IFA28	1	871
		Topical module imputation flag #29
		Imputation for 'TM8100'
V	0	.Not imputed
V	1	.Imputed
D TM-IFA29	1	872
		Topical module imputation flag #30
		Imputation for 'TM8102'
V	0	.Not imputed
V	1	.Imputed
D TM-IFA30	1	873
		Topical module imputation flag #31
		Imputation for 'TM8104'
V	0	.Not imputed
V	1	.Imputed
D TM-IFA31	1	874
		Topical module imputation flag #32
		Imputation for 'TM8106'
V	0	.Not imputed
V	1	.Imputed
D TM-IFA32	1	875
		Topical module imputation flag #33
		Imputation for 'TM8108-TM8110'
V	0	.Not imputed
V	1	.Imputed
D TM-IFA33	1	876
		Topical module imputation flag #34
		Imputation for 'TM8118'
V	0	.Not imputed
V	1	.Imputed

DATA            SIZE BEGIN

D TM-IFA34     1     877  
           Topical module imputation flag #35  
           Imputation for 'TM8120 - TM8122'

V            0 .Not imputed  
 V            1 .Imputed

D TM-IFA35     1     878  
           Topical module imputation flag #36  
           Imputation for 'TM8126 - TM8130'

V            0 .Not imputed  
 V            1 .Imputed

D TM-IFA36     1     879  
           Topical module imputation flag #37  
           Imputation for 'TM8132'

V            0 .Not imputed  
 V            1 .Imputed

D TM-IFA37     1     880  
           Topical module imputation flag #38  
           Imputation for 'TM8134 - TM8136'

V            0 .Not imputed  
 V            1 .Imputed

D TM-IFA38     1     881  
           Topical module imputation flag #39  
           Imputation for 'TM8142 - TM8146'

V            0 .Not imputed  
 V            1 .Imputed

D TM-IFA39     1     882  
           Topical module imputation flag #40  
           Imputation for 'TM8150'

V            0 .Not imputed  
 V            1 .Imputed

\*\*\*\*\*  
 \*            Part B: Employment History            \*  
 \*\*\*\*\*

D TM8200       1     883  
           Check item T14  
           Is ... 18 to 64 years old?

U All persons

V            0 .Not applicable  
 V            1 .Yes  
 V            2 .No - skip to TM8300

\*\*\*\*\*  
 \*            Now I would like to ask some questions\*  
 \*            about some of the jobs ... has held. \*  
 \*\*\*\*\*

D TM8202       1     884  
           Check item T15  
           Is there an employer or business listed  
           in cc item 42 or 43?

U All persons 18 to 64 years of age

V            0 .Not applicable  
 V            1 .Yes  
 V            2 .No - skip to TM8210

D TM8206       2     885  
           Check item T16  
           What is the ID number of this employer

U All persons 18 to 64 years of age with  
 employer listed

V            00 .Not applicable  
 V            01 - 16 .Employer number - skip to  
 V                    .TM8218

D TM8208       2     887  
           Check item T16  
           What is the ID number of this business

U All persons 18 to 64 years of age with

DATA            SIZE BEGIN

          business listed

V            00 .Not applicable  
 V            01 - 16 .Business number - skip to  
 V                    .TM8218

D TM8210       1     889  
           Check item T17  
           Is 'worked' (code 170) marked on  
           the ISS?

U All persons 18 to 64 years of age

V            0 .Not applicable  
 V            1 .Yes  
 V            2 .No - skip to TM8240

D TM8214       2     890  
           Check item T18  
           What is the ID number of this employer

U All persons 18 to 64 years of age with  
 employer listed

V            00 .Not applicable  
 V            01 - 16 .Employer number

D TM8216       2     892  
           Check item T18  
           What is the ID number of this business

U All persons 18 to 64 years of age with  
 business listed

V            00 .Not applicable  
 V            01 - 16 .Business number

D TM8218       2     894  
           When did ... start working for (read name  
           of employer or business)?

U All persons 18 to 64 years of age  
 reported as working

V            00 .Not applicable  
 V            01 - 12 .Month

D TM8220       4     896  
           When did ... start working for (read name  
           of employer or business)?

U All persons 18 to 64 years of age reported  
 as working

V            0000 .Not applicable  
 V            1900-1990 .Year

D TM8222       1     900  
           Check item T16 (TM8206 or TM8208) or  
           T18 (TM8214 or TM8216) above?  
           Is 'Employer number' filled in?

U All persons 18 to 64 years of age reported  
 month and year started working

V            0 .Not applicable  
 V            1 .Yes  
 V            2 .No - skip to TM8248

D TM8224       1     901  
           About how many persons are (were)  
           employed by ... 's employer at the  
           location where ... works (worked)?

U All persons 18 to 64 years of age reported  
 \* month and year started working

V            0 .Not applicable  
 V            1 .Under 25  
 V            2 .25 to 99  
 V            3 .100 to 499  
 V            4 .500 to 999  
 V            5 .1000 or more - skip to TM8230

SIPP 1990 TOPICAL MODULE WAVE 2

DATA SIZE BEGIN

D TM8226 1 902  
Does (Did) ... 's employer operate in more than one location?  
U All persons 18 to 64 years of age reported month and year started working  
V 0 .Not applicable  
V 1 .Yes  
V 2 .No (skip to TM8248)

D TM8228 1 903  
About how many persons are (were) employed by ...'s employer at all locations?  
U All persons 18 to 64 years of age who never worked for 2 or more consecutive weeks  
V 0 .Not applicable  
V 1 .Under 25  
V 2 .25 to 99  
V 3 .100 to 499  
V 4 .500 to 999  
V 5 .1000 or more

D TM8230 1 904  
Is (Was) ... a member of a labor union at that job?  
U All persons 18 to 64 years of age reported to have worked for 2 or more consecutive weeks  
V 0 .Don't know  
V 1 .Yes  
V 2 .No

D TM8232 1 905  
Is (Was) ... covered by a union contract at that job?  
U All persons 18 to 64 years of age reported to have worked for 2 or more consecutive weeks  
V 0 .Don't know  
V 1 .Yes  
V 2 .No

D TM8234 2 906  
For how many years has ... done the kind of work that ... does on this job  
U All persons 18 to 64 years of age reported to have worked for 2 or more consecutive weeks  
V 00 .Don't know  
V 01 - 12 .Number of months (skip to TM8248)  
V .TM8248)

D TM8236 2 908  
For how many years has ... done the kind of work that ... does on this job  
U All persons 18 to 64 years of age reported to have worked 2 or more consecutive weeks  
V 00 .Not applicable  
V 01 - 99 .Number of years (skip to TM8248)

D TM8240 2 910  
When did ... last work at a paid job or business lasting 2 consecutive weeks or more?  
V 00 .Not applicable  
V 01 - 12 .Month (skip to TM8254)

D TM8242 4 912  
When did ... last work at a paid job or business lasting 2 consecutive weeks or more?  
U All persons 18 to 64 years of age who worked for 2 or more consecutive

DATA SIZE BEGIN

weeks  
V 0000 .Not applicable  
V 1900-1990 .Year (skip to TM8254)

D TM8244 2 916  
When did ... last work at a paid job or business lasting 2 consecutive weeks or more?  
U All persons 18 to 64 years of age who worked for 2 or more consecutive weeks  
V -3 .Never worked for 2 consecutive weeks or more (ask TM8246)  
V 00 .Not applicable

D TM8246 1 918  
What is the main reason ... never worked 2 consecutive weeks or more at a job or business? If 1-7, skip to TM8300  
V 0 .Don't know  
V 1 .Taking care of home or family  
V 2 .Ill or disabled  
V 3 .Going go school  
V 4 .Couldn't find work  
V 5 .Didn't want to work  
V 7 .Other

D TM8248 2 919  
Before this job when did ... last work at a paid job or business lasting 2 consecutive weeks or more?  
U All persons 18 to 64 years of age who worked for 2 or more consecutive weeks  
V 00 .Not applicable  
V 01 - 12 .Month

D TM8250 4 921  
Before this job when did ... last work at a paid job or business lasting 2 consecutive weeks or more?  
U All persons 18 to 64 years of age who worked for 2 or more consecutive weeks  
V 0000 .Don't know  
V 1900-1990 .Year

D TM8252 2 925  
Before this job when did ... last work at a paid job or business lasting 2 consecutive weeks or more?  
U All persons 18 to 64 years of age who worked for 2 or more consecutive weeks  
V -3 .Never had another job lasting two weeks or more (skip to TM8284)  
V .TM8284)  
V 00 .Not applicable

D TM8254 1 927  
Check item T20  
Is the year in TM8242 or TM8250 between 1976 and 1990?  
U All persons 18 to 64 years of age who worked for 2 or more consecutive weeks  
V 0 .Not applicable  
V 1 .Yes  
V 2 .No (skip to TM8284)

D TMIND3 3 928  
What was the name of ...'s employer or business at that time?  
U All persons 18 to 64 years of age who worked for 2 or more consecutive weeks in 1978 or later  
V 000 .Not applicable  
V 001-999 .Industry code

DATA DICTIONARY

DATA            SIZE   BEGIN

D TMIND4        3     931  
           What kind of company, business, or  
           occupation was

U All persons 18 to 64 years of age who  
   worked for 2 or more consecutive weeks  
   in 1978 or later

V        000 .Not applicable  
 V       001-990 .Occupation code

D TM8266        1     934  
           Did ... work for an employer on that  
           job or was ... self-employed?

U All persons 18 to 64 years of age who  
   worked for 2 or more consecutive weeks  
   in 1978 or later

V        0 .Not applicable  
 V        1 .Worked for an employer  
 V        2 .Self-employed

D TM8268        2     935  
           Month started working for employer  
           or business

U All persons 18 to 64 years of age  
   who worked for 2 or more consecutive  
   weeks in 1978 or later

V        00 .Not applicable  
 V       01 - 12 .Month

D TM8270        4     937  
           Year started working for an employer  
           or business

U All persons 18 to 64 years of age  
   who worked for 2 or more consecutive  
   weeks in 1978 or later

V        0000 .Not applicable  
 V       1900-1990 .Year

D TM8272        2     941  
           Main reason ... stopped working  
           for employer or business

U All persons 18 to 64 years of age  
   who worked for 2 or more consecutive  
   weeks

V        00 .Not applicable  
 V        01 .Layoff, plant closed  
 V        02 .Discharged  
 V        03 .Job was temporary and ended  
 V        04 .Found a better job  
 V        05 .Retirement/old age  
 V        06 .Did not like working conditions  
 V        07 .Dissatisfied with earnings  
 V        08 .Did not like location  
 V        09 .Going to school  
 V        10 .Became pregnant/had child  
 V        11 .Health reasons  
 V        12 .Other family or personal reasons  
 V        13 .Other

D TM8274        4     943  
           In what year did ... first work six  
           straight months or longer at a regular  
           job or business

U All persons 18 to 64 years of age  
   who worked for 2 or more consecutive  
   weeks in 1978 or later

V        -3 .Never worked 6 straight months  
           at a job or business -  
           (skip To TM8300)  
 V        -1 .Don't know - skip to TM8286  
 V        0000 .Not applicable  
 V       1900-1990 .Year

D TM8276        2     947  
           Since (year in TM8274), has ...  
           always worked at least six months

DATA            SIZE   BEGIN

                  during the year

U All persons 18 to 64 years of age who  
   reported year first worked 6 straight  
   months or longer in 1978 or later

V        -1 .Don't know - skip to TM8300  
 V        00 .Not applicable  
 V        01 .Yes - skip To TM8300  
 V        02 .No

D TM8278        2     949  
           How many years were there when ...  
           worked at least 6 months

U All persons 18 to 64 years of age who  
   have not always worked at least 6 straight  
   months or longer during the year  
   in 1978 or later

V        00 .Not applicable  
 V       01 - 99 .Number of years worked

D TM8280        1     951  
           Check item T21  
           Is the year worked in TM8274  
           between 1976 and 1990

U All persons 18 to 64 years of age who  
   have not always worked at least 6 straight  
   months or longer during the year  
   1978 or later

V        0 .Not applicable  
 V        1 .Yes - skip To TM8286  
 V        2 .No

D TM8282        2     952  
           Since 1976 how many years have there  
           been when ... worked at least 6 months  
           during the year

U All persons 18 to 64 years of age who  
   have not always worked at least 6 straight  
   months or longer during the years 1978  
   or later

V        -5 .All years  
 V        00 .Not applicable  
 V       01 - 99 .Years

D TM8284        1     954  
           Check item T22  
           Is there a year in TM8274 or in TM8220

U All persons 18 to 64 years of age who  
   have not always worked at least 6 straight  
   months or longer during the years 1978  
   1978 or later

V        0 .Not applicable  
 V        1 .Yes  
 V        2 .No - skip to TM8300

D TM8286        1     955  
           (People spend time out of the labor  
           force for various reasons, such as  
           taking care of a home or family,  
           illness, going to school, or other  
           reasons.) Since (year in TM8218 or  
           TM8256) have there been any periods  
           lasting 6 months or longer when ...  
           did not work at a paid job or business

U All persons 18 to 64 years of age who  
   worked at least 6 straight months or  
   longer during 1978 or later

V        0 .Not applicable  
 V        1 .Yes  
 V        2 .No - skip To TM8300

SIPP 1990 TOPICAL MODULE WAVE 2

DATA	SIZE	BEGIN	DATA	SIZE	BEGIN
D TM8288	2	956	D IMP-8230	1	972
About how many times has ... gone 6			Topical module imputation flag #6		
months or longer without working at			Imputation for 'TM8230'		
a job or business			V	0	.Not imputed
U All persons 18 to 64 years of age who			V	1	.Imputed
have had periods of 6 months or more			D IMP-8232	1	973
without working since year started working			Topical module imputation flag #7		
V	00	.Not applicable	Imputation for 'TM8232'		
V	01 - 99	.Times	V	0	.Not imputed
D TM8290	4	958	V	1	.Imputed
When was the last time that ... went			D IMP-8234	1	974
6 months or longer without working			Topical module imputation flag #8		
at a job or business - beginning year			Imputation for 'TM8234'		
U All persons 18 to 64 years of age who			V	0	.Not imputed
have had periods of 6 months or more			V	1	.Imputed
without working since year started working			D IMP-8240	1	975
V	0000	.Not applicable	Topical module imputation flag #9		
V	1900-1990	.Year	Imputation for 'TM8240'		
D TM8292	4	962	V	0	.Not imputed
When was the last time that ... went			V	1	.Imputed
6 months or longer without working			D IMP-8242	1	976
at a job or business - ending year			Topical module imputation flag #10		
U All persons 18 to 64 years of age who			Imputation for 'TM8242'		
have had periods of 6 months or more			V	0	.Not imputed
without working since year started working			V	1	.Imputed
V	0000	.Not applicable	D IMP-8244	1	977
V	1900-1990	.Year	Topical module imputation flag #11		
D TM8294	1	966	Imputation for 'TM8244'		
What was the reason .. did not work at			V	0	.Not imputed
a job or business during that time			V	1	.Imputed
U All persons 18 to 64 years of age who			D IMP-8246	1	978
have had periods of 6 months or more			Topical module imputation flag #12		
without working since year started working			Imputation for 'TM8246'		
V	0	.Not applicable	V	0	.Not imputed
V	1	.Took care of family or home	V	1	.Imputed
V	2	.Own illness or disability	D IMP-8248	1	979
V	3	.Could not find work	Topical module imputation flag #12A		
V	4	.Going to school	Imputation for 'TM8248'		
V	5	.Became pregnant/had child	V	0	.Not imputed
V	6	.Other	V	1	.Imputed
D IMP-8218	1	967	D IMP-8250	1	980
Topical module imputation flag #1			Topical module imputation flag #13		
Imputation for 'TM8218'			Imputation for 'TM8250'		
when worked is marked			V	0	.Not imputed
V	0	.Not imputed	V	1	.Imputed
V	1	.Imputed	D IMP-8252	1	981
D IMP-8220	1	968	Topical module imputation flag #14		
Topical module imputation flag #2			Imputation for 'TM8252'		
Imputation for 'TM8220'			V	0	.Not imputed
when worked is marked			V	1	.Imputed
V	0	.Not imputed	D IMP-8266	1	982
V	1	.Imputed	Topical module imputation flag #15		
D IMP-8226	1	969	Imputation for 'TM8266'		
Topical module imputation flag #4			V	0	.Not imputed
Imputation for 'TM8226'			V	1	.Imputed
V	0	.Not imputed	D IMP-8268	1	983
V	1	.Imputed	Topical module imputation flag #16		
D IMP-8224	1	970	Imputation for 'TM8268'		
Topical module imputation flag #3			V	0	.Not imputed
Imputation for 'TM8224'			V	1	.Imputed
V	0	.Not imputed	D IMP-8228	1	971
V	1	.Imputed	Topical module imputation flag #5		
D IMP-8228	1	971	Imputation for 'TM8228'		
Topical module imputation flag #5			V	0	.Not imputed
Imputation for 'TM8228'			V	1	.Imputed
V	0	.Not imputed			
V	1	.Imputed			

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DATA      SIZE BEGIN
D IMP-8270  1  984
    Topical module imputation flag #17
    Imputation for 'TM8270'
V          0 .Not imputed
V          1 .Imputed
D IMP-8272  1  985
    Topical module imputation flag #18
    Imputation for 'TM8272'
V          0 .Not imputed
V          1 .Imputed
D IMP-8274  1  986
    Topical module imputation flag #19
    Imputation for 'TM8274'
V          0 .Not imputed
V          1 .Imputed
D IMP-8276  1  987
    Topical module imputation flag #20
    Imputation for 'TM8276'
V          0 .Not imputed
V          1 .Imputed
D IMP-8278  1  988
    Topical module imputation flag #21
    Imputation for 'TM8278'
V          0 .Not imputed
V          1 .Imputed
D IMP-8282  1  989
    Topical module imputation flag #22
    Imputation for 'TM8282'
V          0 .Not imputed
V          1 .Imputed
D IMP-8286  1  990
    Topical module imputation flag #23
    Imputation for 'TM8286'
V          0 .Not imputed
V          1 .Imputed
D IMP-8288  1  991
    Topical module imputation flag #24
    Imputation for 'TM8288'
V          0 .Not imputed
V          1 .Imputed
D IMP-8290  1  992
    Topical module imputation flag #25
    Imputation for 'TM8290'
V          0 .Not imputed
V          1 .Imputed
D IMP-829A  1  993
    Topical module imputation flag #26
    Imputation for 'TM8290'
V          0 .Not imputed
V          1 .Imputed
D IMP-8292  1  994
    Topical module imputation flag #27
    Imputation for 'TM8292'
V          0 .Not imputed
V          1 .Imputed
D IMP-8294  1  995
    Topical module imputation flag #28
    Imputation for 'TM8294'
V          0 .Not imputed
V          1 .Imputed
D IMP-IND  1  996
    Topical module imputation flag #29
    Imputation for 'TMIND3'

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DATA      SIZE BEGIN
V          0 .Not imputed
V          1 .Imputed
D IMP-OCC  1  997
    Topical module imputation flag #30
    Imputation for 'TMIND4'
V          0 .Not imputed
V          1 .Imputed
*****
* Part C: Work Disability History *
*****
D TM8300   1  998
    Check item T23
    What is ...'s age
U All persons
V          0 .Not applicable
V          1 .15 years - skip to TM8400
V          2 .16 to 67 years
V          3 .68 years or over - skip to
V          .TM8400
*****
* Now I want to talk about any health or *
* physical condition ... may have that *
* affected ...'s ability to work. *
*****
D TM8302   1  999
    Check item T24
    Is disabled (code 171) marked on the
    ISS for ...
U All persons 16 to 67 years of age
V          0 .Not applicable
V          1 .Yes - skip To TM8306
V          2 .No
D TM8304   1 1000
    Check item T25
    Is disabled (code 171) marked on the
    control card for ...
U All persons 16 to 67 years of age without
    disabled marked on the ISS
V          0 .Not applicable
V          1 .Yes
V          2 .No - skip To TM8308
D TM8306   1 1001
    We have recorded that ...'s health or
    condition limits kind or amount of work
    ... can do. Is that correct?
U All persons 16 to 67 years of age with
    disabled marked on control card
V          0 .Not applicable
V          1 .Yes - skip To TM8310
V          2 .No - skip To TM8400
D TM8308   1 1002
    Physical, mental or other health
    condition limits kind or amount
    of work ... can do
U All persons 16 to 67 years of age without
    disabled marked on control card
V          0 .Not applicable
V          1 .Yes - Mark '171' on ISS
V          2 .No - skip To TM8400

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SIPP 1990 TOPICAL MODULE WAVE 2

DATA SIZE BEGIN

D TM8310 2 1003  
When did ... become limited in the kind or amount of work that ... can do at a job - month  
U All persons 16 to 67 years of age who are limited to kind or amount of work  
V 00 .Not applicable  
V 01 - 12 .Month

D TM8312 4 1005  
When did ... become limited in the kind or amount of work that ... could do at a job - year  
U All persons 16 to 67 years of age who are limited to kind or amount of work  
V 0000 .Not applicable  
V 1900-1990 .Year

D TM8314 2 1009  
When did ... become limited in the kind or amount of work that ... can do at a job  
U All persons 16 to 67 years of age who are limited to kind or amount of work  
V -5 .Person became limited after retiring - skip To TM8400  
V -3 .Person was limited before person became of working age - skip to TM8324  
V 00 .Not applicable

D TM8316 1 1011  
Was ... employed at the time ...'s work limitation began  
U All persons 16 to 67 years of age who are limited to kind or amount of work  
V 0 .Not applicable  
V 1 .Yes - skip To TM8324  
V 2 .No

D TM8318 2 1012  
When was the last time ... worked before ...'s work limitation began - month  
U All persons 16 to 67 years of age not employed at time work limitation began  
V 00 .Not applicable  
V 01 - 12 .Month

D TM8320 4 1014  
When was the last time ... worked before ...'s work limitation began - year  
U All persons 16 to 67 years of age not employed at time work limitation began  
V 0000 .Not applicable  
V 1900-1990 .Year

D TM8322 2 1018  
When was the last time ... worked before ...'s work limitation began - year  
U All persons 16 to 67 years of age not employed at time work limitation began  
V -3 .Had never been employed before work limitation began  
V 00 .Not applicable

D TM8324 2 1020  
What health condition is the main reason for ...'s work limitation  
U All persons 16 to 67 years of age not employed at time work limitation began  
V 00 .Not applicable  
V 01 .Arthritis or rheumatism  
V 02 .Back or spine problems (including chronic stiffness or deformity of the back or

DATA SIZE BEGIN

V .spine)

03 .Blindness or vision problems (difficulty seeing well enough to read a newspaper, even with glasses on)

04 .Cancer

05 .Deafness or serious trouble hearing

06 .Diabetes

07 .Heart trouble (including heart attack (coronary), hardening of the arteries (arteriosclerosis))

08 .Hernia or rupture

09 .High blood pressure (hypertension)

10 .Kidney stones or chronic kidney trouble

11 .Lung or respiratory trouble (asthma, bronchitis, emphysema, respiratory allergies, tuberculosis or other lung trouble)

12 .Mental illness

13 .Mental retardation

14 .Missing legs, feet, arms, hands, or fingers

15 .Nervous or emotional problems, or alcohol or drug problems

16 .Paralysis of any kind

17 .Senility (Alzheimer's disease)

18 .Stiffness or deformity of the foot, leg, arm, or hand

19 .Stomach trouble (including ulcers, gallbladder or liver conditions)

20 .Stroke

21 .Thyroid trouble or goiter

22 .Tumor, cyst or growth

23 .Other

D TM8326 1 1022  
Was this condition caused by an accident or injury  
U All persons 16 to 67 years of age with work limitation  
V 0 .Not applicable  
V 1 .Yes  
V 2 .No - skip To TM8330

D TM8328 1 1023  
Where did the accident or injury take place - was it -  
U All persons 16 to 67 years of age with work limitation caused by accident or injury  
V 0 .Not applicable  
V 1 .On the job?  
V 2 .During service in the Armed Forces?  
V 3 .In the home?  
V 4 .Somewhere else?

D TM8330 1 1024  
Check item T26  
Is 'worked' (code 170) marked on the ISS  
U All persons 16 to 67 years of age with work limitation caused by accident or injury  
V 0 .Not applicable  
V 1 .Yes - skip to TM8340  
V 2 .No

DATA DICTIONARY

DATA            SIZE   BEGIN

D TM8332            1    1025  
 Does ...'s health or condition prevent ... from working at a job or business?

U All persons 16 to 67 years of age with work limitations and worked marked on ISS

V            0 .Not applicable  
 V            1 .Yes  
 V            2 .No - skip to TM8342

D TM8334            2    1026  
 When did ... become unable to work at a job - month?

U All persons 16 to 67 years of age with health condition that prevents working at a job or business

V            00 .Not applicable  
 V            01 - 12 .Month - skip to TM8400

D TM8336            4    1028  
 When did ... become unable to work at a job?

U All persons 16 to 67 years of age with health condition that prevents working at a job or business

V            0000 .Not applicable  
 V            1900-1990 .Year - skip to TM8400

D TM8338            2    1032  
 When did ... become unable to work at a job?

U All persons 16 to 67 years of age with health condition that prevents working at a job or business

V            -3 .Has never been able to work at a job - skip to TM8400  
 V            00 .Not applicable

D TM8340            1    1034  
 Check item T27  
 Did ... usually work 35 or more hours per week during the reference period?

U All persons 16 to 67 years of age with health limitations that do not prevent working

V            0 .Not applicable  
 V            1 .Yes -skip to TM8344  
 V            2 .No

D TM8342            1    1035  
 Is ... now able to work at a full-time job or is ... only able to work part-time?

U All persons 16 to 67 years of age with health limitations who usually worked 35 or more hours during reference period

V            0 .Not applicable  
 V            1 .Full-time  
 V            2 .Part-time  
 V            3 .Not able to work - skip to Statement F

D TM8344            1    1036  
 Is ... not able to work regularly or is ... only able to work occasionally or irregularly?

U All persons 16 to 67 years of age with health limitations who usually worked 35 or more hours during reference period

V            0 .Not applicable  
 V            1 .Regularly  
 V            2 .Only occasionally or irregularly  
 V            3 .Not able to work - skip to Statement F

DATA            SIZE   BEGIN

D TM8346            1    1037  
 Is ... now able to do the same kind of work ... did before ...'s work limitation began?

U All persons 16 to 67 years of age with health limitations who usually worked 35 or more hours during reference period

V            0 .Not applicable  
 V            1 .Yes, able to do same kind of work  
 V            2 .No, not able to do same kind of work  
 V            3 .Did not work before limitation began

D IMP-8306           1    1038  
 Topical module imputation flag #1  
 Imputation for 'TM8306'

V            0 .Not imputed  
 V            1 .Imputed

D IMP-8308           1    1039  
 Topical module imputation flag #2  
 Imputation for 'TM8308'

V            0 .Not imputed  
 V            1 .Imputed

D IMP-8310           1    1040  
 Topical module imputation flag #3  
 Imputation for 'TM8310'

V            0 .Not imputed  
 V            1 .Imputed

D IMP-1014           1    1041  
 Topical module imputation flag #4  
 Imputation for 'TM8310 - TM8314'

V            0 .Not imputed  
 V            1 .Imputed

D IMP-8318           1    1042  
 Topical module imputation flag #6  
 Imputation for 'TM8318'

V            0 .Not imputed  
 V            1 .Imputed

D IMP-1822           1    1043  
 Topical module imputation flag #7  
 Imputation for 'TM8318 - TM8322'

V            0 .Not imputed  
 V            1 .Imputed

D IMP-8324           1    1044  
 Topical module imputation flag #8  
 Imputation for 'TM8324'

V            0 .Not imputed  
 V            1 .Imputed

D IMP-8326           1    1045  
 Topical module imputation flag #9  
 Imputation for 'TM8326'

V            0 .Not imputed  
 V            1 .Imputed

D IMP-8328           1    1046  
 Topical module imputation flag #10  
 Imputation for 'TM8328'

V            0 .Not imputed  
 V            1 .Imputed

D IMP-8332           1    1047  
 Topical module imputation flag #11  
 Imputation for 'TM8332'

V            0 .Not imputed  
 V            1 .Imputed

SIPP 1990 TOPICAL MODULE WAVE 2

DATA	SIZE	BEGIN	DATA	SIZE	BEGIN
D IMP-8334	1	1048	D TM8408	1	1061
Topical module imputation flag #12A			Has ... received a high school diploma?		
Imputation for 'TM8334'			(include GED's.)		
V	0	.Not imputed	U All persons with highest grade attended		
V	1	.Imputed	grade 12 or less and not currently		
			attending elementary or high school		
D IMP-3438	1	1049	V	0	.Not applicable
Topical module imputation flag #12			V	1	.Yes
Imputation for 'TM8334 - TM8338'			V	2	.No - skip to TM8444
V	0	.Not imputed			
V	1	.Imputed	D TM8410	2	1062
			When did ... receive a high school		
D IMP-8342	1	1050	diploma?		
Topical module imputation flag #13			U All persons who received high school		
Imputation for 'TM8342'			diploma		
V	0	.Not imputed	V	00	.Not applicable
V	1	.Imputed	V	01 - 12	.Month
D IMP-8344	1	1051	D TM8412	4	1064
Topical module imputation flag #14			When did ... receive a high school		
Imputation for 'TM8344'			diploma?		
V	0	.Not imputed	U All persons who received high school		
V	1	.Imputed	diploma		
			V	0000	.Not applicable
D IMP-8346	1	1052	V	1890-1990	.Year
Topical module imputation flag #15					
Imputation for 'TM8346'			D TM8414	1	1068
V	0	.Not imputed	Was the high school that ... attended		
V	1	.Imputed	public, private, church-related		
			or private, not church-related?		
			U All persons 16 to 67 years of age who		
			received high school diploma		
			V	0	.Not applicable
			V	1	.Public
			V	2	.Private, church-related
			V	3	.Private, not church-related
			V	4	.Did not attend high school
			D TM8416	1	1069
			Check item T29		
			Was ...'s highest grade attended at		
			least one year of college?		
			U All persons who received high school		
			diploma		
			V	0	.Not applicable
			V	1	.Yes
			V	2	.No - skip to TM8444
			D TM8418	2	1070
			When did ... first attend college or a		
			university?		
			U All persons who attended at least		
			one year of college		
			V	00	.Not applicable
			V	01 - 12	.Month
			D TM8420	4	1072
			When did ... first attend college or a		
			university?		
			U All persons who attended at least		
			one year of college		
			V	0000	.Not applicable
			V	1890-1990	.Year
			D TM8406	1	1060
			When did ... last attend elementary or		
			high school?		
			U All persons with highest grade attended		
			grade 12 or less		
			V	0	.Not applicable
			V	1	.Currently attending - skip to
			V		.TM8550
			V	2	.Never attended

\*\*\*\*\*  
 \* Part D: Education and Training History \*  
 \*  
 \*\*\*\*\*  
 \*\*\*\*\*  
 \* Now I would like to ask you a few \*  
 \* questions about ...'s education and any \*  
 \* work training ... may have received \*  
 \*\*\*\*\*

DATA DICTIONARY

DATA SIZE BEGIN

D TM8422 1 1076  
 What is the highest degree beyond a high school diploma that ... has earned?

U All persons who attended at least one year of college

V 0 .Not applicable  
 V 1 .Ph.D. or equivalent  
 V 2 .Professional degree such as .dentistry, medicine, law or .theology  
 V 3 .Master's degree  
 V 4 .Bachelor's degree  
 V 5 .Associate degree  
 V 6 .Vocational certificate or .diploma  
 V 7 .Has not earned a degree - skip .to TM8436

D TM8424 2 1077  
 When did ... receive that degree?

U All persons who earned college degree

V 00 .Not applicable  
 V 01 - 12 .Month

D TM8426 4 1079  
 When did ... receive that degree?

U All persons who earned college degree

V 0000 .Not applicable  
 V 1890-1990 .Year

D TM8428 2 1083  
 In what field of study did ... receive that degree?

U All persons who earned college degree

V 00 .Not applicable  
 V 01 .Agriculture or forestry  
 V 02 .Biology  
 V 03 .Business or management  
 V 04 .Economics  
 V 05 .Education  
 V 06 .Engineering (including .computers and computing)  
 V 07 .English or journalism  
 V 08 .Home economics  
 V 09 .Law  
 V 10 .Liberal arts or humanities .(including arts, architecture, .music, languages, philosophy, .etc.)  
 V 11 .Mathematics or statistics  
 V 12 .Medicine or dentistry  
 V 13 .Nursing, pharmacy, or health .technologies  
 V 14 .Physical or earth sciences  
 V 15 .Police science or law .enforcement  
 V 16 .Psychology  
 V 17 .Religion or theology  
 V 18 .Social sciences (history, .sociology, political science, .etc.)  
 V 19 .Vocational or technical studies  
 V 20 .Other

D TM8430 1 1085  
 Check item T30  
 Did ... receive a degree higher than a Bachelor's degree? (Box 1, 2, or 3 marked in TM8422)

U All persons who received college degree

V 0 .Not applicable  
 V 1 .Yes  
 V 2 .No - skip to TM8444

DATA SIZE BEGIN

D TM8432 2 1086  
 When did ... receive his/her Bachelor's degree?

U All persons who received Bachelor's degree

V 00 .Not applicable  
 V 01 - 12 .Month

D TM8434 4 1088  
 When did ... receive his/her Bachelor's degree?

U All persons who received Bachelor's degree

V 0000 .Not applicable  
 V 1890-1990 .Year

D TM8436 2 1092  
 In what field of study were the courses that ... took at college or university?

U All persons who attended at least one year of college

V 00 .Not applicable  
 V 01 - 20 .Field of study - see TM8428

D TM8438 2 1094  
 When was the last time that ... was a student at a college or university?

U All persons who attended at least one year of college

V 00 .Not applicable  
 V 01 - 12 .Month

D TM8440 4 1096  
 When was the last time that ... was a student at a college or university?

U All persons who attended at least one year of college

V 0000 .Not applicable  
 V 1890-1990 .Year

D TM8442 1 1100  
 When was the last time that ... was a student at a college or university?

U All persons who attended at least one year of college

V 0 .Not applicable  
 V 1 .Is still a student

D TM8444 1 1101  
 Check item T31  
 Is ... 65 years of age or over?

U All persons

V 0 .Not applicable  
 V 1 .Yes - skip to TM8550  
 V 2 .No

D TM8446 1 1102  
 Has ... ever received training designed to help find a job, improve job skills or learn a new job?

U Persons under 65 years of age

V 0 .Not applicable  
 V 1 .Yes  
 V 2 .No - skip to TM8550

SIPP 1990 TOPICAL MODULE WAVE 2

DATA	SIZE	BEGIN
*****		
* COMMENT		*
* Was any of this training sponsored by *		*
* any of the following programs?		*
*****		
D TM8448	1	1103
Job Training Partnership Act (JTPA)		
U Persons under 65 years of age who received training designed to help find a job, improve job skills or learn a new job		
V	0	.Not applicable
V	1	.Job Training Partnership Act (JTPA)
V		
D TM8450	1	1104
Comprehensive Employment Training Act (CETA)		
U Persons under 65 years of age who received training designed to help find a job, improve job skills or learn a new job		
V	0	.Not applicable
V	1	.Comprehensive Employment Training Act (CETA)
V		
D TM8452	1	1105
Work Incentive Program (WIN)		
U Persons under 65 years of age who received training designed to help find a job, improve job skills or learn a new job		
V	0	.Not applicable
V	1	.Work Incentive Program (WIN)
V		
D TM8454	1	1106
Trade Adjustment Assistance Act		
U Persons under 65 years of age who received training designed to help find a job, improve job skills or learn a new job		
V	0	.Not applicable
V	1	.Trade Adjustment Assistance Act
V		
D TM8456	1	1107
Veterans' Training Programs		
U Persons under 65 years of age who received training designed to help find a job, improve job skills or learn a new job		
V	0	.Not applicable
V	1	.Veterans' Training Programs
V		
D TM8458	1	1108
Other sources of assistance		
U Persons under 65 years of age who received training designed to help find a job, improve job skills or learn a new job		
V	0	.Not applicable
V	1	.Other - skip to TM8472
V		
D TM8460	1	1109
What type of training program is (was) this?		
U Persons under 65 years of age who received training designed to help find a job, improve job skills or learn a new job		
V	0	.Not applicable
V	1	.Classroom training - job skills - skip to TM8496
V		
D TM8462	1	1110
What type of training program is (was) this?		
U Persons under 65 years of age who received training designed to help find a job, improve job skills or learn a new job		
V	0	.Not applicable

DATA	SIZE	BEGIN
V	1	.Classroom training - basic education - skip to TM8496
V		
D TM8464	1	1111
What type of training program is (was) this?		
U Persons under 65 years of age who received training designed to help find a job, improve job skills or learn a new job		
V	0	.Not applicable
V	1	.On-the-job training - skip to TM8496
V		
D TM8466	1	1112
What type of training program is (was) this?		
U Persons under 65 years of age who received training designed to help find a job, improve job skills or learn a new job		
V	0	.Not applicable
V	1	.Job search assistance - skip to TM8496
V		
D TM8468	1	1113
What type of training program is (was) this?		
U Persons under 65 years of age who received training designed to help find a job, improve job skills or learn a new job		
V	0	.Not applicable
V	1	.Job search assistance - skip to TM8496
V		
D TM8470	1	1114
What type of training program is (was) this?		
U Persons under 65 years of age who received training designed to help find a job, improve job skills or learn a new job		
V	0	.Not applicable
V	1	.Work experience - skip to TM8496
V		
D TM8472	1	1115
Where did ... receive this training?		
U Persons under 65 years of age who received training sponsored by specific government programs		
V	0	.Not applicable
V	1	.Apprenticeship program
V		
D TM8474	1	1116
Where did ... receive this training?		
U Persons under 65 years of age who received training sponsored by specific government programs		
V	0	.Not applicable
V	1	.Business, commercial, or vocational school
V		
D TM8476	1	1117
Where did ... receive this training?		
U Persons under 65 years of age who received training sponsored by specific government programs		
V	0	.Not applicable
V	1	.Junior or community college
V		
D TM8478	1	1118
Where did ... receive this training?		
U Persons under 65 years of age who received training sponsored by specific government programs		
V	0	.Not applicable
V	1	.Program completed at a 4 year college or graduate school
V		

DATA DICTIONARY

DATA        SIZE BEGIN

D TM8480        1    1119  
 Where did ... receive this training?  
 U Persons under 65 years of age who received  
 training sponsored by specific government  
 programs  
 V            0 .Not applicable  
 V            1 .High school vocational program

D TM8482        1    1120  
 Where did ... receive this training?  
 U Persons under 65 years of age who received  
 training sponsored by specific government  
 programs  
 V            0 .Not applicable  
 V            1 .Training program at work

D TM8484        1    1121  
 Where did ... receive this training?  
 U Persons under 65 years of age who received  
 training sponsored by specific government  
 programs  
 V            0 .Not applicable  
 V            1 .Military (exclude basic  
 .training)

D TM8486        1    1122  
 Where did ... receive this training?  
 U Persons under 65 years of age who received  
 training sponsored by specific government  
 programs  
 V            0 .Not applicable  
 V            1 .Correspondence course

D TM8488        1    1123  
 Where did ... receive this training?  
 U Persons under 65 years of age who received  
 training sponsored by specific government  
 programs  
 V            0 .Not applicable  
 V            1 .Training or experience  
 V            .received on previous job

D TM8490        1    1124  
 Where did ... receive this training?  
 U Persons under 65 years of age who received  
 training sponsored by specific government  
 programs  
 V            0 .Not applicable  
 V            1 .Sheltered workshop

D TM8492        1    1125  
 Where did ... receive this training?  
 U Persons under 65 years of age who received  
 training sponsored by specific government  
 programs  
 V            0 .Not applicable  
 V            1 .Vocational rehabilitation  
 V            .centers

D TM8494        1    1126  
 Where did ... receive this training?  
 U Persons under 65 years of age who received  
 training sponsored by specific government  
 programs  
 V            0 .Not applicable  
 V            1 .Other

D TM8496        1    1127  
 Does ... use this training on ...'s (most  
 recent) job?  
 U Persons under 65 years of age who received  
 training designed to help find a job,  
 improve job skills or learn a new job  
 V            0 .Not applicable

DATA        SIZE BEGIN

V            1 .Yes  
 V            2 .No

D TM8498        2    1128  
 When did ... start this (most recent)  
 training?  
 U Persons under 65 years of age who received  
 training designed to help find a job,  
 improve job skills or learn a new job  
 V            -1 .Don't know  
 V            00 .Not applicable  
 V            01 - 12 .Month

D TM8500        4    1130  
 When did ... start this (most recent)  
 training?  
 U Persons under 65 years of age who received  
 training designed to help find a job,  
 improve job skills or learn a new job  
 V            -1 .Don't know  
 V            0000 .Not applicable  
 V            1890-1990 .Year

D TM8502        3    1134  
 For how many weeks did ... attend this  
 (most recent) training program?  
 U Persons under 65 years of age who received  
 training designed to help find a job,  
 improve job skills or learn a new job  
 V            000 .Not applicable  
 V            001 - 999 .Weeks

D TM8504        2    1137  
 For how many weeks did ... attend this  
 (most recent) training program?  
 U Persons under 65 years of age who received  
 training designed to help find a job,  
 improve job skills or learn a new job  
 V            -4 .Less than 1 week  
 V            -3 .Currently attending  
 V            00 .Not applicable

D TM8506        1    1139  
 Who paid for this (most recent)  
 program?  
 U Persons under 65 years of age who received  
 training designed to help find a job,  
 improve job skills or learn a new job  
 V            0 .Not applicable  
 V            1 .Self or family

D TM8508        1    1140  
 Who paid for this (most recent)  
 program?  
 U Persons under 65 years of age who received  
 training designed to help find a job,  
 improve job skills or learn a new job  
 V            0 .Not applicable  
 V            1 .Employer

D TM8510        1    1141  
 Who paid for this (most recent)  
 program?  
 U Persons under 65 years of age who received  
 training designed to help find a job,  
 improve job skills or learn a new job  
 V            0 .Not applicable  
 V            1 .Federal, State, or local  
 V            .government

SIPP 1990 TOPICAL MODULE WAVE 2

DATA        SIZE    BEGIN

D TM8512     1    1142  
 Who paid for this (most recent) program?

U Persons under 65 years of age who received  
 training designed to help find a job,  
 improve job skills or learn a new job

V        0 .Not applicable  
 V        1 .Someone else

D TM-IFD0    1    1143  
 Topical module imputation flag #1  
 Imputation for 'TM8414'

V        0 .Not imputed  
 V        1 .Imputed  
 V        2 .Computed

D TM-IFD1    1    1144  
 Topical module imputation flag #2  
 Imputation for 'TM8420'

V        0 .Not imputed  
 V        1 .Imputed  
 V        2 .Computed

D TM-IFD2    1    1145  
 Topical module imputation flag #3  
 Imputation for 'TM8422'

V        0 .Not imputed  
 V        1 .Imputed  
 V        2 .Computed

D TM-IFD3    1    1146  
 Topical module imputation flag #4  
 Imputation for 'TM8426'

V        0 .Not imputed  
 V        1 .Imputed  
 V        2 .Computed

D TM-IFD4    1    1147  
 Topical module imputation flag #5  
 Imputation for 'TM8428'

V        0 .Not imputed  
 V        1 .Imputed  
 V        2 .Computed

D TM-IFD5    1    1148  
 Topical module imputation flag #6  
 Imputation for 'TM8434'

V        0 .Not imputed  
 V        1 .Imputed  
 V        2 .Computed

D TM-IFD6    1    1149  
 Topical module imputation flag #7  
 Imputation for 'TM8436'

V        0 .Not imputed  
 V        1 .Imputed  
 V        2 .Computed

D TM-IFD7    1    1150  
 Topical module imputation flag #8  
 Imputation for 'TM8440'

V        0 .Not imputed  
 V        1 .Imputed  
 V        2 .Computed

D TM-IFD8    1    1151  
 Topical module imputation flag #9  
 Imputation for 'TM8446'

V        0 .Not imputed  
 V        1 .Imputed  
 V        2 .Computed

D TM-IFD9    1    1152  
 Topical module imputation flag #10  
 Imputation for 'TM8448 - TM458'

V        0 .Not imputed

DATA        SIZE    BEGIN

V        1 .Imputed  
 V        2 .Computed

D TM-IFD10   1    1153  
 Topical module imputation flag #11  
 Imputation for 'TM8460 - 8470'

V        0 .Not imputed  
 V        1 .Imputed  
 V        2 .Computed

D TM-IFD11   1    1154  
 Topical module imputation flag #12  
 Imputation for 'TM8472 - TM8494'

V        0 .Not imputed  
 V        1 .Imputed  
 V        2 .Computed

D TM-IFD12   1    1155  
 Topical module imputation flag #13  
 Imputation for 'TM8496'

V        0 .Not imputed  
 V        1 .Imputed  
 V        2 .Computed

D TM-IFD13   1    1156  
 Topical module imputation flag #14  
 Imputation for 'TM8500'

V        0 .Not imputed  
 V        1 .Imputed  
 V        2 .Computed

D TM-IFD14   1    1157  
 Topical module imputation flag #15  
 Imputation for 'TM8502'

V        0 .Not imputed  
 V        1 .Imputed  
 V        2 .Computed

D TM-IFD15   1    1158  
 Topical module imputation flag #16  
 Imputation for 'TM8506 - TM8512'

V        0 .Not imputed  
 V        1 .Imputed  
 V        2 .Computed

\*\*\*\*\*  
 \*            Part E: Marital History            \*  
 \*\*\*\*\*

D TM8600     1    1159  
 What is ...'s current marital  
 status ?

U Persons 15 years and older

V        0 .Not in universe  
 V        1 .Married, spouse present  
 V        2 .Married, spouse absent  
 V        3 .Widowed  
 V        4 .Divorced  
 V        5 .Separated  
 V        6 .Never married - skip to  
 V        .TM8700

\*\*\*\*\*  
 \*            Now I have a few questions about            \*  
 \*            ...'s marital history.                            \*  
 \*\*\*\*\*

## DATA DICTIONARY

DATA	SIZE	BEGIN	DATA	SIZE	BEGIN
D TM8602	1	1160	V	0000	.Not in universe
		How many times has ... been married ?	V	1900-1990	.Year
U Persons	15 years and older	ever married	D TM8620	1	1181
V	0	.Not in universe			Check item T36
V	1	.1 - skip to TM8638			How many times has ... been married?
V	2	.2	U Persons	15 years and older	married more than once
V	3	.3	V	0	.Not in universe
V	4	.4+	V	1	.2 - skip to TM8638
D TM8604	2	1161	V	2	.3+
		In what month and year did ... get married for the first time ?	D TM8622	2	1182
U Persons	15 years and older	married more than once			In what month and year did ... get married for the second time?
V	00	.Not in universe	U Persons	15 years and older	married more than twice
V	01 - 12	.Month	V	00	.Not in universe
D TM8606	4	1163	V	01 - 12	.Months
		In what month and year did ... get married for the first time?	D TM8624	4	1184
U Persons	15 years and older	married more than once			In what month and year did ... get married for the second time?
V	0000	.Not in universe	U Persons	15 years and older	married more than twice
V	1900-1990	.Year	V	0000	.Not in universe
D TM8608	1	1167	V	1900-1990	.Year
		Did ...'s first marriage end in widowhood or in divorce ?	D TM8626	1	1188
U Persons	15 years and older	married more than once			Did ...'s second marriage end in widowhood or in divorce ?
V	0	.Not in universe	U Persons	15 years and older	married more than twice
V	1	.Widowhood	V	0	.Not in universe
V	2	.Divorce	V	1	.Widowhood
D TM8610	2	1168	V	2	.Divorce
		In what month and year was ... (widowed/divorced) ?	D TM8628	2	1189
U Persons	15 years and older	married more than once			In what month and year was ... (widowed/divorced)?
V	00	.Not in universe	U Persons	15 years and older	married more than twice
V	01 - 12	.Month	V	00	.Not in universe
D TM8612	4	1170	V	01 - 12	.Month
		In what month and year was ... (widowed / divorced) ?	D TM8630	4	1191
U Persons	15 years and older	married more than once			In what month and year was ... (widowed/divorced)?
V	0000	.Not in universe	U Persons	15 years and older	married more than twice
V	1900-1990	.Year	V	0000	.Not in universe
D TM8614	1	1174	V	1900-1990	.Year
		Check item T35	D TM8632	1	1195
		Is "widowhood" marked in TM8608 ?			Check item T37
U Persons	15 years and older	married more than once			Is "widowhood" marked in TM8626?
V	0	.Not in universe	U Persons	15 years and older	married more than twice
V	1	.Yes - skip to TM8620	V	0	.Not in universe
V	2	.No	V	1	.Yes - skip to TM8638
D TM8616	2	1175	V	2	.No
		In what month and year did ... actually stop living with his/her spouse ?	D TM8634	2	1196
U Persons	15 years and older	married more than once, never widowed			In what month and year did ... actually stop living with his/her second spouse?
V	00	.Not in universe	U Persons	15 years and older	married more than twice, never widowed
V	01 - 12	.Month	V	00	.Not in universe
D TM8618	4	1177	V	01 - 12	.Months
		In what month and year did ... actually stop living with his/her spouse ?			
U Persons	15 years and older	married more than once, never widowed			

SIPP 1990 TOPICAL MODULE WAVE 2

DATA	SIZE	BEGIN	DATA	SIZE	BEGIN
D TM8636	4	1198			
		In what month and year did ...			When did ... actually stop living
		actually stop living with his/her			with his/her (most recent) spouse?
		second spouse ?	U		Persons 15 years and older, widowed or
U		Persons 15 years and older married more			divorced
		than twice, never widowed	V	00	.Not in universe
V	0000	.Not in universe	V	01 - 12	.Months
V	1900-1990	.Year			
D TM8638	1	1202	D TM8654	4	1219
		Check item T38			When did ... actually stop living
		Has a Wave 2 interview been obtained			with his/her (most recent) spouse?
		for ...'s spouse?	U		Persons 15 years and older, widowed or
U		Persons 15 years and older ever married			divorced
V	0	.Not in universe	V	0000	.Not in universe
V	1	.Yes - skip to TM8700	V	1900-1990	.Year
V	2	.No			
V	3	.No, no spouse in household	D FAFM	1	1223
D TM8640	2	1203			The imputation flag for
		In what month and year did ...			TM8604 and TM8606
		get married (most recently)?	V	0	.Not in universe
U		Persons 15 years and older ever married	V	1	.Everything is acceptable
		whose spouse has not been interviewed	V	2	.Month was not acceptable
V	00	.Not in universe	V	3	.Year and/or month was not
V	01 - 12	.Month	V		.acceptable
D TM8642	4	1205	D FAFT	1	1224
		In what month and year did ...			The imputation flag for
		get married (most recently)?			TM8610 and TM8612
U		Persons 15 years and older ever married	V	0	.Not in universe
		whose spouse has not been interviewed	V	1	.Everything is acceptable
V	0000	.Not in universe	V	2	.Month was not acceptable
V	1900-1990	.Year	V	3	.Year and/or month was not
D TM8644	1	1209	V		.acceptable
		Check item T39	D FAFS	1	1225
		What is ...'s current marital status?			The imputation flag for
U		Persons 15 years and older ever married			TM8616 and TM8618
		whose spouse has not been interviewed	V	0	.Not in universe
V	0	.Not in universe	V	1	.Everything is acceptable
V	1	.Married, spouse present - skip	V	2	.Month was not acceptable
V		.to TM8700	V	3	.Year and/or month was not
V	2	.Married, spouse absent - skip	V		.acceptable
V		.to TM8700	D FASM	1	1226
V	3	.Widowed			The imputation flag for
V	4	.Divorced			TM8622 and TM8624
V	5	.Separated - skip to TM8652	V	0	.Not in universe
D TM8646	2	1210	V	1	.Everything is acceptable
		In what month and year was ...	V	2	.Month was not acceptable
		(widowed/divorced)?	V	3	.Year and/or month was not
U		Persons 15 years and older, widowed or	V		.acceptable
		divorced	D FAST	1	1227
V	00	.Not in universe			The imputation flag for
V	01 - 12	.Month			TM8628 and TM8630
D TM8648	4	1212	V	0	.Not in universe
		In what month and year was ...	V	1	.Everything is acceptable
		(widowed/divorced)?	V	2	.Month was not acceptable
U		Persons 15 years and older, widowed or	V	3	.Year and/or month was not
		divorced	V		.acceptable
V	0000	.Not in universe	D FASS	1	1228
V	1900-1990	.Year			The imputation flag for
D TM8650	1	1216			TM8634 and TM8636
		Check item T40	V	0	.Not in universe
		Is "widowed" marked in TM8644?	V	1	.Everything is acceptable
U		Persons 15 years and older, widowed or	V	2	.Month was not acceptable
		divorced	V	3	.Year and/or month was not
V	0	.Not in universe	V		.acceptable
V	1	.Yes - skip to TM8700			
V	2	.No	D TM8652	2	1217

DATA DICTIONARY

DATA	SIZE	BEGIN
D FALM	1	1229
	The imputation flag for TM8640 and TM8642	
V	0	.Not in universe
V	1	.Everything is acceptable
V	2	.Month was not acceptable
V	3	.Year and/or month was not acceptable
V		
D FALT	1	1230
	The imputation flag for TM8646 and TM8648	
V	0	.Not in universe
V	1	.Everything is acceptable
V	2	.Month was not acceptable
V	3	.Year and/or month was not acceptable
V		
D FALS	1	1231
	The imputation flag for TM8652 and TM8654	
V	0	.Not in universe
V	1	.Everything is acceptable
V	2	.Month was not acceptable
V	3	.Year and/or month was not acceptable
V		
D FTIM	1	1232
	The imputation flag for 'TM8602'	
V	0	.Not imputed
V	1	.Imputed
D FFME	1	1233
	The imputation flag for 'TM8608'	
V	0	.Not imputed
V	1	.Imputed
D FSME	1	1234
	The imputation flag for 'TM8626'	
V	0	.Not imputed
V	1	.Imputed
*****		
*	Part F: Migration History	
*****		
*****		
*	(Now I have some questions about	
*	places where ... has lived in the	
*	past, and where ... was born.)	
*****		
D TM8700	2	1235
	When did ... move into this home/apartment/mobile	
U	Persons 15 years or older	
V	00	.Not in universe
V	01 - 12	.Month
D TM8702	4	1237
	When did ... move into this home/apartment/mobile	
U	Persons 15 years or older	
V	-4	.Always lived here/born here - skip to TM8750
V	0000	.Not in universe
V	1900-1990	.Year
D TM8704	1	1241
	Before living here, where did ... live?	
U	Persons 15 years or older who have moved	
V	0	.Not in universe
V	1	.Same state, same county
V	2	.Same state, different county

DATA	SIZE	BEGIN
D TM8706	2	1242
	Before living here, where did ... live?	
	Different state: skip to TM8722	
U	Persons 15 years or older who have moved	
V	00	.Not in universe
	State codes or foreign country codes:	
V	01	.Alabama
V	02	.Alaska
V	03	.Arizona
V	04	.Arkansas
V	05	.California
V	06	.Colorado
V	07	.Connecticut
V	08	.Delaware
V	09	.District of Columbia
V	10	.Florida
V	11	.Georgia
V	12	.Hawaii
V	13	.Idaho
V	14	.Illinois
V	15	.Indiana
V	16	.Iowa
V	17	.Kansas
V	18	.Kentucky
V	19	.Louisiana
V	20	.Maine
V	21	.Maryland
V	22	.Massachusetts
V	23	.Michigan
V	24	.Minnesota
V	25	.Mississippi
V	26	.Missouri
V	27	.Montana
V	28	.Nebraska
V	29	.Nevada
V	30	.New Hampshire
V	31	.New Jersey
V	32	.New Mexico
V	33	.New York
V	34	.North Carolina
V	35	.North Dakota
V	36	.Ohio
V	37	.Oklahoma
V	38	.Oregon
V	39	.Pennsylvania
V	40	.Rhode Island
V	41	.South Carolina
V	42	.South Dakota
V	43	.Tennessee
V	44	.Texas
V	45	.Utah
V	46	.Vermont
V	47	.Virginia
V	48	.Washington
V	49	.West Virginia
V	50	.Wisconsin
V	51	.Wyoming
V	60	.Puerto Rico
V	61	.Outlying area of U.S.
V	62	.Austria
V	63	.Canada
V	64	.China
V	65	.Cuba
V	66	.Czechoslovakia
V	67	.Dominican Republic
V	68	.Germany
V	69	.Greece
V	70	.Hungary
V	71	.India
V	72	.Ireland
V	73	.Italy
V	74	.Jamaica

SIPP 1990 TOPICAL MODULE WAVE 2

DATA	SIZE	BEGIN
V	75	.Japan
V	76	.Korea
V	77	.Mexico
V	78	.Norway
V	79	.Philippines
V	80	.Poland
V	81	.Portugal
V	82	.Sweden
V	83	.United Kingdom
V	84	.U. S. S. R.
V	85	.Vietnam
V	86	.Other Europe
V	87	.Other Asia
V	88	.Central America
V	89	.South America
V	90	.Middle East
V	91	.Africa
V	99	.Other (specify)

D TM8708 2 1244  
 Before living here, where did ... live?  
 Different country:  
 skip to TM8722

U Persons 15 years or older who have moved  
 V 00 .Not in universe

State codes or foreign country codes:

V	01	.Alabama
V	02	.Alaska
V	03	.Arizona
V	04	.Arkansas
V	05	.California
V	06	.Colorado
V	07	.Connecticut
V	08	.Delaware
V	09	.District of Columbia
V	10	.Florida
V	11	.Georgia
V	12	.Hawaii
V	13	.Idaho
V	14	.Illinois
V	15	.Indiana
V	16	.Iowa
V	17	.Kansas
V	18	.Kentucky
V	19	.Louisiana
V	20	.Maine
V	21	.Maryland
V	22	.Massachusetts
V	23	.Michigan
V	24	.Minnesota
V	25	.Mississippi
V	26	.Missouri
V	27	.Montana
V	28	.Nebraska
V	29	.Nevada
V	30	.New Hampshire
V	31	.New Jersey
V	32	.New Mexico
V	33	.New York
V	34	.North Carolina
V	35	.North Dakota
V	36	.Ohio
V	37	.Oklahoma
V	38	.Oregon
V	39	.Pennsylvania
V	40	.Rhode Island
V	41	.South Carolina
V	42	.South Dakota
V	43	.Tennessee
V	44	.Texas
V	45	.Utah
V	46	.Vermont
V	47	.Virginia
V	48	.Washington
V	49	.West Virginia

DATA	SIZE	BEGIN
V	50	.Wisconsin
V	51	.Wyoming
V	60	.Puerto Rico
V	61	.Outlying area of U. S.
V	62	.Austria
V	63	.Canada
V	64	.China
V	65	.Cuba
V	66	.Czechoslovakia
V	67	.Dominican Republic
V	68	.Germany
V	69	.Greece
V	70	.Hungary
V	71	.India
V	72	.Ireland
V	73	.Italy
V	74	.Jamaica
V	75	.Japan
V	76	.Korea
V	77	.Mexico
V	78	.Norway
V	79	.Philippines
V	80	.Poland
V	81	.Portugal
V	82	.Sweden
V	83	.United Kingdom
V	84	.U. S. S. R.
V	85	.Vietnam
V	86	.Other Europe
V	87	.Other Asia
V	88	.Central America
V	89	.South America
V	90	.Middle East
V	91	.Africa
V	99	.Other(specify)

D TM8709 2 1246  
 During what period of time did  
 ... live there?  
 V -4 .Lived there since birth  
 V .(skip to TM8750)  
 V 00 .Not in universe

D TM8710 2 1248  
 During what period of time did  
 ... live there?  
 From  
 U Persons 15 years or older who have moved  
 V 00 .Not in universe  
 V 01 - 12 .Month

D TM8712 4 1250  
 During what period of time did  
 ... live there?  
 From  
 U Persons 15 years or older who have moved  
 V 0000 .Not in universe  
 V 1900-1990 .Year

D TM8714 2 1254  
 During what period of time did  
 ... live there?  
 To  
 U Persons 15 years or older who have moved  
 V 00 .Not in universe  
 V 01 - 12 .Month

D TM8716 4 1256  
 During what period of time did  
 ... live there?  
 To  
 U Persons 15 years or older who have moved  
 V 0000 .Not in universe  
 V 1900-1990 .Year

DATA DICTIONARY

DATA        SIZE    BEGIN

D TM8718        1    1260  
 Has ... ever lived in another  
 state or foreign country?

U Persons 15 years or older who have moved

V            0 .Not in universe  
 V            1 .Yes  
 V            2 .No - skip to TM8730

D TM8720        2    1261  
 What state or foreign country was that?  
 (If more than one, ask for most recent.)

U Persons 15 years or older who have ever  
 lived in another state or foreign  
 country

V            0 .Not in universe  
 State or foreign country codes:

V            01 .Alabama  
 V            02 .Alaska  
 V            03 .Arizona  
 V            04 .Arkansas  
 V            05 .California  
 V            06 .Colorado  
 V            07 .Connecticut  
 V            08 .Delaware  
 V            09 .District of Columbia  
 V            10 .Florida  
 V            11 .Georgia  
 V            12 .Hawaii  
 V            13 .Idaho  
 V            14 .Illinois  
 V            15 .Indiana  
 V            16 .Iowa  
 V            17 .Kansas  
 V            18 .Kentucky  
 V            19 .Louisiana  
 V            20 .Maine  
 V            21 .Maryland  
 V            22 .Massachusetts  
 V            23 .Michigan  
 V            24 .Minnesota  
 V            25 .Mississippi  
 V            26 .Missouri  
 V            27 .Montana  
 V            28 .Nebraska  
 V            29 .Nevada  
 V            30 .New Hampshire  
 V            31 .New Jersey  
 V            32 .New Mexico  
 V            33 .New York  
 V            34 .North Carolina  
 V            35 .North Dakota  
 V            36 .Ohio  
 V            37 .Oklahoma  
 V            38 .Oregon  
 V            39 .Pennsylvania  
 V            40 .Rhode Island  
 V            41 .South Carolina  
 V            42 .South Dakota  
 V            43 .Tennessee  
 V            44 .Texas  
 V            45 .Utah  
 V            46 .Vermont  
 V            47 .Virginia  
 V            48 .Washington  
 V            49 .West Virginia  
 V            50 .Wisconsin  
 V            51 .Wyoming  
 V            52 .United States (Unknown State)  
 V            60 .Puerto Rico  
 V            61 .Outlying area of U. S.  
 V            62 .Austria  
 V            63 .Canada  
 V            64 .China  
 V            65 .Cuba  
 V            66 .Czechoslovakia

DATA        SIZE    BEGIN

V            67 .Dominican Republic  
 V            68 .Germany  
 V            69 .Greece  
 V            70 .Hungary  
 V            71 .India  
 V            72 .Ireland  
 V            73 .Italy  
 V            74 .Jamaica  
 V            75 .Japan  
 V            76 .Korea  
 V            77 .Mexico  
 V            78 .Norway  
 V            79 .Philippines  
 V            80 .Poland  
 V            81 .Portugal  
 V            82 .Sweden  
 V            83 .United Kingdom  
 V            84 .U. S. S. R.  
 V            85 .Vietnam  
 V            86 .Other Europe  
 V            87 .Other Asia  
 V            88 .Central America  
 V            89 .South America  
 V            90 .Middle East  
 V            91 .Africa  
 V            92 .Overseas (country unknown)  
 V            99 .Other(specify)

D TM8722        2    1263  
 During what period of time did  
 ... live there?  
 From

U Persons 15 years or older who have lived  
 in another state or foreign country

V            00 .Not in universe  
 V            01 - 12 .Month

D TM8724        4    1265  
 During what period of time did  
 ... last live there?  
 From

U Persons 15 years or older who have lived  
 in another state or foreign country

V            0000 .Not in universe  
 V            1900-1990 .Year

D TM8726        2    1269  
 During what period of time did  
 ... last live there?  
 To

U Persons 15 years or older who have lived  
 in another State or foreign country

V            00 .Not in universe  
 V            01 - 12 .Month

D TM8728        4    1271  
 During what period of time did  
 ... last live there?  
 To

U Persons 15 years or older who have lived  
 in another State or foreign country

V            0000 .Not in universe  
 V            1900-1990 .Year

D TM8730        2    1275  
 In what state or foreign country  
 was ... born?

U Persons 15 years or older who have lived  
 in another State or foreign country

V            00 .Not in universe  
 Place of birth codes:

V            01 .Alabama  
 V            02 .Alaska  
 V            03 .Arizona  
 V            04 .Arkansas

SIPP 1990 TOPICAL MODULE WAVE 2

DATA	SIZE	BEGIN
V	05	.California
V	06	.Colorado
V	07	.Connecticut
V	08	.Delaware
V	09	.District of Columbia
V	10	.Florida
V	11	.Georgia
V	12	.Hawaii
V	13	.Idaho
V	14	.Illinois
V	15	.Indiana
V	16	.Iowa
V	17	.Kansas
V	18	.Kentucky
V	19	.Louisiana
V	20	.Maine
V	21	.Maryland
V	22	.Massachusetts
V	23	.Michigan
V	24	.Minnesota
V	25	.Mississippi
V	26	.Missouri
V	27	.Montana
V	28	.Nebraska
V	29	.Nevada
V	30	.New Hampshire
V	31	.New Jersey
V	32	.New Mexico
V	33	.New York
V	34	.North Carolina
V	35	.North Dakota
V	36	.Ohio
V	37	.Oklahoma
V	38	.Oregon
V	39	.Pennsylvania
V	40	.Rhode Island
V	41	.South Carolina
V	42	.South Dakota
V	43	.Tennessee
V	44	.Texas
V	45	.Utah
V	46	.Vermont
V	47	.Virginia
V	48	.Washington
V	49	.West Virginia
V	50	.Wisconsin
V	51	.Wyoming
V	52	.United States (Unknown State)
V	60	.Puerto Rico
V	61	.Outlying area of U. S.
V	62	.Austria
V	63	.Canada
V	64	.China
V	65	.Cuba
V	66	.Czechoslovakia
V	67	.Dominican Republic
V	68	.Germany
V	69	.Greece
V	70	.Hungary
V	71	.India
V	72	.Ireland
V	73	.Italy
V	74	.Jamaica
V	75	.Japan
V	76	.Korea
V	77	.Mexico
V	78	.Norway
V	79	.Philippines
V	80	.Poland
V	81	.Portugal
V	82	.Sweden
V	83	.United Kingdom
V	84	.U. S. S. R.
V	85	.Vietnam
V	86	.Other Europe

DATA	SIZE	BEGIN
V	87	.Other Asia
V	88	.Central America
V	89	.South America
V	90	.Middle East
V	91	.Africa
V	92	.Overseas (country unknown)
V	99	.Other(specify)
D	TM8732	1 1277
		Check item T41
		Does the code in TM8730 equal a
		foreign country of 62 - 91 or 99 ?
U		Persons 15 years or older who have lived
		in another State or foreign country
V	0	.Not in universe
V	1	.Yes
V	2	.No - skip to TM8750
D	TM8734	1 1278
		Is ... a naturalized citizen of the
		United States ?
U		Persons 15 years or older who have lived
		in foreign country with code of 62-91 or 99
V	0	.Not in universe
V	1	.Yes
V	2	.No
V	3	.No, born abroad of American
V		.parent or parents - skip to
V		.TM8750
D	TM8736	1 1279
		When did ... come to the United
		States to stay?
U		Persons 15 years or older who have lived
		in foreign country with code of 62-91 or 99
		who are naturalized citizens
V	0	.Not applicable
V	1	.Before 1959
V	2	.1960 - 1964
V	3	.1965 - 1969
V	4	.1970 - 1974
V	5	.1975 - 1979
V	6	.1980 - 1981
V	7	.1982 - 1984
V	8	.1985 - 1990
D	TM-MIG1	1 1280
		Topical module imputation flag #1
		Imputation for 'TM8700 - TM8702'
V	0	.Not imputed
V	1	.Imputed
D	CT8700	1 1281
		Topical module computation flag #1A
		Computation for 'TM8700'
V	0	.Not computed
V	1	.Computed
D	TM-MIG2	1 1282
		Topical module imputation flag #2
		Imputation for 'TM8704'
V	0	.Not imputed
V	1	.Imputed
D	TM-MIG3	1 1283
		Topical module imputation flag #3
		Imputation for 'TM8706'
V	0	.Not imputed
V	1	.Imputed
D	TM-MIG4	1 1284
		Topical module imputation flag #4
		Imputation for 'TM8708'
V	0	.Not imputed
V	1	.Imputed

DATA DICTIONARY

DATA	SIZE	BEGIN
D TM-MIG5	1	1285
	Topical module imputation flag #5	
	Imputation for 'TM8710 - TM8712'	
V	0	.Not imputed
V	1	.Imputed
D CT8710	1	1286
	Topical module computation flag #5A	
	Computation for 'TM8710'	
V	0	.Not computed
V	1	.Computed
D CT8714	1	1287
	Topical module computation flag #5B	
	Computation for 'TM8714'	
V	0	.Not computed
V	1	.Computed
D TM-MIG8	1	1288
	Topical module imputation flag #6	
	Imputation for 'TM8720'	
V	0	.Not imputed
V	1	.Imputed
D TM-MIG9	1	1289
	Topical module imputation flag #7	
	Imputation for 'TM8722 - TM8724'	
V	0	.Not imputed
V	1	.Imputed
D CT8722	1	1290
	Topical module computation flag #7A	
	Computation for 'TM8722'	
V	0	.Not computed
V	1	.Computed
D TM-MIG10	1	1291
	Topical module imputation flag #8	
	Imputation for 'TM8726 - TM8728'	
V	0	.Not imputed
V	1	.Imputed
D CT8726	1	1292
	Topical module computation flag #8A	
	Computation for 'TM8726'	
V	0	.Not computed
V	1	.Computed
D TM-MIG11	1	1293
	Topical module imputation flag #9	
	Imputation for 'TM8730'	
V	0	.Not imputed
V	1	.Imputed
D TM-MIG12	1	1294
	Topical module imputation flag #10	
	Imputation for 'TM8732'	
V	0	.Not imputed
V	1	.Imputed
D TM-MIG13	1	1295
	Topical module imputation flag #11	
	Imputation for 'TM8734'	
V	0	.Not imputed
V	1	.Imputed
D TM-MIG14	1	1296
	Topical module imputation flag #12	
	Imputation for 'TM8736'	
V	0	.Not imputed
V	1	.Imputed

DATA	SIZE	BEGIN
*****		
*	Part G: Fertility History	
*****		
D TM8750	1	1297
	Check item T42	
	What is ...'s age and sex?	
U	All persons	
V	0	.Not in universe
V	1	.Female- skip to TM8754
V	2	.Male, 18+ years old
V	3	.Male, 15 - 17 years old -
V		.skip to TM9266
*****		
*	Now I have a few questions about the	
*	number of children, if any, that have	
*	been born to ...	
*****		
D TM8752	2	1298
	How many children, if any, is	
	... the father of ? (If previously	
	married, include all children born	
	in previous and current marriages.	
	Do not count adopted, foster or	
	stepchildren.)	
U	Males 18 years of age and older who	
	have been married	
V	-1	.Don't know - skip to the end
V	-3	.None - skip to the end
V	00	.Not in universe
V	01 - 98	.Number of children - skip
V		.to the end
V	99	.Don't know for men only
D TM8754	2	1300
	How many children, if any, has	
	... ever had ? (Do not count still-	
	births, adopted, foster, or step-	
	children.)	
U	Females 15 years of age or older	
V	-3	.None - skip to the end
V	00	.Not in universe
V	01 - 99	.Number of children
D TM8756	1	1302
	Is ... 65 years of age or over?	
U	Females 15 years or older who have	
	had children	
V	0	.Not in universe
V	1	.Yes - skip to the end
V	2	.No
D TM8758	1	1303
	Are all of ...'s children currently	
	living in this household?	
U	Females 15 to 65 years of age who	
	have had children	
V	0	.Not in universe
V	1	.Yes
V	2	.No - skip to TM8778
D TM8760	2	1304
	Verify the birth date of ...'s	
	first child and enter the	
	person number of the child(ren).	
	First child	
U	Females 15 to 65 years of age with all	
	children currently living in household	
V	00	.Not in universe
V	01 - 12	.Month

SIPP 1990 TOPICAL MODULE WAVE 2

DATA	SIZE	BEGIN	DATA	SIZE	BEGIN
D TM8762	4	1306	V	0	.Not in universe
			V	1	.One child - skip to TM9266
			V	2	.2+ children
U Females 15 to 65 years of age with all children currently living in household			D TM8780	2	1323
V 0000 .Not in universe					When was ...'s last child born?
V 1900-1990 .Year			U Females 15 to 65 years of age with 2+ children		
			V	00	.Not in universe
			V	01 - 12	.Month
D TM8764	3	1310	D TM8782	4	1325
					When was ...'s last child born?
			U Females 15 to 65 years of age with 2+ children		
U Females 15 to 65 years of age with all children currently living in household			V	0000	.Not in universe
V 180 - 199 .Person number			V	1900-1990	.Year
V 201 - 224 .Person number					
V 280 - 299 .Person number			D TM8784	1	1329
V 301 - 324 .Person number					Check item T46
V 380 - 399 .Person number					Was ...'s last child born on or after January 1, 1965 ?
V 401 - 424 .Person number			U Females 15 to 65 years of age with 2+ children		
V 480 - 499 .Person number			V	0	.Not in universe
V 999 .Edited person number			V	1	.Yes
V .skip to TM9266			V	2	.No - skip to TM8792
D TM8766	2	1313	D TM8786	2	1330
					With whom does the child live now ?
			U Females 15 to 65 years of age with 2+ children		
Verify the birth date of ...'s last child (If one child this item will contain data of 1st child. If two children this item also contains data for the 2nd child.)			V	00	.Not in universe
Last child			V	01	.Resides in this household -
U Females 15 to 65 years of age with all children currently living in household			V		.skip to TM8788
V 00 .Not in universe					Resides elsewhere
V 01 - 12 .Month			V	2	.In his/her own household
			V		.skip to TM8792
					With relatives
			V	3	.With own father - skip to
			V		.TM8792
			V	4	.With own grandparent(s) - skip
			V		.to TM8792
			V	5	.With adoptive parents - skip
			V		.to TM8792
			V	6	.Other relatives - skip
			V		.to TM8792
					With nonrelatives
			V	7	.In foster care/foster family
			V		.skip to TM8792
			V	8	.In an institution (hospital)
			V		.skip to TM8792
			V	9	.In school - skip to TM8792
			V	10	.In correctional facility -
			V		.skip to TM8792
			V	11	.Other - skip to TM8792
			V	12	.Deceased- skip to TM8792
			V	13	.Don't know
			D TM8788	3	1332
					Check item T47
					Write the person number of the last child.
			U Females 15 to 65 years of age whose last child resides in this household		
			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 999 .Edited person number		
			D TM8778	1	1322
					Check item T45
					How many children has ... ever had?
			U Females 15 to 65 years of age with all children currently living in household		

DATA DICTIONARY

DATA	SIZE	BEGIN	DATA	SIZE	BEGIN
D TM8792	2	1335	D TM-FER1	1	1347
When was ...'s second child born?			Topical module imputation flag #1		
U Females 15 to 65 years of age with			Imputation for 'TM8754'		
2+ children			V	0	.Not imputed
V	00	.Not in universe	V	1	.Imputed
V	01-12	.Month			
D TM8794	4	1337	D TM-FER2	1	1348
When was ...'s second child born?			Topical module imputation flag #2		
U Females 15 to 65 years of age with			Imputation for 'TM8782'		
3+ children			V	0	.Not imputed
V	0000	.Not in universe	V	1	.Imputed
V	1900-1990	.Year			
D TM8796	1	1341	D TM-FER2A	1	1349
Check item T49			Topical module imputation flag #2A		
Was ...'s second child born on or			Imputation for 'TM8780'		
after January 1, 1960 ?			V	0	.Not imputed
U Females 15 to 65 years of age with			V	1	.Imputed
3+ children			D TM-FER3	1	1350
V	0	.Not in universe	Topical module imputation flag #3		
V	1	.Yes	Imputation for 'TM8736'		
V	2	.No - skip to TM9266	V	0	.Not imputed
			V	1	.Imputed
D TM8798	2	1342	D TM-FER4	1	1351
With whom does the child live now ?			Topical module imputation flag #4		
U Females 15 to 65 years of age with			Imputation for 'TM8794'		
3+ children and second child born on			When TM8754=1 and marital status = 6		
or after January 1, 1960			V	0	.Not imputed
V	00	.Not in universe	V	1	.Imputed
V	01	.Resides in this household -			
V		.skip to TM8800	D TM-FER5	1	1352
V		.Resides elsewhere:	Topical module imputation flag #5		
V	02	.In his/her own household -	Imputation for 'TM8794'		
V		.skip to TM9266	When TM8754=1 and marital status = 1 - 5		
V		.With relatives:	V	0	.Not imputed
V	03	.With own father - skip to TM9266	V	1	.Imputed
V	04	.With own grandparent(s) - skip			
V		.to TM9266	D TM-FER6	1	1353
V	05	.With adoptive parents - skip	Topical module imputation flag #6		
V		.to TM9266	Imputation for 'TM8794'		
V	06	.Other relatives - skip to TM9266	When TM8754=2 and marital status = 6		
V		.With nonrelatives	V	0	.Not imputed
V	07	.In foster care/foster family	V	1	.Imputed
V		.skip to TM9266			
V	08	.In an institution (hospital)	D TM-FER7	1	1354
V		.skip to TM9266	Topical module imputation flag #7		
V	09	.In school - skip to TM9266	Imputation for 'TM8794'		
V	10	.In correctional facility -	When TM8754=2 and marital status = 1 - 5		
V		.skip to TM9266	V	0	.Not imputed
V	11	.Other - skip to TM9266	V	1	.Imputed
V	12	.Deceased - skip to TM9266			
V	13	.Don't know	D TM-FER9	1	1355
			Topical module imputation flag #9		
D TM8800	3	1344	Imputation for 'TM8798'		
Check item T50			V	0	.Not imputed
Write the person number of the			V	1	.Imputed
second child.			D TM-FILL	1	1356
U Females 15 to 65 years of age with			Zero filled		
3+ children and second child born on					
or after January 1, 1960 still residing					
in this household					
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	999	.Edited person number			



**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 combining 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 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.

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

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

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

$\hat{J}$  = 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. Combining Data from Separate Files

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.

Illustration for computing combined panel estimate.

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

$$\begin{aligned} \hat{J} &= (0.608)(441,000) + (0.392)(435,000) \\ &= 438,648 \end{aligned}$$

## 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

$$s_x = fs \quad (1)$$

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

$$s_x = \sqrt{ax^2 + bx} \quad (2)$$

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  $\bar{x}$  is

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

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:

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

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

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

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

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

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  $\bar{x}$  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

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

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

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

**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:

$$S_x = \sqrt{(b)(y)s^2} \quad (6)$$

**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

$$S_{(x,p)} = fS \quad (7)$$

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

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

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

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

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:

$$P_I = 100 (X_A / X_Y)$$

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

$$P_I = 100 (\beta_A \bar{X}_A / \bar{X}_Y)$$

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

$$s_I = \sqrt{\left(\frac{\hat{\beta}_A \bar{x}_A}{x_N}\right)^2 \left[ \left(\frac{s_p}{\hat{\beta}_A}\right)^2 + \left(\frac{s_A}{\bar{x}_A}\right)^2 + \left(\frac{s_N}{x_N}\right)^2 \right]} \quad (9)$$

where  $s_p$  is the standard error of  $\hat{\beta}_A$ ,  $s_A$  is the standard error of  $\bar{x}_A$  and  $s_N$  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  $\hat{\beta}_A$ ,  $\bar{x}_N$ , 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

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

$$= 0.007$$

$$= 0.7\%$$

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

$$S_{(x-y)} = \sqrt{S_x^2 + S_y^2} \quad (10)$$

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  $1.6 \times 167,000 = 267,200$ . 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

$$X_{PW} = \exp \left[ \left( \frac{\text{Ln} \left( \frac{PN}{N_1} \right)}{\text{Ln} \left( \frac{N_2}{N_1} \right)} \right) \text{Ln} \left( \frac{A_2}{A_1} \right) \right] A_1 \quad (11)$$

if Pareto Interpolation is indicated and

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

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 $X_{PW}$ 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 bound of a 68% confidence interval for the median is

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

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

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

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:

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

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:kg:DBUT121

**Table 1. 1990 Panel Topical Modules**

<u>Wave</u>	<u>Topical Module</u>
1	None
2	Reciency 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<sup>1</sup>**

<u>Wave</u>	<u>Topical Module</u>
1	None
2	Welfare History Reciprocity 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

<sup>1</sup> Topical Modules for waves 6 through 8 are not yet available.



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

Month of Interview	Wave/Rotation	Reference Period																					
		4th Quarter (1990)			1st Quarter (1991)			2nd Quarter (1991)			3rd Quarter (1991)			4th Quarter (1991)	...	2nd Quarter (1993)			3rd Quarter (1993)				
		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
	Louisiana	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**

		<b>Factors for use in State or CMSA (MSA) Tabulations</b>	<b>Factors for use in Regional or National Tabulations</b>
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
<b>TOTAL PERSONS</b>			
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	
<b>WHITE PERSONS</b>			
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		
	a	b	f
<b>BLACK PERSONS</b>			
<b>Program Participation and Benefits, Poverty (1)</b>			
Both Sexes	-0.0003182	8843	0.71
Male	-0.0006793	8843	
Female	-0.0005987	8843	
<b>All Others *** (2)</b>			
Both Sexes	-0.0001723	4755	0.52
Male	-0.0003704	4755	
Female	-0.0003223	4755	
<b>HISPANIC PERSONS</b>			
<b>16+ Program Participation and Benefits, Poverty (1)</b>			
Both Sexes	-0.0000609	10374	0.76
Male	-0.0001282	10374	
Female	-0.0001160	10374	
<b>All Others *** (2)</b>			
Both Sexes	-0.0001723	4755	0.52
Male	-0.0003704	4755	
Female	-0.0003223	4755	
<b>HOUSEHOLDS</b>			
Total	-0.0000664	6043	1.00
White	-0.0000736	6698	1.05
Black	-0.0003009	3018	0.71
Hispanics	-0.0003009	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**

<u># of available, rotation months</u>	<u>factor</u>
<b>Monthly estimate</b>	
1	4.0000
2	2.0000
3	1.3333
4	1.0000
<b>Quarterly estimate</b>	
6	1.8519
8	1.4074
9	1.2222
10	1.0494
11	1.0370
12	1.0000

<sup>1</sup> 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	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		

<sup>1</sup> 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		

<sup>1</sup> 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 <sup>1</sup>					
	≤ 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

<sup>1</sup> 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

<sup>1</sup> 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<sup>1</sup>**

	<b>a</b>	<b>b</b>
<b>Fertility</b>		
# Women Births		
<b>Educational Attainment</b>		
Wave 2		
Wave 5		
<b>Marital Status and Person's Family Characteristics</b>		
Some HH members		
All HH members		
<b>Child Support</b>		
Wave 3		
Wave 6		
<b>Support for non-household members</b>		
Wave 3		
Wave 6		
<b>Health and Disability</b>		
<b>0-15 Child Care</b>		
Wave 3		
Wave 6		
<b>Welfare History and AFDC</b>		
Both sexes 18+		
Males 18+		
Females 18+		

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<sup>1</sup> Not available at this time. Will be provided at a later date.

**Table 13. SIPP 1990, 1991 Combined Panel Topical Module  
Generalized Variance Parameters**

	a	b
<b>Educational Attainment</b> 1987 Wave 5/1988 Wave 2		
<b>Support for non-household members</b> 1987 Wave 6/1988 Wave 3		
<b>Health and Disability</b> 1987 Wave 6/1988 Wave 3		
<b>0-15 Child Care</b> 1987 Wave 6/1988 Wave 3		
<b>Child Support</b> 1987 Wave 6/1988 Wave 3		

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<sup>1</sup> Not available at this time. Will be provided at a later date.

**Table 14. 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 15. SIPP Factors to be Applied to the 1990 Base Parameters to Obtain the 1990, 1991 Combined Panel Parameters**

**Waves to be Combined**

<u>1990 panel</u>	<u>1991 panel</u>	<u>factor - q<sup>1</sup></u>
5	2	
6	3	
7	4	

---

<sup>1</sup> Not available at this time. Will be provided at a later date.

**Table 16. Factors to be Applied to Base Parameters to Obtain Combined Panel Parameters for Estimates<sup>1</sup> from Various Reference Periods.**

<u># of available rotation months for 2 panels combined<sup>2</sup></u>	<u>factor</u>
<b>Monthly Estimate</b>	
2	4.0000
3	3.0000
4	2.0000
5	1.6667
6	1.3333
7	1.1667
8	1.0000
<b>Quarterly Estimates</b>	
	1.8519
12	1.5631
15	1.2222
18	1.1470
19	1.0000
24	
<b>Annual Estimates</b>	
	1.0000
96	

<sup>1</sup> Estimates are based on monthly averages.

<sup>2</sup> 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.



Subject:            1990 SIPP Wave 2 Employment History  
                    Topical Module

We have completed our review of evaluation tallies of data from the above module. The tallies indicate that the data in the module are of acceptable quality. We approve the module for release.

We performed the following checks during our review: conformity of the data with questionnaire skip patterns; consistency of the output data with the input data; reasonableness of distributions of the data compared with distributions of counterpart data from the same topical module for the 1988 SIPP panel; analysis of imputation rates and comparison of distributions of imputed cases with non-imputed cases; and conformity of the data with the computer edit instructions (particularly age and range restrictions).

We have attached a table showing unweighted imputation rates for the items in the module.

Attachment

Imputation Rates (Unweighted)

<u>Source Codes</u>	<u>Universe (a)</u>	<u>Number Imputed (b)</u>	<u>Percent Imputed (b/a)*(100)</u>
8218	27447	5732	20.9
8220	27447	1935	7.0
8224	25129	3460	13.8
8226	21466	2910	13.6
8228	12890	3135	24.3
8230	25129	1890	7.5
8232	25129	2000	8.0
8236	22526	2458	10.9
8240	5208	2062	40.0
8242-8244 *	5208	785	15.1
8246	1716	438	25.5
8248	24592	4715	19.2
8250-8252 *	24592	4201	17.1
8266	24437	4275	17.5
8268	24437	8381	34.3
8270	24437	5211	21.3
8272	24437	4131	16.9
8274	24437	6399	26.2
8276	23387	5080	21.7
8278	5676	700	12.3
8282	3909	494	12.6
8286	12982	1115	8.6
8288	6569	892	13.6
8290	6569	835	12.7
8292	6569	780	11.9
8294	6569	475	7.2
Industry +	24437	4501	18.4
Occupation ++	24437	4501	18.4

\* These items were jointly imputed.

+ Questions 6b-6d

++ Questions 6e-6f

Subject: Review of the SIPP 1990 Panel Wave 2 Marital History Data

The numbers of marriages by year of marriage reported in wave 2 of the 1990 panel look, in general, reasonable when compared to the vital records from National Center for Health Statistics (NCHS) (see table 1). Figures for 1960, 1965, 1981, 1984, and 1986 as reported in wave 2 of the 1990 panel do appear to be somewhat low when compared to the vital records, while 1988 appears to be somewhat high. Data from the June 1985 and 1990 Current Population Survey (CPS) are shown in table 1 for comparison purposes.

Divorces by year of divorce from wave 2 of the 1990 panel are generally lower than those reported in the vital records from NCHS (see table 2). This trend toward underreporting of divorces also occurred in the five earlier SIPP data sets as well as in the June 1985 and 1990 CPS.

Year of marriage in wave 2 of the 1990 panel was allocated 13 percent of the time for males and 8 percent of the time for females. These rates are comparable to the allocation rates for wave 2 of the 1988 panel (12 percent for males and 8 percent for females). The year of first marriage allocation rates for wave 2 of the 1990 panel are quite high for the earlier years (see table 3).

The month of marriage estimates for 1985 through 1989 from SIPP bounce around quite a bit in comparison to the NCHS vital records by month (see table 4). Month of marriage and month of divorce data should probably not be used by themselves, but rather only to calculate derived measures such as length of marriage and interval between first divorce and second marriage.

The number of times married estimates from wave 2 of the 1990 panel of SIPP appear to be reasonable, in general, both when compared to the estimates from the earlier SIPP panels and to the estimates from the June 1985 and 1990 marital history supplements to the CPS (see table 5). (Note that the June 1990 CPS numbers shown in table 5 are for women 15 through 65 years old only.)

The distribution and numbers of persons by current marital status from wave 2 of the 1990 panel also look quite reasonable (see table 6). The estimated number of persons who are currently divorced appears to be a little high when it is compared to the March 1990 CPS estimate (16,023,000 versus 15,128,000). The comparable estimate from 1988 wave 2 (16,267,000) also looked high in comparison to the March 1988 CPS estimate (13,968,000).

This evaluation is preliminary in nature. No statistical testing has been done and therefore this review does not necessarily meet the statistical standards required of Census Bureau publications.

Attachments

Table 1. Marriages by Year of Marriage  
(In thousands)

Year	NCHS	SIPP Females**						CPS	CPS
		1984 Wave 8*	1985 Wave 4	1986 Wave 2	1987 Wave 2	1988 Wave 2	1990 Wave 2	Females June 1985**	Females June 1990** ++
1989	2404	-	-	-	-	-	2298	-	2243
1988	2389	-	-	-	-	1035 +	2621	-	2266
1987	2403	-	-	-	1187 +	2204	2366	-	2365
1986	2407	-	289 +	1236 +	2369	2348	2195	-	2244
1985	2413	1908	2072	2200	2388	2563	2424	925 +	2336
1984	2477	1862	2058	2579	2510	2492	2353	2363	2155
1983	2446	1988	2413	2356	2528	2274	2366	2413	2224
1982	2456	2396	2282	2477	2296	2230	2415	2379	2352
1981	2422	2221	2207	2445	2268	2577	2045	2365	2236
1980	2390	2345	2467	2377	2387	2570	2320	2416	2474
1975	2153	2232	2115	1961	2165	2289	2098	2206	2222
1970	2159	2304	2098	1952	2057	1956	2057	2234	2282
1965	1800	1737	1528	1723	1644	1733	1641	1712	1624
1960	1523	1500	1463	1566	1492	1347	1349	1577	1429

\* Source: Memorandum from Arthur Norton to Martin O'Connell dated January 14, 1988, and entitled 'Review of 1984 SIPP Panel Wave 8 Marital History Data.'

\*\* Reflects only 3 marriages for women married more than 3 times.

+ Reflects a partial year of data.

++ Data for women 15 through 65 years old only.

Table 2. Divorces by Year of Divorce  
(In thousands)

Year	NCHS	SIPP Females*						CPS Females June 1985*	CPS Females June 1990* ++
		1984 Wave 8	1985 Wave 4	1986 Wave 2	1987 Wave 2	1988 Wave 2	1990 Wave 2		
1989	1163	-	-	-	-	-	898	-	999
1988	1183	-	-	-	-	616 +	904	-	1012
1987	1166	-	-	-	571 +	944	1113	-	900
1986	1178	-	207 +	495 +	869	944	844	-	917
1985	1190	765	966	1091	1005	1062	1204	516 +	986
1984	1169	665	869	867	1126	1082	956	1062	963
1983	1158	725	1100	1146	1028	1011	794	939	836
1982	1170	912	857	1089	1048	1034	1159	918	992
1981	1213	651	799	1037	864	1015	802	1035	922
1980	1189	770	1109	1029	930	1116	1016	1075	1057
1975	1036	638	849	896	886	812	819	796	793
1970	708	440	579	594	582	481	549	561	538
1965	479	261	441	323	481	314	347	392	286
1960	393	245	220	252	257	368	225	284	180

\*For women married more than 3 times, divorce data refer only to first, second, and last marriage.

+ Reflects a partial year of data.

++ Data for women 15 through 65 years old only.

Table 3. Allocation Rates for Year of First Marriage, By Sex  
(Rates shown as percentages)

Year	SIPP 1984 Wave 8*		SIPP 1985 Wave 4		SIPP 1986 Wave 2		SIPP 1987 Wave 2		SIPP 1988 Wave 2		SIPP 1990 Wave 2	
	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
1989	-	-	-	-	-	-	-	-	-	-	8.4	1.2
1988	-	-	-	-	-	-	-	-	13.9	4.0	7.5	2.8
1987	-	-	-	-	-	-	-	-	6.4	1.0	8.2	4.0
1986	-	-	-	-	-	-	6.5	3.4	9.1	5.9	12.3	3.8
1985	2.3	2.4	3.4	3.2	3.5	3.4	5.7	2.1	5.4	4.3	7.2	4.1
1984	3.9	2.5	5.8	5.7	8.3	4.1	6.5	4.9	10.1	6.9	5.9	3.9
1983	3.5	4.9	6.5	2.5	4.9	5.1	5.4	5.1	6.6	2.6	5.9	4.5
1982	4.9	2.0	8.7	3.5	4.8	2.1	6.0	2.2	10.9	5.3	6.1	5.9
1981	5.7	6.6	4.2	3.5	7.7	3.3	5.8	4.8	13.5	3.3	8.1	5.6
1980	2.1	4.1	5.1	2.8	6.0	2.1	5.8	4.3	11.9	2.4	8.0	6.1
1975-79	7.4	6.3	8.1	5.1	8.3	6.2	7.8	4.1	14.3	6.3	12.3	6.2
1970-74	11.0	6.6	10.6	6.7	9.8	5.9	10.8	5.4	10.9	7.4	13.4	8.8
1965-69	12.0	6.3	11.8	6.7	10.6	7.5	12.3	6.7	10.2	7.3	12.5	9.1
1960-64	15.3	6.6	13.1	8.4	10.5	8.1	14.6	7.2	13.2	5.0	17.2	9.1
1955-59	14.8	7.6	11.2	7.3	8.0	8.0	13.3	7.7	10.6	7.2	17.6	10.2
1950-54	15.6	8.9	12.3	6.0	11.8	6.1	11.1	7.8	11.2	7.0	16.2	8.3
1945-49	11.9	6.9	11.5	4.9	10.4	4.2	11.2	7.8	10.6	9.9	11.1	9.0
1940-44	13.3	9.3	13.2	7.5	10.0	7.8	10.9	8.7	11.4	9.4	13.1	9.8

\* Source: Memorandum from Martin O'Connell to The Record dated December 18, 1987, and entitled 'Further Analysis of SIPP Wave 8 on Marital Events.'

Table 4. Month of Marriage from the Survey of Income and Program Participation (SIPP) Wave 4, 1985 Panel\*; Wave 2, 1986 Panel\*; Wave 2, 1987 Panel\*; Wave 2, 1988 Panel\*; Wave 2, 1990 Panel\*; and the National Center for Health Statistics (NCHS): Calendar Years 1985 through 1989 (Numbers in thousands)

Subject	1985 Marriages						1986 Marriages				1987 Marriages			1988 Marriages		1989 Marriages	
	SIPP Wave 4 1985 Panel	SIPP Wave 2 1986 Panel	SIPP Wave 2 1987 Panel	SIPP Wave 2 1988 Panel	SIPP Wave 2 1990 Panel	NCHS	SIPP Wave 2 1987 Panel	SIPP Wave 2 1988 Panel	SIPP Wave 2 1990 Panel	NCHS	SIPP Wave 2 1988 Panel	SIPP Wave 2 1990 Panel	NCHS	SIPP Wave 2 1990 Panel	NCHS	SIPP Wave 2 1990 Panel	NCHS
Total	2,072	2,200	2,388	2,563	2,424	2,413	2,369	2,348	2,195	2,407	2,204	2,366	2,403	2,621	2,389	2,298	2,404
January	56	108	136	173	95	117	119	129	70	116	122	146	117	111	120	154	117
February	109	129	217	161	154	139	122	205	144	146	149	177	160	91	121	147	126
March	139	144	97	157	151	164	115	141	135	154	117	145	149	163	175	155	159
April	182	135	188	161	201	179	216	250	152	182	122	195	176	239	181	207	185
May	176	202	128	206	280	229	263	273	263	245	269	233	247	201	223	177	228
June	310	230	338	366	329	295	247	249	311	273	232	273	269	330	277	211	291
July	158	204	218	219	245	219	238	146	161	216	234	254	214	337	226	173	217
August	231	308	271	305	248	264	234	256	211	269	222	205	255	222	243	196	245
September	181	185	242	174	155	225	273	164	250	220	219	240	229	235	229	232	231
October	170	180	157	209	193	203	206	190	170	209	270	234	223	242	218	227	210
November	198	195	143	242	222	187	149	179	167	186	122	118	175	225	176	221	188
December	164	181	251	188	149	190	188	166	160	190	127	147	189	231	200	199	208
Percent	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
January	2.7	4.9	5.7	6.7	3.9	4.9	5.0	5.5	3.2	4.8	5.5	6.2	4.9	4.2	5.0	6.7	4.9
February	5.3	5.9	9.1	6.3	6.4	5.7	5.1	8.7	6.6	6.1	6.8	7.5	6.7	3.5	5.1	6.4	5.2
March	6.7	6.5	4.1	6.1	6.2	6.8	4.9	6.0	6.2	6.4	5.3	6.1	6.2	6.2	7.3	6.7	6.6
April	8.8	6.1	7.9	6.3	8.3	7.4	9.1	10.6	6.9	7.6	5.5	8.2	7.3	8.9	7.6	9.0	7.7
May	8.5	9.2	5.4	8.0	11.6	9.5	11.1	11.6	12.0	10.2	12.2	9.8	10.3	7.7	9.3	7.7	9.5
June	15.0	10.5	14.2	14.3	13.6	12.2	10.4	10.6	14.2	11.4	10.5	11.5	11.2	12.6	11.6	9.2	12.1
July	7.6	9.3	9.1	8.5	10.1	9.1	10.0	6.2	7.3	9.0	10.6	10.7	8.9	12.9	9.5	7.5	9.0
August	11.1	14.0	11.3	11.9	10.2	11.0	9.9	10.9	9.6	11.2	10.1	8.7	10.6	8.5	10.2	8.5	10.2
September	8.7	8.4	10.1	6.8	6.4	9.3	11.5	7.0	11.4	9.1	9.9	10.1	9.5	9.0	9.6	10.1	9.6
October	8.2	8.2	6.6	8.2	8.0	8.4	8.7	8.1	7.7	8.7	12.3	9.9	9.3	9.2	9.1	9.9	8.7
November	9.6	8.9	6.0	9.4	9.2	7.7	6.3	7.6	7.6	7.7	5.5	5.0	7.3	8.6	7.4	9.6	7.8
December	7.9	8.2	10.5	7.3	6.1	7.9	7.9	7.1	7.3	7.9	5.8	6.2	7.9	8.8	8.4	8.7	8.7

\*For SIPP, numbers are for female reported marriages only.

23-Aug-91

Table 5. Number of Times Married by Sex for Persons 15 Years Old and Over from the Survey of Income and Program Participation (SIPP) Wave 4, 1985 Panel; Wave 2, 1986 Panel; Wave 2, 1987 Panel; Wave 2, 1988 Panel; and Wave 2, 1990 Panel; and June 1985 and June 1990 Current Population Survey (CPS)  
(Numbers in thousands)

Subject	Male*						Female						
	SIPP						SIPP						
	Wave 4 1985 Panel 1/86-4/86	Wave 2 1986 Panel 6/86-9/86	Wave 2 1987 Panel 6/87-9/87	Wave 2 1988 Panel 6/88-9/88	Wave 2 1990 Panel 6/90-9/90	June 1985 CPS	Wave 4 1985 Panel 1/86-4/86	Wave 2 1986 Panel 6/86-9/86	Wave 2 1987 Panel 6/87-9/87	Wave 2 1988 Panel 6/88-9/88	Wave 2 1990 Panel 6/90-9/90	June 1985 CPS	June 1990 CPS**
Total	88,357	88,719	89,774	90,619	92,345	86,364	96,434	96,808	97,872	98,554	100,207	95,413	83,768
Never married	27,015	26,684	26,738	26,559	27,464	25,279	22,677	22,280	22,370	22,365	23,210	21,443	22,006
Married once	49,287	49,299	49,524	50,522	50,800	50,622	59,515	59,364	60,303	60,336	60,898	60,281	49,725
Married twice	9,930	10,396	11,087	10,874	11,455	8,842	11,848	12,837	12,328	13,280	13,347	11,684	10,152
Married 3 or more times	2,124	2,340	2,425	2,665	2,625	1,621	2,394	2,327	2,872	2,572	2,752	2,006	1,892
Percent	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Never married	30.6	30.1	29.8	29.3	29.7	29.3	23.5	23.0	22.9	22.7	23.2	22.5	26.3
Married once	55.8	55.6	55.2	55.8	55.0	58.6	61.7	61.3	61.6	61.2	60.8	63.2	59.4
Married twice	11.2	11.7	12.3	12.0	12.4	10.2	12.3	13.3	12.6	13.5	13.3	12.2	12.1
Married 3 or more times	2.4	2.6	2.7	2.9	2.8	1.9	2.5	2.4	2.9	2.6	2.7	2.1	2.3

\* Tabulations for June 1990 CPS males have not been run at this time.  
Parts may not sum due to rounding.

\*\* Data for women 15 through 65 years old only.

Table 6. Current Marital Status of Persons 15 Years and Over from the Survey of Income and Program Participation (SIPP) Wave 4, 1985 Panel; Wave 2, 1986 Panel; and March 1987, 1988, and 1990 Current Population Survey (CPS)  
(Numbers in thousands)

Subject	SIPP					March 1987 CPS	March 1988 CPS	March 1990 CPS
	Wave4 1985 Panel	Wave 2 1986 Panel	Wave 2 1987 Panel	Wave 2 1988 Panel	Wave 2 1990 Panel			
Both sexes	184,789	185,525	187,644	189,172	192,550	186,688	188,452	191,793
Single (Never Married)	49,691	48,963	49,108	48,923	50,672	49,185	49,496	50,223
Married, spouse present	103,341	103,915	104,637	105,352	106,059	104,571	105,226	106,513
Married, spouse absent	5,670	5,244	6,171	5,669	6,041	6,053	6,230	6,118
Separated	4,441	4,110	4,842	4,581	4,609	4,391	4,458	4,669
Other	1,229	1,134	1,329	1,088	1,432	1,662	1,772	1,450
Widowed	12,833	13,145	13,196	12,961	13,755	13,243	13,532	13,810
Divorced	13,253	14,258	14,533	16,267	16,023	13,635	13,968	15,128
Percent	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Single (Never Married)	26.9	26.4	26.2	25.9	26.3	26.3	26.3	26.2
Married, spouse present	55.9	56.0	55.8	55.7	55.1	56.0	55.8	55.5
Married, spouse absent	3.1	2.8	3.3	3.0	3.1	3.2	3.3	3.2
Separated	2.4	2.2	2.6	2.4	2.4	2.4	2.4	2.4
Other	0.7	0.6	0.7	0.6	0.7	0.9	0.9	0.8
Widowed	6.9	7.1	7.0	6.9	7.1	7.1	7.2	7.2
Divorced	7.2	7.7	7.7	8.6	8.3	7.3	7.4	7.9



Subject: 1990 SIPP Wave 2 Migration History Topical Module

The 1990 SIPP Wave 2 data from the Migration History topical module are internally consistent and have reasonable imputation rates, but the estimates of number of movers are lower than those from an independent source. All of the items are internally consistent. The imputation rates are 6 percent or less for key items like year of most recent move, type of move, State or country of birth and of previous residence, and citizenship and year of immigration. The items specifying year of moving into and out of previous residences have imputation rates between 5 and 10 percent. Month of move was not answered as reliably as year. The items on month of move frequently came in blank or with inconsistent responses. Item 8710, which is month of moving into the previous residence, was given a value for 23 percent of the cases. The other items on month were given values for about 10 to 13 percent of the cases. It might be expected that month of moving into the previous residence would be less likely to be remembered correctly than month of moving into the current residence.

The estimates of number of recent movers and rate of moving derived from the 1990 SIPP data are lower than estimates from the Current Population Survey. The number of persons 15 years and older who changed residence between April 1989 and March 1990 was 31,608,000 according to the SIPP, about 2.2 million lower than the CPS estimate of 33,789,000 (see table A). The estimated mobility rate (proportion of persons moving) for 1989-90 was 16.4 percent from the SIPP and 17.6 percent from the CPS. The differences between the SIPP and CPS estimates of number of recent movers and rate of moving are statistically significant at the 90-percent confidence level.

The sex and age compositions of recent movers from the two surveys are compared in table B. The sex composition of recent movers from the two surveys are not statistically different. There are differences in age composition, however. The SIPP has significantly lower overall numbers and proportions of young movers aged 15-24 than the CPS. The proportions of movers who are males aged 15-24 and females 15-19 years old are significantly lower in the SIPP than in the CPS.

The shortfall of young movers of both sexes in the SIPP is further evidenced by a comparison of mobility rates by age from the two surveys; see table C. The rates of moving for both males and females are lower in the SIPP than in the CPS. Mobility rates for persons 15-19 and 20-24 years old in the SIPP were 14.8 and 33.1 percent, respectively. Corresponding rates from the CPS were significantly higher--17.8 and 37.9 percent.

The geography of recent moves from the SIPP cannot be strictly compared with the CPS estimates because 10 percent of the SIPP movers in the CPS reference period of April 1989 to March 1990 also made a later move (after March 1990). Geographical information in the SIPP module is only obtained for the most recent move, in this case the move after March 1990, and therefore is unavailable for 10 percent of the group being compared to the CPS. A rough evaluation of type of move, i.e., long or short distance or from abroad, can be made by comparing the data for the 90 percent of SIPP movers whose last move was made during the CPS reference period with that of the CPS movers. Percentage distributions of type of move for the two groups are shown in table D.

The geography of moves from the two surveys is different. The SIPP moving population had a relative overrepresentation of short-distance movers and underrepresentation of longer-distance movers. About 72 percent of recent moves reported in the SIPP were intracounty compared with 58 percent reported in the CPS. The estimates of longer distance moves (different county of same state, different state, and from abroad) were lower in the SIPP than in the CPS. The proportions of movers by each type of move shown in table D are statistically different at the 90 percent confidence level for the two surveys. A partial explanation for the differences may lie in the procedures used to determine type of move. The SIPP sample is simply asked whether the previous residence was in the same county, same state but different county, etc. CPS respondents are asked to provide the city and state or foreign country of previous residence and the type of move is determined by a coding operation. SIPP attrition may offer additional explanation for the higher proportion of local movers in the SIPP sample, since the SIPP probably does a better job of retaining short-distance movers than long-distance movers.

The items on the topical module that do not relate to recent migration, such as residence in other states and countries and naturalization, cannot be readily compared with independent sources. They appear reasonable, however, as well as being internally consistent and having low imputation rates.

Table A. Recent Movers from the SIPP and CPS: 1989-90

	1990 SIPP, Wave 2		March 1990 CPS
	Unweighted	Weighted (000's)	Total
Persons, 15 years and over	43,352	192,556	191,793
Same house	36,262	160,948	158,004
Different house	7,090	31,608	33,789
Mobility rate	16.4	16.4	17.6

Table B. Sex and Age of Recent Movers from the SIPP and CPS:  
1989-90

(Numbers weighted and in thousands)

	Total Movers		Percent of Movers	
	SIPP	CPS	SIPP	CPS
Persons, 15 years and over	31,608 *	33,789	100.0	100.0
15-19 years	2,526 *	3,068	8.0 *	9.1
20-24 years	5,967 *	6,810	18.9 *	20.2
25-29 years	6,806	7,080	21.5	21.0
30-34 years	4,862	5,116	15.4	15.1
35-44 years	5,708	5,993	18.1	17.7
45-54 years	2,508	2,497	7.9	7.4
55-64 years	1,566	1,612	5.0	4.8
65 years and over	1,666	1,613	5.3	4.8
Males, 15 years and over	15,580	16,726	49.3	49.5
15-19 years	1,159	1,445	3.7 *	4.3
20-24 years	2,689 *	3,258	8.5 *	9.6
25-29 years	3,516	3,617	11.1	10.7
30-34 years	2,516	2,644	8.0	7.8
35-44 years	2,940	3,120	9.3	9.2
45-54 years	1,286	1,247	4.1	3.7
55-64 years	792	750	2.5	2.2
65 years and over	684	645	2.2	1.9
Females, 15 years and over	16,028	17,064	50.7	50.5
15-19 years	1,367	1,623	4.3 *	4.8
20-24 years	3,277	3,553	10.4	10.5
25-29 years	3,290	3,462	10.4	10.2
30-34 years	2,346	2,472	7.4	7.3
35-44 years	2,768	2,873	8.8	8.5
45-54 years	1,222	1,250	3.9	3.7
55-64 years	774	862	2.4	2.6
65 years and over	982	969	3.1	2.9

\* Estimates from the SIPP and CPS are significantly different at the 90-percent confidence level.

Table C. Mobility Rates from the SIPP and CPS,  
by Sex and Age: 1989-90

(Based on weighted estimates)

	Percent who moved	
	SIPP	CPS
Persons, 15 years and over	16.4 *	17.6
15-19 years	14.8 *	17.8
20-24 years	33.1 *	37.9
25-29 years	32.3	33.4
30-34 years	22.0	23.2
35-44 years	15.1	16.1
45-54 years	9.8	9.9
55-64 years	7.4	7.6
65 years and over	5.6	5.5
Males, 15 years and over	16.9 *	18.2
15-19 years	13.4	16.6
20-24 years	30.4 *	37.0
25-29 years	33.6	34.4
30-34 years	22.8	24.2
35-44 years	15.8	17.0
45-54 years	10.4	10.1
55-64 years	7.9	7.5
65 years and over	5.5	5.2
Females, 15 years and over	16.0 *	17.1
15-19 years	16.2	19.0
20-24 years	35.7	38.7
25-29 years	30.9	32.4
30-34 years	21.1	22.3
35-44 years	14.5	15.2
45-54 years	9.3	9.6
55-64 years	6.9	7.7
65 years and over	5.7	5.6

\* Estimates from the SIPP and CPS are significantly different at the 90-percent confidence level.

Table D. Recent Movers from the SIPP and CPS by Type of Move:  
1989-90

(Includes all persons from the March 1990 CPS who moved during the preceding 12 months; includes only those persons from the 1990 SIPP whose last move was between April 1989 and March 1990. Based on weighted estimates)

	1990 Sipp Wave 2	March 1990 CPS
PERCENTS		
All movers, 15 years and over	100.0	100.0
Same State		
Same county	71.5	58.2
Different county	16.2	19.4
Different State	10.4	18.7
From abroad	1.9	3.7

Subject: Review of SIPP 1990 Panel, Wave 2 Fertility  
History Module

Fertility history data from the SIPP 1990 Panel, Wave 2 topical module appear to be of very good quality for retrospective analysis but are severely lacking in quality for fertility analysis for the immediate year before the survey. In 1990, only 3.6 million births were recorded in the SIPP panel, compared to 3.9 million in the June 1990 CPS and approximately 4.1 million by Vital Statistics.

#### THE ITEMS

Children ever born. Distributions of children ever born from SIPP based on June-September 1990 interviews are very similar to results based on the June 1990 Current Population Survey (CPS). Nonresponse rates were significantly lower for ever-married women in SIPP relative to the CPS but were higher in SIPP for never-married women. This appears to be a consistent characteristic of SIPP data relative to CPS data.

First births. Estimates of annual numbers of first births from SIPP are shown in table 2 along with Vital Statistics estimates for the period 1960-1989. First birth data from the SIPP are categorized by place of birth status of the mother to take into account births reported by women in the survey which may have been born overseas, and hence not recorded in the vital registration system. (Place of birth information was obtained from the migration history module in Wave 2.) When the births to foreign born women who entered the U.S. before their child's birth are added to births to native-born women SIPP estimates are very close to Vital Statistics data.

Current Fertility. Current fertility data for women who had their last birth within one year of the interview date are shown in table 3. Comparable data are also shown from the June 1990 Current Population Survey. Any apparent differences noted in the table are minimal and can easily be accounted for by sampling error or simply differences in the time frame of the birth estimates. The only difference of demographic importance is the shortfall in both the CPS and especially in the SIPP of the absolute numbers of births in 1990.

None of the statements in this note have been tested by conventional Census Bureau standards and solely represent the opinions of the author.

**Table 1. Percent Distribution of Children Ever Born and Births per 1,000 Women Age and Marital Status: SIPP 1990 Panel, Wave 2 and June 1990 CPS**

(Numbers in thousands)

Marital status, age and survey	Number of persons	Number of children ever born								Births per 1,000	Percent Imputed <sup>1/</sup>
		Total	None	1	2	3	4	5-6	7+		
<b>ALL WOMEN</b>											
<b>SIPP</b>											
15-19	8459	100.0	92.6	6.4	0.9	0.1	-	-	-	84	11.1
20-24	9173	100.0	65.6	19.7	10.3	3.3	0.7	0.5	-	551	10.8
25-29	10642	100.0	40.1	24.9	22.9	9.2	1.7	0.9	0.2	1116	7.3
30-34	11129	100.0	26.6	21.4	30.6	14.8	4.8	1.6	0.2	1564	6.6
35-39	10155	100.0	20.0	15.9	36.0	18.4	6.4	2.9	0.3	1871	6
40-44	8980	100.0	13.7	16.6	37.8	19.5	7.2	3.9	1.3	2104	8
45-64	24309	100.0	9.9	11.1	26.4	22.4	14.4	11.3	4.4	2858	7.7
<b>CPS</b>											
15-19	8483	100.0	91.9	6.7	1.1	0.3	-	0.1	-	101	8.6
20-24	9154	100.0	64.6	20.0	10.5	3.4	1.1	0.2	0.1	574	7.2
25-29	10637	100.0	42.1	23.9	22.2	8.2	2.7	0.9	0.1	1089	7.4
30-34	11091	100.0	25.7	21.7	30.7	15.0	4.6	1.9	0.3	1589	8.9
35-39	10111	100.0	17.7	18.1	35.6	18.5	6.2	3.3	0.5	1909	10.6
40-44	8905	100.0	16.0	16.9	35.0	19.4	8.0	3.9	0.9	2045	11.5
<b>EVER MARRIED</b>											
<b>SIPP</b>											
15-19	331	100.0	39.8	49.8	10.0	0.5	-	-	-	713	12.2
20-24	3425	100.0	38.5	33.4	20.6	6.4	0.7	0.3	-	987	7.1
25-29	7289	100.0	26.6	29.3	29.4	12.0	1.7	0.8	0.2	1369	5.2
30-34	9134	100.0	17.8	22.5	35.4	17.1	5.3	1.8	0.2	1769	5.6
35-39	8889	100.0	12.6	16.4	40.1	20.4	6.8	3.2	0.4	2052	5.6
40-44	8302	100.0	9.3	16.7	40.5	20.7	7.7	3.9	1.3	2209	7.8
45-64	23193	100.0	6.9	11.2	27.4	23.3	14.9	11.7	4.5	2959	7.5
<b>CPS</b>											
15-19	433	100.0	44.7	42.4	10.0	2.3	0.6	-	-	718	7.1
20-24	3521	100.0	38.9	33.5	19.7	6.0	1.6	0.3	0.1	993	6.2
25-29	7340	100.0	29.3	28.4	27.9	10.4	3.1	0.8	0.1	1329	7.7
30-34	9118	100.0	16.8	23.3	35.3	17.0	5.2	2.0	0.4	1788	9
35-39	9035	100.0	12.2	18.4	38.8	19.9	6.6	3.5	0.6	2048	11.1
40-44	8194	100.0	11.3	17.2	37.2	20.9	8.4	4.2	0.9	2167	11.8
<b>NEVER MARRIED</b>											
<b>SIPP</b>											
15-19	8128	100.0	94.8	4.7	0.5	0.1	0.0	0.0	0.0	59	11
20-24	5747	100.0	81.8	11.4	4.2	1.5	0.6	0.5	0.0	292	12.9
25-29	3353	100.0	69.5	15.4	8.8	3.1	1.8	1.1	0.1	566	11.7
30-34	1995	100.0	67.0	16.5	8.6	4.3	2.6	1.1	0.0	628	11.3
35-39	1266	100.0	71.6	12.3	6.9	4.6	3.3	1.3	0.0	604	9.3
40-44	677	100.0	67.5	14.5	4.6	5.9	2.0	4.4	1.2	822	10.1
45-64	1115	100.0	73.9	8.8	5.2	4.0	3.8	2.2	2.0	750	10.6
<b>CPS</b>											
15-19	8049	100.0	94.4	4.8	0.6	0.1	-	0.1	-	68	8.7
20-24	5633	100.0	80.7	11.6	4.8	1.9	0.8	0.2	-	312	7.7
25-29	3297	100.0	70.6	13.8	9.6	3.3	1.6	1.1	0.1	555	6.8
30-34	1972	100.0	67.0	14.2	9.1	5.9	2.1	1.3	0.2	668	8.2
35-39	1076	100.0	64.2	15.2	9.5	7.0	2.6	1.3	0.2	741	6.2
40-44	711	100.0	70.0	13.1	9.3	2.9	3.0	0.7	1.0	644	7.6

(B) Base too small to show derived measure.

1/ Imputation rates based on unweighted number of cases.

**Table 2. Estimated Numbers of First Births: Vital Statistics Data and Estimates From SIPP 1990 Panel, Wave 2, by Place of Mother's Birth**

(Numbers in thousands)

Year of first birth	Vital Statistics	SIPP Estimates		
		Native Born 1/	Alien U.S. 2/	Alien Abroad 3/
1985-89*	7922	7203	787	73
1980-84	7717	7020	690	177
1975-79	6911	6386	506	385
1970-74	6653	6275	404	506
1965-69	6273	5795	322	399
1960-64	5563	5193	222	320

1/ Includes women born abroad of American parents.

2/ Women born outside the U.S. but entered the U.S. either before or during the year of first birth.

3/ Women born outside the U.S. but entered the U.S. the year after the first birth.

Note: Vital Statistics estimate for 1985-89 includes an estimated 1,649,000 births for 1989 based on provisional 1989 total births.

**Table 3. Characteristics of Women Who Had a Birth in 1990: SIPP 1990 Panel-Wave 2, and the June 1990 Current Population Survey**

(Percent distribution. Numbers in thousands)

Characteristics	SIPP 1/	CPS 1/
Number of births	3692	3913
Percent distribution	100.0	100.0
Birth order:		
First birth	35.5	39.4
Second birth	38.2	a60.6
Third birth	18.1	-
Fourth+ birth	8.1	-
Not stated	-	-
Age: 2/		
15-19	7.9	8.6
20-24	24.1	26.5
25-29	34.0	30.5
30-34	25.5	22.8
35-39	7.5	9.6
40-44	1.1	2.0
Marital status: 3/		
Currently married	75.2	76.7
Not married	24.8	23.3
Race:		
White	76.2	80.4
Black	18.9	15.7
All other races	4.9	4.9
Educational attainment: 4/		
Less than 12 years	21.0	20.9
12 years	37.9	40.6
13 to 15 years	20.4	19.9
16 or more years	20.7	18.7
Labor force status: 5/		
In labor force	48.9	52.9
Not in labor force	51.1	47.1
Hispanic origin:		
Hispanic	12.4	12.5
Not Hispanic	87.6	87.5

Note: SIPP and CPS data are for women 15 to 44 years old at interview date.

NA: Not available.

a Refers to second and higher order births.

1/ Refers to births occurring within 1 year of interview date. Interviews conducted June-September 1990 for SIPP and June 1990 for CPS.

2/ SIPP and CPS data refer to the age of the woman at the survey date.

3/ SIPP and CPS data refer to the marital status of the woman at the survey date. Currently married includes married, spouse absent and separated.

4/ SIPP and CPS data refer to educational attainment at the survey date.

5/ Status at survey date.

Subject:                   Review of the SIPP 1990 Panel Wave 2 Household  
                          Relationship Matrix Data

Attached are the results of our evaluation of the quality of the data from the SIPP 1990 panel, wave 2 detailed household relationship matrix. The results are essentially the same as those for the previous panel waves on which this topical module has appeared. In brief, they indicate that the quality of the data - at least in the macro-sense - is good.

The percent distribution of specified relationships to the person in column one (usually the householder) has remained very consistent over the six panel waves of this topical module that have been processed so far (see table 1). All of these SIPP topical modules in turn are consistent with the relationship to householder data reported in the 1980 and 1990 Censuses. The degree of stability in these results strongly suggests that the SIPP data are of high quality.

The parent-child relationships reported in the topical module are also quite consistent between each of the SIPP waves (see table 2). They, in turn, closely follow the pattern displayed by data derived from the June 1980 Current Population Survey. This becomes even more apparent if the unknowns are distributed proportionately to the knowns (see table 3).

Table 4 shows the proportions male of final edited values for indicated relationships to householder for the 1980 Census and to the person in column one (again - usually the householder) for SIPP. These data do bounce around a bit but the three-wave mean is pretty close to the 1980 Census proportions male by relationship. "Spouse" is the one category which varies noticeably between the Census and the three-wave SIPP mean (3.7 percent versus 7.8 percent). This is not something to be concerned about, however. For one thing, although the person in column one is usually the householder, they are not always the householder. Therefore, one would expect that there might be more women listed in column one than if it was restricted to just householders. It logically follows then that there would be more male spouses of persons in column one than male spouses of householders.

This evaluation is preliminary in nature. No statistical testing has been done and therefore this review does not necessarily meet the statistical standards required of Census Bureau publications.

Attachment

**EMPIRICAL RESULTS FOR EVALUATION OF RELATIONSHIP MATRIX DATA FROM WAVE 2 OF 1990 SIPP PANEL**

1. Proportionate distribution of final edited values for indicated relationships to householder (census) or person in column 1 (SIPP):

Relationship	1980 census	1984 wave 8	1985 wave 4	1986 wave 2	1987 wave 2	1988 wave 2	1990 wave 2	1990 census
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Spouse	34.7	33.5	33.6	33.8	34.9	34.4	31.8	33.8
Child	54.2	53.1	52.3	53.5	53.4	53.1	53.1	51.1
Grandchild	1.9	2.4	2.3	2.3	2.2	2.5	3.0	2.8
Parent	0.9	2.1	1.9	1.5	1.4	1.4	1.5	.
Child-in-law	0.4	0.3	0.4	0.3	0.3	0.3	0.4	.
Sibling	1.4	1.3	1.2	1.3	1.0	1.3	1.5	.
Other relative	1.9	2.2	1.7	1.9	1.7	1.7	2.0	5.2
Nonrelative	4.2	3.7	5.0	4.4	4.2	4.3	5.3	7.1
Reported code edited out ('98')	0.0	1.3	1.3	0.9	0.9	1.1	1.4	0.0

\*Included in "Other relative." Detailed breakdown for 1990 census not available yet.

2. Proportionate distribution of final edited values for type of parent-child relationship for June 1980 CPS and SIPP:

Type of parent-child relationship	June 1980 CPS	1984 wave 8	1985 wave 4	1986 wave 2	1987 wave 2	1988 wave 2	1990 wave 2
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Natural child	91.7	86.6	86.9	88.6	89.4	89.1	88.7
Stepchild	5.6	4.2	4.3	4.3	4.2	3.8	4.1
Adopted child	2.5	1.7	1.8	1.8	1.7	1.5	1.4
Foster child	0.4	0.4	0.3	0.2	0.3	0.3	0.3
Unknown	0.2	6.9	6.7	5.1	4.5	5.4	5.4

3. Proportionate distribution of final edited values for type of parent-child relationship for June 1980 CPS and SIPP, where the unknowns are distributed proportionally to the knowns:

Type of parent-child relationship	June 1980 CPS	1984 wave 8	1985 wave 4	1986 wave 2	1987 wave 2	1988 wave 2	1990 wave 2
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Natural child	91.9	93.2	93.1	93.4	93.6	94.1	93.8
Stepchild	5.6	4.5	4.6	4.5	4.4	4.0	4.3
Adopted child	2.5	1.8	1.9	1.9	1.7	1.6	1.5
Foster child	0.4	0.4	0.3	0.2	0.3	0.3	0.3

4. Proportions male of final edited values for indicated relationships to householder (1980 census) or person in column 1 (SIPP):

Relationship	1980 census	1984 wave 8	1985 wave 4	1986 wave 2	1987 wave 2	1988 wave 2	1990 wave 2	Mean 87-88-90
Child	54.2	51.5	51.5	51.9	52.0	51.9	52.1	52.0
Sibling	47.4	53.3	42.3	51.5	49.2	51.0	47.2	49.1
Grandchild	52.3	53.4	48.4	54.2	49.5	53.1	50.9	51.2
Spouse	3.7	11.0	8.3	7.0	7.6	7.2	8.8	7.8
Parent	30.4	21.1	35.0	31.8	27.4	27.6	27.9	27.6
Child-in-law	51.3	52.2	49.3	49.1	45.0	53.3	52.0	50.1

Source for 1980 census data, June 1980 CPS data, 1984 wave 8 and 1985 wave 4 SIPP data is a memorandum from Donald J. Hernandez to Arthur J. Norton dated May 23, 1988.

## 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)

**SIPP RECTANGULAR FILES**

**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 disability 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

**SIPP RECTANGULAR FILES**

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 agents (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)

**SIPP RECTANGULAR FILES**

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)

**SIPP RECTANGULAR FILES**

- 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 Expeditors (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)

## SIPP RECTANGULAR FILES

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)
	<b>Precision Workers, Assorted Materials</b>
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)
	<b>Precision Food Production Occupations</b>
686	Butchers and meat cutters (6871)
687	Bakers (6872)
688	Food batchmakers (6873, 6879)
	<b>Precision Inspectors, Testers, and Related Workers</b>
689	Inspectors, testers, and graders (6881, 828)
693	Adjusters and calibrators (6882)
	<b>Plant and System Operators</b>
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

	<b>Machine Operators and Tenders, except Precision</b>
	<b>Metal working and Plastic Working Machine Operators</b>
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)
	<b>Metal and Plastic Processing Machine Operators</b>
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)
	<b>Woodworking Machine Operators</b>
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)

**SIPP RECTANGULAR FILES**

- 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

**HOUSEHOLD RECORD (Card of )**

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 TO

**18** PERSON NUMBER

**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 lives, 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 - 19b 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.

**20** HOUSEHOLD MEMBER Does ... usually live here? 1 Yes 2 No Probe for URE

**23** DATE ENTERED OR LEFT Complete if history led by item 21, enter code and date. See codes on page 4.

**24** BIRTH DATE/AGE 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?

**25** PERSON NUMBER OF PARENT Refer to 18 and 19b. If none enter '999.

**26a** ASK IF 15 OR OLDER MARRITAL STATUS In ...'s name - Married 1-Sp. Pres 2-Sp. Abs 3-Widowed 4-Divorced 5-Separated OR 6-Move? moved? First Update code code

**26b** PERSON NUMBER OF SPOUSE Refer to 18, 19b and 26a. If none enter '999.

**27** DESIGNATED PARENT OR GUARDIAN Fill for "Have married" persons under 18. Who in this household is responsible for ...? Enter person number.

**28** SEX Ask if not apparent. 1-Male 2-Female?

**29** RACE SHOW FLASH CARD H

**30** ORIGIN SHOW FLASH CARD I

**21** HOUSEHOLD ROSTER COVERAGE

**21a** WAVE 1 INTERVIEW

**21b** FIRST INTERVIEW AT MOVER'S NEW ADDRESS

**21c** 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?

**21d** When did ... move in here? Enter appropriate code and date in item 23.

**21e** 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.

**21f** Which of these persons lives/rents this home? Assign as reference person at item 19b.

**22** HOUSING UNIT COVERAGE - WAVE 1 INTERVIEW

**22a** FIELD REPRESENTATIVE CHECK ITEM Unit is:  In a special place - SRP to 74 above  Not in a special place - ASR 27b. Ask if not apparent: Do all persons in this household live OR out together?  Yes ASR 22c  No, neither live nor out together - Fill Table A for the person or group of persons not living or staying with RP. GO TO ITEM 24 ABOVE.

**22c** Ask if not apparent: Does any other household on the property live OR out with this household?  Yes Redefine the unit to include space occupied by all persons who live or out together. Apply merged unit procedure if appropriate.  No

**31a** PERSON NUMBER Enter person number from item 18.

**31b** EDUCATION What is the highest grade or year of regular school ... has ever attended? 00: Never attended; 01-08: Elementary; 09-12: High school; 13-16: College (Academic).

**31c** Did ... ever complete that grade (year)? 1 Yes 2 No

**32a** Did ... ever serve on active duty in the U.S. Armed Forces? 1 Yes 2 No

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

**32c** Is ... now in the Armed Forces? 1 Yes 2 No

**33a** SOCIAL SECURITY 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

B-1-1



**34a MOVERS**

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

Person number(s) New telephone number

New address - Number and street

City State ZIP Code

Other identification Wave move discovered

Person number(s) New telephone number

New address - Number and street

City State ZIP Code

Other identification Wave move discovered

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** 0084

**34b** If entire household moves, try to determine: is the address within the limits of a city, town, or village?

Yes - What is the name?

No - Not within the limits of a city, town, or village.

**35 MERGED HOUSEHOLD MATCH TABLE**

New person number	PREVIOUS IDENTIFICATION						Person number
	(a)	(b)	(c)	(d)	(e)	(f)	
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	
0128	0126	0130	0132	0134	0136	0138	
0140	0142	0144	0146	0148	0150	0152	
0154	0156	0158	0160	0162	0164	0166	

**39 FUTURE CONTACTS (Continued)** Read Flashcard T and fill 39c. Verify and update for Waves 7 & 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 on \_\_\_\_\_

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 7 & 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 on \_\_\_\_\_

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 7 & 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 on \_\_\_\_\_

Address (No., St., Apt. No., City, State, ZIP Code) Telephone number (include area code)

CODES FOR 19b	ENTERED CODES FOR 23	LEFT CODES FOR 23	CODES FOR 30	CODES FOR 29
01 - Reference Person WITH relatives in household	Entered - This Wave	Left - This Wave	01 - German	1 - White
02 - Reference Person with NO relatives in household	01 - Birth	06 - Deceased	02 - English	2 - Black
03 - Husband/Wife	02 - Marriage	06 - Institutionalized	03 - Irish	3 - American Indian, Eskimo or Aleut
04 - Natural/adopted child	03 - Other	07 - Living in Armed Forces barracks	04 - French	4 - Asian or Pacific Islander
08 - Stepchild	04 - (Use only with item 2 Id)	08 - Moved outside of country	05 - Italian	6 - Other - Specify below -
06 - Foster child	13 - Re-entered sample after missing one or more waves	09 - Separation or divorce	06 - Scottish	Person No. Specify race
07 - Grandchild	16 - From institution	10 - Person number 201 + no longer living with sample person	07 - Polish	
08 - Parent	17 - From Armed Forces barracks	11 - Other	08 - Dutch	
09 - Brother/Sister	18 - From outside the country	12 - Use this code if instructed by your office	09 - Swedish	
10 - Other relative of Reference Person	19 - Due to separation or divorce	89 - Listed in error	10 - Norwegian	
11 - Non-relative of Reference Person WITH OWN relatives in household	Entered - Should have been added in a previous wave	Left - Should have been deleted in a previous wave	11 - Russian	
12 - Partner/roommate	21 - Birth	26 - Deceased	12 - Ukrainian	
13 - Non-relative of Reference Person (other than partner/roommate) with NO OWN relatives in household	22 - Marriage	28 - Institutionalized	13 - Welsh	
	23 - Other	27 - Living in Armed Forces barracks	14 - Mexican American	
	24 - Sample person added during second interview period	28 - Moved outside of country	15 - Chicane	
	36 - From institution	29 - Separation or divorce	16 - Mexican	
	37 - From Armed Forces barracks	30 - 201 + person no longer living with sample person	17 - Puerto Rican	
	38 - From outside the country	31 - Other	18 - Cuban	
	39 - Due to separation or divorce		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 32b**  
If more than one code applies, enter 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 - Korea Conflict (June '50 - Jan. '53)  
3 - World War II (Sept. '40 - July '45)  
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)

113

**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 2										COL 3												
40 Person number		41 Name								40 Person number		41 Name								40 Person number		41 Name										
Respondent person number		W1	W2	W3	W4	W5	W6	W7	W8	Respondent person number		W1	W2	W3	W4	W5	W6	W7	W8	Respondent person number		W1	W2	W3	W4	W5	W6	W7	W8			
EMPLOYMENT										EMPLOYMENT										EMPLOYMENT												
Emp ID	42 NAME OF EMPLOYER	W1	W2	W3	W4	W5	W6	W7	W8	Emp ID	42 NAME OF EMPLOYER	W1	W2	W3	W4	W5	W6	W7	W8	Emp ID	42 NAME OF EMPLOYER	W1	W2	W3	W4	W5	W6	W7	W8			
1		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
2		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
3		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
4		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Bus ID	43 NAME OF BUSINESS/FARM	W1	W2	W3	W4	W5	W6	W7	W8	Bus ID	43 NAME OF BUSINESS/FARM	W1	W2	W3	W4	W5	W6	W7	W8	Bus ID	43 NAME OF BUSINESS/FARM	W1	W2	W3	W4	W5	W6	W7	W8			
1		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
2		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
3		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
INTERVIEW STATUS										INTERVIEW STATUS										INTERVIEW STATUS												
Line No	Code	44 PERSON INTERVIEW STATUS	W1	W2	W3	W4	W5	W6	W7	W8	Line No	Code	44 PERSON INTERVIEW STATUS	W1	W2	W3	W4	W5	W6	W7	W8	Line No	Code	44 PERSON INTERVIEW STATUS	W1	W2	W3	W4	W5	W6	W7	W8
0		Ineligible for interview (code 993)	<input type="checkbox"/>	0		Ineligible for interview (code 993)	<input type="checkbox"/>	0		Ineligible for interview (code 993)	<input type="checkbox"/>																					
1		Noninterview - No interview obtained (code 991)	<input type="checkbox"/>	1		Noninterview - No interview obtained (code 991)	<input type="checkbox"/>	1		Noninterview - No interview obtained (code 991)	<input type="checkbox"/>																					
2		Interview - No ISS codes marked (code 992)	<input type="checkbox"/>	2		Interview - No ISS codes marked (code 992)	<input type="checkbox"/>	2		Interview - No ISS codes marked (code 992)	<input type="checkbox"/>																					
INCOME										INCOME										INCOME												
Line No	Code	45 INCOME SOURCES (1-58)	W1	W2	W3	W4	W5	W6	W7	W8	Line No	Code	45 INCOME SOURCES (1-58)	W1	W2	W3	W4	W5	W6	W7	W8	Line No	Code	45 INCOME SOURCES (1-58)	W1	W2	W3	W4	W5	W6	W7	W8
3			<input type="checkbox"/>	3			<input type="checkbox"/>	3			<input type="checkbox"/>																					
4			<input type="checkbox"/>	4			<input type="checkbox"/>	4			<input type="checkbox"/>																					
5			<input type="checkbox"/>	5			<input type="checkbox"/>	5			<input type="checkbox"/>																					
6			<input type="checkbox"/>	6			<input type="checkbox"/>	6			<input type="checkbox"/>																					
7			<input type="checkbox"/>	7			<input type="checkbox"/>	7			<input type="checkbox"/>																					
8			<input type="checkbox"/>	8			<input type="checkbox"/>	8			<input type="checkbox"/>																					
9			<input type="checkbox"/>	9			<input type="checkbox"/>	9			<input type="checkbox"/>																					
10		46 ASSETS (100-150)	<input type="checkbox"/>	10		46 ASSETS (100-150)	<input type="checkbox"/>	10		46 ASSETS (100-150)	<input type="checkbox"/>																					
11			<input type="checkbox"/>	11			<input type="checkbox"/>	11			<input type="checkbox"/>																					
12			<input type="checkbox"/>	12			<input type="checkbox"/>	12			<input type="checkbox"/>																					
13			<input type="checkbox"/>	13			<input type="checkbox"/>	13			<input type="checkbox"/>																					
14			<input type="checkbox"/>	14			<input type="checkbox"/>	14			<input type="checkbox"/>																					
15			<input type="checkbox"/>	15			<input type="checkbox"/>	15			<input type="checkbox"/>																					
16			<input type="checkbox"/>	16			<input type="checkbox"/>	16			<input type="checkbox"/>																					
17		47 SPECIAL INDICATORS	<input type="checkbox"/>	17		47 SPECIAL INDICATORS	<input type="checkbox"/>	17		47 SPECIAL INDICATORS	<input type="checkbox"/>																					
18			<input type="checkbox"/>	18			<input type="checkbox"/>	18			<input type="checkbox"/>																					
19			<input type="checkbox"/>	19			<input type="checkbox"/>	19			<input type="checkbox"/>																					

B1-4

## Section 5 – TOPICAL MODULES

### Part A – RECIPIENCY HISTORY

**Statement C** → Now I have some questions regarding past participation in Government programs.

**CHECK ITEM T1** Refer to cc items 44–47.  
 Was an interview obtained for . . . in Wave 1? **8000** 1  Yes  
 2  No – SKIP to Check Item T3

**FIELD REPRESENTATIVE INSTRUCTION:** Look at column (5) of the "Income Roster" on page 5 for income codes 1–10, 20–35, 40, and 41. If the X3 "never received" box is marked for an income code, line through that income code in the "Reciprocity History Roster" below.

**CHECK ITEM T2** Are any income types or special indicators listed in the Reciprocity History Roster below? **8002** 1  Yes  
 2  No – SKIP to Check Item T3

**1. During our last visit we recorded that . . . received (Read all sources listed below) sometime during the period (8 months ago) through (5 months ago). When did . . . first begin to receive (Read each source)? (In column d, record beginning date of reciprocity that was occurring sometime in the period 5 to 8 months ago.)**

RECIPIENCY HISTORY ROSTER (ISS Codes 1–10, 20–35, 40, 41, 172, 176)									
Line No.	Source	ISS code	Date reciprocity began						
			Month OR DK			Year OR DK			
(a)	(b)	(c)							
1		<b>8004</b> [ ][ ]	<b>8006</b> [ ][ ]	x1 <input type="checkbox"/>	<b>8008</b> [ ][ ]	1	9	[ ][ ]	x1 <input type="checkbox"/>
2		<b>8010</b> [ ][ ]	<b>8012</b> [ ][ ]	x1 <input type="checkbox"/>	<b>8014</b> [ ][ ]	1	9	[ ][ ]	x1 <input type="checkbox"/>
3		<b>8016</b> [ ][ ]	<b>8018</b> [ ][ ]	x1 <input type="checkbox"/>	<b>8020</b> [ ][ ]	1	9	[ ][ ]	x1 <input type="checkbox"/>
4		<b>8022</b> [ ][ ]	<b>8024</b> [ ][ ]	x1 <input type="checkbox"/>	<b>8026</b> [ ][ ]	1	9	[ ][ ]	x1 <input type="checkbox"/>
5		<b>8028</b> [ ][ ]	<b>8030</b> [ ][ ]	x1 <input type="checkbox"/>	<b>8032</b> [ ][ ]	1	9	[ ][ ]	x1 <input type="checkbox"/>
6		<b>8034</b> [ ][ ]	<b>8036</b> [ ][ ]	x1 <input type="checkbox"/>	<b>8038</b> [ ][ ]	1	9	[ ][ ]	x1 <input type="checkbox"/>
7		<b>8040</b> [ ][ ]	<b>8042</b> [ ][ ]	x1 <input type="checkbox"/>	<b>8044</b> [ ][ ]	1	9	[ ][ ]	x1 <input type="checkbox"/>
8		<b>8046</b> [ ][ ]	<b>8048</b> [ ][ ]	x1 <input type="checkbox"/>	<b>8050</b> [ ][ ]	1	9	[ ][ ]	x1 <input type="checkbox"/>

**CHECK ITEM T3** Refer to cc item 24.  
 Is . . . 18 years of age or older? **8052** 1  Yes  
 2  No – SKIP to Check Item T10, page 56

**CHECK ITEM T4** Refer to item 1. Reciprocity History Roster.  
 Is "Food stamps" (code 27) listed? **8054** 1  Yes  
 2  No – SKIP to 2b

**2a. Besides this period of time, have there been any other times when . . . was authorized to receive food stamps?** **8056** 1  Yes – SKIP to 2d  
 2  No – SKIP to Check Item T5

**b. Has . . . ever applied for the Federal Government's Food Stamp Program?** **8058** 1  Yes  
 2  No – SKIP to Check Item T5

**c. Has . . . ever been authorized to receive food stamps?** **8060** 1  Yes  
 2  No – SKIP to Check Item T5

**d. When did . . . first start receiving food stamps?**  
 (If authorized but never received, mark "Don't know.") **8062** [ ][ ] Month x1  Don't know

**8064** 1 9 [ ][ ] Year x1  Don't know

**e. For how long did . . . receive food stamps that time?** **8066** [ ][ ] Months  
 OR **8068** [ ][ ] Years  
**8070** x1  Don't know

**f. How many times in all have there been when . . . was authorized to receive food stamps?** **8072** [ ][ ] Times  
 x1  Don't know

**Section 5 – TOPICAL MODULES (Continued)**

**Part A -- RECIPIENCY HISTORY (Continued)**

<b>CHECK ITEM T5</b>	Refer to cc item 27. Is ... a designated parent or guardian of children under 18 years old who live in this household?	8074 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No – SKIP to Check Item T7
<b>CHECK ITEM T6</b>	Refer to Item 1, Recipency History Roster. Is "AFDC" (code 20) listed?	8076 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No – SKIP to 3b
<b>3a.</b> Besides this period of time, have there been any other times when ... received AFDC (ADC)?		8078 1 <input type="checkbox"/> Yes – SKIP to 3d 2 <input type="checkbox"/> No – SKIP to Check Item T7
<b>b.</b> Has ... ever applied for benefits from the program called AFDC – Aid to Families With Dependent Children (or ADC)?		8080 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No – SKIP to Check Item T7
<b>c.</b> Has ... ever received AFDC (ADC) benefits?		8082 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No – SKIP to Check Item T7
<b>d.</b> When did ... first start receiving AFDC (ADC) benefits?		8084 <input type="text"/> <input type="text"/> Month x1 <input type="checkbox"/> Don't know 8086 1 9 <input type="text"/> <input type="text"/> Year x1 <input type="checkbox"/> Don't know
<b>e.</b> For how long did ... receive AFDC (ADC) that time?		8088 <input type="text"/> <input type="text"/> Months OR 8090 <input type="text"/> <input type="text"/> Years 8092 x1 <input type="checkbox"/> DK
<b>f.</b> How many times in all have there been when ... received AFDC (ADC)?		8094 <input type="text"/> <input type="text"/> Times x1 <input type="checkbox"/> DK
<b>CHECK ITEM T7</b>	Refer to Item 1, Recipency History Roster. Is "SSI" (codes 3 or 4) listed?	8096 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No – SKIP to 4b
<b>4a.</b> Besides this period of time, have there been any other times when ... received SSI benefits?		8098 1 <input type="checkbox"/> Yes – SKIP to 4d 2 <input type="checkbox"/> No – SKIP to Check Item T8
<b>b.</b> Has ... ever applied for benefits from the program called SSI (Supplemental Security Income)?		8100 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No – SKIP to Check Item T8
<b>c.</b> Has ... ever received SSI benefits?		8102 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No – SKIP to Check Item T8
<b>d.</b> When did ... first start receiving SSI?		8104 <input type="text"/> <input type="text"/> Month x1 <input type="checkbox"/> Don't know 8106 1 9 <input type="text"/> <input type="text"/> Year x1 <input type="checkbox"/> Don't know
<b>e.</b> For how long did ... receive SSI that time?		8108 <input type="text"/> <input type="text"/> Months OR 8110 <input type="text"/> <input type="text"/> Years 8112 x1 <input type="checkbox"/> DK
<b>CHECK ITEM T8</b>	Refer to cc item 47. Is "Medicaid" (code 173) marked?	8114 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No – SKIP to Check Item T10, page 56
<b>CHECK ITEM T9</b>	Refer to cc item 45. Is "SSI" or "AFDC" (codes 3, 4, or 20) marked for Wave 1?	8116 1 <input type="checkbox"/> Yes – SKIP to Check Item T10, page 56 2 <input type="checkbox"/> No

**Section 5 – TOPICAL MODULES (Continued)**

**Part A – RECEIPIENCY HISTORY (Continued)**

<p><b>5.</b> During our last visit we recorded that ... was covered by (Use local name for Medicaid). This question concerns the coverage that was being received at that time. When did that period of coverage first begin?</p>	<p><b>8118</b> <input type="text"/> Month <span style="float:right">x1 <input type="checkbox"/> Don't know</span></p> <p><b>8120</b> <input type="text"/> 1 <input type="text"/> 9 <input type="text"/> Year <span style="float:right">x1 <input type="checkbox"/> Don't know</span></p> <p><b>8122</b> x3 <input type="checkbox"/> Never covered by Medicaid</p>
<p><b>CHECK ITEM T10</b> Refer to item 27a or 27b, page 10. Was ... covered by a health insurance plan? (Is item 27a or 27b, page 10 marked "Yes"?)</p>	<p><b>8124</b> 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No – SKIP to item 7</p>
<p><b>6.</b> We have recorded that ... is covered by a private health insurance plan. For how long has ... been covered by health insurance without interruption?</p>	<p><b>8128</b> <input type="text"/> <input type="text"/> Months OR <b>8129</b> <input type="text"/> <input type="text"/> Years</p> <p><b>8130</b> x3 <input type="checkbox"/> Have always had insurance x1 <input type="checkbox"/> OK</p> <p style="text-align: right;">} SKIP to Check Item T11</p>
<p><b>7.</b> We have recorded that ... is not currently covered by a private health insurance plan. When was the last time ... was covered by private health insurance?</p>	<p><b>8132</b> <input type="text"/> <input type="text"/> Month <span style="float:right">x1 <input type="checkbox"/> Don't know</span></p> <p><b>8134</b> <input type="text"/> 1 <input type="text"/> 9 <input type="text"/> Year <span style="float:right">x1 <input type="checkbox"/> Don't know</span></p> <p><b>8136</b> x3 <input type="checkbox"/> Has never been covered</p>
<p><b>CHECK ITEM T11</b> Refer to cc item 19b. Is ... the reference person?</p>	<p><b>8138</b> 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No – SKIP to Check Item T14</p>
<p><b>CHECK ITEM T12</b> Refer to cc items 16a and 16b. Is this housing unit public or subsidized?</p>	<p><b>8140</b> 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No – SKIP to Check Item T13</p>
<p><b>8.</b> For how long has ... been living in public or subsidized housing?</p>	<p><b>8142</b> <input type="text"/> <input type="text"/> Months OR <b>8144</b> <input type="text"/> <input type="text"/> Years</p> <p><b>8146</b> x3 <input type="checkbox"/> Have always lived in public housing x1 <input type="checkbox"/> DK</p> <p style="text-align: right;">} SKIP to Check Item T14</p>
<p><b>CHECK ITEM T13</b> Is one or more of the following codes marked on the ISS for ... code 3, codes 20–27, or code 173?</p>	<p><b>8148</b> 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No – SKIP to Check Item T14</p>
<p><b>9.</b> Is ... on a waiting list for public or subsidized housing?</p>	<p><b>8150</b> 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No</p>

NOTES

**Section 5 – TOPICAL MODULES (Continued)**

**Part B – EMPLOYMENT HISTORY**

<b>CHECK ITEM T14</b>	Refer to cc item 24. Is ... 18 to 64 years old?	<b>8200</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No – SKIP to Check Item T23, page 60
<b>STATEMENT D</b> → Now I would like to ask some questions about some of the jobs ... has held.			
<b>CHECK ITEM T15</b>	Refer to cc items 42 and 43. Is there an employer or business listed?	<b>8202</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No – SKIP to Check Item T17
	<b>ASK OR VERIFY –</b> <b>1. What was the name of ...'s MAIN employer or business during the period (8 months ago) through (5 months ago)?</b> <i>(If more than one, enter name of most recent employer)</i>	<b>PGM 8</b> <b>8204</b>	Name of employer or business _____ _____
<b>CHECK ITEM T16</b>	Refer to cc item 42 or 43. What is the ID number of this employer or business?	<b>PGM 7</b> <b>8208</b> <b>8208</b>	<input type="checkbox"/> Employer number OR <input type="checkbox"/> Business number
			} SKIP to 3
<b>CHECK ITEM T17</b>	Is "Worked" (code 170) marked on the ISS?	<b>8210</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No – SKIP to 5a
	<b>ASK OR VERIFY –</b> <b>2. What was the name of ...'s MAIN employer or business during the past 4 months?</b>	<b>PGM 8</b> <b>8212</b>	Name of employer or business _____ _____
<b>CHECK ITEM T18</b>	Refer to Check Item E3, page 16, Check Item E6, page 18, Check Item S1, page 20, or Check Item S7, page 22. What is the ID number of this employer or business?	<b>PGM 7</b> <b>8214</b> <b>8216</b>	<input type="checkbox"/> Employer number OR <input type="checkbox"/> Business number
	<b>3. When did ... start working for (Read name of employer or business)?</b> <i>(If worked for more than one period of time, ask about most recent period)</i>	<b>8218</b> <b>8220</b>	[ ] [ ] Month    x1 <input type="checkbox"/> Don't know 1   9 [ ] [ ] Year    x1 <input type="checkbox"/> Don't know
<b>CHECK ITEM T19</b>	Refer to Check Items T16 or T18 above. Is "Employer number" entered?	<b>8222</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No – SKIP to 6a
	<b>4a. About how many persons were employed by ...'s employer at the location where ... works (worked)?</b>	<b>8224</b>	<input type="checkbox"/> Under 25 <input type="checkbox"/> 25 to 99 <input type="checkbox"/> 100 to 499 <input type="checkbox"/> 500 to 999 <input type="checkbox"/> 1,000 or more x1 <input type="checkbox"/> DK
	<b>b. Did ...'s employer operate in more than one location?</b>	<b>8226</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No x1 <input type="checkbox"/> DK
	<b>c. About how many persons were employed by ...'s employer at ALL LOCATIONS?</b>	<b>8228</b>	<input type="checkbox"/> Under 25 <input type="checkbox"/> 25 to 99 <input type="checkbox"/> 100 to 499 <input type="checkbox"/> 500 to 999 <input type="checkbox"/> 1,000 or more x1 <input type="checkbox"/> DK
	<b>d. Was ... a member of a labor union or a member of an employee association similar to a union at that job?</b>	<b>8230</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No x1 <input type="checkbox"/> DK
	<b>e. Was ... covered by a union or employee association contract at that job?</b>	<b>8232</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No x1 <input type="checkbox"/> DK

**Section 5 – TOPICAL MODULES (Continued)**

**Part B – EMPLOYMENT HISTORY – Continued**

**4f.** For how many years has . . . done the kind of work that . . . does on this job?

8234   Months

OR

8238   Years

8238 x1  DK

} SKIP to 6a

**5a.** When did . . . last work at a paid job or business lasting 2 consecutive weeks or more?

8240   Month x1  Don't know

8242 1 9   Year x1  Don't know

8244 x3  Never worked for 2 consecutive weeks or more

} SKIP to Check Item T20

} ASK 5b

**b.** What is the main reason . . . never worked 2 consecutive weeks or more at a paid job or business?  
*Mark (X) only one.*

8248

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

7  Other – Specify \_\_\_\_\_

x1  DK

} SKIP to Check Item T23, page 60

**6a.** Before this job or business when did . . . last work at a paid job or business lasting 2 consecutive weeks or more?

8248   Month x1  Don't know

8260 1 9   Year x1  Don't know

8262 x3  Never had another job lasting two weeks or more – SKIP to Check Item T22

**CHECK ITEM T20** Refer to item 5a or 6a above.  
Is the year 1978 or later?

8264

1  Yes

2  No – SKIP to Check Item T22

**6b.** What was the name of . . . 's employer or business at that time?

PGM 6 Name of employer or business

8266 \_\_\_\_\_

**c.** What kind of company, business, or industry was (Name of employer or business)?

PGM 6

8268 \_\_\_\_\_

**d.** Was that business or industry mainly – (Read categories)

PGM 6

8269

1  Manufacturing?

2  Wholesale trade?

3  Retail trade?

4  Some other kind of business?

**e.** What kind of work was . . . doing on that job?

PGM 6

8271 \_\_\_\_\_

**f.** What were . . . 's most important activities or duties?

PGM 6

8284 \_\_\_\_\_

**ASK OR VERIFY –**

**g.** Did . . . work for an employer on that job or was . . . self-employed?

PGM 7

8269

1  Worked for an employer

2  Self-employed

**h.** When did . . . START working for (Name of employer or business)?

8268   Month x1  Don't know

8270 1 9   Year x1  Don't know



**Section 5 – TOPICAL MODULES – Continued**

**Part C – WORK DISABILITY HISTORY**

<b>CHECK ITEM T23</b>	Refer to cc item 24. What is ...'s age?	<b>8300</b>	1 <input type="checkbox"/> 15 years old – SKIP to Statement F, page 62
			2 <input type="checkbox"/> 16 to 67 years old
			3 <input type="checkbox"/> 68 years old or older – SKIP to Statement F, page 62

**STATEMENT E** → Now I want to talk about any health or physical condition ... may have that affected ...'s ability to work.

<b>CHECK ITEM T24</b>	Is "Disabled" (code 171) marked on the ISS for ...?	<b>8302</b>	1 <input type="checkbox"/> Yes – SKIP to 1a
			2 <input type="checkbox"/> No

<b>CHECK ITEM T25</b>	Refer to cc item 47. Is "Disabled" (code 171) marked on the control card for ...?	<b>8304</b>	1 <input type="checkbox"/> Yes
			2 <input type="checkbox"/> No – SKIP to 1b

<b>1 a.</b> We have recorded that ...'s health or condition limits the kind or amount of work ... can do. Is that correct?	<b>8306</b>	1 <input type="checkbox"/> Yes – SKIP to 1c
		2 <input type="checkbox"/> No – SKIP to Statement F, page 62

<b>b.</b> Does ... have a physical, mental, or other health condition which limits the kind or amount of work ... can do?	<b>8308</b>	1 <input type="checkbox"/> Yes – Mark "171" on ISS
		2 <input type="checkbox"/> No – SKIP to Statement F, page 62

<b>c.</b> When did ... become limited in the kind or amount of work that ... could do at a job?	<b>8310</b>	<input type="text"/> Month	x1 <input type="checkbox"/> Don't know
	<b>8312</b>	1   9   <input type="text"/> Year	x1 <input type="checkbox"/> Don't know
		OR	
	<b>8314</b>	x3 <input type="checkbox"/> Person was limited before person became of working age – SKIP to 2a	
		x5 <input type="checkbox"/> Person became limited after retiring – SKIP to Statement F, page 62	

<b>d.</b> Was ... employed at the time ...'s work limitation began?	<b>8316</b>	1 <input type="checkbox"/> Yes – SKIP to 2a
		2 <input type="checkbox"/> No

<b>e.</b> When was the last time ... worked before ...'s work limitation began?	<b>8318</b>	<input type="text"/> Month	x1 <input type="checkbox"/> Don't know
	<b>8320</b>	1   9   <input type="text"/> Year	x1 <input type="checkbox"/> Don't know
		OR	
	<b>8322</b>	x3 <input type="checkbox"/> Had never been employed before work limitation began	

<b>2a.</b> What health condition is the main reason for ...'s work limitation?	<b>8324</b>	Code	Name of health condition
		<input type="text"/>	<input type="text"/>

<b>b.</b> Was this condition caused by an accident or injury?	<b>8326</b>	1 <input type="checkbox"/> Yes
		2 <input type="checkbox"/> No – SKIP to Check Item T26

<b>c.</b> Where did the accident or injury take place – was it (Read categories) – Mark (X) only one.	<b>8328</b>	1 <input type="checkbox"/> On the job?
		2 <input type="checkbox"/> During service in the Armed Forces?
		3 <input type="checkbox"/> In the home?
		4 <input type="checkbox"/> Somewhere else?

<b>CHECK ITEM T26</b>	Is "Worked" (code 170) marked on the ISS?	<b>8330</b>	1 <input type="checkbox"/> Yes – SKIP to Check Item T27
			2 <input type="checkbox"/> No

<b>3a.</b> Does ...'s health or condition prevent ... from working at a job or business?	<b>8332</b>	1 <input type="checkbox"/> Yes
		2 <input type="checkbox"/> No – SKIP to 4a

<b>b.</b> When did ... become unable to work at a job?	<b>8334</b>	<input type="text"/> Month	x1 <input type="checkbox"/> Don't know
	<b>8336</b>	1   9   <input type="text"/> Year	x1 <input type="checkbox"/> Don't know
		OR	
	<b>8338</b>	x3 <input type="checkbox"/> Has never been able to work at a job – SKIP to Statement F, page 62	

**Section 5 – TOPICAL MODULES (Continued)**

**Part C – WORK DISABILITY HISTORY (Continued)**

**CHECK  
ITEM T27**

Refer to item 8a, page 4.

Did . . . usually work 35 or more hours per week during the reference period?

**8340**

- 1  Yes – SKIP to 4b  
2  No

**4a.** Is . . . now able to work at a full-time job or is . . . only able to work part-time?

**8342**

- 1  Full-time  
2  Part-time  
3  Not able to work – SKIP to Statement F, page 62

**b.** Is . . . now able to work regularly or is . . . only able to work occasionally or irregularly?

**8344**

- 1  Regularly  
2  Only occasionally or irregularly  
3  Not able to work – SKIP to Statement F, page 62

**c.** Is . . . now able to do the same kind of work . . . did before . . . 's work limitation began?

**8346**

- 1  Yes, able to do same kind of work  
2  No, not able to do same kind of work  
3  Did not work before limitation began

NOTES

**Section 5 – TOPICAL MODULES (Continued)**

**Part D – EDUCATION AND TRAINING HISTORY**

**STATEMENT F** → Now I would like to ask you a few questions about ...'s education and any work training ... may have received.

**CHECK ITEM T28** Refer to cc items 31b and 31c. Has ... completed the 12th grade? **8400**  No, has not completed 12th grade  Yes, has completed 12th grade – SKIP to item 3a

**1. When did ... last attend elementary or high school?** **8402** [ ] Month  Don't know **8404** 1 | 9 | [ ] Year  Don't know **8406**  Currently attending – SKIP to Check Item T34, page 65  Never attended

**2. Has ... received a high school diploma? (Include GED's.)** **8408**  Yes  No – SKIP to Check Item T31

**3a. When did ... receive a high school diploma?** **8410** [ ] Month  Don't know **8412** 1 | 9 | [ ] Year  Don't know

**b. Was the high school that ... attended public; private, church-related; or private, not church-related?** **8414**  Public  Private, church-related  Private, not church-related  Did not attend high school  DK

**CHECK ITEM T29** Refer to cc item 31b. Was ...'s highest grade attended at least one year of college? (Codes 21 – 26 in cc item 31b) **8416**  Yes  No – SKIP to Check Item T31

**4a. When did ... first attend college, a university, or a technical, business, or vocational school beyond high school?** **8418** [ ] Month  Don't know **8420** 1 | 9 | [ ] Year  Don't know

**b. What is the highest degree beyond a high school diploma that ... has earned?** **8422**  PhD or equivalent  Professional degree such as Dentistry, Medicine, Law, or Theology  Master's degree  Bachelor's degree  Associate degree  Vocational, technical, or business certificate or diploma  Has not earned a degree } SKIP to 4f  DK

**c. When did ... receive that degree?** **8424** [ ] Month  Don't know **8426** 1 | 9 | [ ] Year  Don't know

(SHOW FLASHCARD FF) **d. In what field of study did ... receive that degree?** **8428** [ ] Code [ ] Field of study  Don't know

**CHECK ITEM T30** Refer to item 4b above. Did ... receive a degree higher than a Bachelor's degree? (Box 1, 2, or 3 marked in item 4b.) **8430**  Yes  No – SKIP to Check Item T31

**4b. When did ... receive his/her Bachelor's degree?** **8432** [ ] Month  Don't know **8434** 1 | 9 | [ ] Year  Don't know } SKIP to Check Item T31

(SHOW FLASHCARD FF) **f. In what field of study were the courses that ... took at college or university?** **8436** [ ] Code [ ] Field of study  Don't know

**g. When was the last time that ... was a student at a college or university?** **8438** [ ] Month  Don't know **8440** 1 | 9 | [ ] Year  Don't know OR **8442**  Is still a student

**Section 5 – TOPICAL MODULES (Continued)**

**Part D – EDUCATION AND TRAINING HISTORY (Continued)**

**CHECK  
ITEM T31**

Refer to cc item 24.  
Is . . . 65 years of age or older?

- 8444**  Yes – SKIP to Check Item T34, page 65  
 No

**5a.** Has . . . ever received training designed to help find a job, improve job skills or learn a new job?

- 8446**  Yes  
 No } SKIP to Check Item T34, page 65  
 DK }

**b.** Was any of this training sponsored by any of the following programs (Read categories)?  
Mark (X) all that apply.

- 8448**  Job Training Partnership Act (JTPA) or Comprehensive Employment Training Act (CETA)  
**8450**  Job Opportunities and Basic Skills (JOBS) or Work Incentive Program (WIN)  
**8452**  Food Stamps Work Program  
**8454**  Other program sponsored by the Welfare Program or AFDC  
**8456**  Veterans' Training Programs  
**8458**  No

**c.** What type of training program is (was) this?  
Mark (X) all that apply.

- 8460**  Classroom training—job skills  
**8462**  Classroom training—basic education  
**8464**  On-the-job training  
**8466**  Job search assistance  
**8468**  Work experience  
**8470**  Other

**d.** Where did . . . receive this training?  
Mark (X) all that apply.

- 8472**  Apprenticeship program  
**8474**  Business, commercial, or vocational school  
**8476**  Junior or community college  
**8478**  Program completed at a 4 year college or graduate school  
**8480**  High school vocational program  
**8482**  Training program at work  
**8484**  Military (exclude basic training)  
**8486**  Correspondence course  
**8488**  Training or experience received on previous job  
**8490**  Sheltered workshop  
**8492**  Vocational rehabilitation centers  
**8494**  Other

**e.** Does . . . use this training on . . . 's (most recent) job?

- 8496**  Yes  
 No

**f.** When did . . . start this (most recent) training?  
(If more than one training occurred, ask about the most recent one.)

- 8498**  /  /  Month  Don't know  
**8500**  1  9  /  Year  Don't know

**g.** For how many weeks did . . . attend this (most recent) training program?

- 8502**  /  /  Weeks  
**8504**  Currently attending  
 Less than 1 week  
 Don't know

**h.** Who paid for this (most recent) program?  
Mark (X) all that apply.

- 8506**  Self or family  
**8508**  Employer  
**8510**  Federal, State, or local government  
**8512**  Someone else

Go to Check Item T34, page 65

NOTES

**Section 5 – TOPICAL MODULES (Continued)**

**Part E – MARITAL HISTORY**

<b>CHECK ITEM T34</b>	Refer to cc item 26a.  What is ...'s current marital status?	<b>8600</b>	<input type="checkbox"/> 1 Married, spouse present <input type="checkbox"/> 2 Married, spouse absent <input type="checkbox"/> 3 Widowed <input type="checkbox"/> 4 Divorced <input type="checkbox"/> 5 Separated <input type="checkbox"/> 6 Never married – SKIP to Statement H, page 67
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**STATEMENT G** Now I have a few questions about ...'s marital history.

<b>1.</b>	How many times has ... been married?	<b>8602</b>	<input type="checkbox"/> 1 – SKIP to Check Item T38, page 66 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 +
-----------	--------------------------------------	-------------	--

<b>2a.</b>	In what month and year did ... get married for the first time?	<b>8604</b>	<input type="text"/> Month x1 <input type="checkbox"/> Don't know <b>8606</b> 1   9   <input type="text"/> Year x1 <input type="checkbox"/> Don't know
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<b>b.</b>	Did ...'s first marriage end in widowhood or in divorce?	<b>8608</b>	<input type="checkbox"/> 1 Widowhood <input type="checkbox"/> 2 Divorce
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<b>c.</b>	In what month and year was ... (widowed/divorced)?	<b>8610</b>	<input type="text"/> Month x1 <input type="checkbox"/> Don't know <b>8612</b> 1   9   <input type="text"/> Year x1 <input type="checkbox"/> Don't know
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<b>CHECK ITEM T35</b>	Refer to item 2b above. Is "Widowhood" marked in item 2b?	<b>8614</b>	<input type="checkbox"/> 1 Yes – SKIP to Check Item T36 <input type="checkbox"/> 2 No
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<b>2d.</b>	In what month and year did ... actually stop living with ...'s spouse?	<b>8616</b>	<input type="text"/> Month x1 <input type="checkbox"/> Don't know <b>8618</b> 1   9   <input type="text"/> Year x1 <input type="checkbox"/> Don't know
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<b>CHECK ITEM T36</b>	Refer to item 1. How many times has ... been married?	<b>8620</b>	<input type="checkbox"/> 1 2 – SKIP to Check Item T38, page 66 <input type="checkbox"/> 2 3 +
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<b>3a.</b>	In what month and year did ... get married for the second time?	<b>8622</b>	<input type="text"/> Month x1 <input type="checkbox"/> Don't know <b>8624</b> 1   9   <input type="text"/> Year x1 <input type="checkbox"/> Don't know
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<b>b.</b>	Did ...'s second marriage end in widowhood or in divorce?	<b>8626</b>	<input type="checkbox"/> 1 Widowhood <input type="checkbox"/> 2 Divorce
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<b>c.</b>	In what month and year was ... (widowed/divorced)?	<b>8628</b>	<input type="text"/> Month x1 <input type="checkbox"/> Don't know <b>8630</b> 1   9   <input type="text"/> Year x1 <input type="checkbox"/> Don't know
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<b>CHECK ITEM T37</b>	Refer to item 3b. Is "Widowhood" marked?	<b>8632</b>	<input type="checkbox"/> 1 Yes – SKIP to Check Item T38, page 66 <input type="checkbox"/> 2 No
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<b>3d.</b>	In what month and year did ... actually stop living with ...'s second spouse?	<b>8634</b>	<input type="text"/> Month x1 <input type="checkbox"/> Don't know <b>8636</b> 1   9   <input type="text"/> Year x1 <input type="checkbox"/> Don't know
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NOTES

**Section 5 – TOPICAL MODULES (Continued)**

**Part E – MARITAL HISTORY (Continued)**

<b>CHECK ITEM T38</b>	Has a Wave 2 interview been obtained for ...'s spouse?	<b>8838</b>	<input type="checkbox"/> Yes – <i>SKIP to Statement H</i> <input type="checkbox"/> No <input type="checkbox"/> No, no spouse in household
<b>4a.</b>	In what month and year did ... get married (most recently)?	<b>8840</b>	<input type="text"/> <input type="text"/> Month    x1 <input type="checkbox"/> Don't know <b>8842</b> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> Year    x1 <input type="checkbox"/> Don't know
<b>CHECK ITEM T39</b>	Refer to Check Item T34. What is ...'s current marital status?	<b>8844</b>	<input type="checkbox"/> Married, spouse present } <i>SKIP to Statement H</i> <input type="checkbox"/> Married, spouse absent } <input type="checkbox"/> Widowed <input type="checkbox"/> Divorced <input type="checkbox"/> Separated – <i>SKIP to item 4c</i>
<b>4b.</b>	In what month and year was ... (widowed/divorced)?	<b>8848</b>	<input type="text"/> <input type="text"/> Month    x1 <input type="checkbox"/> Don't know <b>8848</b> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> Year    x1 <input type="checkbox"/> Don't know
<b>CHECK ITEM T40</b>	Refer to Check Item T39. is "Widowed" marked?	<b>8850</b>	<input type="checkbox"/> Yes – <i>SKIP to Statement H</i> <input type="checkbox"/> No
<b>4c.</b>	When did ... actually stop living with ...'s (most recent) spouse?	<b>8852</b>	<input type="text"/> <input type="text"/> Month    x1 <input type="checkbox"/> Don't know <b>8854</b> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> Year    x1 <input type="checkbox"/> Don't know

**GO to Statement H**

NOTES



**Section 5 – TOPICAL MODULES (Continued)**

**Part G – FERTILITY HISTORY**

<b>CHECK ITEM T42</b>	Refer to cc items 24 and 28. What is ...'s age and sex?	8750	1 <input type="checkbox"/> Female – Read Statement I and then SKIP to item 2a 2 <input type="checkbox"/> Male, 18+ years old 3 <input type="checkbox"/> Male, 15–17 years old – SKIP to Check Item T50, page 70
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**STATEMENT I** → Now I have a few questions about the number of children, if any, that have been born to . . .

<b>1.</b>	How many children, IF ANY, is ... the father of? <i>(If previously married, include all children born in previous and current marriages. Do not count adopted, foster, or stepchildren.)</i>	8752	[ ] Number x3 <input type="checkbox"/> None x1 <input type="checkbox"/> Don't Know
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} SKIP to Check Item T50, page 70

<b>2a.</b>	How many children, if any, has ... ever had? <i>(Do not count stillbirths, adopted, foster, or stepchildren.)</i>	8754	[ ] Number x3 <input type="checkbox"/> None – SKIP to Check Item T50, page 70
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<b>CHECK ITEM T43</b>	Refer to cc item 24. Is ... 65 years of age or older?	8758	1 <input type="checkbox"/> Yes – SKIP to Check Item T50, page 70 2 <input type="checkbox"/> No
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<b>2b.</b>	Are all of ...'s children currently living in this household?	8758	1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No – SKIP to Check Item T45
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<b>CHECK ITEM T44</b>	Refer to cc item 24.  Verify the birth date of ...'s first born and last child born (if more than one child ever born) and enter the person number of the child(ren). <i>Note: If only 1 child born, use the boxes for first child. Use the last child boxes only when there are 2 or more children.</i>		<table border="0"> <tr> <td style="text-align: right;">First child</td> <td style="text-align: center;">8760</td> <td style="text-align: center;">[ ] [ ]</td> <td style="text-align: center;">Month</td> <td style="text-align: center;">[ ] [ ]</td> <td style="text-align: center;">Year</td> <td style="text-align: center;">8762</td> <td style="text-align: center;">[ ] [ ]</td> <td style="text-align: center;">Child's number</td> <td style="text-align: center;">8764</td> <td style="text-align: center;">[ ] [ ] [ ] [ ]</td> </tr> <tr> <td style="text-align: right;">Last child</td> <td style="text-align: center;">8768</td> <td style="text-align: center;">[ ] [ ]</td> <td style="text-align: center;">Month</td> <td style="text-align: center;">[ ] [ ]</td> <td style="text-align: center;">Year</td> <td style="text-align: center;">8768</td> <td style="text-align: center;">[ ] [ ]</td> <td style="text-align: center;">Child's number</td> <td style="text-align: center;">8770</td> <td style="text-align: center;">[ ] [ ] [ ] [ ]</td> </tr> </table>	First child	8760	[ ] [ ]	Month	[ ] [ ]	Year	8762	[ ] [ ]	Child's number	8764	[ ] [ ] [ ] [ ]	Last child	8768	[ ] [ ]	Month	[ ] [ ]	Year	8768	[ ] [ ]	Child's number	8770	[ ] [ ] [ ] [ ]
First child	8760	[ ] [ ]	Month	[ ] [ ]	Year	8762	[ ] [ ]	Child's number	8764	[ ] [ ] [ ] [ ]															
Last child	8768	[ ] [ ]	Month	[ ] [ ]	Year	8768	[ ] [ ]	Child's number	8770	[ ] [ ] [ ] [ ]															

} SKIP to Check Item T50, page 70

<b>CHECK ITEM T45</b>	Refer to item 2a. How many children has ... ever had?	8778	1 <input type="checkbox"/> One child – SKIP to 4a 2 <input type="checkbox"/> 2+ children
-----------------------	--	------	---

<b>3a.</b>	When was ...'s last child born?	8780	[ ] [ ] Month    x1 <input type="checkbox"/> Don't know 8782    1 9   [ ] [ ] Year    x1 <input type="checkbox"/> Don't know
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<b>CHECK ITEM T46</b>	Refer to item 3a. Was ...'s last child born on or after January 1, 1970?	8784	1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No – SKIP to 4a
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	<i>ASK OR VERIFY –</i>	8786	1 <input type="checkbox"/> Resides in this household – Go to Check Item T47 Resides elsewhere 2 <input type="checkbox"/> In his/her own household With relatives 3 <input type="checkbox"/> With own father 4 <input type="checkbox"/> With own grandparent(s) 5 <input type="checkbox"/> With adoptive parent(s) 6 <input type="checkbox"/> With other relative(s) With nonrelatives 7 <input type="checkbox"/> In foster care/foster family 8 <input type="checkbox"/> In an institution (hospital) 9 <input type="checkbox"/> In school 10 <input type="checkbox"/> In correctional facility 11 <input type="checkbox"/> Other 12 <input type="checkbox"/> Deceased 13 <input type="checkbox"/> DK
--	------------------------	------	--

} SKIP to 4a

<b>CHECK ITEM T47</b>	Write the person number of the last child.	8788	[ ] [ ] [ ] Person number of last child
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**Section 5 – TOPICAL MODULES (Continued)**

**Part G – FERTILITY HISTORY (Continued)**

**4a. When was ...'s first child born?**

**8792**   Month x1  Don't know

**8794**  1 | 9 |  Year x1  Don't know

**CHECK  
ITEM T48**

*Refer to item 4a.  
Was ...'s first child born on  
or after January 1, 1970?*

**8796** 1  Yes  
2  No – *SKIP to Check Item T50, page 70*

**ASK OR VERIFY –**

**4b. With whom does the child live now?**

**8798** 1  **Resides in this household** – *Go to Check item T49*

**Resides elsewhere**

2  In his/her own household

**With relatives**

3  With own father

4  With own grandparent(s)

5  With adoptive parent(s)

6  With other relative(s)

**With nonrelatives**

7  In foster care/foster family

8  In an institution (hospital)

9  In school

10  In correctional facility

11  Other

12  Deceased

13  DK

*SKIP to Check  
Item T50, page 70*

**CHECK  
ITEM T49**

*Write the person number of  
the first child.*

**8800**    Person number of first child

**NOTES**

**Section 5 – TOPICAL MODULES (Continued)**

**Part H – HOUSEHOLD RELATIONSHIPS**

<b>CHECK ITEM T50</b>	What is the composition of this household?	9268	1 <input type="checkbox"/> One person HH	} <i>SKIP to Check Item C1, page 75</i>
			2 <input type="checkbox"/> Two person HH consisting of husband and wife	
			3 <input type="checkbox"/> Two person HH consisting of non-relatives	
			4 <input type="checkbox"/> Other	

<b>CHECK ITEM T51</b>	Is this the Reference Person's questionnaire?	9268	1 <input type="checkbox"/> Yes
			2 <input type="checkbox"/> No – <i>SKIP to Check Item C1, page 75</i>

*Pretranscribe each person's name and person number into column headings a-n; list names and person numbers in the SAME ORDER in the roster down the left side of this page.*

**AT TIME OF INTERVIEW**  
*Verify the Roster against the current household composition in cc items 18 and 19a. If a person who was pretranscribed has left the household since last wave, line out name and person number in Roster space and column. If a person has entered the household since last wave, write in name and person number in the first available (blank) Roster space and column.*

**STATEMENT J** → *Now I need to record the EXACT relationships among the persons living here. Please answer by describing adoptive, step, or foster relationships, where appropriate. For each person number listed on the left side of this page, ask question 1 and enter codes from Flashcard HH.*

ASK OR VERIFY –		Name	Name	Name	Name	Name	Name
1. What is the EXACT relationship of (person listed in roster) to (each person listed in columns a-n)?		9272	9274	9276	9278	9280	9282
		Person No. a.	Person No. b.	Person No. c.	Person No. d.	Person No. e.	Person No. f.
<b>ROSTER</b>							
9300	Name						
	Person No.						
9330	Name	9332					
	Person No.						
9360	Name	9362	9364				
	Person No.						
9390	Name	9392	9394	9396			
	Person No.						
9420	Name	9422	9424	9426	9428		
	Person No.						
9450	Name	9452	9454	9456	9458	9460	
	Person No.						
9480	Name	9482	9484	9486	9488	9490	9492
	Person No.						
9510	Name	9512	9514	9516	9518	9520	9522
	Person No.						
9540	Name	9542	9544	9546	9548	9550	9552
	Person No.						
9570	Name	9572	9574	9576	9578	9580	9582
	Person No.						
9600	Name	9602	9604	9606	9608	9610	9612
	Person No.						
9630	Name	9632	9634	9636	9638	9640	9642
	Person No.						
9660	Name	9662	9664	9666	9668	9670	9672
	Person No.						
9690	Name	9692	9694	9696	9698	9700	9702
	Person No.						

**GO to Check Item C1, page 75**



## CALLBACK SUMMARY

<b>CHECK ITEM C1</b>	Are any items marked on Remainder Card for ...?	<b>5000</b>	1 <input type="checkbox"/> Yes - Mark appropriate item(s) below, then SKIP to Check Item C2 2 <input type="checkbox"/> No - SKIP to Check Item C2
<input type="checkbox"/>	<b>1. Social Security Number</b> <i>(Enter in cc item 33a)</i>	<input type="text"/>	x1 <input type="checkbox"/> DK x2 <input type="checkbox"/> Ref. x3 <input type="checkbox"/> None
<input type="checkbox"/>	<b>2. Medicare claim number</b> <i>(Item 23b, page 8)</i>	<b>5002</b> <input type="text"/> - <input type="text"/> - <b>5004</b> <input type="text"/> - <b>5005</b> <input type="text"/>	
<input type="checkbox"/>	<b>3. EMPLOYER</b>		
<input type="checkbox"/>	<b>a. Employer #1</b> <i>(Item 8a, page 17)</i> What was the total amount of pay received before deductions on this job in ...?	<b>5008</b> \$ <input type="text"/> . <b>00</b>	Last month x1 <input type="checkbox"/> DK x2 <input type="checkbox"/> Ref. x3 <input type="checkbox"/> None
		<b>5008</b> \$ <input type="text"/> . <b>00</b>	2 months ago x1 <input type="checkbox"/> DK x2 <input type="checkbox"/> Ref. x3 <input type="checkbox"/> None
		<b>5010</b> \$ <input type="text"/> . <b>00</b>	3 months ago x1 <input type="checkbox"/> DK x2 <input type="checkbox"/> Ref. x3 <input type="checkbox"/> None
		<b>5012</b> \$ <input type="text"/> . <b>00</b>	4 months ago x1 <input type="checkbox"/> DK x2 <input type="checkbox"/> Ref. x3 <input type="checkbox"/> None
<input type="checkbox"/>	<b>b. Employer #2</b> <i>(Item 16a, page 19)</i> What was the total amount of pay received before deductions on this job in ...?	<b>5014</b> \$ <input type="text"/> . <b>00</b>	Last month x1 <input type="checkbox"/> DK x2 <input type="checkbox"/> Ref. x3 <input type="checkbox"/> None
		<b>5016</b> \$ <input type="text"/> . <b>00</b>	2 months ago x1 <input type="checkbox"/> DK x2 <input type="checkbox"/> Ref. x3 <input type="checkbox"/> None
		<b>5018</b> \$ <input type="text"/> . <b>00</b>	3 months ago x1 <input type="checkbox"/> DK x2 <input type="checkbox"/> Ref. x3 <input type="checkbox"/> None
		<b>5020</b> \$ <input type="text"/> . <b>00</b>	4 months ago x1 <input type="checkbox"/> DK x2 <input type="checkbox"/> Ref. x3 <input type="checkbox"/> None
<input type="checkbox"/>	<b>4. SELF-EMPLOYMENT</b>		
<input type="checkbox"/>	<b>a. Self-employment #1</b> <i>(Item 7, page 21)</i> What was the total amount of income received from this business in ...?	<b>5022</b> \$ <input type="text"/> . <b>00</b>	Last month x1 <input type="checkbox"/> DK x2 <input type="checkbox"/> Ref. x3 <input type="checkbox"/> None
		<b>5024</b> \$ <input type="text"/> . <b>00</b>	2 months ago x1 <input type="checkbox"/> DK x2 <input type="checkbox"/> Ref. x3 <input type="checkbox"/> None
		<b>5026</b> \$ <input type="text"/> . <b>00</b>	3 months ago x1 <input type="checkbox"/> DK x2 <input type="checkbox"/> Ref. x3 <input type="checkbox"/> None
		<b>5028</b> \$ <input type="text"/> . <b>00</b>	4 months ago x1 <input type="checkbox"/> DK x2 <input type="checkbox"/> Ref. x3 <input type="checkbox"/> None
<input type="checkbox"/>	<b>b. Self-employment #2</b> <i>(Item 18, page 23)</i> What was the total amount of income received from this business in ...?	<b>5030</b> \$ <input type="text"/> . <b>00</b>	Last month x1 <input type="checkbox"/> DK x2 <input type="checkbox"/> Ref. x3 <input type="checkbox"/> None
		<b>5032</b> \$ <input type="text"/> . <b>00</b>	2 months ago x1 <input type="checkbox"/> DK x2 <input type="checkbox"/> Ref. x3 <input type="checkbox"/> None
		<b>5034</b> \$ <input type="text"/> . <b>00</b>	3 months ago x1 <input type="checkbox"/> DK x2 <input type="checkbox"/> Ref. x3 <input type="checkbox"/> None
		<b>5036</b> \$ <input type="text"/> . <b>00</b>	4 months ago x1 <input type="checkbox"/> DK x2 <input type="checkbox"/> Ref. x3 <input type="checkbox"/> None
<input type="checkbox"/>	<b>5. What was the average balance in savings/ Money market deposit accounts/ CD's/ Interest-earning checking accounts held jointly by husband and wife?</b> <i>(Item 2c, page 48)</i>	Amounts for the period - <input type="text"/> through <input type="text"/>	<b>5038</b> \$ <input type="text"/> . <b>00</b> x1 <input type="checkbox"/> DK x2 <input type="checkbox"/> Ref.
<input type="checkbox"/>	<b>6. What was the average balance in savings/ Money market deposit accounts/ CD's/ Interest-earning checking accounts in own name?</b> <i>(Item 3c, page 48)</i>	<b>5040</b> \$ <input type="text"/> . <b>00</b>	x1 <input type="checkbox"/> DK x2 <input type="checkbox"/> Ref.
<input type="checkbox"/>	<b>7. What was the average balance in Money market funds/securities/bonds held jointly by husband and wife?</b> <i>(Item 2c, page 49)</i>	<b>5042</b> \$ <input type="text"/> . <b>00</b>	x1 <input type="checkbox"/> DK x2 <input type="checkbox"/> Ref.
<input type="checkbox"/>	<b>8. What was the average balance in Money market funds/securities/ bonds in own name?</b> <i>(Item 3c, page 49)</i>	<b>5044</b> \$ <input type="text"/> . <b>00</b>	x1 <input type="checkbox"/> DK x2 <input type="checkbox"/> Ref.
<input type="checkbox"/>	<b>9. What was the amount received in dividends by husband and wife jointly?</b> <i>(Item 1b, page 50)</i>	<b>5048</b> \$ <input type="text"/> . <b>00</b>	x1 <input type="checkbox"/> DK x2 <input type="checkbox"/> Ref. x3 <input type="checkbox"/> None
<input type="checkbox"/>	<b>10. What was the amount received in dividends in own name?</b> <i>(Item 2a, page 50)</i>	<b>5050</b> \$ <input type="text"/> . <b>00</b>	x1 <input type="checkbox"/> DK x2 <input type="checkbox"/> Ref. x3 <input type="checkbox"/> None
<b>CHECK ITEM C2</b>	Has an interview been conducted for all household members 15+?	<b>5052</b>	1 <input type="checkbox"/> Yes - Enter finish time on cover page, fill cc items 36 and 39 and END INTERVIEW 2 <input type="checkbox"/> 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
20	Aid to Families with Dependent Children (AFDC, ADC)	50	Income assistance from a charitable group
21	General assistance or General relief	51	Money from relatives or friends
22	Indian, Cuban, or Refugee Assistance	52	Lump sum payments
23	Foster child care payments	53	Income from roomers or boarders
24	Other welfare	54	National Guard or Reserve pay
25	WIC (Women, Infants and Children Nutrition Program)	55	Incidental or casual earnings
27	Food stamps	56	Other cash income not included elsewhere

ASSET LIST		SPECIAL INDICATORS	
Code	Type	Code	Type
100	Regular/passbook savings accounts in a bank, savings and loan or credit union	170	Worked
101	Money market deposit accounts	171	Disabled
102	Certificates of Deposit or other savings certificates	172	Medicare
103	Interest-earning checking accounts (such as NOW or Super NOW accounts)	173	Medicaid
104	Money market funds	174	U.S. Savings Bonds (E, EE)
105	U.S. Government securities	175	College work study
106	Municipal or corporate bonds	176	PELL Grant
107	Other interest-earning assets	177	Supplemental Educational Opportunity Grant (SEOG)
110	Stocks or mutual fund shares	178	National Direct Student Loan (NDSL)
120	Rental property	179	Guaranteed Student Loan
130	Mortgages	180	JTPA Training
140	Royalties	181	Employer assistance
150	Other financial investments	182	Fellowship/Scholarship
		183	Other financial aid
		200	VA disability rating of 100%
		201	VA disability of less than 100%

a. R.O. code	b. Control number	c. Add. ID	d. Entry Add. ID	e. Person number
	PSU Segment Serial Sample digit			
			110	

### INCOME SOURCE SUMMARY (ISS)

INSTRUCTION — Column (a) will show 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) will show 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.

ISS code (a)	Mark (X) (b)	Record use code 1 = Yes 2 = No 3 = Ref. (c)	Type of income source and income source code (d)	Amounts section page number (e)
<b>INCOME CODES 1-7</b>				
1			Social Security	
2			U.S. Government Railroad Retirement pay	
3			Federal Supplemental Security Income (SSI)	
5			State Unemployment compensation	
6			Supplemental Unemployment Benefits	
<b>INCOME CODES 8-13</b>				
8			Veterans' compensation or pensions	
<b>INCOME CODES 20-29</b>				
20			Aid to Families with Dependent Children (AFDC, ADC)	
24			Other Welfare — Specify	
27			Food Stamps	
28			Child Support payments	
29			Alimony payments	
<b>INCOME CODES 30-38</b>				
30			Pension from company or union	(A) - 24 28 32 36 40 44
<b>INCOME CODES 40-46</b>				
40			GI Bill education benefits	
<b>INCOME CODES 50-56</b>				
55			Incidental or casual earnings	
<b>ASSET CODES 100-150</b>				
100			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	
105			U.S. Government securities	(C) - 49
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	
140			Royalties	(F) - 52
150			Other financial investments	
<b>SPECIAL INDICATOR CODES 170-183, 200, 201</b>				
170			Worked	Section 2
171			Disabled	
172			Medicare	
173			Medicaid	
174			U.S. Savings Bonds	
200			VA disability rating of 100%	DO NOT FILL
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
Asset Roster, 28b, columns (2) and (3) .....	12
Check Item R31 .....	12
Check Item T1 .....	54
Reciency History Roster, 1, columns b and c .....	54
Check Item T14 .....	57
Check Item T15 (only if T14 is yes) .....	57
Check Item T42 .....	68
Household members' names and person numbers in roster and columns (on reference person's questionnaire) .....	70, 71
Control number information at top of Income Source Summary (ISS) .....	76b
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 Aiden 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. Bowle, 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

**SIPP RECTANGULAR FILES**

- 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 Elderly," 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

**APPENDIX C - WORKING PAPERS**

- 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. McNell 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 Reciprocity 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

**SIPP RECTANGULAR FILES**

- 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

**APPENDIX C - WORKING PAPERS**

- 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

## **SIPP RECTANGULAR FILES**

- 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

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\_\_\_ 8507

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\_\_\_ 8601 \_\_\_ 8608  
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\_\_\_ 8605 \_\_\_ 8612  
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\_\_\_ 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 have 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 2 Rectangular 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.