**Survey of Income and Program
Participation (SIPP)
1991 Panel
Wave 2 Topical Module
Microdata File**

TECHNICAL DOCUMENTATION
SIPP-91-2T

SURVEY OF INCOME AND PROGRAM PARTICIPATION (SIPP)

1991 PANEL

WAVE 2 TOPICAL MODULE MICRODATA FILE

Technical Documentation

Washington, D.C.

1992

U.S. DEPARTMENT OF COMMERCE

Barbara Hackman Franklin, Secretary

Rockwell A. Schnabel, Deputy Secretary

Economic and Statistics Administration
J. Antonio Villamil, Under Secretary
for Economic Affairs

Bureau Of The Census
Barbara Everitt Bryant, Director

BUREAU OF THE CENSUS

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Dr. Harry A. Scarr, Acting Deputy Director
John J. Connolly, Assistant Director
for Communications

DATA USER SERVICES DIVISION

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

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* *

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* *

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

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SURVEY OF INCOME AND PROGRAM PARTICIPATION (SIPP)
1991 PANEL
WAVE 2 TOPICAL MODULE MICRODATA FILE

ABSTRACT

Survey of Income and Program Participation (SIPP) 1991 Panel, Wave 2 Topical Module Microdata File [machine-readable data file] / conducted by the U.S. Bureau of the Census. Washington: The Bureau [producer and distributor], 1992.

Type of File:

Microdata; unit of observation is an individual.

Universe Description:

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

Subject-Matter Description:

The file contains data primarily from the topical module portion of the questionnaire. However, for purposes of matching persons to the core file, which was released separately, the beginning of the file contains identifying information as well as some basic demographic and social characteristics that are also contained in the core file. The identifying information includes sample unit, household address, and entry address identification. Demographic and social characteristcs 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 recipiency, 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 1991. 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 5 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: 38,562 logical records; 1,360 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) 1991 Panel, Wave 2 Topical Module Microdata File Technical Documentation. The documentation includes this abstract, the data dictionary, an index to the data dictionary, relevant code lists, a questionnaire facsimile, and general information relative to SIPP. One copy of the technical documentation accompanies each file order but also may be purchased separately for $25 from Data User Services Division, Customer Services, Bureau of the Census,Washington, D.C. 20233.

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

Survey of Income and Program Participation Users' Guide. The Users' Guide contains a general overview of the file as well as chapters on survey design and content, structure and use of cross-sectional files, linking waves and reliability of the data. A single copy accompanies each technical documentation or tape order. Additional copies are available for $15 each from Customer Services, Data User Services Division, Bureau of the Census, Washington, D.C. 20233.

Related Printed Reports:

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

Related Machine-Readable Data Files:

SIPP files from all Waves of the 1984 through 1988 Panels as well as Waves 1-6 (Core only for Wave 5) of the 1990 Panel and Waves 1, 2, and 3 Core from the 1991 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:

Survey of Income and Program (SIPP) 1991 Panel, Wave 2 Topical Module File is available on computer tape for $175 at either 6250 or 1600 bpi; ASCII or EBCDIC, labeled or unlabeled. The file is also available on tape cartridges (IBM 3480 compatible) for the same price. A machine-readable dictionary is contained at the end of the file. The 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-Intvw	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 recipiency of benefits to thresholds which may vary from State to State. MSA/CMSA codes may be used in relating respondent characteristics with contextual variables.

Identification Number System

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

The various components of the identification scheme are listed below:

Sample Unit Identification Number
Address ID
Entry Address ID
Person Number

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

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

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

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

Topcoding of Income Variables

To protect against the possibility that a user might recognize the identity of a SIPP respondent with very high income, income from every source is "topcoded" so that no individual income amounts above $100,000 are revealed. While the data dictionary indicates a topcode of $33,332 for monthly income, this topcode will rarely be used. In most cases the monthly income is shown as an individual dollar amount of $8,333, with $8,333 actually representing "$8,333 or more." (the $100,000 annual income topcode is $8,333 multiplied by 12 months). Individual monthly amounts above $8333 may occasionally be shown if the respondent's income varied considerably from month to month, as long as the average does not exceed $8,333. For example, if a respondents' income from a single job were concentrated in only one of the four reference months, a figure as high as $33,332 could be shown. (Income from interest or property have lower topcodes).

Summary income figures on the person, family, and household records are simple sums of the components shown on the file after topcoding, and are not independently topcoded. Thus, a person with high income from several sources (jobs, businesses, property) could have aggregate monthly income well over the topcode for each source. Families and households with a number of high income members could theoretically have aggregate income shown well over $100,000, though well below the $1.5 million shown as the highest allowable value in the data dictionary.

The user is cautioned against trying to make much use of the occasional monthly figures above $8,333, except in calculating aggregates or observing patterns across the 4-month period for a single individual, family, or household. Those units with higher monthly amounts shown are a biased sample of high income units, more likely to include units with income from multiple sources than other units with equally high aggregate income which comes from a single source.

GLOSSARY OF SELECTED TERMS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Means-tested benefits. The term means-tested benefits refers to programs that require the income or assets (resources) of the individual or family be below specified guidelines in order to qualify for benefits. These programs provide cash and noncash assistance to the low-income population. The major sources of means-tested cash and noncash assistance are shown in Appendix B-2.

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

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

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

Cash income includes all income received from any of the sources listed in Appendix B-1. Rebates, refunds, loans, and capital gain or loss amounts from the sale of assets, and interhousehold transfers of cash such as allowances are not included. Accrued interest on Individual Retirement Accounts, KEOUGH retirement plans. and U.S. Savings bonds are also excluded. This definition differs somewhat from that used in the annual income reports based on the March CPS Income supplement questionnaire. These data, published in the Consumer Income Series, P-60, are based only on income received in a regular or periodic manner and, therefore, exclude lump-sum or one-time payments such as inheritances and insurance settlements. The March CPS income definition, however, does exclude the same income sources excluded by SIPP.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

INDEX TO 1991 WAVE 2 TOPICAL MODULE

ALPHABETICAL VARIABLE LISTING TO 1991 WAVE 2 TOPICAL MODULE

Mnemonic	Item	Position

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 1991 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 = (000000000:999999999)
U All persons

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

D STATE      2     16
    FIPS state code from the MST/GRIN file
U All persons
        01 .Alabama
        04 .Arizona
        05 .Arkansas
        06 .California
        08 .Colorado
        09 .Connecticut
        10 .Delaware
        11 .District Of Columbia
        12 .Florida
        13 .Georgia
        15 .Hawaii
        17 .Illinois
        18 .Indiana
        20 .Kansas
        21 .Kentucky
        22 .Louisiana
        24 .Maryland
        25 .Massachusetts
        26 .Michigan
        27 .Minnesota
        28 .Mississippi
        29 .Missouri
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        32 .Nevada
        33 .New Hampshire
        34 .New Jersey
        35 .New Mexico
        36 .New York
        37 .North Carolina
        39 .Ohio
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        41 .Oregon
        42 .Pennsylvania
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        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

D PINX       2     18
    Person index from core
```

```
DATA        SIZE  BEGIN

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

D ITEM36B    2     22
    Control card item 36B -
    interview status code
U All households
V           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
V             .or storage
V          14 .Unoccupied site for mobile home,
V             .trailer, or tent
V          15 .Permit granted, construction not
V             .started
V          16 .Other Type B
V             .Type B noninterview (Wave 2+)
V          16 .Entire hh institutionalized
V             .or temporarily ineligible
V             .Type C noninterview (Wave 1)
V          17 .Demolished
V          18 .House or trailer moved
V          19 .Converted to permanent business
V             .or storage
V          20 .Merged
V          21 .Condemned
V          22 .Other Type C
V             .Type C noninterview (Wave 2+)
V          22 .Deleted (sample adjustment,
V             .error)
V          23 .Entire household deceased,
V             .moved out of country, or
V             .living in armed forces barracks
V             .Type D noninterview (Wave 2+)
V          24 .Moved, address unknown
V          25 .Moved within country beyond
V             .limit
V          26 .All sample persons relisted on
V             .new control card(s)

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

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
```

SIPP 1991 TOPICAL MODULE WAVE 2

```
DATA          SIZE  BEGIN                    DATA          SIZE  BEGIN

                                             V         4 .Divorced
D PNUM       3     27                        V         5 .Separated
    Edited person number                     V         6 .Never married
U All persons, including children
                                             D PNSP       3     49
D FINALWGT  12     30                             Person number of spouse
    'STAGE1WT' * second stage factor.        U Persons 15 years old or older
U All persons, including children            V       000 .Not a sample person in this
                                             V           .month
D RRP        1     42                         V       999 .Not applicable
    Edited relationship to reference person
U All persons, including children            D PNPT       3     52
V         0 .Not a sample person in this          Prson number of parent
V           .month                           U Persons 15 years old or older
V         1 .Household reference person,     V       000 .Not a sample person in this
V           .living with relatives           V           .month
V         2 .Household reference person      V       999 .Not applicable
V           .living alone or with only
V           .non-relatives (primary          D HIGRADE    2     55
V           .individual)                          What is the highest grade or year of
V         3 .Spouse of household reference        regular school this person attended?
V           .person                          U Persons 15 years old or older
V         4 .Child of household reference    V        00 .Not applicable if under 15,
V           .person                          V           .did not attend or attended only
V         5 .Other relative of household     V           .kindergarten
V           .reference person                V     01 - 08 .Elementary
V         6 .Non-relative of household       V     09 - 12 .High school
V           .reference person but related    V     21 - 26 .College
V           .to others in the household -
V           .member of an unrelated          D GRD-CMPL   1     57
V           .sub(secondary) family                Did he/she complete that grade
V         7 .Non-relative of household       U Persons 15 years old or older
V           .reference person and not        V         0 .Not applicable
V           .related to anyone else          V         1 .Yes
V           .in the household(secondary      V         2 .No
V           .individual)
                                             D ETHNICTY   2     58
D AGE        3     43                             Ethnic origin
    Edited and imputed age as of last        U All persons, including children
    birthday.                                V        01 .German
U All persons, including children            V        02 .English
V         0 .Less than 1 full year           V        03 .Irish
V         1 .1 year                          V        04 .French
V           .etc.                            V        05 .Italian
                                             V        06 .Scottish
D SEX        1     46                         V        07 .Polish
    Sex of this person                       V        08 .Dutch
    Edited and imputed                       V        09 .Swedish
U All persons, including children            V        10 .Norwegian
V         1 .Male                            V        11 .Russian
V         2 .Female                          V        12 .Ukrainian
                                             V        13 .Welsh
D Race       1     47                         V        14 .Mexican-American
    Race of this person                      V        15 .Chicano
    Edited and imputed                       V        16 .Mexican
U All persons, including children            V        17 .Puerto Rican
V         1 .White                           V        18 .Cuban
V         2 .Black                           V        19 .Central or South American
V         3 .American Indian, Eskimo or Aleut V          .(Spanish speaking)
V         4 .Asian or Pacific Islander       V        20 .Other Spanish
                                             V        21 .Afro-American (Black or Negro)
D MS         1     48                         V        30 .Another group not listed
    Marital status                           V        39 .Don't know
    If marital status changed during any
    month, the marital status shown is the   D WAVE       1     60
    status maintained for the greatest part      Wave number within Panel
    of the month - edited and imputed
U Persons 15 years old or older              ********************************************
V         0 .Not a sample person in this     *      Part I:  Household Relationship    *
V           .month                           *              Edited Version             *
V         1 .Married, spouse present         ********************************************
V         2 .Married, spouse absent
V         3 .Widowed
```

DATA   SIZE BEGIN

D TMHHRSEQ   5   61
    Household sequence

D TM9266   1   66
    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   67
    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   70
    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   73
    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   76
    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   79
    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   82
    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   85
    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   88
    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   91
    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   94
    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   97
    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   100
    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   103
    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   106
    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 1991 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 Õlisted      *
*    verticallyå ) to (person listed       *
*    A - N Õlisted horizontallyå )?        *
*    Roster:                               *
*********************************************

D TM9300     3    109
    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    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       000 .Not in universe

D TM9332     2    115
    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
```

DATA   SIZE BEGIN

```
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 TM9360     3    117
    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                    *
```

```
DATA        SIZE  BEGIN                          DATA        SIZE  BEGIN

*V      24 .Natural daughter        *           V        0 .Not in universe
*V      25 .Stepdaughter            *
*V      26 .Adopted daughter        *           *********************************************
*V      27 .Foster daughter         *           *COMMENT                                    *
*V      28 .Unknown male child type *           *    The next fields (TM9392 thru TM9396)   *
*V      29 .Unknown female child type *          *    are relationships in the household.    *
*V         .Sibling:                *           *    Relationship                           *
*V      30 .Full brother            *           *V         .Spouse:                         *
*V      31 .Half brother            *           *V      01 .Husband                         *
*V      32 .Stepbrother             *           *V      02 .Wife                            *
*V      33 .Adoptive brother        *           *V         .Parent:                         *
*V      34 .Full sister             *           *V      10 .Natural father(biological)      *
*V      35 .Half sister             *           *V      11 .Stepfather                      *
*V      36 .Stepsister              *           *V      12 .Adoptive father                 *
*V      37 .Adoptive sister         *           *V      13 .Foster father                   *
*V      38 .Unknown sibling type    *           *V      14 .Natural mother                  *
*V         .Grandparents:           *           *V      15 .Stepmother                      *
*V      40 .Grandfather             *           *V      16 .Adoptive mother                 *
*V      41 .Grandmother             *           *V      17 .Foster mother                   *
*V         .Grandchild:             *           *V      18 .Unknown male parent type        *
*V      42 .Grandson                *           *V      19 .Unknown female parent type      *
*V      43 .Granddaughter           *           *V         .Child:                          *
*V         .Uncle/aunt:             *           *V      20 .Natural son                     *
*V      44 .Uncle                   *           *V      21 .Stepson                         *
*V      45 .Aunt                    *           *V      22 .Adopted son                     *
*V         .Nephew/niece:           *           *V      23 .Foster son                      *
*V      46 .Nephew                  *           *V      24 .Natural daughter                *
*V      47 .Niece                   *           *V      25 .Stepdaughter                    *
*V         .In-laws:                *           *V      26 .Adopted daughter                *
*V      50 .Father-in-law           *           *V      27 .Foster daughter                 *
*V      51 .Mother-in-law           *           *V      28 .Unknown male child type         *
*V      52 .Son-in-law              *           *V      29 .Unknown female child type       *
*V      53 .Daughter-in-law         *           *V         .Sibling:                        *
*V      54 .Brother-in-law          *           *V      30 .Full brother                    *
*V      55 .Sister-in-law           *           *V      31 .Half brother                    *
*V         .Other relative:         *           *V      32 .Stepbrother                     *
*V      60 .Cousin,etc.             *           *V      33 .Adoptive brother                *
*V         .Nonrelative:            *           *V      34 .Full sister                     *
*V      70 .Not related             *           *V      35 .Half sister                     *
*V      88 .Member of column with no *          *V      36 .Stepsister                      *
*V         .responses               *           *V      37 .Adoptive sister                 *
*V      98 .Not found               *           *V      38 .Unknown sibling type            *
*V      99 .No response             *           *V         .Grandparents:                   *
*********************************************    *V      40 .Grandfather                     *
                                                *V      41 .Grandmother                     *
D TM9362    2    120                            *V         .Grandchild:                     *
     Relationship in the household              *V      42 .Grandson                        *
U Reference persons living in other than        *V      43 .Granddaughter                   *
  one person household, two person              *V         .Uncle/aunt:                     *
  household consisting of husband and wife      *V      44 .Uncle                           *
  or two person household consisting of         *V      45 .Aunt                            *
  non-relative                                  *V         .Nephew/niece:                   *
                                                *V      46 .Nephew                          *
D TM9364    2    122                            *V      47 .Niece                           *
     Relationship in the household              *V         .In-laws:                        *
U Reference persons living in other than        *V      50 .Father-in-law                   *
  one person household, two person              *V      51 .Mother-in-law                   *
  household consisting of husband and wife      *V      52 .Son-in-law                      *
  or two person household consisting of         *V      53 .Daughter-in-law                 *
  non-relative                                  *V      54 .Brother-in-law                  *
                                                *V      55 .Sister-in-law                   *
D TM9390    3    124                            *V         .Other relative:                 *
     Person number in roster                    *V      60 .Cousin,etc.                     *
     Valid person numbers are:                  *V         .Nonrelative:                    *
     101 - 124, 180 - 199,                      *V      70 .Not related                     *
     201 - 224, 280 - 299,                      *V      88 .Member of column with no        *
     301 - 324, 380 - 399,                      *V         .responses                       *
     401 - 424, 480 - 499                       *V      98 .Not found                       *
U Reference persons living in other than        *V      99 .No response                     *
  one person household, two person              *********************************************
  household consisting of husband and wife
  or two person household consisting of         D TM9392    2    127
  non-relative                                       Relationship in the household
```

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 TM9394   2   129
       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 TM9396   2   131
       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 TM9420   3   133
       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(TM9422 thru 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   *
*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   *

DATA   SIZE BEGIN

*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 TM9422   2   136
       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 TM9424   2   138
       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 house-
  hold consisting of non-relative

D TM9426   2   140
       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 TM9428   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

D TM9450   3   144
       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

```
DATA        SIZE  BEGIN                          DATA        SIZE  BEGIN

  non-relative                                   U Reference persons living in other than
V        0 .Not in universe                        one person household, two person
                                                   household consisting of husband and wife
*********************************************       or two person household consisting of
*COMMENT                                    *       non-relative
*    The next fields (TM9452 thru TM9460)   *
*    are relationships in the household.     *   D TM9454      2    149
*V           .Spouse:                        *       Relationship in the household
*V        01 .Husband                        *   U Reference persons living in other than
*V        02 .Wife                           *       one person household, two person
*V           .Parent:                        *       household consisting of husband and
*V        10 .Natural father(biological)     *       wife or two person household consisting
*V        11 .Stepfather                     *       of non-relative
*V        12 .Adoptive father                *
*V        13 .Foster father                  *   D TM9456      2    151
*V        14 .Natural mother                 *       Relationship in the household
*V        15 .Stepmother                     *   U Reference persons living in other than
*V        16 .Adoptive mother                *       one person household, two person
*V        17 .Foster mother                  *       household consisting of husband and wife
*V        18 .Unknown male parent type       *       or two person household consisting of
*V        19 .Unknown female parent type     *       non-relative
*V           .Child:                         *
*V        20 .Natural son                    *   D TM9458      2    153
*V        21 .Stepson                        *       Relationship in the household
*V        22 .Adopted son                    *   U Reference persons living in other than
*V        23 .Foster son                     *       one person household, two person
*V        24 .Natural daughter               *       household consisting of husband and
*V        25 .Stepdaughter                   *       wife or two person household consisting
*V        26 .Adopted daughter               *       of non-relative
*V        27 .Foster daughter                *
*V        28 .Unknown male child type        *   D TM9460      2    155
*V        29 .Unknown female child type      *       Relationship in the household
*V           .Sibling:                       *   U Reference persons living in other than
*V        30 .Full brother                   *       one person household, two person
*V        31 .Half brother                   *       household consisting of husband and wife
*V        32 .Stepbrother                    *       or two person household consisting of
*V        33 .Adoptive brother               *       non-relative
*V        34 .Full sister                    *
*V        35 .Half sister                    *   D TM9480      3    157
*V        36 .Stepsister                     *       Person number in roster
*V        37 .Adoptive sister                *       Valid person numbers are:
*V        38 .Unknown sibling type           *       101 - 124, 180 - 199,
*V           .Grandparents:                  *       201 - 224, 280 - 299,
*V        40 .Grandfather                    *       301 - 324, 380 - 399,
*V        41 .Grandmother                    *       401 - 424, 480 - 499
*V           .Grandchild:                    *   U Reference persons living in other than
*V        42 .Grandson                       *       one person household, two person
*V        43 .Granddaughter                  *       household consisting of husband and wife
*V           .Uncle/aunt:                    *       or two person household consisting of
*V        44 .Uncle                          *       non-relative
*V        45 .Aunt                           *   V        0 .Not in universe
*V           .Nephew/niece:                  *
*V        46 .Nephew                         *   *********************************************
*V        47 .Niece                          *   *COMMENT                                    *
*V           .In-laws:                       *   *    The next fields (TM9482 thru TM9492)   *
*V        50 .Father-in-law                  *   *    are relationships in the household.     *
*V        51 .Mother-in-law                  *   *V           .Spouse:                        *
*V        52 .Son-in-law                     *   *V        01 .Husband                        *
*V        53 .Daughter-in-law                *   *V        02 .Wife                           *
*V        54 .Brother-in-law                 *   *V           .Parent:                        *
*V        55 .Sister-in-law                  *   *V        10 .Natural father(biological)     *
*V           .Other relative:                *   *V        11 .Stepfather                     *
*V        60 .Cousin,etc.                    *   *V        12 .Adoptive father                *
*V           .Nonrelative:                   *   *V        13 .Foster father                  *
*V        70 .Not related                    *   *V        14 .Natural mother                 *
*V        88 .Member of column with no       *   *V        15 .Stepmother                     *
*V           .responses                      *   *V        16 .Adoptive mother                *
*V        98 .Not found                      *   *V        17 .Foster mother                  *
*V        99 .No response                    *   *V        18 .Unknown male parent type       *
*********************************************       *V        19 .Unknown female parent type     *
                                                   *V           .Child:                         *
D TM9452      2    147                              *V        20 .Natural son                    *
    Relationship in the household                   *V        21 .Stepson                        *
```

DATA	SIZE	BEGIN

*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 TM9482   2   160
    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   162
    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   164
    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   166
    Relationship in the household

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 TM9490   2   168
    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   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 TM9510   3   172
    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   *

DATA   SIZE BEGIN   DATA   SIZE BEGIN

```
*V      37 .Adoptive sister        *      U Reference persons living in other than
*V      38 .Unknown sibling type   *        one person household, two person
*V         .Grandparents:          *        household consisting of husband and wife
*V      40 .Grandfather            *        or two person household consisting of
*V      41 .Grandmother            *        non-relative
*V         .Grandchild:            *
*V      42 .Grandson               *      D TM9524     2    187
*V      43 .Granddaughter          *          Relationship in the household
*V         .Uncle/aunt:            *      U Reference persons living in other than
*V      44 .Uncle                  *        one person household, two person
*V      45 .Aunt                   *        household consisting of husband and wife
*V         .Nephew/niece:          *        or two person household consisting of
*V      46 .Nephew                 *        non-relative
*V      47 .Niece                  *
*V         .In-laws:               *      D TM9540     3    189
*V      50 .Father-in-law          *          Person number in roster
*V      51 .Mother-in-law          *          Valid person numbers are:
*V      52 .Son-in-law             *          101 - 124, 180 - 199,
*V      53 .Daughter-in-law        *          201 - 224, 280 - 299,
*V      54 .Brother-in-law         *          301 - 324, 380 - 399,
*V      55 .Sister-in-law          *          401 - 424, 480 - 499
*V         .Other relative:        *      U Reference persons living in other than
*V      60 .Cousin,etc.            *        one person household, two person
*V         .Nonrelative:           *        household consisting of husband and wife
*V      70 .Not related            *        or two person household consisting of
*V      88 .Member of column with no *      non-relative
*V         .responses              *      V        0 .Not in universe
*V      98 .Not found              *
*V      99 .No response            *      *********************************************
********************************************  *COMMENT                                   *
                                          *    The next fields (TM9542 thru TM9556) *
D TM9512     2    175                      *    are relationships in the household.  *
    Relationship in the household         *V           .Spouse:                     *
U Reference persons living in other than   *V        01 .Husband                     *
  one person household, two person         *V        02 .Wife                        *
  household consisting of husband and wife *V           .Parent:                     *
  or two person household consisting of    *V        10 .Natural father(biological)  *
  non-relative                             *V        11 .Stepfather                  *
                                          *V        12 .Adoptive father             *
D TM9514     2    177                      *V        13 .Foster father               *
    Relationship in the household         *V        14 .Natural mother              *
U Reference persons living in other than   *V        15 .Stepmother                  *
  one person household, two person         *V        16 .Adoptive mother             *
  household consisting of husband and wife *V        17 .Foster mother               *
  or two person household consisting of    *V        18 .Unknown male parent type    *
  non-relative                             *V        19 .Unknown female parent type  *
                                          *V           .Child:                      *
D TM9516     2    179                      *V        20 .Natural son                 *
    Relationship in the household         *V        21 .Stepson                     *
U Reference persons living in other than   *V        22 .Adopted son                 *
  one person household, two person         *V        23 .Foster son                  *
  household consisting of husband and wife *V        24 .Natural daughter            *
  or two person household consisting of    *V        25 .Stepdaughter                *
  non-relative                             *V        26 .Adopted daughter            *
                                          *V        27 .Foster daughter             *
D TM9518     2    181                      *V        28 .Unknown male child type     *
    Relationship in the household         *V        29 .Unknown female child type   *
U Reference persons living in other than   *V           .Sibling:                    *
  one person household, two person         *V        30 .Full brother                *
  household consisting of husband and wife *V        31 .Half brother                *
  or two person household consisting of    *V        32 .Stepbrother                 *
  non-relative                             *V        33 .Adoptive brother            *
                                          *V        34 .Full sister                 *
D TM9520     2    183                      *V        35 .Half sister                 *
    Relationship in the household         *V        36 .Stepsister                  *
U Reference persons living in other than   *V        37 .Adoptive sister             *
  one person household, two person         *V        38 .Unknown sibling type        *
  household consisting of husband and wife *V           .Grandparents:               *
  or two person household consisting of    *V        40 .Grandfather                 *
  non-relative                             *V        41 .Grandmother                 *
                                          *V           .Grandchild:                 *
D TM9522     2    185                      *V        42 .Grandson                    *
    Relationship in the household         *V        43 .Granddaughter               *
```

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DATA        SIZE  BEGIN                          DATA        SIZE  BEGIN

*V           .Uncle/aunt:              *         U Reference persons living in other than
*V      44 .Uncle                      *           one person household, two person
*V      45 .Aunt                       *           household consisting of husband and wife
*V           .Nephew/niece:            *           or two person household consisting of
*V      46 .Nephew                     *           non-relative
*V      47 .Niece                      *
*V           .In-laws:                 *         D TM9556      2   206
*V      50 .Father-in-law             *               Relationship in the household
*V      51 .Mother-in-law             *         U Reference persons living in other than
*V      52 .Son-in-law                *           one person household, two person
*V      53 .Daughter-in-law           *           household consisting of husband and wife
*V      54 .Brother-in-law            *           or two person household consisting of
*V      55 .Sister-in-law             *           non-relative
*V           .Other relative:          *
*V      60 .Cousin,etc.                *         D TM9570      3   208
*V           .Nonrelative:             *               Person number
*V      70 .Not related                *               Valid person numbers are:
*V      88 .Member of column with no   *               101 - 124, 180 - 199,
*V           .responses                *               201 - 224, 280 - 299,
*V      98 .Not found                  *               301 - 324, 380 - 399,
*V      99 .No response                *               401 - 424, 480 - 499
********************************************       U Reference persons living in other than
                                                   one person household, two person
D TM9542      2   192                               household consisting of husband and wife
      Relationship in the household                 or two person household consisting of
U Reference persons living in other than            non-relative
  one person household, two person               V        0 .Not in universe
  household consisting of husband and wife
  or two person household consisting of         ********************************************
  non-relative                                  *COMMENT                                   *
                                                *    The next fields (TM9572 thru TM9588) *
D TM9544      2   194                            *    are relationships in the household.  *
      Relationship in the household              *V           .Spouse:                     *
U Reference persons living in other than         *V      01 .Husband                       *
  one person household, two person               *V      02 .Wife                          *
  household consisting of husband and wife       *V           .Parent:                      *
  or two person household consisting of          *V      10 .Natural father(biological)    *
  non-relative                                   *V      11 .Stepfather                     *
                                                *V      12 .Adoptive father                *
D TM9546      2   196                            *V      13 .Foster father                 *
      Relationship in the household              *V      14 .Natural mother                *
U Reference persons living in other than         *V      15 .Stepmother                    *
  one person household, two person               *V      16 .Adoptive mother               *
  household consisting of husband and wife       *V      17 .Foster mother                 *
  or two person household consisting of          *V      18 .Unknown male parent type      *
  non-relative                                   *V      19 .Unknown female parent type    *
                                                *V           .Child:                       *
D TM9548      2   198                            *V      20 .Natural son                    *
      Relationship in the household              *V      21 .Stepson                        *
U Reference persons living in other than         *V      22 .Adopted son                    *
  one person household, two person               *V      23 .Foster son                     *
  household consisting of husband and wife       *V      24 .Natural daughter               *
  or two person household consisting of          *V      25 .Stepdaughter                   *
  non-relative                                   *V      26 .Adopted daughter               *
                                                *V      27 .Foster daughter                *
D TM9550      2   200                            *V      28 .Unknown male child type        *
      Relationship in the household              *V      29 .Unknown female child type      *
U Reference persons living in other than         *V           .Sibling:                     *
  one person household, two person               *V      30 .Full brother                   *
  household consisting of husband and wife       *V      31 .Half brother                   *
  or two person household consisting of          *V      32 .Stepbrother                    *
  non-relative                                   *V      33 .Adoptive brother               *
                                                *V      34 .Full sister                    *
D TM9552      2   202                            *V      35 .Half sister                    *
      Relationship in the household              *V      36 .Stepsister                     *
U Reference persons living in other than         *V      37 .Adoptive sister                *
  one person household, two person               *V      38 .Unknown sibling type           *
  household consisting of husband and wife       *V           .Grandparents:                *
  or two person household consisting of          *V      40 .Grandfather                    *
  non-relative                                   *V      41 .Grandmother                    *
                                                *V           .Grandchild:                   *
D TM9554      2   204                            *V      42 .Grandson                       *
      Relationship in the household              *V      43 .Granddaughter                  *
```

```
DATA        SIZE  BEGIN                          DATA        SIZE  BEGIN

*V           .Uncle/aunt:              *         U Reference persons living in other than
*V        44 .Uncle                    *           one person household, two person
*V        45 .Aunt                     *           household consisting of husband and wife
*V           .Nephew/niece:            *           or two person household consisting of
*V        46 .Nephew                   *           non-relative
*V        47 .Niece                    *
*V           .In-laws:                 *         D TM9586     2    225
*V        50 .Father-in-law            *              Relationship in the household
*V        51 .Mother-in-law            *         U Reference persons living in other than
*V        52 .Son-in-law               *           one person household, two person
*V        53 .Daughter-in-law          *           household consisting of husband and wife
*V        54 .Brother-in-law           *           or two person household consisting of
*V        55 .Sister-in-law            *           non-relative
*V           .Other relative:          *
*V        60 .Cousin,etc.              *         D TM9588     2    227
*V           .Nonrelative:             *              Relationship in the household
*V        70 .Not related              *         U Reference persons living in other than
*V        88 .Member of column with no *           one person household, two person
*V           .responses                *           household consisting of husband and wife
*V        98 .Not found                *           or two person household consisting of
*V        99 .No response              *           non-relative
*******************************************
                                                D TM9600     3    229
D TM9572     2    211                                 Person number
     Relationship in the household                    Valid person numbers are:
U Reference persons living in other than              101 - 124, 180 - 199,
  one person household, two person                    201 - 224, 280 - 299,
  household consisting of husband and wife            301 - 324, 380 - 399,
  or two person household consisting of               400 - 424, 480 - 999
  non-relative                                   U Reference persons living in other than
                                                  one person household, two person
D TM9574     2    213                              household consisting of husband and wife
     Relationship in the household                or two person household consisting of
U Reference persons living in other than          non-relative
  one person household, two person              V         0 .Not in universe
  household consisting of husband and wife
  or two person household consisting of         *******************************************
  non-relative                                  *COMMENT                                   *
                                                *     The next fields (TM9602 thru TM9620) *
D TM9576     2    215                            *     are relationships in the household.   *
     Relationship in the household              *V           .Spouse:                  *
U Reference persons living in other than        *V        01 .Husband                  *
  one person household, two person              *V        02 .Wife                     *
  household consisting of husband and wife      *V           .Parent:                  *
  or two person household consisting of         *V        10 .Natural father(biological) *
  non-relative                                  *V        11 .Stepfather               *
                                                *V        12 .Adoptive father          *
D TM9578     2    217                            *V        13 .Foster father            *
     Relationship in the household              *V        14 .Natural mother            *
U Reference persons living in other than        *V        15 .Stepmother               *
  one person household, two person              *V        16 .Adoptive mother          *
  household consisting of husband and wife      *V        17 .Foster mother            *
  or two person household consisting of         *V        18 .Unknown male parent type *
  non-relative                                  *V        19 .Unknown female parent type *
                                                *V           .Child:                   *
D TM9580     2    219                            *V        20 .Natural son              *
     Relationship in the household              *V        21 .Stepson                  *
U Reference persons living in other than        *V        22 .Adopted son              *
  one person household, two person              *V        23 .Foster son               *
  household consisting of husband and wife      *V        24 .Natural daughter         *
  or two person household consisting of         *V        25 .Stepdaughter             *
  non-relative                                  *V        26 .Adopted daughter         *
                                                *V        27 .Foster daughter          *
D TM9582     2    221                            *V        28 .Unknown male child type  *
     Relationship in the household              *V        29 .Unknown female child type *
U Reference persons living in other than        *V           .Sibling:                 *
  one person household, two person              *V        30 .Full brother             *
  household consisting of husband and wife      *V        31 .Half brother             *
  or two person household consisting of         *V        32 .Stepbrother              *
  non-relative                                  *V        33 .Adoptive brother         *
                                                *V        34 .Full sister              *
D TM9584     2    223                            *V        35 .Half sister              *
     Relationship in the household              *V        36 .Stepsister               *
```

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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 TM9602    2    232
     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    234
     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    236
     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    238
     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    240
     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    242
     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    244
     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    246
     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 TM9618    2    248
     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    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 TM9630    3    252
     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                      *
```

DATA		SIZE	BEGIN

```
*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 TM9632   2   255
    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   257
    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   259
    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   261
    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   263
    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   265
    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 TM9644   2   267
    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   269
    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   271
    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   273
    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   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 TM9660   3   277
    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

DATA   SIZE BEGIN   DATA   SIZE BEGIN

```
  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                *
*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    280
     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    282
     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    284
     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 TM9668    2    286
     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    288
     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    290
     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    292
     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    294
     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    296
     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    298
     Relationship in the household
U Reference persons living in other than
```

DATA   SIZE BEGIN   DATA   SIZE BEGIN

  one person household, two person   *V   38 .Unknown sibling type   *
  household consisting of husband and wife   *V   .Grandparents: *
  or two person household consisting of   *V   40 .Grandfather   *
  non-relative   *V   41 .Grandmother   *
                                                      *V   .Grandchild: *
D TM9682   2   300   *V   42 .Grandson   *
     Relationship in the household   *V   43 .Granddaughter   *
U Reference persons living in other than   *V   .Uncle/aunt: *
  one person household, two person   *V   44 .Uncle   *
  household consisting of husband and wife   *V   45 .Aunt   *
  or two person household consisting of   *V   .Nephew/niece: *
  non-relative   *V   46 .Nephew   *
                                                      *V   47 .Niece   *
D TM9684   2   302   *V   .In-laws: *
     Relationship in the household   *V   50 .Father-in-law   *
U Reference persons living in other than   *V   51 .Mother-in-law   *
  one person household, two person   *V   52 .Son-in-law   *
  household consisting of husband and wife   *V   53 .Daughter-in-law   *
  or two person household consisting of   *V   54 .Brother-in-law   *
  non-relative   *V   55 .Sister-in-law   *
                                                      *V   .Other relative: *
D TM9690   3   304   *V   60 .Cousin,etc.   *
     Person number   *V   .Nonrelative: *
     Valid person numbers are: *V   70 .Not related   *
     101 - 124, 180 - 199,   *V   88 .Member of column with no *
     201 - 224, 280 - 299,   *V   .responses   *
     301 - 324, 380 - 399,   *V   98 .Not found   *
     401 - 424, 480 - 499   *V   99 .No response   *
U Reference persons living in other than   ***
  one person household, two person
  household consisting of husband and wife   D TM9692   2   307
  or two person household consisting of   Relationship in the household
  non-relative   U Reference persons living in other than
V   0 .Not in universe   one person household, two person
                                                        household consisting of husband and wife
***   or two person household consisting of
*COMMENT   *   non-relative
*   The next fields (TM9692 thru TM9716) *
*   are relationships in the household.   *   D TM9694   2   309
*V   .Spouse: *   Relationship in the household
*V   01 .Husband   *   U Reference persons 15 years of age or
*V   02 .Wife   *   older living in other than one person
*V   .Parent: *   household, two person household consisting
*V   10 .Natural father(biological)   *   of husband and wife or two person house-
*V   11 .Stepfather   *   hold consisting of non-relative
*V   12 .Adoptive father   *
*V   13 .Foster father   *   D TM9696   2   311
*V   14 .Natural mother   *   Relationship in the household
*V   15 .Stepmother   *   U Reference persons living in other than
*V   16 .Adoptive mother   *   one person household, two person
*V   17 .Foster mother   *   household consisting of husband and wife
*V   18 .Unknown male parent type   *   or two person household consisting of
*V   19 .Unknown female parent type   *   non-relative
*V   .Child: *
*V   20 .Natural son   *   D TM9698   2   313
*V   21 .Stepson   *   Relationship in the household
*V   22 .Adopted son   *   U Reference persons 15 years of age or
*V   23 .Foster son   *   older living in other than one person
*V   24 .Natural daughter   *   household, two person household consisting
*V   25 .Stepdaughter   *   of husband and wife or two person house-
*V   26 .Adopted daughter   *   hold consisting of non-relative
*V   27 .Foster daughter   *
*V   28 .Unknown male child type   *   D TM9700   2   315
*V   29 .Unknown female child type   *   Relationship in the household
*V   .Sibling: *   U Reference persons living in other than
*V   30 .Full brother   *   one person household, two person
*V   31 .Half brother   *   household consisting of husband and wife
*V   32 .Stepbrother   *   or two person household consisting of
*V   33 .Adoptive brother   *   non-relative
*V   34 .Full sister   *
*V   35 .Half sister   *   D TM9702   2   317
*V   36 .Stepsister   *   Relationship in the household
*V   37 .Adoptive sister   *   U Reference persons living in other than

DATA   SIZE BEGIN   DATA   SIZE BEGIN

  one person household, two person   V   2 .Two person hh consisting of
  household consisting of husband and wife   V   .husband and wife - skip to
  or two person household consisting of   V   .SC5000
  non-relative   V   3 .Two person hh consisting of
                                                  V   .non-relatives - skip to SC5000
D TM9704   2   319   V   4 .Other
    Relationship in the household
U Reference persons living in other than   ***
  one person household, two person   *COMMENT   *
  household consisting of husband and wife   *   The following fields (U-TM9272 -   *
  or two person household consisting of   *   U-TM9298) are the person number of   *
  non-relative   *   the persons living in the household   *
                                                  *   (listed horizontally)   *
D TM9706   2   321   *   Valid person numbers are: *
    Relationship in the household   *   101 - 124, 180 - 199,   *
U Reference persons living in other than   *   201 - 224, 280 - 299,   *
  one person household, two person   *   301 - 324, 380 - 399,   *
  household consisting of husband and wife   *   401 - 424, 480 - 499   *
  or two person household consisting of   *V   0 .Not in universe   *
  non-relative   *   What is the exact relationship of   *
                                                  *   (person listed in roster) to   *
D TM9708   2   323   *   (person listed A - N)?   *
    Relationship in the household   ***
U Reference persons living in other than
  one person household, two person   D U-TM9272   3   334
  household consisting of husband and wife   Person number for A
  or two person household consisting of   U Reference persons living in other than one
  non-relative   person household, two person household
                                                   consisting of husband and wife or two
D TM9710   2   325   person household consisting of non-relative
    Relationship in the household
U Reference persons living in other than   D U-TM9274   3   337
  one person household, two person   Person number for B
  household consisting of husband and wife   U Reference persons living in other than one
  or two person household consisting of   person household, two person household
  non-relative   consisting of husband and wife or two
                                                   person household consisting of non-relative
D TM9712   2   327
    Relationship in the household   D U-TM9276   3   340
U Reference persons living in other than   Person number for C
  one person household, two person   U Reference persons living in other than one
  household consisting of husband and wife   person household, two person household
  or two person household consisting of   consisting of husband and wife or two
  non-relative   person household consisting of non-relative

D TM9714   2   329   D U-TM9278   3   343
    Relationship in the household   Person number for D
U Reference persons living in other than   U Reference persons living in other than one
  one person household, two person   person household, two person household
  household consisting of husband and wife   consisting of husband and wife or two
  or two person household consisting of   person household consisting of non-relative
  non-relative
                                                 D U-TM9280   3   346
D TM9716   2   331   Person number for E
    Relationship in the household   U Reference persons living in other than one
U Reference persons living in other than   person household, two person household
  one person household, two person   consisting of husband and wife or two
  household consisting of husband and wife   person household consisting of non-relative
  or two person household consisting of
  non-relative   D U-TM9282   3   349
                                                     Person number for F
***   U Reference persons living in other than one
* Part I: Household Relationships   *   person household, two person household
*   Unedited Version   *   consisting of husband and wife or two
***   person household consisting of non-relative

D U-TM9266   1   333   D U-TM9284   3   352
    Check item T51   Person number for G
    What is the composition of this   U Reference persons living in other than one
    household ?   person household, two person household
U Persons 15 years of age or older   consisting of husband and wife or two
V   0 .Not in universe   person household consisting of non-relative
V   1 .One person hh - skip to SC5000

```
DATA        SIZE BEGIN                          DATA        SIZE BEGIN

D U-TM9286   3    355                           D U-TM9330   3    379
    Person number for H                             Person number in roster
U Reference persons living in other than one         Valid person numbers are:
  person household, two person household             101 - 124, 180 - 199,
  consisting of husband and wife or two              201 - 224, 280 - 299,
  person household consisting of non-relative        301 - 324, 380 - 399,
                                                     401 - 424, 480 - 499
D U-TM9288   3    358                            U Reference persons living in other than one
    Person number for I                            person household, two person household
U Reference persons living in other than one       consisting of husband and wife or two
  person household, two person household           person household consisting of non-relative
  consisting of husband and wife or two          V        0 .Not in universe
  person household consisting of non-relative
                                                 D U-TM9332   2    382
D U-TM9290   3    361                                Relationship
    Person number for J                          U Reference persons living in other than one
U Reference persons living in other than one       person household, two person household
  person household, two person household           consisting of husband and wife or two
  consisting of husband and wife or two            person household consisting of non-relative
  person household consisting of non-relative    V          .Spouse:
                                                 V        01 .Husband
D U-TM9292   3    364                            V        02 .Wife
    Person number for K                          V          .Parent:
U Reference persons living in other than one     V        10 .Natural father(biological)
  person household, two person household         V        11 .Stepfather
  consisting of husband and wife or two          V        12 .Adoptive father
  person household consisting of non-relative    V        13 .Foster father
                                                 V        14 .Natural mother
D U-TM9294   3    367                            V        15 .Stepmother
    Person number for L                          V        16 .Adoptive mother
U Reference persons living in other than one     V        17 .Foster mother
  person household, two person household         V        18 .Unknown male parent type
  consisting of husband and wife or two          V        19 .Unknown female parent type
  person household consisting of non-relative    V          .Child:
                                                 V        20 .Natural son
D U-TM9296   3    370                            V        21 .Stepson
    Person number for M                          V        22 .Adopted son
U Reference persons living in other than one     V        23 .Foster son
  person household, two person household         V        24 .Natural daughter
  consisting of husband and wife or two          V        25 .Stepdaughter
  person household consisting of non-relative    V        26 .Adopted daughter
                                                 V        27 .Foster daughter
D U-TM9298   3    373                            V        28 .Unknown male child type
    Person number for N                          V        29 .Unknown female child type
U Reference persons living in other than one     V          .Sibling:
  person household, two person household         V        30 .Full brother
  consisting of husband and wife or two          V        31 .Half brother
  person household consisting of non-relative    V        32 .Stepbrother
                                                 V        33 .Adoptive brother
*********************************************     V        34 .Full sister
*COMMENT                                    *    V        35 .Half sister
*    The next  fields (U-TM9300 -          *    V        36 .Stepsister
*    U-TM9716) are possible answers        *    V        37 .Adoptive sister
*    to the question:                      *    V        38 .Unknown sibling type
*    What is the exact relationship of     *    V          .Grandparents:
*    (person listed in roster Õlisted      *    V        40 .Grandfather
*    verticallyå ) to (person listed       *    V        41 .Grandmother
*    A - N Õlisted horizontallyå )?        *    V          .Grandchild:
*    Roster:                               *    V        42 .Grandson
*********************************************     V        43 .Granddaughter
                                                 V          .Uncle/aunt:
D U-TM9300   3    376                            V        44 .Uncle
    Person listed in roster                      V        45 .Aunt
    Valid person numbers are:                    V          .Nephew/niece:
    101 - 124, 180 - 199,                        V        46 .Nephew
    201 - 224, 280 - 299,                        V        47 .Niece
    301 - 324, 380 - 399,                        V          .In-laws:
    401 - 424, 480 - 499                         V        50 .Father-in-law
U Reference persons living in other than one     V        51 .Mother-in-law
  person household, two person household         V        52 .Son-in-law
  consisting of husband and wife or two          V        53 .Daughter-in-law
  person household consisting of non-relative    V        54 .Brother-in-law
V        0 .Not in universe
```

DATA	SIZE	BEGIN		DATA	SIZE	BEGIN

```
V         55 .Sister-in-law                 *V         47 .Niece                        *
V            .Other relative:               *V            .In-laws:                     *
V         60 .Cousin,etc.                   *V         50 .Father-in-law                *
V            .Nonrelative:                  *V         51 .Mother-in-law                *
V         70 .Not related                   *V         52 .Son-in-law                   *
V         88 .Member of column with no      *V         53 .Daughter-in-law              *
V            .responses                     *V         54 .Brother-in-law               *
V         98 .Not found                     *V         55 .Sister-in-law                *
V         99 .No response                   *V            .Other relative:              *
                                            *V         60 .Cousin,etc.                  *
D U-TM9360    3    384                       *V            .Nonrelative:                 *
     Person number in roster                *V         70 .Not related                  *
     Valid person numbers are:              *V         88 .Member of column with no     *
     101 - 124, 180 - 199,                  *V            .responses                    *
     201 - 224, 280 - 299,                  *V         98 .Not found                    *
     301 - 324, 380 - 399,                  *V         99 .No response                  *
     401 - 424, 480 - 499                   *********************************************
U Reference persons living in other than one
  person household, two person household    D U-TM9362    2    387
  consisting of husband and wife or two          Relationship in the household
  person household consisting of non-relative U Reference persons living in other than one
V        0 .Not in universe                   person household, two person household
                                              consisting of husband and wife or two
*********************************************  person household consisting of non-relative
*COMMENT                                  *
*   The next fields(U-TM9362 thru U-TM9364)* D U-TM9364    2    389
*   are relationships in the household.   *      Relationship in the household
*V           .Spouse:                     * U Reference persons living in other than one
*V        01 .Husband                     *   person household, two person household
*V        02 .Wife                        *   consisting of husband and wife or two
*V           .Parent:                     *   person household consisting of non-relative
*V        10 .Natural father(biological)  *
*V        11 .Stepfather                  * D U-TM9390    3    391
*V        12 .Adoptive father             *      Person number in roster
*V        13 .Foster father               *      Valid person numbers are:
*V        14 .Natural mother              *      101 - 124, 180 - 199,
*V        15 .Stepmother                  *      201 - 224, 280 - 299,
*V        16 .Adoptive mother             *      301 - 324, 380 - 399,
*V        17 .Foster mother               *      401 - 424, 480 - 499
*V        18 .Unknown male parent type    * U Reference persons living in other than one
*V        19 .Unknown female parent type  *   person household, two person household
*V           .Child:                      *   consisting of husband and wife or two
*V        20 .Natural son                 *   person household consisting of non-relative
*V        21 .Stepson                     * V        0 .Not in universe
*V        22 .Adopted son                 *
*V        23 .Foster son                  * *********************************************
*V        24 .Natural daughter            * *COMMENT                                  *
*V        25 .Stepdaughter                * *   The next fields(U-TM9392 thru U-TM9396)*
*V        26 .Adopted daughter            * *   are relationships in the household.   *
*V        27 .Foster daughter             * *   Relationship                          *
*V        28 .Unknown male child type     * *V           .Spouse:                     *
*V        29 .Unknown female child type   * *V        01 .Husband                     *
*V           .Sibling:                    * *V        02 .Wife                        *
*V        30 .Full brother                * *V           .Parent:                     *
*V        31 .Half brother                * *V        10 .Natural father(biological)  *
*V        32 .Stepbrother                 * *V        11 .Stepfather                  *
*V        33 .Adoptive brother            * *V        12 .Adoptive father             *
*V        34 .Full sister                 * *V        13 .Foster father               *
*V        35 .Half sister                 * *V        14 .Natural mother              *
*V        36 .Stepsister                  * *V        15 .Stepmother                  *
*V        37 .Adoptive sister             * *V        16 .Adoptive mother             *
*V        38 .Unknown sibling type        * *V        17 .Foster mother               *
*V           .Grandparents:               * *V        18 .Unknown male parent type    *
*V        40 .Grandfather                 * *V        19 .Unknown female parent type  *
*V        41 .Grandmother                 * *V           .Child:                      *
*V           .Grandchild:                 * *V        20 .Natural son                 *
*V        42 .Grandson                    * *V        21 .Stepson                     *
*V        43 .Granddaughter               * *V        22 .Adopted son                 *
*V           .Uncle/aunt:                 * *V        23 .Foster son                  *
*V        44 .Uncle                       * *V        24 .Natural daughter            *
*V        45 .Aunt                        * *V        25 .Stepdaughter                *
*V           .Nephew/niece:               * *V        26 .Adopted daughter            *
*V        46 .Nephew                      * *V        27 .Foster daughter             *
```

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DATA        SIZE  BEGIN                        DATA        SIZE  BEGIN

*V     28 .Unknown male child type    *        V      0 .Not in universe
*V     29 .Unknown female child type  *
*V        .Sibling:                   *        ********************************************
*V     30 .Full brother               *        *COMMENT                                    *
*V     31 .Half brother               *        *   The next fields(U-TM9422 thru U-TM9428)*
*V     32 .Stepbrother                *        *   are relationships in the household.     *
*V     33 .Adoptive brother           *        *V        .Spouse:                    *
*V     34 .Full sister                *        *V     01 .Husband                    *
*V     35 .Half sister                *        *V     02 .Wife                       *
*V     36 .Stepsister                 *        *V        .Parent:                    *
*V     37 .Adoptive sister            *        *V     10 .Natural father(biological) *
*V     38 .Unknown sibling type       *        *V     11 .Stepfather                 *
*V        .Grandparents:              *        *V     12 .Adoptive father            *
*V     40 .Grandfather                *        *V     13 .Foster father              *
*V     41 .Grandmother                *        *V     14 .Natural mother             *
*V        .Grandchild:                *        *V     15 .Stepmother                 *
*V     42 .Grandson                   *        *V     16 .Adoptive mother            *
*V     43 .Granddaughter              *        *V     17 .Foster mother              *
*V        .Uncle/aunt:                *        *V     18 .Unknown male parent type   *
*V     44 .Uncle                      *        *V     19 .Unknown female parent type *
*V     45 .Aunt                       *        *V        .Child:                     *
*V        .Nephew/niece:              *        *V     20 .Natural son                *
*V     46 .Nephew                     *        *V     21 .Stepson                    *
*V     47 .Niece                      *        *V     22 .Adopted son                *
*V        .In-laws:                   *        *V     23 .Foster son                 *
*V     50 .Father-in-law              *        *V     24 .Natural daughter           *
*V     51 .Mother-in-law              *        *V     25 .Stepdaughter               *
*V     52 .Son-in-law                 *        *V     26 .Adopted daughter           *
*V     53 .Daughter-in-law            *        *V     27 .Foster daughter            *
*V     54 .Brother-in-law             *        *V     28 .Unknown male child type    *
*V     55 .Sister-in-law              *        *V     29 .Unknown female child type  *
*V        .Other relative:            *        *V        .Sibling:                   *
*V     60 .Cousin,etc.                *        *V     30 .Full brother               *
*V        .Nonrelative:               *        *V     31 .Half brother               *
*V     70 .Not related                *        *V     32 .Stepbrother                *
*V     88 .Member of column with no   *        *V     33 .Adoptive brother           *
*V        .responses                  *        *V     34 .Full sister                *
*V     98 .Not found                  *        *V     35 .Half sister                *
*V     99 .No response                *        *V     36 .Stepsister                 *
********************************************    *V     37 .Adoptive sister            *
                                               *V     38 .Unknown sibling type       *
D U-TM9392   2   394                           *V        .Grandparents:              *
    Relationship in the household              *V     40 .Grandfather                *
U Reference persons living in other than one   *V     41 .Grandmother                *
  person household, two person household       *V        .Grandchild:                *
  consisting of husband and wife or two        *V     42 .Grandson                   *
  person household consisting of non-relative  *V     43 .Granddaughter              *
                                               *V        .Uncle/aunt:                *
D U-TM9394   2   396                           *V     44 .Uncle                      *
    Relationship in the household              *V     45 .Aunt                       *
U Reference persons living in other than one   *V        .Nephew/niece:              *
  person household, two person household       *V     46 .Nephew                     *
  consisting of husband and wife or two        *V     47 .Niece                      *
  person household consisting of non-relative  *V        .In-laws:                   *
                                               *V     50 .Father-in-law              *
D U-TM9396   2   398                           *V     51 .Mother-in-law              *
    Relationship in the household              *V     52 .Son-in-law                 *
U Reference persons living in other than one   *V     53 .Daughter-in-law            *
  person household, two person household       *V     54 .Brother-in-law             *
  consisting of husband and wife or two        *V     55 .Sister-in-law              *
  person household consisting of non-relative  *V        .Other relative:            *
                                               *V     60 .Cousin,etc.                *
D U-TM9420   3   400                           *V        .Nonrelative:               *
    Person number in roster                    *V     70 .Not related                *
    Valid person numbers are:                  *V     88 .Member of column with no   *
    101 - 124, 180 - 199,                      *V        .responses                  *
    201 - 224, 280 - 299,                      *V     98 .Not found                  *
    301 - 324, 380 - 399,                      *V     99 .No response                *
    401 - 424, 480 - 499                       ********************************************
U Reference persons living in other than one
  person household, two person household       D U-TM9422   2   403
  consisting of husband and wife or two            Relationship in the household
  person household consisting of non-relative  U Reference persons living in other than one
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DATA   SIZE BEGIN   DATA   SIZE BEGIN

  person household, two person household   *V   35 .Half sister   *
  consisting of husband and wife or two   *V   36 .Stepsister   *
  person household consisting of non-relative   *V   37 .Adoptive sister   *
                                                          *V   38 .Unknown sibling type   *
D U-TM9424   2   405   *V   .Grandparents: *
    Relationship in the household   *V   40 .Grandfather   *
U Reference persons living in other than one   *V   41 .Grandmother   *
  person household, two person household   *V   .Grandchild: *
  consisting of husband and wife or two   *V   42 .Grandson   *
  person household consisting of non-relative   *V   43 .Granddaughter   *
                                                          *V   .Uncle/aunt: *
D U-TM9426   2   407   *V   44 .Uncle   *
    Relationship in the household   *V   45 .Aunt   *
U Reference persons living in other than one   *V   .Nephew/niece: *
  person household, two person household   *V   46 .Nephew   *
  consisting of husband and wife or two   *V   47 .Niece   *
  person household consisting of non-relative   *V   .In-laws: *
                                                          *V   50 .Father-in-law   *
D U-TM9428   2   409   *V   51 .Mother-in-law   *
    Relationship in the household   *V   52 .Son-in-law   *
U Reference persons living in other than one   *V   53 .Daughter-in-law   *
  person household, two person household   *V   54 .Brother-in-law   *
  consisting of husband and wife or two   *V   55 .Sister-in-law   *
  person household consisting of non-relative   *V   .Other relative: *
                                                          *V   60 .Cousin,etc.   *
D U-TM9450   3   411   *V   .Nonrelative: *
    Person number in roster   *V   70 .Not related   *
    Valid person numbers are: *V   88 .Member of column with no *
    101 - 124, 180 - 199,   *V   .responses   *
    201 - 224, 280 - 299,   *V   98 .Not found   *
    301 - 324, 380 - 399,   *V   99 .No response   *
    401 - 424, 480 - 499   ***
U Reference persons living in other than one
  person household, two person household   D U-TM9452   2   414
  consisting of husband and wife or two   Relationship in the household
  person household consisting of non-relative   U Reference persons living in other than one
V   0 .Not in universe   person household, two person household
                                                            consisting of husband and wife or two
***   person household consisting of non-relative
*COMMENT   *
*   The next fields(U-TM9452 thru U-TM9460)*   D U-TM9454   2   416
*   are relationships in the household.   *   Relationship in the household
*V   .Spouse: *   U Reference persons living in other than one
*V   01 .Husband   *   person household, two person household
*V   02 .Wife   *   consisting of husband and wife or two
*V   .Parent: *   person household consisting of non-relative
*V   10 .Natural father(biological)   *
*V   11 .Stepfather   *   D U-TM9456   2   418
*V   12 .Adoptive father   *   Relationship in the household
*V   13 .Foster father   *   U Reference persons living in other than one
*V   14 .Natural mother   *   person household, two person household
*V   15 .Stepmother   *   consisting of husband and wife or two
*V   16 .Adoptive mother   *   person household consisting of non-relative
*V   17 .Foster mother   *
*V   18 .Unknown male parent type   *   D U-TM9458   2   420
*V   19 .Unknown female parent type   *   Relationship in the household
*V   .Child: *   U Reference persons living in other than one
*V   20 .Natural son   *   person household, two person household
*V   21 .Stepson   *   consisting of husband and wife or two
*V   22 .Adopted son   *   person household consisting of non-relative
*V   23 .Foster son   *
*V   24 .Natural daughter   *   D U-TM9460   2   422
*V   25 .Stepdaughter   *   Relationship in the household
*V   26 .Adopted daughter   *   U Reference persons living in other than one
*V   27 .Foster daughter   *   person household, two person household
*V   28 .Unknown male child type   *   consisting of husband and wife or two
*V   29 .Unknown female child type   *   person household consisting of non-relative
*V   .Sibling: *
*V   30 .Full brother   *   D U-TM9480   3   424
*V   31 .Half brother   *   Person number in roster
*V   32 .Stepbrother   *   Valid person numbers are:
*V   33 .Adoptive brother   *   101 - 124, 180 - 199,
*V   34 .Full sister   *   201 - 224, 280 - 299,

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DATA        SIZE  BEGIN                              DATA        SIZE  BEGIN

    301 - 324, 380 - 399,                            *V      99 .No response                    *
    401 - 424, 480 - 499                             *******************************************
U Reference persons living in other than one
  person household, two person household           D U-TM9482    2    427
  consisting of husband and wife or two                Relationship in the household
  person household consisting of non-relative      U Reference persons living in other than one
V       0 .Not in universe                            person household, two person household
                                                      consisting of husband and wife or two
                                                      person household consisting of non-relative
*******************************************
*COMMENT                                    *      D U-TM9484    2    429
*  The next fields(U-TM9482 thru U-TM9492)*            Relationship in the household
*  are relationships in the household.      *      U Reference persons living in other than one
*V           .Spouse:                       *        person household, two person household
*V        01 .Husband                       *        consisting of husband and wife or two
*V        02 .Wife                          *        person household consisting of non-relative
*V           .Parent:                       *
*V        10 .Natural father(biological)    *      D U-TM9486    2    431
*V        11 .Stepfather                    *            Relationship in the household
*V        12 .Adoptive father               *      U Reference persons living in other than one
*V        13 .Foster father                 *        person household, two person household
*V        14 .Natural mother                *        consisting of husband and wife or two
*V        15 .Stepmother                    *        person household consisting of non-relative
*V        16 .Adoptive mother               *
*V        17 .Foster mother                 *      D U-TM9488    2    433
*V        18 .Unknown male parent type      *            Relationship in the household
*V        19 .Unknown female parent type    *      U Reference persons living in other than one
*V           .Child:                        *        person household, two person household
*V        20 .Natural son                   *        consisting of husband and wife or two
*V        21 .Stepson                       *        person household consisting of non-relative
*V        22 .Adopted son                   *
*V        23 .Foster son                    *      D U-TM9490    2    435
*V        24 .Natural daughter              *            Relationship in the household
*V        25 .Stepdaughter                  *      U Reference persons living in other than one
*V        26 .Adopted daughter              *        person household, two person household
*V        27 .Foster daughter               *        consisting of husband and wife or two
*V        28 .Unknown male child type       *        person household consisting of non-relative
*V        29 .Unknown female child type     *
*V           .Sibling:                      *      D U-TM9492    2    437
*V        30 .Full brother                  *            Relationship in the household
*V        31 .Half brother                  *      U Reference persons living in other than one
*V        32 .Stepbrother                   *        person household, two person household
*V        33 .Adoptive brother              *        consisting of husband and wife or two
*V        34 .Full sister                   *        person household consisting of non-relative
*V        35 .Half sister                   *
*V        36 .Stepsister                    *      D U-TM9510    3    439
*V        37 .Adoptive sister               *          Person number in roster
*V        38 .Unknown sibling type          *          Valid person numbers are:
*V           .Grandparents:                 *          101 - 124, 180 - 199,
*V        40 .Grandfather                   *          201 - 224, 280 - 299,
*V        41 .Grandmother                   *          301 - 324, 380 - 399,
*V           .Grandchild:                   *          401 - 424, 480 - 499
*V        42 .Grandson                      *      U Reference persons living in other than one
*V        43 .Granddaughter                 *        person household, two person household
*V           .Uncle/aunt:                   *        consisting of husband and wife or two
*V        44 .Uncle                         *        person household consisting of non-relative
*V        45 .Aunt                          *      V       0 .Not in universe
*V           .Nephew/niece:                 *
*V        46 .Nephew                        *      *******************************************
*V        47 .Niece                         *      *COMMENT                                    *
*V           .In-laws:                      *      *  The next fields(U-TM9512 thru U-TM9524)*
*V        50 .Father-in-law                 *      *  are relationships in the household.      *
*V        51 .Mother-in-law                 *      *V           .Spouse:                       *
*V        52 .Son-in-law                    *      *V        01 .Husband                       *
*V        53 .Daughter-in-law               *      *V        02 .Wife                          *
*V        54 .Brother-in-law                *      *V           .Parent:                       *
*V        55 .Sister-in-law                 *      *V        10 .Natural father(biological)    *
*V           .Other relative:               *      *V        11 .Stepfather                    *
*V        60 .Cousin,etc.                   *      *V        12 .Adoptive father               *
*V           .Nonrelative:                  *      *V        13 .Foster father                 *
*V        70 .Not related                   *      *V        14 .Natural mother                *
*V        88 .Member of column with no      *      *V        15 .Stepmother                    *
*V           .responses                     *      *V        16 .Adoptive mother               *
*V        98 .Not found                     *
```

| DATA | SIZE | BEGIN | | DATA | SIZE | BEGIN |

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*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 U-TM9512   2   442
     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   444
     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   446
     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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```
D U-TM9518   2   448
     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   450
     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   452
     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   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-TM9540   3   456
     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                *
```

DATA	SIZE	BEGIN

```
*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-TM9542   2   459
    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   461
    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   463
    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   465
    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   467
    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-TM9552   2   469
    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   471
    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   473
    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   475
    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-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         *
```

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DATA        SIZE  BEGIN                            DATA        SIZE  BEGIN

*V           .Grandparents:            *          U Reference persons living in other than one
*V        40 .Grandfather              *            person household, two person household
*V        41 .Grandmother              *            consisting of husband and wife or two
*V           .Grandchild:              *            person household consisting of non-relative
*V        42 .Grandson                 *
*V        43 .Granddaughter            *          D U-TM9586    2    492
*V           .Uncle/aunt:              *              Relationship in the household
*V        44 .Uncle                    *          U Reference persons living in other than one
*V        45 .Aunt                     *            person household, two person household
*V           .Nephew/niece:            *            consisting of husband and wife or two
*V        46 .Nephew                   *            person household consisting of non-relative
*V        47 .Niece                    *
*V           .In-laws:                 *          D U-TM9588    2    494
*V        50 .Father-in-law            *              Relationship in the household
*V        51 .Mother-in-law            *          U Reference persons living in other than one
*V        52 .Son-in-law               *            person household, two person household
*V        53 .Daughter-in-law          *            consisting of husband and wife or two
*V        54 .Brother-in-law           *            person household consisting of non-relative
*V        55 .Sister-in-law            *
*V           .Other relative:          *          D U-TM9600    3    496
*V        60 .Cousin,etc.              *              Person number in roster
*V           .Nonrelative:             *              Valid person numbers are:
*V        70 .Not related              *              101 - 124, 180 - 199,
*V        88 .Member of column with no  *             201 - 224, 280 - 299,
*V           .responses                *              301 - 324, 380 - 399,
*V        98 .Not found                *              401 - 424, 480 - 499
*V        99 .No response              *          U Reference persons living in other than one
*********************************************        person household, two person household
                                                    consisting of husband and wife or two
D U-TM9572    2    478                               person household consisting of non-relative
    Relationship in the household                 V         0 .Not in universe
U Reference persons living in other than one
  person household, two person household          *********************************************
  consisting of husband and wife or two          *COMMENT                                   *
  person household consisting of non-relative     *    The next fields(U-TM9602 thru U-TM9620)*
                                                  *    are relationships in the household.    *
D U-TM9574    2    480                            *V           .Spouse:                  *
    Relationship in the household                 *V        01 .Husband                  *
U Reference persons living in other than one      *V        02 .Wife                     *
  person household, two person household          *V           .Parent:                  *
  consisting of husband and wife or two          *V        10 .Natural father(biological) *
  person household consisting of non-relative     *V        11 .Stepfather               *
                                                  *V        12 .Adoptive father          *
D U-TM9576    2    482                            *V        13 .Foster father            *
    Relationship in the household                 *V        14 .Natural mother           *
U Reference persons living in other than one      *V        15 .Stepmother               *
  person household, two person household          *V        16 .Adoptive mother          *
  consisting of husband and wife or two           *V        17 .Foster mother            *
  person household consisting of non-relative     *V        18 .Unknown male parent type  *
                                                  *V        19 .Unknown female parent type *
D U-TM9578    2    484                            *V           .Child:                   *
    Relationship in the household                 *V        20 .Natural son              *
U Reference persons living in other than one      *V        21 .Stepson                  *
  person household, two person household          *V        22 .Adopted son              *
  consisting of husband and wife or two           *V        23 .Foster son               *
  person household consisting of non-relative     *V        24 .Natural daughter         *
                                                  *V        25 .Stepdaughter             *
D U-TM9580    2    486                            *V        26 .Adopted daughter         *
    Relationship in the household                 *V        27 .Foster daughter          *
U Reference persons living in other than one      *V        28 .Unknown male child type   *
  person household, two person household          *V        29 .Unknown female child type *
  consisting of husband and wife or two           *V           .Sibling:                 *
  person household consisting of non-relative     *V        30 .Full brother             *
                                                  *V        31 .Half brother             *
D U-TM9582    2    488                            *V        32 .Stepbrother              *
    Relationship in the household                 *V        33 .Adoptive brother         *
U Reference persons living in other than one      *V        34 .Full sister              *
  person household, two person household          *V        35 .Half sister              *
  consisting of husband and wife or two           *V        36 .Stepsister               *
  person household consisting of non-relative     *V        37 .Adoptive sister          *
                                                  *V        38 .Unknown sibling type      *
D U-TM9584    2    490                            *V           .Grandparents:            *
    Relationship in the household                 *V        40 .Grandfather              *
```

```
DATA        SIZE  BEGIN                              DATA        SIZE  BEGIN

*V      41 .Grandmother              *                  consisting of husband and wife or two
*V         .Grandchild:              *                  person household consisting of non-relative
*V      42 .Grandson                 *
*V      43 .Granddaughter            *              D U-TM9616    2    513
*V         .Uncle/aunt:              *                  Relationship in the household
*V      44 .Uncle                    *              U Reference persons living in other than one
*V      45 .Aunt                     *                person household, two person household
*V         .Nephew/niece:            *                consisting of husband and wife or two
*V      46 .Nephew                   *                person household consisting of non-relative
*V      47 .Niece                    *
*V         .In-laws:                 *              D U-TM9618    2    515
*V      50 .Father-in-law            *                  Relationship in the household
*V      51 .Mother-in-law            *              U Reference persons living in other than one
*V      52 .Son-in-law               *                person household, two person household
*V      53 .Daughter-in-law          *                consisting of husband and wife or two
*V      54 .Brother-in-law           *                person household consisting of non-relative
*V      55 .Sister-in-law            *
*V         .Other relative:          *              D U-TM9620    2    517
*V      60 .Cousin,etc.              *                  Relationship in the household
*V         .Nonrelative:             *              U Reference persons living in other than one
*V      70 .Not related              *                person household, two person household
*V      88 .Member of column with no *                consisting of husband and wife or two
*V         .responses                *                person household consisting of non-relative
*V      98 .Not found                *
*V      99 .No response              *              D U-TM9630    3    519
*********************************************            Person number in roster
                                                        Valid person numbers are:
D U-TM9602    2    499                                  101 - 124, 180 - 199,
    Relationship in the household                       201 - 224, 280 - 299,
U Reference persons living in other than one            301 - 324, 380 - 399,
  person household, two person household                401 - 424, 480 - 499
  consisting of husband and wife or two            U Reference persons living in other than one
  person household consisting of non-relative        person household, two person household
                                                      consisting of husband and wife or two
D U-TM9604    2    501                                 person household consisting of non-relative
    Relationship in the household                  V       0 .Not in universe
U Reference persons living in other than one
  person household, two person household           *********************************************
  consisting of husband and wife or two            *COMMENT                                     *
  person household consisting of non-relative      *    The next fields(U-TM9632 thru U-TM9652)*
                                                   *    are relationships in the household.     *
D U-TM9606    2    503                              *V         .Spouse:                          *
    Relationship in the household                  *V      01 .Husband                          *
U Reference persons living in other than one       *V      02 .Wife                             *
  person household, two person household           *V         .Parent:                          *
  consisting of husband and wife or two            *V      10 .Natural father(biological)       *
  person household consisting of non-relative      *V      11 .Stepfather                       *
                                                   *V      12 .Adoptive father                  *
D U-TM9608    2    505                              *V      13 .Foster father                    *
    Relationship in the household                  *V      14 .Natural mother                    *
U Reference persons living in other than one       *V      15 .Stepmother                        *
  person household, two person household           *V      16 .Adoptive mother                  *
  consisting of husband and wife or two            *V      17 .Foster mother                     *
  person household consisting of non-relative      *V      18 .Unknown male parent type         *
                                                   *V      19 .Unknown female parent type       *
D U-TM9610    2    507                              *V         .Child:                           *
    Relationship in the household                  *V      20 .Natural son                       *
U Reference persons living in other than one       *V      21 .Stepson                           *
  person household, two person household           *V      22 .Adopted son                       *
  consisting of husband and wife or two            *V      23 .Foster son                        *
  person household consisting of non-relative      *V      24 .Natural daughter                  *
                                                   *V      25 .Stepdaughter                      *
D U-TM9612    2    509                              *V      26 .Adopted daughter                 *
    Relationship in the household                  *V      27 .Foster daughter                   *
U Reference persons living in other than one       *V      28 .Unknown male child type          *
  person household, two person household           *V      29 .Unknown female child type        *
  consisting of husband and wife or two            *V         .Sibling:                          *
  person household consisting of non-relative      *V      30 .Full brother                      *
                                                   *V      31 .Half brother                      *
D U-TM9614    2    511                              *V      32 .Stepbrother                       *
    Relationship in the household                  *V      33 .Adoptive brother                  *
U Reference persons living in other than one       *V      34 .Full sister                       *
  person household, two person household           *V      35 .Half sister                       *
```

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SIPP 1991 TOPICAL MODULE WAVE 2

DATA	SIZE	BEGIN

DATA	SIZE	BEGIN

```
*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-TM9632   2    522
     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    524
     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    526
     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    528
     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    530
     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    532
     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    534
     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    536
     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    538
     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    540
     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    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-TM9660   3    544
     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            *
```

DATA		SIZE	BEGIN

```
*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-TM9662    2    547
     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    549
     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    551
     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    553
     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    555
     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    557
     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    559
     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    561
     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    563
     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    565
     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    567
     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    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-TM9690    3    571
     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
```

SIPP 1991 TOPICAL MODULE WAVE 2

```
DATA        SIZE  BEGIN                        DATA        SIZE  BEGIN

*********************************************       person household consisting of non-relative
*COMMENT                                     *
*    The next fields(U-TM9692 thru U-TM9716)*  D U-TM9694   2    576
*    are relationships in the household.     *       Relationship in the household
*V           .Spouse:                        *  U Reference persons living in other than one
*V        01 .Husband                        *    person household, two person household
*V        02 .Wife                           *    consisting of husband and wife or two
*V           .Parent:                        *    person household consisting of non-relative
*V        10 .Natural father(biological)     *
*V        11 .Stepfather                     *  D U-TM9696   2    578
*V        12 .Adoptive father                *       Relationship in the household
*V        13 .Foster father                  *  U Reference persons living in other than one
*V        14 .Natural mother                 *    person household, two person household
*V        15 .Stepmother                     *    consisting of husband and wife or two
*V        16 .Adoptive mother                *    person household consisting of non-relative
*V        17 .Foster mother                  *
*V        18 .Unknown male parent type       *  D U-TM9698   2    580
*V        19 .Unknown female parent type     *       Relationship in the household
*V           .Child:                         *  U Reference persons living in other than one
*V        20 .Natural son                    *    person household, two person household
*V        21 .Stepson                        *    consisting of husband and wife or two
*V        22 .Adopted son                    *    person household consisting of non-relative
*V        23 .Foster son                     *
*V        24 .Natural daughter               *  D U-TM9700   2    582
*V        25 .Stepdaughter                   *       Relationship in the household
*V        26 .Adopted daughter               *  U Reference persons living in other than one
*V        27 .Foster daughter                *    person household, two person household
*V        28 .Unknown male child type        *    consisting of husband and wife or two
*V        29 .Unknown female child type      *    person household consisting of non-relative
*V           .Sibling:                       *
*V        30 .Full brother                   *  D U-TM9702   2    584
*V        31 .Half brother                   *       Relationship in the household
*V        32 .Stepbrother                    *  U Reference persons living in other than one
*V        33 .Adoptive brother               *    person household, two person household
*V        34 .Full sister                    *    consisting of husband and wife or two
*V        35 .Half sister                    *    person household consisting of non-relative
*V        36 .Stepsister                     *
*V        37 .Adoptive sister                *  D U-TM9704   2    586
*V        38 .Unknown sibling type           *       Relationship in the household
*V           .Grandparents:                  *  U Reference persons living in other than one
*V        40 .Grandfather                    *    person household, two person household
*V        41 .Grandmother                    *    consisting of husband and wife or two
*V           .Grandchild:                    *    person household consisting of non-relative
*V        42 .Grandson                       *
*V        43 .Granddaughter                  *  D U-TM9706   2    588
*V           .Uncle/aunt:                    *       Relationship in the household
*V        44 .Uncle                          *  U Reference persons living in other than one
*V        45 .Aunt                           *    person household, two person household
*V           .Nephew/niece:                  *    consisting of husband and wife or two
*V        46 .Nephew                         *    person household consisting of non-relative
*V        47 .Niece                          *
*V           .In-laws:                       *  D U-TM9708   2    590
*V        50 .Father-in-law                  *       Relationship in the household
*V        51 .Mother-in-law                  *  U Reference persons living in other than one
*V        52 .Son-in-law                     *    person household, two person household
*V        53 .Daughter-in-law                *    consisting of husband and wife or two
*V        54 .Brother-in-law                 *    person household consisting of non-relative
*V        55 .Sister-in-law                  *
*V           .Other relative:                *  D U-TM9710   2    592
*V        60 .Cousin,etc.                    *       Relationship in the household
*V           .Nonrelative:                   *  U Reference persons living in other than one
*V        70 .Not related                    *    person household, two person household
*V        88 .Member of column with no       *    consisting of husband and wife or two
*V           .responses                      *    person household consisting of non-relative
*V        98 .Not found                      *
*V        99 .No response                    *  D U-TM9712   2    594
*********************************************       Relationship in the household
                                                U Reference persons living in other than one
D U-TM9692   2    574                             person household, two person household
     Relationship in the household               consisting of husband and wife or two
U Reference persons living in other than one     person household consisting of non-relative
  person household, two person household
  consisting of husband and wife or two
```

DATA   SIZE BEGIN

D U-TM9714   2   596
      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   598
      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   600
      Imputation flag for TM9332.

D ALTM9362   1   601
      Imputation flag for TM9362

D ALTM9392   1   602
      Imputation flag for TM9392.

D ALTM9422   1   603
      Imputation flag for TM9422.

D ALTM9452   1   604
      Imputation flag for TM9452

D ALTM9482   1   605
      Imputation flag for TM9482.

D ALTM9512   1   606
      Imputation flag for TM9512.

D ALTM9542   1   607
      Imputation flag for TM9542.

D ALTM9572   1   608
      Imputation flag for TM9572.

D ALTM9602   1   609
      Imputation flag for TM9602.

D ALTM9632   1   610
      Imputation flag for TM9632.

D ALTM9662   1   611
      Imputation flag for TM9662.

D ALTM9692   1   612
      Imputation flag for TM9692.

D ALTM9364   1   613
      Imputation flag for TM9364.

D ALTM9394   1   614
      Imputation flag for TM9394.

D ALTM9424   1   615
      Imputation flag for TM9424.

D ALTM9454   1   616
      Imputation flag for TM9454.

D ALTM9484   1   617
      Imputation flag for TM9484.

DATA   SIZE BEGIN

D ALTM9514   1   618
      Imputation flag for TM9514.

D ALTM9544   1   619
      Imputation flag for TM9544.

D ALTM9574   1   620
      Imputation flag for TM9574.

D ALTM9604   1   621
      Imputation flag for TM9604.

D ALTM9634   1   622
      Imputation flag for TM9634.

D ALTM9664   1   623
      Imputation flag for TM9664.

D ALTM9694   1   624
      Imputation flag for TM9694.

D ALTM9396   1   625
      Imputation flag for TM9396.

D ALTM9426   1   626
      Imputation flag for TM9426

D ALTM9456   1   627
      Imputation flag for TM9456.

D ALTM9486   1   628
      Imputation flag for TM9486.

D ALTM9516   1   629
      Imputation flag for TM9516.

D ALTM9546   1   630
      Imputation flag for TM9546.

D ALTM9576   1   631
      Imputation flag for TM9576.

D ALTM9606   1   632
      Imputation flag for TM9606.

D ALTM9636   1   633
      Imputation flag for TM9636.

D ALTM9666   1   634
      Imputation flag for TM9666.

D ALTM9696   1   635
      Imputation flag for TM9696.

D ALTM9428   1   636
      Imputation flag for TM9428.

D ALTM9458   1   637
      Imputation flag for TM9458.

D ALTM9488   1   638
      Imputation flag for TM9488.

D ALTM9518   1   639
      Imputation flag for TM9518.

D ALTM9548   1   640
      Imputation flag for TM9548.

D ALTM9578   1   641
      Imputation flag for TM9578.

SIPP 1991 TOPICAL MODULE WAVE 2

```
DATA          SIZE  BEGIN                       DATA          SIZE  BEGIN

D ALTM9608    1    642                          D ALTM9614    1    666
    Imputation flag for TM9608                      Imputation flag for TM9614.

D ALTM9638    1    643                          D ALTM9644    1    667
    Imputation flag for TM9638.                     Imputation flag for TM9644.

D ALTM9668    1    644                          D ALTM9674    1    668
    Imputation flag for TM9668.                     Imputation flag for TM9674.

D ALTM9698    1    645                          D ALTM9704    1    669
    Imputation flag for TM9698.                     Imputation flag for TM9704.

D ALTM9460    1    646                          D ALTM9556    1    670
    Imputation flag for TM9460.                     Imputation flag for TM9556.

D ALTM9490    1    647                          D ALTM9586    1    671
    Imputaiton flag for TM9490.                     Imputation flag for TM9586.

D ALTM9520    1    648                          D ALTM9616    1    672
    Imputation flag for TM9520.                     Imputation flag for TM9616.

D ALTM9550    1    649                          D ALTM9646    1    673
    Imputation flag for TM9550.                     Imputation flag for TM9646.

D ALTM9580    1    650                          D ALTM9676    1    674
    Imputation flag for TM9580.                     Imputation flag for TM9676.

D ALTM9610    1    651                          D ALTM9706    1    675
    Imputation flag for TM9610.                     Imputation flag for TM9706.

D ALTM9640    1    652                          D ALTM9588    1    676
    Imputation flag for TM9640.                     Imputation flag for TM9588.

D ALTM9670    1    653                          D ALTM9618    1    677
    Imputation flag for TM9670.                     Imputation flag for TM9618.

D ALTM9700    1    654                          D ALTM9648    1    678
    Imputation flag for TM9700.                     Imputation flag for TM9648.

D ALTM9492    1    655                          D ALTM9678    1    679
    Imputation flag for TM9492.                     Imputation flag for TM9678

D ALTM9522    1    656                          D ALTM9708    1    680
    Imputation flag for TM9522.                     Imputation flag for TM9708.

D ALTM9552    1    657                          D ALTM9620    1    681
    Imputation flag for TM9552.                     Imputation flag for TM9620.

D ALTM9582    1    658                          D ALTM9650    1    682
    Imputation flag for TM9582.                     Imputation flag for TM9650.

D ALTM9612    1    659                          D ALTM9680    1    683
    Imputation flag for TM9612.                     Imputation flag for TM9680.

D ALTM9642    1    660                          D ALTM9710    1    684
    Impuation flag for TM9642.                      Imputation flag for TM9710.

D ALTM9672    1    661                          D ALTM9652    1    685
    Imputation flag for TM9672.                     Imputation flag for TM9652.

D ALTM9702    1    662                          D ALTM9682    1    686
    Imputation flag for TM9702.                     Imputation flag for TM9682.

D ALTM9524    1    663                          D ALTM9712    1    687
    Imputation flag for TM9524.                     Imputation flag for TM9712.

D ALTM9554    1    664                          D ALTM9684    1    688
    Imputation flag for TM9554.                     Imputation flag for TM9684.

D ALTM9584    1    665                          D ALTM9714    1    689
    Imputaiton flag for TM9584.                     Imputation flag for TM9714.
```

DATA		SIZE	BEGIN

D ALTM9716   1   690
     Imputation flag for TM9716.


```
*********************************************
*         Part A:  Recipiency History      *
*********************************************
```

D TM8000   1   691
     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   692
     Check item T2
     Are any income types or special
     indicators listed in the recipiency
     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 recipiency    *
*   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   *
*   .Retirement pay   *
*V   3 .Federal Supplemental   *
*   .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) *
*V   8 .Veterans compensation or *
*V   .pensions   *
*V   9 .Black lung payments   *
*V   10 .Worker's compensation   *
*V   11 .State temporary sickness or *
*V   .disability benefits   *
*V   12 .Employer or union temporary *
*V   .sickness policy   *
*V   13 .Payments from a sickness, *
*V   .accident or disability   *
*V   .insurance policy purchased *
*V   .on your own   *
*V   20 .Aid to families with   *
*V   .dependent children (AFDC, *
*V   .ADC)   *
*V   21 .General assistance or   *
*V   .general relief assistance *
*V   22 .Indian, Cuban, or refugee *
*V   .assistance   *

*V   23 .Foster child care payments *
*V   24 .Other welfare   *
*V   25 .WIC (Women, Infants and   *
*   .Children nutrition program) *
*V   27 .Food stamps   *
*V   28 .Child support payments   *
*V   29 .Alimony payments   *
V   30 .Pension from company or union
*V   31 .Federal Civil Service or   *
*V   .other Federal civilian   *
*V   .employee pensions   *
*V   32 .U.S. Military retirement pay *
*V   33 .National Guard or Reserve   *
*V   .Forces retirement   *
*V   34 .State government pensions   *
*V   35 .Local government pensions   *
*V   36 .Income from paid-up life   *
*V   .insurance policies or   *
*V   .annuities   *
*V   37 .Estates and trusts   *
*V   38 .Other payments for retire-   *
*V   .ment, disability or survivor *
*V   40 .G.I. Bill education benefits *
*V   41 .Other VA educational   *
*V   .assistance   *
*V   50 .Income assistance from a   *
*V   .charitable group   *
*V   51 .Money from relatives or   *
*V   .friends   *
*V   52 .Lump sum payments   *
*V   53 .Income from roomers or   *
*V   .boarders   *
V   54 .National Guard or Reserve pay
V   55 .Incidental or casual earnings
*   .Asset codes: *
*V   100 .Interest earning assets   *
*V   .regular/passbook/savings   *
*V   .accounts in a bank, savings *
*V   .and loan or credit union   *
V   101 .Money market deposit accounts
*V   102 .Certificates of deposit or   *
*V   .other savings certificates   *
*V   103 .NOW, Super NOW or other   *
*V   .interest earning checking   *
*V   .accounts   *
*V   104 .Money market funds   *
*V   105 .U.S. Government securities   *
*V   106 .Municipal or corporate bonds *
V   107 .Other interest-earning assets
*V   110 .Stocks or mutual fund shares *
*V   120 .Rental property   *
*V   130 .Mortgages   *
*V   140 .Royalties   *
*V   150 .Other financial investments *
*   .Special Indicator Code: *
*V   170 .Worked   *
*V   171 .Disabled   *
*V   172 .Medicare   *
*V   173 .Medicaid   *
*V   174 .U.S. Savings Bonds (E,EE)   *
*V   175 .College work study   *
*V   176 .PELL Grant   *
*V   177 .Supplemental Educational   *
*V   .Opportunity Grant (SEOG)   *
*V   178 .National Direct Student Loan *
*V   .(NDSL)   *
*V   179 .Guaranteed Student Loan   *
*V   180 .JTPA training   *
*V   181 .Employer assistance   *
*V   182 .Fellowship/scholarship   *
*V   183 .Other financial aid   *
*V   200 .VA disability rating of 100% *
*V   201 .VA disability rating of less *

SIPP 1991 TOPICAL MODULE WAVE 2

```
DATA        SIZE  BEGIN                    DATA        SIZE  BEGIN

*V         .than 100%              *       U All persons recorded as recipient of ISS
*****************************************   V      00 .Not applicable
                                           V   01 - 12 .Month
D TM8004    3    693
    ISS codes or asset codes              D TM8032    4    734
U All persons recorded as recipient of ISS    Year recipiency began
                                          U All persons recorded as recipient of ISS
D TM8006    2    696                       V      0000 .Not applicable
    Month recipiency began                 V  1900-1991 .Year
U All persons recorded as recipient of ISS
V      00 .Not applicable                 D TM8034    3    738
V   01 - 12 .Month                             ISS codes or asset codes
                                          U All persons recorded as recipient of ISS
D TM8008    4    698
    Year recipiency began                 D TM8036    2    741
U All persons recorded as recipient of ISS    Month recipiency began
V      0000 .Not applicable               U All persons recorded as recipient of ISS
V  1900-1991 .Year                         V      00 .Not applicable
                                           V   01 - 12 .Month
D TM8010    3    702
    ISS codes or asset codes              D TM8038    4    743
U All persons recorded as recipient of ISS    Year recipiency began
                                          U All persons recorded as recipient of ISS
D TM8012    2    705                       V      0000 .Not applicable
    Month recipiency began                 V  1900-1991 .Year
U All persons recorded as recipient of ISS
V      00 .Not applicable                 D TM8040    3    747
V   01 - 12 .Month                             ISS codes or asset codes
                                          U All persons recorded as recipient of ISS
D TM8014    4    707
    Year recipiency began                 D TM8042    2    750
U All persons recorded as recipient of ISS    Month recipiency began
V      0000 .Not applicable               U All persons recorded as recipient of ISS
V  1900-1991 .Year                         V      00 .Not applicable
                                           V   01 - 12 .Month
D TM8016    3    711
    ISS codes or asset codes              D TM8044    4    752
U All persons recorded as recipient of ISS    Year recipiency began
                                          U All persons recorded as recipient of ISS
D TM8018    2    714                       V      0000 .Not applicable
    Month recipiency began                 V  1900-1991 .Year
U All persons recorded as recipient of ISS
V      00 .Not applicable                 D TM8046    3    756
V   01 - 12 .Month                             Income codes or asset codes
                                          U All persons recorded as recipient of ISS
D TM8020    4    716
    Year recipiency began                 D TM8048    2    759
U All persons recorded as recipient of ISS    Month recipiency began
V      0000 .Not applicable               V      00 .Not applicable
V  1900-1991 .Year                         V   01 - 12 .Month

D TM8022    3    720                       D TM8050    4    761
    ISS codes or asset codes                   Year recipiency began
U All persons recorded as recipient of ISS U All persons recorded as recipient of ISS
                                           V      0000 .Not applicable
D TM8024    2    723                       V  1900-1991 .Year
    Month recipiency began
U All persons recorded as recipient of ISS D TM8052    1    765
V      00 .Not applicable                       Check item T3
V   01 - 12 .Month                             Is ... 18 years of age or over?
                                          U All persons
D TM8026    4    725                       V       0 .Not applicable
    Year recipiency began                  V       1 .Yes
U All persons recorded as recipient of ISS V       2 .No -skip to TM8124
V      0000 .Not applicable
V  1900-1991 .Year                        D TM8054    1    766
                                               Check item T4
D TM8028    3    729                            Is 'food stamps' (code 27) listed in the
    ISS codes or asset codes                   recipiency history roster?
U All persons recorded as recipient of ISS U All persons 18 years of age or over
                                           V       0 .Not applicable
D TM8030    2    732                        V       1 .Yes
    Month recipiency began                  V       2 .No - skip to TM8058
```

7-32

DATA   SIZE BEGIN

D TM8056   1   767
     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   768
     Has ... ever applied for the Federal
     Government's Food Stamp Program?
U All persons 18 years of age or over
  not listed in recipiency history roster
  as receiving food stamps
V   0 .Not applicable
V   1 .Yes
V   2 .No - skip to TM8074

D TM8060   1   769
     Has ... ever been authorized to receive
     food stamps?
U All persons 18 years of age or over who
  have ever applied for the federal goverment
  food stamp program
V   0 .Not applicable
V   1 .Yes
V   2 .No - skip to TM8074

D TM8062   2   770
     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   772
     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 1900-1991 .Year

D TM8066   2   776
     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

D TM8068   2   778
     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   780
     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   782
     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   783
     Check item T6
     Is 'AFDC' (code 20) listed in the
     recipiency 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   784
     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   785
     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   786
     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
V   2 .No - skip to TM8096

D TM8084   2   787
     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   789
     When did ... first start receiving AFDC
     (ADC) benefits?

SIPP 1991 TOPICAL MODULE WAVE 2

DATA   SIZE BEGIN   DATA   SIZE BEGIN

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 1900-1991 .Year

D TM8088   2   793
    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   795
    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   797
    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   799
    Check item T7
    Is 'SSI' (codes 3 or 4) listed in the
    recipiency 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   800
    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 recipiency 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

D TM8100   1   801
    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   802
    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   803
    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   805
    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 1900-1991 .Year

D TM8108   2   809
    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   811
    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   813
    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   814
    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   815
    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   00 .Not applicable
V   01 - 12 .Month

D TM8120   4   817
    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)

DATA   SIZE BEGIN

V   0000 .Not applicable
V 1900-1991 .Year

D TM8122   2   821
     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   823
     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   824
     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   826
     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   828
     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

D TM8132   2   830
     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   832
     We have recorded that ... is not
     currently covered by a private health
     insurance plan. When was the last time

DATA   SIZE BEGIN

     ... was covered by private health
     insurance?
U All persons
V   0000 .Not applicable
V 1900-1991 .Year

D TM8136   2   836
     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   838
     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   839
     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   840
     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   842
     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   844
     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
V   .housing
V   00 .Not applicable

D TM8148   1   846
     Check item T13
     Is one or more of the following codes
     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   847
     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

SIPP 1991 TOPICAL MODULE WAVE 2

```
DATA          SIZE  BEGIN                    DATA          SIZE  BEGIN

V         0 .Not applicable                  V         0 .Not imputed
V         1 .Yes                             V         1 .Imputed
V         2 .No
                                             D TM-IFA12    1     860
D TM-IFA0     1     848                           Topical module imputation flag #13
     Topical module imputation flag #1           Imputation for 'TM8042'
     Imputation for 'TM8006'                 V         0 .Not imputed
V         0 .Not imputed                     V         1 .Imputed
V         1 .Imputed
                                             D TM-IFA13    1     861
D TM-IFA1     1     849                           Topical module imputation flag #14
     Topical module imputation flag #2           Imputation for 'TM8044'
     Imputation for 'TM8008'                 V         0 .Not imputed
V         0 .Not imputed                     V         1 .Imputed
V         1 .Imputed
                                             D TM-IFA14    1     862
D TM-IFA2     1     850                           Topical module imputation flag #15
     Topical module imputation flag #3           Imputation for 'TM8048'
     Imputation for 'TM8012'                 V         0 .Not imputed
V         0 .Not imputed                     V         1 .Imputed
V         1 .Imputed
                                             D TM-IFA15    1     863
D TM-IFA3     1     851                           Topical module imputation flag #16
     Topical module imputation flag #4           Imputation for 'TM8050'
     Imputation for 'TM8014'                 V         0 .Not imputed
V         0 .Not imputed                     V         1 .Imputed
V         1 .Imputed
                                             D TM-IFA16    1     864
D TM-IFA4     1     852                           Topical module imputation flag #17
     Topical module imputation flag #5           Imputation for 'TM8058'
     Imputation for 'TM8018'                 V         0 .Not imputed
V         0 .Not imputed                     V         1 .Imputed
V         1 .Imputed
                                             D TM-IFA17    1     865
D TM-IFA5     1     853                           Topical module imputation flag #18
     Topical module imputation flag #6           Imputation for 'TM8060'
     Imputation for 'TM8020'                 V         0 .Not imputed
V         0 .Not imputed                     V         1 .Imputed
V         1 .Imputed
                                             D TM-IFA18    1     866
D TM-IFA6     1     854                           Topical module imputation flag #19
     Topical module imputation flag #7           Imputation for 'TM8062'
     Imputation for 'TM8024'                 V         0 .Not imputed
V         0 .Not imputed                     V         1 .Imputed
V         1 .Imputed
                                             D TM-IFA19    1     867
D TM-IFA7     1     855                           Topical module imputation flag #20
     Topical module imputation flag #8           Imputation for 'TM8064'
     Imputation for 'TM8026'                 V         0 .Not imputed
V         0 .Not imputed                     V         1 .Imputed
V         1 .Imputed
                                             D TM-IFA20    1     868
D TM-IFA8     1     856                           Topical module imputation flag #21
     Topical module imputation flag #9           Imputation for 'TM8066 - TM8068'
     Imputation for 'TM8030'                 V         0 .Not imputed
V         0 .Not imputed                     V         1 .Imputed
V         1 .Imputed
                                             D TM-IFA21    1     869
D TM-IFA9     1     857                           Topical module imputation flag #22
     Topical module imputation flag #10          Imputation for 'TM8072'
     Imputation for 'TM8032'                 V         0 .Not imputed
V         0 .Not imputed                     V         1 .Imputed
V         1 .Imputed
                                             D TM-IFA22    1     870
D TM-IFA10    1     858                           Topical module imputation flag #23
     Topical module imputation flag #11          Imputation for 'TM8080'
     Imputation for 'TM8036'                 V         0 .Not imputed
V         0 .Not imputed                     V         1 .Imputed
V         1 .Imputed
                                             D TM-IFA23    1     871
D TM-IFA11    1     859                           Topical module imputation flag #24
     Topical module imputation flag #12          Imputation for 'TM8082'
     Imputation for 'TM8038'                 V         0 .Not imputed
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DATA         SIZE  BEGIN                          DATA         SIZE  BEGIN

V         1 .Imputed                              D TM-IFA36   1     884
                                                      Topical module imputation flag #37
D TM-IFA24   1     872                                Imputation for 'TM8132'
    Topical module imputation flag #25       V         0 .Not imputed
    Imputation for 'TM8084'                  V         1 .Imputed
V         0 .Not imputed
V         1 .Imputed                         D TM-IFA37   1     885
                                                 Topical module imputation flag #38
D TM-IFA25   1     873                                Imputation for 'TM8134 – TM8136'
    Topical module imputation flag #26       V         0 .Not imputed
    Imputation for 'TM8086'                  V         1 .Imputed
V         0 .Not imputed
V         1 .Imputed                         D TM-IFA38   1     886
                                                 Topical module imputation flag #39
D TM-IFA26   1     874                                Imputation for 'TM8142 – TM8146'
    Topical module imputation flag #27       V         0 .Not imputed
    Imputation for 'TM8088 – TM8090'         V         1 .Imputed
V         0 .Not imputed
V         1 .Imputed                         D TM-IFA39   1     887
                                                 Topical module imputation flag #40
D TM-IFA27   1     875                                Imputation for 'TM8150'
    Topical module imputation flag #28       V         0 .Not imputed
    Imputation for 'TM8094'                  V         1 .Imputed
V         0 .Not imputed
V         1 .Imputed                         *********************************************
                                             *      Part B:  Employment History      *
D TM-IFA28   1     876                        *********************************************
    Topical module imputation flag #29
    Imputation for 'TM8100                   D TM8200     1     888
V         0 .Not imputed                          Check item T14
V         1 .Imputed                              Is ... 18 to 64 years old?
                                             U All persons
D TM-IFA29   1     877                        V         0 .Not applicable
    Topical module imputation flag #30       V         1 .Yes
    Imputation for 'TM8102'                  V         2 .No - skip to TM8300
V         0 .Not imputed
V         1 .Imputed                         *********************************************
                                             *   Now I would like to ask some questions*
D TM-IFA30   1     878                        *   about some of the jobs ... has held.  *
    Topical module imputation flag #31       *********************************************
    Imputation for 'TM8104'
V         0 .Not imputed                     D TM8202     1     889
V         1 .Imputed                              Check item T15
                                                  Is there an employer or business listed
D TM-IFA31   1     879                                in cc item 42 or 43?
    Topical module imputation flag #32       U All persons 18 to 64 years of age
    Imputation for 'TM8106'                  V         0 .Not applicable
V         0 .Not imputed                     V         1 .Yes
V         1 .Imputed                         V         2 .No - skip to TM8210

D TM-IFA32   1     880                        D TM8206     2     890
    Topical module imputation flag #33           Check item T16
    Imputation for 'TM8108-TM8110'               What is the ID number of this employer
V         0 .Not imputed                     U All persons 18 to 64 years of age with
V         1 .Imputed                              employer listed
                                             V        00 .Not applicable
D TM-IFA33   1     881                        V    01 – 16 .Employer number - skip to
    Topical module imputation flag #34       V           .TM8218
    Imputation for 'TM8118'
V         0 .Not imputed                     D TM8208     2     892
V         1 .Imputed                              Check item T16
                                                  What is the ID number of this business
D TM-IFA34   1     882                        U All persons 18 to 64 years of age with
    Topical module imputation flag #35           business listed
    Imputation for 'TM8120 – TM8122'         V        00 .Not applicable
V         0 .Not imputed                     V    01 – 16 .Business number - skip to
V         1 .Imputed                         V           .TM8218

D TM-IFA35   1     883                        D TM8210     1     894
    Topical module imputation flag #36           Check item T17
    Imputation for 'TM8126 – TM8130'             Is 'worked' (code 170) marked on
V         0 .Not imputed                              the ISS?
V         1 .Imputed
```

DATA   SIZE BEGIN

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   895
     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   897
     Check item T18
     What is the ID number of this business
U All persons 18 to 64 yeras of age with
  business listed
V   00 .Not applicable
V   01 - 16 .Business number

D TM8218   2   899
     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   901
     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 1900-1991 .Year

D TM8222   1   905
     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   906
     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

D TM8226   1   907
     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   908
     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   909
     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   910
     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   911
     For now 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
V   .TM8248)

D TM8236   2   913
     For now 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   915
     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   917
     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 .Not applicable
V 1900-1991 .Year (skip to TM8254)

D TM8244   2   921
     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

DATA　　　　SIZE　BEGIN

```
V          -3 .Never worked for 2 consecutive
V             .weeks or more (ask TM8246)
V          00 .Not applicable

D TM8246     1     923
     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     924
     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     926
     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   1900-1991 .Year

D TM8252     2     930
     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
V             .two weeks or more (skip to
V             .TM8284)
V          00 .Not applicable

D TM8254     1     932
     Check item T20
     Is the year in TM8242 or TM8250
     between 1976 and 1991?
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     933
     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

D TMIND4     3     936
     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     939
     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     940
     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     942
     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   1900-1991 .Year

D TM8272     2     946
     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     948
     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
V             .at a job or business -
V             .(skip To TM8300)
V          -1 .Don't know - skip to TM8286
V        0000 .Not applicable
V   1900-1991 .Year

D TM8276     2     952
     Since (year in TM8274), has ...
     always worked at least six months
     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
```

SIPP 1991 TOPICAL MODULE WAVE 2

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DATA        SIZE  BEGIN                    DATA        SIZE  BEGIN

V         02 .No                          D TM8290    4    963
                                              When was the last time that ... went
D TM8278    2    954                           6 months or longer without working
    How many years were there when ...        at a job or business - beginning year
    worked at least 6 months             U All persons 18 to 64 years of age who
U All persons 18 to 64 years of age who      have had periods of 6 months or more
  have not always worked at least 6 straight  without working since year started working
  months or longer during the year       V       0000 .Not applicable
  in 1978 or later                        V  1900-1991 .Year
V         00 .Not applicable
V     01 - 99 .Number of years worked     D TM8292    4    967
                                              When was the last time that ... went
D TM8280    1    956                            6 months or longer without working
    Check item T21                            at a job or business - ending year
    Is the year worked in TM8274         U All persons 18 to 64 years of age who
    between 1976 and 1991                     have had periods of 6 months or more
U All persons 18 to 64 years of age who      without working since year started working
  have not always worked at least 6 straight  V       0000 .Not applicable
  months or longer during the year       V  1900-1991 .Year
  1978 or later
V          0 .Not applicable              D TM8294    1    971
V          1 .Yes - skip To TM8286            What was the reason .. did not work at
V          2 .No                              a job or business during that time
                                          U All persons 18 to 64 years of age who
D TM8282    2    957                          have had periods of 6 months or more
    Since 1976 how many years have there      without working since year started working
    been when ... worked at least 6 months V         0 .Not applicable
    during the year                       V          1 .Took care of family or home
U All persons 18 to 64 years of age who   V          2 .Own illness or disability
  have not always worked at least 6 straight  V       3 .Could not find work
  months or longer during the years 1978  V          4 .Going to school
  or later                                V          5 .Became pregnant/had child
V         -5 .All years                   V          6 .Other
V         00 .Not applicable
V     01 - 99 .Years                      D IMP-8218  1    972
                                              Topical module imputation flag #1
D TM8284    1    959                           Imputation for 'TM8218'
    Check item T22                             when worked is marked
    Is there a year in TM8274 or in TM8220 V         0 .Not imputed
U All persons 18 to 64 years of age who   V          1 .Imputed
  have not always worked at least 6 straight
  months or longer during the years 1978  D IMP-8220  1    973
  1978 or later                               Topical module imputation flag #2
V          0 .Not applicable                   Imputation for 'TM8220'
V          1 .Yes                              when worked is marked
V          2 .No - skip to TM8300         V          0 .Not imputed
                                          V          1 .Imputed
D TM8286    1    960
    (People spend time out of the labor    D IMP-8226  1    974
    force for various reasons, such as         Topical module imputation flag #4
    taking care of a home or family,           Imputation for 'TM8226'
    illness, going to school, or other     V          0 .Not imputed
    reasons.)  Since (year in TM8218 or    V          1 .Imputed
    TM8256) have there been any periods
    lasting 6 months or longer when ...    D IMP-8224  1    975
    did not work at a paid job or business     Topical module imputation flag #3
U All persons 18 to 64 years of age who        Imputation for 'TM8224'
  worked at least 6 straight  months or   V          0 .Not imputed
  longer during 1978 or later             V          1 .Imputed
V          0 .Not applicable
V          1 .Yes                          D IMP-8228  1    976
V          2 .No - skip To TM8300              Topical module imputation flag #5
                                               Imputation for 'TM8228'
D TM8288    2    961                        V          0 .Not imputed
    About how many times has ... gone 6    V          1 .Imputed
    months or longer without working at
    a job or business                      D IMP-8230  1    977
U All persons 18 to 64 years of age who        Topical module imputation flag #6
  have had periods of 6 months or more         Imputation for 'TM8230'
  without working since year started working V         0 .Not imputed
V         00 .Not applicable               V          1 .Imputed
V     01 - 99 .Times
```

DATA   SIZE BEGIN   DATA   SIZE BEGIN

D IMP-8232   1   978   D IMP-8272   1   990
    Topical module imputation flag #7   Topical module imputation flag #18
    Imputation for 'TM8232'   Imputation for 'TM8272'
V   0 .Not imputed   V   0 .Not imputed
V   1 .Imputed   V   1 .Imputed

D IMP-8234   1   979   D IMP-8274   1   991
    Topical module imputation flag #8   Topical module imputation flag #19
    Imputation for 'TM8234'   Imputation for 'TM8274'
V   0 .Not imputed   V   0 .Not imputed
V   1 .Imputed   V   1 .Imputed

D IMP-8240   1   980   D IMP-8276   1   992
    Topical module imputation flag #9   Topical module imputation flag #20
    Imputation for 'TM8240'   Imputation for 'TM8276'
V   0 .Not imputed   V   0 .Not imputed
V   1 .Imputed   V   1 .Imputed

D IMP-8242   1   981   D IMP-8278   1   993
    Topical module imputation flag #10   Topical module imputation flag #21
    Imputation for 'TM8242'   Imputation for 'TM8278'
V   0 .Not imputed   V   0 .Not imputed
V   1 .Imputed   V   1 .Imputed

D IMP-8244   1   982   D IMP-8282   1   994
    Topical module imputation flag #11   Topical module imputation flag #22
    Imputation for 'TM8244'   Imputation for 'TM8282'
V   0 .Not imputed   V   0 .Not imputed
V   1 .Imputed   V   1 .Imputed

D IMP-8246   1   983   D IMP-8286   1   995
    Topical module imputation flag #12   Topical module imputation flag #23
    Imputation for 'TM8246'   Imputation for 'TM8286'
V   0 .Not imputed   V   0 .Not imputed
V   1 .Imputed   V   1 .Imputed

D IMP-8248   1   984   D IMP-8288   1   996
    Topical module imputation flag #12A   Topical module imputation flag #24
    Imputation for 'TM8248'   Imputation for 'TM8288'
V   0 .Not imputed   V   0 .Not imputed
V   1 .Imputed   V   1 .Imputed

D IMP-8250   1   985   D IMP-8290   1   997
    Topical module imputation flag #13   Topical module imputation flag #25
    Imputation for 'TM8250'   Imputation for 'TM8290'
V   0 .Not imputed   V   0 .Not imputed
V   1 .Imputed   V   1 .Imputed

D IMP-8252   1   986   D IMP-829A   1   998
    Topical module imputation flag #14   Topical module imputation flag #26
    Imputation for 'TM8252'   Imputation for 'TM8290'
V   0 .Not imputed   V   0 .Not imputed
V   1 .Imputed   V   1 .Imputed

D IMP-8266   1   987   D IMP-8292   1   999
    Topical module imputation flag #15   Topical module imputation flag #27
    Imputation for 'TM8266'   Imputation for 'TM8292'
V   0 .Not imputed   V   0 .Not imputed
V   1 .Imputed   V   1 .Imputed

D IMP-8268   1   988   D IMP-8294   1   1000
    Topical module imputation flag #16   Topical module imputation flag #28
    Imputation for 'TM8268'   Imputation for 'TM8294'
V   0 .Not imputed   V   0 .Not imputed
V   1 .Imputed   V   1 .Imputed

D IMP-8270   1   989   D IMP-IND   1   1001
    Topical module imputation flag 17   Topical module imputation flag #29
    Imputation for 'TM8270'   Imputation for 'TMIND3'
V   0 .Not imputed   V   0 .Not imputed
V   1 .Imputed   V   1 .Imputed

SIPP 1991 TOPICAL MODULE WAVE 2

```
DATA         SIZE  BEGIN                    DATA         SIZE  BEGIN


D IMP-OCC    1   1002                       D TM8312     4   1010
    Topical module imputation flag #30          When did ... become limited in the kind
    Imputation for 'TMIND4'                     or amount of work that ... could do at a
V         0 .Not imputed                        job - year
V         1 .Imputed                        U All persons 16 to 67 years of age who are
                                              limited to kind or amount of work
                                            V      0000 .Not applicable
*********************************************  V 1900-1991 .Year
*    Part C:  Work Disability History     *
*********************************************  D TM8314     2   1014
                                                When did ... become limited in the kind
D TM8300     1   1003                            or amount of work that ... can do at a
    Check item T23                              job
    What is ...'s age                       U All persons 16 to 67 years of age who are
U All persons                                 limited to kind or amount of work
V         0 .Not applicable                 V        -5 .Person became limited after
V         1 .15 years - skip to TM8400      V           .retiring - skip To TM8400
V         2 .16 to 67 years                 V        -3 .Person was limited before
V         3 .68 years or over - skip to     V           .person became of working age -
V           .TM8400                         V           .skip to TM8324
                                            V        00 .Not applicable
*********************************************
*  Now I want to talk about any health or  *  D TM8316     1   1016
*  physical condition ... may have that    *      Was ... employed at the time ...'s work
*  affected ...'s ability to work.         *      limitation began
*********************************************  U All persons 16 to 67 years of age who are
                                              limited to kind or amount of work
D TM8302     1   1004                       V         0 .Not applicable
    Check item T24                          V         1 .Yes - skip To TM8324
    Is disabled (code 171) marked on the    V         2 .No
    ISS for ...
U All persons 16 to 67 years of age         D TM8318     2   1017
V         0 .Not applicable                     When was the last time ... worked before
V         1 .Yes - skip To TM8306               ...'s work limitation began - month
V         2 .No                             U All persons 16 to 67 years of age not
                                              employed at time work limitation began
D TM8304     1   1005                       V        00 .Not applicable
    Check item T25                          V     01 - 12 .Month
    Is disabled (code 171) marked on the
    control card for ...                     D TM8320     4   1019
U All persons 16 to 67 years of age without     When was the last time ... worked before
  disabled marked on the ISS                    ...'s work limitation began - year
V         0 .Not applicable                 U All persons 16 to 67 years of age not
V         1 .Yes                              employed at time work limitation began
V         2 .No - skip To TM8308            V      0000 .Not applicable
                                            V 1900-1991 .Year
D TM8306     1   1006
    We have recorded that ...'s health or   D TM8322     2   1023
    condition limits kind or amount of work     When was the last time ... worked before
    ... can do.  Is that correct?               ...'s work limitation began - year
U All persons 16 to 67 years of age with    U All persons 16 to 67 years of age not
  disabled marked on control card            employed at time work limitation began
V         0 .Not applicable                 V        -3 .Had never been employed before
V         1 .Yes - skip To TM8310           V           .work limitation began
V         2 .No - skip To TM8400            V        00 .Not applicable

D TM8308     1   1007                       D TM8324     2   1025
    Physical, mental or other health            What health condition is the main
    condition limits kind or amount             reason for ...'s work limitation
    of work ... can do                      U All persons 16 to 67 years of age not
U All persons 16 to 67 years of age without   employed at time work limitation began
  disabled marked on control card           V        00 .Not applicable
V         0 .Not applicable                 V        01 .Arthritis or rheumatism
V         1 .Yes - Mark '171' on ISS        V        02 .Back or spine problems
V         2 .No - skip To TM8400            V           .(including chronic stiffness
                                            V           .or deformity of the back or
D TM8310     2   1008                       V           .spine)
    When did ... become limited in the kind V        03 .Blindness or vision problems
    or amount of work that ... can do at a  V           .(difficulty seeing well enough
    job - month                             V           .to read a newspaper, even with
U All persons 16 to 67 years of age who are v           .glasses on)
  limited to kind or amount of work         V        04 .Cancer
V        00 .Not applicable
V     01 - 12 .Month
```

```
DATA        SIZE  BEGIN                          DATA        SIZE  BEGIN

V         05 .Deafness or serious trouble        V          2 .No - skip to TM8342
V            .hearing
V         06 .Diabetes                           D TM8334    2   1031
V         07 .Heart trouble (including heart         When did ... become unable to work at a
V            .attack (coronary), hardening of        job - month?
V            .the arteries (arteriosclerosis))   U All persons 16 to 67 years of age with
V         08 .Hernia or rupture                    health condition that prevents working
V         09 .High blood pressure                  at a job or business
V            .(hypertension)                     V         00 .Not applicable
V         10 .Kidney stones or chronic kidney    V     01 - 12 .Month - skip to TM8400
V            .trouble
V         11 .Lung or respiratory trouble        D TM8336    4   1033
V            .(asthma, bronchitis, emphysema,        When did ... become unable to work at a
V            .respiratory allergies, tuber-          job?
V            .culosis or other lung trouble)     U All persons 16 to 67 years of age with
V         12 .Mental illness                       health condition that prevents working
V         13 .Mental retardation                   at a job or business
V         14 .Missing legs, feet, arms,          V       0000 .Not applicable
V            .hands, or fingers                  V  1900-1991 .Year - skip to TM8400
V         15 .Nervous or emotional problems,
V            .or alcohol or drug problems        D TM8338    2   1037
V         16 .Paralysis of any kind                  When did ... become unable to work at a
V         17 .Senility (Alzheimer's disease)         job?
V         18 .Stiffness or deformity of the      U All persons 16 to 67 years of age with
V            .foot, leg, arm, or hand              health condition that prevents working
V         19 .Stomach trouble (including           at a job or business
V            .ulcers, gallbladder or liver       V         -3 .Has never been able to work at
V            .conditions)                        V            .a job - skip to TM8400
V         20 .Stroke                             V         00 .Not applicable
V         21 .Thyroid trouble or goiter
V         22 .Tumor, cyst or growth              D TM8340    1   1039
V         23 .Other                                  Check item T27
                                                     Did ... usually work 35 or more hours per
D TM8326    1   1027                                 week during the reference period?
    Was this condition caused by an            U All persons 16 to 67 years of age with
    accident or injury                           health limitations that do not prevent
U All persons 16 to 67 years of age with         working
  work limitation                              V          0 .Not applicable
V          0 .Not applicable                    V          1 .Yes -skip to TM8344
V          1 .Yes                               V          2 .No
V          2 .No - skip To TM8330
                                                D TM8342    1   1040
D TM8328    1   1028                                 Is ... now able to work at a full-time
    Where did the accident or injury take           job or is ... only able to work
    place - was it -                                part-time?
U All persons 16 to 67 years of age with       U All persons 16 to 67 years of age with
  work limitation caused by accident or          health limitations who usually worked 35
  injury                                         or more hours during reference period
V          0 .Not applicable                    V          0 .Not applicable
V          1 .On the job?                        V          1 .Full-time
V          2 .During service in the Armed       V          2 .Part-time
V            .Forces?                            V          3 .Not able to work - skip to
V          3 .In the home?                       V            .Statement F
V          4 .Somewhere else?
                                                D TM8344    1   1041
D TM8330    1   1029                                 Is ... not able to work regularly or is
    Check item T26                                  ... only able to work occasionally or
    Is 'worked' (code 170) marked on the            irregularly?
    ISS                                        U All persons 16 to 67 years of age with
U All persons 16 to 67 years of age with         health limitations who usually worked 35
  work limitation caused by accident or          or more hours during reference period
  injury                                        V          0 .Not applicable
V          0 .Not applicable                    V          1 .Regularly
V          1 .Yes - skip to TM8340              V          2 .Only occasionally or
V          2 .No                                V            .irregularly
                                                V          3 .Not able to work - skip to
D TM8332    1   1030                             V            .Statement F
    Does ...'s health or condition prevent
    ... from working at a job or business?     D TM8346    1   1042
U All persons 16 to 67 years of age with            Is ... now able to do the same kind of
  work limitations and worked marked on ISS        work ... did before ...'s work limitation
V          0 .Not applicable                        began?
V          1 .Yes                              U All persons 16 to 67 years of age with
```

DATA   SIZE BEGIN   DATA   SIZE BEGIN

  health limitations who usually worked 35   V   0 .Not imputed
  or more hours during reference period   V   1 .Imputed
V   0 .Not applicable
V   1 .Yes, able to do same kind of   D IMP-3438   1   1054
V   .work   Topical module imputation flag #12
V   2 .No, not able to do same kind of   Imputation for 'TM8334 - TM8338'
V   .work   V   0 .Not imputed
V   3 .Did not work before limitation   V   1 .Imputed
V   .began
                                                 D IMP-8342   1   1055
D IMP-8306   1   1043   Topical module imputation flag #13
    Topical module imputation flag #1   Imputation for 'TM8342
    Imputation for 'TM8306'   V   0 .Not imputed
V   0 .Not imputed   V   1 .Imputed
V   1 .Imputed
                                                 D IMP-8344   1   1056
D IMP-8308   1   1044   Topical module imputation flag #14
    Topical module imputation flag #2   Imputation for 'TM8344'
    Imputation for 'TM8308'   V   0 .Not imputed
V   0 .Not imputed   V   1 .Imputed
V   1 .Imputed
                                                 D IMP-8346   1   1057
D IMP-8310   1   1045   Topical module imputation flag #15
    Topical module imputation flag #3   Imputation for 'TM8346'
    Imputation for 'TM8310'   V   0 .Not imputed
V   0 .Not imputed   V   1 .Imputed
V   1 .Imputed
                                                 ****
D IMP-1014   1   1046   * Part D: Education and Training History *
    Topical module imputation flag #4   *   *
    Imputation for 'TM8310 - TM8314'   ***
V   0 .Not imputed   ***
V   1 .Imputed   * Now I would like to ask you a few   *
                                                 * questions about ...'s education and any   *
D IMP-8318   1   1047   * work training ... may have received   *
    Topical module imputation flag #6   ***
    Imputation for 'TM8318'
V   0 .Not imputed   D TM8400   1   1058
V   1 .Imputed   Check item T28
                                                     Was ...'s highest grade attended grade
D IMP-1822   1   1048   12 or less?
    Topical module imputation flag #7   U All persons
    Imputation for 'TM8318 - TM8322'   V   0 .Not applicable
V   0 .Not imputed   V   1 .Yes
V   1 .Imputed   V   2 .No - skip to TM8410

D IMP-8324   1   1049   D TM8402   2   1059
    Topical module imputation flag #8   When did ... last attend elementary or
    Imputation for 'TM8324'   high school?
V   0 .Not imputed   U All persons with highest grade attended
V   1 .Imputed   grade 12 or less
                                                 V   00 .Not applicable
D IMP-8326   1   1050   V   01 - 12 .Month
    Topical module imputation flag #9
    Imputation for 'TM8326'   D TM8404   4   1061
V   0 .Not imputed   When did ... last attend elementary or
V   1 .Imputed   high school?
                                                 U All persons with highest grade attended
D IMP-8328   1   1051   grade 12 or less
    Topical module imputation flag #10   V   0000 .Not applicable
    Imputation for 'TM8328'   V 1890-1991 .Year
V   0 .Not imputed
V   1 .Imputed   D TM8406   1   1065
                                                     When did ... last attend elementary or
D IMP-8332   1   1052   high school?
    Topical module imputation flag #11   U All persons with highest grade attended
    Imputation for 'TM8332'   grade 12 or less
V   0 .Not imputed   V   0 .Not applicable
V   1 .Imputed   V   1 .Currently attending - skip to
                                                 V   .TM8550
D IMP-8334   1   1053   V   2 .Never attended
    Topical module imputation flag #12A
    Imputation for 'TM8334'

DATA   SIZE BEGIN

D TM8408   1   1066
    Has ... received a high school diploma?
    (include GED's.)
U All persons with highest grade attended
   grade 12 or less and not currently
   attending elementary or high school
V   0 .Not applicable
V   1 .Yes
V   2 .No - skip to TM8444

D TM8410   2   1067
    When did ... receive a high school
    diploma?
U All persons who received high school diploma
V   00 .Not applicable
V   01 - 12 .Month

D TM8412   4   1069
    When did ... receive a high school
    diploma?
U All persons who received high school
   diploma
V   0000 .Not applicable
V 1890-1991 .Year

D TM8414   1   1073
    Was the high school that ... attended
    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   1074
    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   1075
    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   1077
    When did ... first attend college or a
    university?
U All persons who attended at least
   one year of college
V   0000 .Not applicable
V 1890-1991 .Year

D TM8422   1   1081
    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
V   .denistry, medicine, law or

DATA   SIZE BEGIN

V   .theology
V   3 .Master's degree
V   4 .Bachelor's degree
V   5 .Associate degree
V   6 .Vocational certificate or
V   .diploma
V   7 .Has not earned a degree - skip
V   .to TM8436

D TM8424   2   1082
    When did ... receive that degree?
U All persons who earned college degree
V   00 .Not applicable
V   01 - 12 .Month

D TM8426   4   1084
    When did ... receive that degree?
U All persons who earned college degree
V   0000 .Not applicable
V 1890-1991 .Year

D TM8428   2   1088
    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
V   .computers and computing)
V   07 .English or journalism
V   08 .Home economics
V   09 .Law
V   10 .Liberal arts or humanities
V   .(including arts, architecture,
V   .music, languages, philosophy,
V   .etc.)
V   11 .Mathematics or statistics
V   12 .Medicine or dentistry
V   13 .Nursing, pharmacy, or health
V   .technologies
V   14 .Physical or earth sciences
V   15 .Police science or law
V   .enforcement
V   16 .Psychology
V   17 .Religion or theology
V   18 .Social sciences (history,
V   .sociology, political science,
V   .etc.)
V   19 .Vocational or technical studies
V   20 .Other

D TM8430   1   1090
    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

D TM8432   2   1091
    When did ... receive his/her Bachelor's
    degree?
U All persons who received Bachelor's
   degree
V   00 .Not applicable
V   01 - 12 .Month

DATA   SIZE BEGIN

D TM8434   4 1093
        When did ... receive his/her Bachelor's
        degree?
U All persons who received Bachelor's
  degree
V   0000 .Not applicable
V 1890-1991 .Year

D TM8436   2 1097
        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 1099
        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 1101
        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 1890-1991 .Year

D TM8442   1 1105
        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 1106
        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 1107
        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

****
* COMMENT   *
* Was any of this training sponsored by   *
* any of the following programs?   *
****

D TM8448   1 1108
        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
V   .Act (JTPA)

D TM8450   1 1109
        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
V   .Training Act (CETA)

D TM8452   1 1110
        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)

D TM8454   1 1111
        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
V   .Act

D TM8456   1 1112
        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

D TM8458   1 1113
        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

D TM8460   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 .Classroom training - job
V   .skills - skip to TM8496

D TM8462   1 1115
        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 - basic
V   .education - skip to TM8496

D TM8464   1 1116
        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
V   .TM8496

DATA   SIZE BEGIN

D TM8466   1 1117
    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
V   .to TM8496

D TM8468   1 1118
    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
V   .TM8496

D TM8470   1 1119
    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 .Other - skip to TM8496

D TM8472   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 .Apprenticeship program

D TM8474   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 .Business, commercial, or
V   .vocational school

D TM8476   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 .Junior or community college

D TM8478   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 .Program completed at a 4 year
V   .college or graduate school

D TM8480   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 .High school vocational program

D TM8482   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 .Training program at work

D TM8484   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 .Military (exclude basic
V   .training)

D TM8486   1 1127
    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 1128
    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 1129
    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 1130
    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 1131
    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 1132
    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
V   1 .Yes
V   2 .No

D TM8498   2 1133
    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

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```
DATA        SIZE  BEGIN                    DATA          SIZE  BEGIN

V       -1 .Don't know                     V           2 .Computed
V       00 .Not applicable
V   01 - 12 .Month                         D TM-IFD1     1   1149
                                                 Topical module imputation flag #2
D TM8500    4   1135                              Imputation for 'TM8420'
      When did ... start this (most recent) V           0 .Not imputed
      training?                            V           1 .Imputed
U Persons under 65 years of age who received V          2 .Computed
  training designed to help find a job,
  improve job skills or learn a new job    D TM-IFD2     1   1150
V       -1 .Don't know                           Topical module imputation flag #3
V     0000 .Not applicable                       Imputation for 'TM8422'
V  1890-1991 .Year                         V           0 .Not imputed
                                           V           1 .Imputed
D TM8502    3   1139                        V           2 .Computed
      For how many weeks did ... attend this
      (most recent) training program?      D TM-IFD3     1   1151
U Persons under 65 years of age who received     Topical module imputation flag #4
  training designed to help find a job,          Imputation for 'TM8426'
  improve job skills or learn a new job    V           0 .Not imputed
V      000 .Not applicable                 V           1 .Imputed
V  001 - 999 .Weeks                        V           2 .Computed

D TM8504    2   1142                        D TM-IFD4     1   1152
      For how many weeks did ... attend this     Topical module imputation flag #5
      (most recent) training program?            Imputation for 'TM8428'
U Persons under 65 years of age who received V          0 .Not imputed
  training designed to help find a job,    V           1 .Imputed
  improve job skills or learn a new job    V           2 .Computed
V       -4 .Less than 1 week
V       -3 .Currently attending            D TM-IFD5     1   1153
V       00 .Not applicable                       Topical module imputation flag #6
                                                 Imputation for 'TM8434'
D TM8506    1   1144                        V           0 .Not imputed
      Who paid for this (most recent)       V           1 .Imputed
      program?                             V           2 .Computed
U Persons under 65 years of age who received
  training designed to help find a job,    D TM-IFD6     1   1154
  improve job skills or learn a new job          Topical module imputation flag #7
V        0 .Not applicable                       Imputation for 'TM8436'
V        1 .Self or family                 V           0 .Not imputed
                                           V           1 .Imputed
D TM8508    1   1145                        V           2 .Computed
      Who paid for this (most recent)
      program?                             D TM-IFD7     1   1155
U Persons under 65 years of age who received     Topical module imputation flag #8
  training designed to help find a job,          Imputation for 'TM8440'
  improve job skills or learn a new job    V           0 .Not imputed
V        0 .Not applicable                 V           1 .Imputed
V        1 .Employer                       V           2 .Computed

D TM8510    1   1146                        D TM-IFD8     1   1156
      Who paid for this (most recent) program?    Topical module imputation flag #9
U Persons under 65 years of age who received     Imputation for 'TM8446'
  training designed to help find a job,    V           0 .Not imputed
  improve job skills or learn a new job    V           1 .Imputed
V        0 .Not applicable                 V           2 .Computed
V        1 .Federal, State, or local
V          .government                     D TM-IFD9     1   1157
                                                 Topical module imputation flag #10
D TM8512    1   1147                              Imputation for 'TM8448 - TM458'
      Who paid for this (most recent) program?  V         0 .Not imputed
U Persons under 65 years of age who received V          1 .Imputed
  training designed to help find a job,    V           2 .Computed
  improve job skills or learn a new job
V        0 .Not applicable                 D TM-IFD10    1   1158
V        1 .Someone else                         Topical module imputation flag #11
                                                 Imputation for 'TM8460 - 8470'
D TM-IFD0   1   1148                        V           0 .Not imputed
      Topical module imputation flag #1     V           1 .Imputed
      Imputation for 'TM8414'              V           2 .Computed
V        0 .Not imputed
V        1 .Imputed
```

DATA   SIZE BEGIN

D TM-IFD11   1   1159
     Topical module imputation flag #12
     Imputation for 'TM8472 - TM8494'
V   0 .Not imputed
V   1 .Imputed
V   2 .Computed

D TM-IFD12   1   1160
     Topical module imputation flag #13
     Imputation for 'TM8496'
V   0 .Not imputed
V   1 .Imputed
V   2 .Computed

D TM-IFD13   1   1161
     Topical module imputation flag #14
     Imputation for 'TM8500'
V   0 .Not imputed
V   1 .Imputed
V   2 .Computed

D TM-IFD14   1   1162
     Topical module imputation flag #15
     Imputation for 'TM8502'
V   0 .Not imputed
V   1 .Imputed
V   2 .Computed

D TM-IFD15   1   1163
     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   1164
     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.   *
****

D TM8602   1   1165
     How many times has ... been
     married ?
U Persons 15 years and older ever married
V   0 .Not in universe
V   1 .1 - skip to TM8638
V   2 .2
V   3 .3
V   4 .4+

D TM8604   2   1166
     In what month and year did ...
     get married for the first time ?
U Persons 15 years and older
  married more than once
V   00 .Not in universe

DATA   SIZE BEGIN

V   01 - 12 .Month

D TM8606   4   1168
     In what month and year did ...
     get married for the first time?
U Persons 15 years and older
  married more than once
V   0000 .Not in universe
V 1900-1991 .Year

D TM8608   1   1172
     Did ...'s first marriage end in
     widowhood or in divorce ?
U Persons 15 years and older
  married more than once
V   0 .Not in universe
V   1 .Widowhood
V   2 .Divorce

D TM8610   2   1173
     In what month and year was ...
     (widowed/divorced) ?
U Persons 15 years and older
  married more than once
V   00 .Not in universe
V   01 - 12 .Month

D TM8612   4   1175
     In what month and year was ...
     (widowed / divorced) ?
U Persons 15 years and older
  married more than once
V   0000 .Not in universe
V 1900-1991 .Year

D TM8614   1   1179
     Check item T35
     Is "widowhood" marked in TM8608 ?
U Persons 15 years and older
  married more than once
V   0 .Not in universe
V   1 .Yes - skip to TM8620
V   2 .No

D TM8616   2   1180
     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
V   00 .Not in universe
V   01 - 12 .Month

D TM8618   4   1182
     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
V   0000 .Not in universe
V 1900-1991 .Year

D TM8620   1   1186
     Check item T36
     How many times has ... been
     married?
U Persons 15 years and older married more
  than once
V   0 .Not in universe
V   1 .2 - skip to TM8638
V   2 .3+

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```
DATA        SIZE  BEGIN                    DATA        SIZE  BEGIN

D TM8622    2   1187                       V         0 .Not in universe
    In what month and year did ...        V         1 .Yes - skip to TM8700
    get married for the second time?      V         2 .No
U Persons 15 years and older married more V         3 .No, no spouse in household
  than twice
V       00 .Not in universe               D TM8640    2   1208
V    01 - 12 .Months                          In what month and year did ...
                                              get married (most recently)?
D TM8624    4   1189                       U Persons 15 years and older ever married
    In what month and year did ...        whose spouse has not been interviewed
    get married for the second time?      V       00 .Not in universe
U Persons 15 years and older married more V    01 - 12 .Month
  than twice
V     0000 .Not in universe               D TM8642    4   1210
V  1900-1991 .Year                            In what month and year did ...
                                              get married (most recently)?
D TM8626    1   1193                       U Persons 15 years and older ever married
    Did ...'s second marriage end in      whose spouse has not been interviewed
    widowhood or in divorce ?             V     0000 .Not in universe
U Persons 15 years and older married more V  1900-1991 .Year
  than twice
V         0 .Not in universe              D TM8644    1   1214
V         1 .Widowhood                        Check item T39
V         2 .Divorce                          What is ...'s current marital status?
                                          U Persons 15 years and older ever married
D TM8628    2   1194                       whose spouse has not been interviewed
    In what month and year was ...        V         0 .Not in universe
    (widowed/divorced)?                   V         1 .Married, spouse present - skip
U Persons 15 years and older married more V           .to TM8700
  than twice                              V         2 .Married, spouse absent - skip
V       00 .Not in universe               V           .to TM8700
V    01 - 12 .Month                       V         3 .Widowed
                                          V         4 .Divorced
D TM8630    4   1196                       V         5 .Separated - skip to TM8652
    In what month and year was ...
    (widowed/divorced)?                   D TM8646    2   1215
U Persons 15 years and older married more     In what month and year was ...
  than twice                                  (widowed/divorced)?
V     0000 .Not in universe               U Persons 15 years and older, widowed or
V  1900-1991 .Year                         divorced
                                          V       00 .Not in universe
D TM8632    1   1200                       V    01 - 12 .Month
    Check item T37
    Is "widowhood" marked in TM8626?      D TM8648    4   1217
U Persons 15 years and older married more     In what month and year was ...
  than twice                                  (widowed/divorced)?
V         0 .Not in universe              U Persons 15 years and older, widowed or
V         1 .Yes - skip to TM8638          divorced
V         2 .No                           V     0000 .Not in universe
                                          V  1900-1991 .Year
D TM8634    2   1201
    In what month and year did ...        D TM8650    1   1221
    actually stop living with his/her         Check item T40
    second spouse?                            Is "widowed" marked in TM8644?
U Persons 15 years and older married more U Persons 15 years and older, widowed or
  than twice, never widowed                divorced
V       00 .Not in universe               V         0 .Not in universe
V    01 - 12 .Months                      V         1 .Yes - skip to TM8700
                                          V         2 .No
D TM8636    4   1203
    In what month and year did ...        D TM8652    2   1222
    actually stop living with his/her         When did ... actually stop living
    second spouse ?                           with his/her (most recent) spouse?
U Persons 15 years and older married more U Persons 15 years and older, widowed or
  than twice, never widowed                divorced
V     0000 .Not in universe               V       00 .Not in universe
V  1900-1991 .Year                        V    01 - 12 .Months

D TM8638    1   1207                       D TM8654    4   1224
    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
```

```
DATA        SIZE  BEGIN                    DATA        SIZE  BEGIN

V      0000 .Not in universe              V           .acceptable
V  1900-1991 .Year
                                          D FALS       1   1236
D FAFM       1   1228                          The imputation flag for
     The imputation flag for                   TM8652 and TM8654
     TM8604 and TM8606                    V        0 .Not in universe
V        0 .Not in universe              V        1 .Everything is acceptable
V        1 .Everything is acceptable     V        2 .Month was not acceptable
V        2 .Month was not acceptable     V        3 .Year and/or month was not
V        3 .Year and/or month was not    V           .acceptable
V           .acceptable
                                          D FTIM       1   1237
D FAFT       1   1229                          The imputation flag for 'TM8602'
     The imputation flag for             V        0 .Not imputed
     TM8610 and TM8612                    V        1 .Imputed
V        0 .Not in universe
V        1 .Everything is acceptable     D FFME       1   1238
V        2 .Month was not acceptable          The imputation flag for 'TM8608'
V        3 .Year and/or month was not    V        0 .Not imputed
V           .acceptable                   V        1 .Imputed

D FAFS       1   1230                     D FSME       1   1239
     The imputation flag for                   The imputation flag for 'TM8626'
     TM8616 and TM8618                    V        0 .Not imputed
V        0 .Not in universe              V        1 .Imputed
V        1 .Everything is acceptable
V        2 .Month was not acceptable     ********************************************
V        3 .Year and/or month was not    *       Part F:  Migration History      *
V           .acceptable                   ********************************************

D FASM       1   1231                     ********************************************
     The imputation flag for             *     (Now I have some questions about    *
     TM8622 and TM8624                    *     places where ... has lived in the  *
V        0 .Not in universe              *     past, and where ... was born.)     *
V        1 .Everything is acceptable     ********************************************
V        2 .Month was not acceptable
V        3 .Year and/or month was not    D TM8700     2   1240
V           .acceptable                        When did ... move into this
                                               home/apartment/mobile
D FAST       1   1232                     U Persons 15 years or older
     The imputation flag for             V       00 .Not in universe
     TM8628 and TM8630                    V    01 - 12 .Month
V        0 .Not in universe
V        1 .Everything is acceptable     D TM8702     4   1242
V        2 .Month was not acceptable          When did ... move into this
V        3 .Year and/or month was not         home/apartment/mobile
V           .acceptable                   U Persons 15 years or older
                                          V       -4 .Always lived here/born
D FASS       1   1233                     V          .here - skip to TM8750
     The imputation flag for             V     0000 .Not in universe
     TM8634 and TM8636                    V  1900-1991 .Year
V        0 .Not in universe
V        1 .Everything is acceptable     D TM8704     1   1246
V        2 .Month was not acceptable          Before living here, where did ... live?
V        3 .Year and/or month was not    U Persons 15 years or older who have moved
V           .acceptable                   V        0 .Not in universe
                                          V        1 .Same state, same county
D FALM       1   1234                     V        2 .Same state, different county
     The imputation flag for
     TM8640 and TM8642                    D TM8706     2   1247
V        0 .Not in universe                    Before living here, where did ... live?
V        1 .Everything is acceptable          Different state:
V        2 .Month was not acceptable          skip to TM8722
V        3 .Year and/or month was not    U Persons 15 years or older who have moved
V           .acceptable                   V       00 .Not in universe
                                              State codes or foreign country codes:
D FALT       1   1235                     V       01 .Alabama
     The imputation flag for             V       02 .Alaska
     TM8646 and TM8648                    V       03 .Arizona
V        0 .Not in universe              V       04 .Arkansas
V        1 .Everything is acceptable     V       05 .California
V        2 .Month was not acceptable     V       06 .Colorado
V        3 .Year and/or month was not    V       07 .Connecticut
```

DATA		SIZE	BEGIN
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
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

DATA		SIZE	BEGIN
V		89	.South America
V		90	.Middle East
V		91	.Africa
V		99	.Other (specify)
D	TM8708	2	1249

Before living here, where did ... live?
Different country:
skip to TM8722

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

State codes or foreign country codes:

DATA		SIZE	BEGIN
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

DATA		SIZE	BEGIN

DATA		SIZE	BEGIN

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   1251
    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   1253
    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   1255
    During what period of time did
    ... live there?
    From
U Persons 15 years or older who have moved
V   0000 .Not in universe
V 1900-1991 .Year

D TM8714   2   1259
    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   1261
    During what period of time did
    ... live there?
    To
U Persons 15 years or older who have moved
V   0000 .Not in universe
V 1900-1991 .Year

D TM8718   1   1265
    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   1266
    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 Nexico
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

SIPP 1991 TOPICAL MODULE WAVE 2

DATA		SIZE	BEGIN		DATA		SIZE	BEGIN

```
V           75 .Japan                          V          11 .Georgia
V           76 .Korea                          V          12 .Hawaii
V           77 .Mexico                         V          13 .Idaho
V           78 .Norway                         V          14 .Illinois
V           79 .Philippines                    V          15 .Indiana
V           80 .Poland                         V          16 .Iowa
V           81 .Portugal                       V          17 .Kansas
V           82 .Sweden                         V          18 .Kentucky
V           83 .United Kingdom                 V          19 .Louisiana
V           84 .U. S. S. R.                    V          20 .Maine
V           85 .Vietnam                        V          21 .Maryland
V           86 .Other Europe                   V          22 .Massachusetts
V           87 .Other Asia                     V          23 .Michigan
V           88 .Central America                V          24 .Minnesota
V           89 .South America                  V          25 .Mississippi
V           90 .Middle East                    V          26 .Missouri
V           91 .Africa                         V          27 .Montana
V           92 .Overseas (country unknown)     V          28 .Nebraska
V           99 .Other(specify)                 V          29 .Nevada
                                               V          30 .New Hampshire
D TM8722     2   1268                          V          31 .New Jersey
    During what period of time did             V          32 .New Mexico
    ... live there?                            V          33 .New York
    From                                       V          34 .North Carolina
U Persons 15 years or older who have lived     V          35 .North Dakota
  in another state or foreign country          V          36 .Ohio
V          00 .Not in universe                 V          37 .Oklahoma
V    01 - 12 .Month                            V          38 .Oregon
                                               V          39 .Pennsylvania
D TM8724     4   1270                          V          40 .Rhode Island
    During what period of time did             V          41 .South Carolina
    ... last live there?                       V          42 .South Dakota
    From                                       V          43 .Tennessee
U Persons 15 years or older who have lived     V          44 .Texas
  in another state or foreign country          V          45 .Utah
V        0000 .Not in universe                 V          46 .Vermont
V   1900-1991 .Year                            V          47 .Virginia
                                               V          48 .Washington
D TM8726     2   1274                          V          49 .West Virginia
    During what period of time did             V          50 .Wisconsin
    ... last live there?                       V          51 .Wyoming
    To                                         V          52 .United States (Unknown State)
U Persons 15 years or older who have lived     V          60 .Puerto Rico
  in another State or foreign country          V          61 .Outlying area of U. S.
V          00 .Not in universe                 V          62 .Austria
V    01 - 12 .Month                            V          63 .Canada
                                               V          64 .China
D TM8728     4   1276                          V          65 .Cuba
    During what period of time did             V          66 .Czechoslovakia
    ... last live there?                        V          67 .Dominican Republic
    To                                         V          68 .Germany
U Persons 15 years or older who have lived     V          69 .Greece
  in another State or foreign country          V          70 .Hungary
V        0000 .Not in universe                 V          71 .India
V   1900-1991 .Year                            V          72 .Ireland
                                               V          73 .Italy
D TM8730     2   1280                          V          74 .Jamaica
    In what state or foreign country           V          75 .Japan
    was ... born?                              V          76 .Korea
U Persons 15 years or older who have lived     V          77 .Mexico
  in another State or foreign country          V          78 .Norway
V          00 .Not in universe                 V          79 .Philippines
    Place of birth codes:                      V          80 .Poland
V          01 .Alabama                         V          81 .Portugal
V          02 .Alaska                          V          82 .Sweden
V          03 .Arizona                         V          83 .United Kingdom
V          04 .Arkansas                        V          84 .U. S. S. R.
V          05 .California                      V          85 .Vietnam
V          06 .Colorado                        V          86 .Other Europe
V          07 .Connecticut                     V          87 .Other Asia
V          08 .Delaware                        V          88 .Central America
V          09 .District of Columbia            V          89 .South America
V          10 .Florida                         V          90 .Middle East
```

DATA   SIZE BEGIN   DATA   SIZE BEGIN

V   91 .Africa   D TM-MIG5   1   1290
V   92 .Overseas (country unknown)   Topical module imputation flag #5
V   99 .Other(specify)   Imputation for 'TM8710 - TM8712'
                                                       V   0 .Not imputed
D TM8732   1   1282   V   1 .Imputed
    Check item T41
    Does the code in TM8730 equal a   D CT8710   1   1291
    foreign country of 62 - 91 or 99 ?   Topical module computation flag #5A
U Persons 15 years or older who have lived   Computation for 'TM8710'
  in another State or foreign country   V   0 .Not computed
V   0 .Not in universe   V   1 .Computed
V   1 .Yes
V   2 .No - skip to TM8750   D CT8714   1   1292
                                                           Topical module computation flag #5B
D TM8734   1   1283   Computation for 'TM8714'
    Is ... a naturalized citizen of the   V   0 .Not computed
    United States ?   V   1 .Computed
U Persons 15 years or older who have lived
  in foreign country with code of 62-91 or 99   D TM-MIG8   1   1293
V   0 .Not in universe   Topical module imputation flag #6
V   1 .Yes   Imputation for 'TM8720'
V   2 .No   V   0 .Not imputed
V   3 .No, born abroad of American   V   1 .Imputed
V   .parent or parents - skip to
V   .TM8750   D TM-MIG9   1   1294
                                                           Topical module imputation flag #7
D TM8736   1   1284   Imputation for 'TM8722 - TM8724'
    When did ... come to the United   V   0 .Not imputed
    States to stay?   V   1 .Imputed
U Persons 15 years or older who have lived
  in foreign country with code of 62-91 or 99   D CT8722   1   1295
  who are naturalized citizens   Topical module computation flag #7A
V   0 .Not applicable   Computation for 'TM8722'
V   1 .Before 1959   V   0 .Not computed
V   2 .1960 - 1964   V   1 .Computed
V   3 .1965 - 1969
V   4 .1970 - 1974   D TM-MIG10   1   1296
V   5 .1975 - 1979   Topical module imputation flag #8
V   6 .1980 - 1981   Imputation for 'TM8726 - TM8728'
V   7 .1982 - 1984   V   0 .Not imputed
V   8 .1985 - 1991   V   1 .Imputed

D TM-MIG1   1   1285   D CT8726   1   1297
    Topical module imputation flag #1   Topical module computation flag #8A
    Imputation for 'TM8700 - TM8702'   Computation for 'TM8726'
V   0 .Not imputed   V   0 .Not computed
V   1 .Imputed   V   1 .Computed

D CT8700   1   1286   D TM-MIG11   1   1298
    Topical module computation flag #1A   Topical module imputation flag #9
    Computation for 'TM8700'   Imputation for 'TM8730'
V   0 .Not computed   V   0 .Not imputed
V   1 .Computed   V   1 .Imputed

D TM-MIG2   1   1287   D TM-MIG12   1   1299
    Topical module imputation flag #2   Topical module imputation flag #10
    Imputation for 'TM8704'   Imputation for 'TM8732'
V   0 .Not imputed   V   0 .Not imputed
V   1 .Imputed   V   1 .Imputed

D TM-MIG3   1   1288   D TM-MIG13   1   1300
    Topical module imputation flag #3   Topical module imputation flag #11
    Imputation for 'TM8706'   Imputation for 'TM8734'
V   0 .Not imputed   V   0 .Not imputed
V   1 .Imputed   V   1 .Imputed

D TM-MIG4   1   1289   D TM-MIG14   1   1301
    Topical module imputation flag #4   Topical module imputation flag #12
    Imputation for 'TM8708'   Imputation for 'TM8736'
V   0 .Not imputed   V   0 .Not imputed
V   1 .Imputed   V   1 .Imputed

SIPP 1991 TOPICAL MODULE WAVE 2

```
DATA        SIZE  BEGIN
```

```
**********************************************
*       Part G:  Fertility History        *
**********************************************
```

D TM8750   1   1302
     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   1303
     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   1305
     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   1307
     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   1308
     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   1309
     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

D TM8762   4   1311
     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   0000 .Not in universe
V 1900-1991 .Year

D TM8764   3   1315
     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 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
V   .skip to TM9266

D TM8766   2   1318
     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.)
     Last 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

D TM8768   4   1320
     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.)
     Last child
U Females 15 to 65 years of age with all
  children currently living in household
V   0000 .Not in universe
V 1900-1991 .Year

D TM8770   3   1324
     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.)
     Last child
U Females 15 to 65 years of age with all
  children currently living in 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
V   .skip to TM9266

D TM8778   1   1327
     Check item T45
     How many children has ... ever had?

DATA   SIZE BEGIN

U Females 15 to 65 years of age with all
  children currently living in household
V   0 .Not in universe
V   1 .One child - skip to TM9266
V   2 .2+ children

D TM8780   2   1328
      When was ...'s last child born?
U Females 15 to 65 years of age with 2+
  children
V   00 .Not in universe
V   01 - 12 .Month

D TM8782   4   1330
      When was ...'s last child born?
U Females 15 to 65 years of age with 2+
  children
V   0000 .Not in universe
V   1900-1991 .Year

D TM8784   1   1334
      Check item T46
      Was ...'s last child born on or
      after January 1, 1965 ?
U Females 15 to 65 years of age with 2+
  children
V   0 .Not in universe
V   1 .Yes
V   2 .No - skip to TM8792

D TM8786   2   1335
      With whom does the child live now ?
U Females 15 to 65 years of age with 2+
  children
V   00 .Not in universe
V   01 .Resides in this household -
V   .skip to TM8788
     Resides elsewhere
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   1337
      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

DATA   SIZE BEGIN

V 480 - 499 .Person number
V   999 .Edited person number

D TM8792   2   1340
      When was ...'s second child born?
U Females 15 to 65 years of age with
  2+ children
V   00 .Not in universe
V   01-12 .Month

D TM8794   4   1342
      When was ...'s second child born?
U Females 15 to 65 years of age with
  3+ children
V   0000 .Not in universe
V   1900-1991 .Year

D TM8796   1   1346
      Check item T49
      Was ...'s second child born on or
      after January 1, 1960 ?
U Females 15 to 65 years of age with
  3+ children
V   0 .Not in universe
V   1 .Yes
V   2 .No - skip to TM9266

D TM8798   2   1347
      With whom does the child live now ?
U Females 15 to 65 years of age with
  3+ children and second child born on
  or after January 1, 1960
V   00 .Not in universe
V   01 .Resides in this household -
V   .skip to TM8800
V   .Resides elsewhere:
V   02 .In his/her own household -
V   .skip to TM9266
V   .With relatives:
V   03 .With own father - skip to TM9266
V   04 .With own grandparent(s) - skip
V   .to TM9266
V   05 .With adoptive parents - skip
V   .to TM9266
V   06 .Other relatives - skip to TM9266
V   .With nonrelatives
V   07 .In foster care/foster family
V   .skip to TM9266
V   08 .In an institution (hospital)
V   .skip to TM9266
V   09 .In school - skip to TM9266
V   10 .In correctional facility -
V   .skip to TM9266
V   11 .Other - skip to TM9266
V   12 .Deceased - skip to TM9266
V   13 .Don't know

D TM8800   3   1349
      Check item T50
      Write the person number of the
      second child.
U Females 15 to 65 years of age with
  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

SIPP 1991 TOPICAL MODULE WAVE 2

```
DATA          SIZE  BEGIN


D TM-FER1     1   1352
    Topical module imputation flag #1
    Imputation for 'TM8754'
V         0 .Not imputed
V         1 .Imputed


D TM-FER2     1   1353
    Topical module imputation flag #2
    Imputation for 'TM8782'
V         0 .Not imputed
V         1 .Imputed


D TM-FER2A    1   1354
    Topical module imputation flag #2A
    Imputation for 'TM8780'
V         0 .Not imputed
V         1 .Imputed


D TM-FER3     1   1355
    Topical module imputation flag #3
    Imputation for 'TM8736'
V         0 .Not imputed
V         1 .Imputed


D TM-FER4     1   1356
    Topical module imputation flag #4
    Imputation for 'TM8794'
    When TM8754=1 and marital status = 6
V         0 .Not imputed
V         1 .Imputed


D TM-FER5     1   1357
    Topical module imputation flag #5
    Imputation for 'TM8794'
    When TM8754=1 and marital status = 1 - 5
V         0 .Not imputed
V         1 .Imputed


D TM-FER6     1   1358
    Topical module imputation flag #6
    Imputation for 'TM8794'
    When TM8754=2 and marital status = 6
V         0 .Not imputed
V         1 .Imputed


D TM-FER7     1   1359
    Topical module imputation flag #7
    Imputation for 'TM8794'
    When TM8754=2 and marital status = 1 - 5
V         0 .Not imputed
V         1 .Imputed


D TM-FER9     1   1360
    Topical module imputation flag #9
    Imputation for 'TM8798'
V         0 .Not imputed
V         1 .Imputed
```

SOURCE AND ACCURACY STATEMENT FOR THE 1991
PUBLIC USE FILES FROM THE SURVEY OF
INCOME AND PROGRAM PARTICIPATION

SOURCE OF DATA

The data were collected in the 1991 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 1991 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 two
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 containing clusters
of four LQs was drawn of permits issued for construction of
residential LQs up until shortly before the beginning of the
panel.

In jurisdictions that don't issue building permits or have
incomplete addresses, small land areas were sampled and expected
clusters of four LQs within were listed by field personnel and
then subsampled. In addition, sample LQs were selected from a
supplemental frame that included LQs identified as missed in the
1980 census.

Approximately 19,300 living quarters were originally designated
for the 1991 panel. For Wave 1 of the panel, interviews were
obtained from occupants of about 14,300 of the 19,300 designated
living quarters. Most of the remaining 5,000 living quarters in
the panel were found to be vacant, demolished, converted to
nonresidential use, or otherwise ineligible for the survey.
However, approximately 1,300 of the 5,000 living quarters in the
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 92
percent of all eligible living quarters participated in the first
interview of the panel.

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

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 1991. 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. Selected interviews for the 1991 panels can be combined with interviews from the 1990 panels. 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 1991 and 1990 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 1991 and 1990 panels respectively. For example, Wave 1 rotation group 2 of the 1991 panel was interviewed in February 1991 and data for the reference months October 1990 through January 1991 were collected.

Estimation. The estimation procedure used to derive SIPP person weights involved several stages of weight adjustments. In the first wave, each person received a base weight equal to the inverse of his/her probability of selection. For each subsequent interview, each person received a base weight that accounted for the following movers.

A noninterview factor was applied to the weight of every occupant of interviewed households to account for persons in noninterviewed occupied households which were eligible for the sample. (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.

The Bureau has used complex techniques to adjust the weights for
nonresponse. For a further explanation of the techniques used,
see the Nonresponse Adjustment Methods for Demographic Surveys at
the U.S. Bureau of the Census, November 1988, Working paper 8823,
by R. Singh and R. Petroni. The success of these techniques in
avoiding bias is unknown. An example of successfully avoiding
bias can be found in "Current Nonresponse Research for the Survey
of Income and Program Participation" (paper by Petroni, presented
at the Second International Workshop on Household Survey
Nonresponse, October 1991).

An additional stage of adjustment to persons' weights was
performed to reduce the mean square errors of the survey
estimates. This was accomplished by ratio adjusting the sample
estimates to agree with monthly Current Population Survey (CPS)
type estimates of the civilian (and some military)
noninstitutional population of the United States by demographic
characteristics including age, race, and sex as of the specified
date. The CPS estimates by age, race, and sex were themselves
brought into agreement with estimates from the 1980 decennial
census which have been adjusted to reflect births, deaths,
immigration, emigration, and changes in the Armed Forces since
1980. In addition, SIPP estimates were controlled to independent
Hispanic controls and an adjustment was made so that husbands and
wives within the same household were assigned equal weights. All
of the above adjustments are implemented for each reference month
and the interview month.

Use of Weights. 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 1991. 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.

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 1990 data is only available from rotations 2, 3, and 4 for Wave 1 of the 1991 panel (See table 3), so a factor of 4/3 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 with four rotations worth of data are constructed from a wave file, factors greater than 1 must be applied. However, when core data from consecutive waves are used together, data from all four rotations may be available, in which case the factors are equal to 1.

These tapes contain no weight for characteristics that involve a persons's or household's status over two or more months (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 estimates for the metropolitan population. The results of these tabulations will be slightly biased.

Combined Panel Estimates. Both the 1991 and 1990 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 and since there were some procedural changes between the 1990 and 1991 panels, we recommend that estimates not be obtained by combining Wave 1 data of the 1991 panel with data from another 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

$$\vartheta = W\vartheta_1 + (1-W)\vartheta_2 \qquad\qquad\qquad (A)$$

ϑ = joint estimate (total, mean, proportion,etc);

ϑ_1 = estimate from the earlier panel;

ϑ_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 0.613 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, 1990 panel show there were 441,000 households with monthly December income above $6,000. Also, suppose SIPP estimates for Wave 2, 1991 panel show there were 435,000 households with monthly December income above $6,000. Using formula (A), the joint level estimate is

$$\vartheta = (0.613)(441,000) + (0.387)(435,000) = 439,000$$

ACCURACY OF ESTIMATES

SIPP estimates are based on a sample; they may differ somewhat from the figures that would have been obtained if a complete

census had been taken using the same questionnaire, instructions, and enumerators. There are two types of errors possible in an estimate based on a sample survey: nonsampling and sampling. We are able to provide estimates of the magnitude of SIPP sampling error, but this is not true of nonsampling error. Found in the next sections are descriptions of sources of SIPP nonsampling error, followed by a discussion of sampling error, its estimation, and its use in data analysis.

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 the following: collection such as in recording or coding the data, processing the data, estimating values for missing data; biases resulting from the differing recall periods caused by the interviewing pattern used; and undercoverage. Quality control and edit procedures were used to reduce errors made by respondents, coders and interviewers. More detailed discussions of the existence and control of nonsampling errors in the SIPP can be found in the SIPP Quality Profile.

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 characteristics different from those of interviewed persons in the same age-race-sex group. Further, the independent population controls used have not been adjusted for undercoverage in the Census.

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

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

USES AND COMPUTATION OF STANDARD ERRORS

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

1. Approximately 68 percent of the intervals from one standard error below the estimate to one standard error above the estimate would include the average result of all possible samples.

2. Approximately 90 percent of the intervals from 1.6 standard errors below the estimate to 1.6 standard errors above the estimate would include the average result of all possible samples.

3. Approximately 95 percent of the intervals from two standard errors below the estimate to two standard errors above the estimate would include the average result of all possible samples.

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

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

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

this conclusion will be wrong. When the characteristics are, in fact, the same, there is a 10 percent chance of concluding that they are different.

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

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

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 for the SIPP. To derive standard errors that would be applicable to a wide variety of estimates and could be prepared at a moderate cost, a number of approximations were required. Estimates with similar standard error behavior were grouped together and two parameters (denoted "a" and "b") were developed to approximate the standard error behavior of each group of estimates. Because the actual standard error behavior was not identical for all estimates within a group, the standard errors computed from these parameters provide an indication of the order of magnitude of the standard error for any specific estimate. These "a" and "b" parameters vary by characteristic and by demographic subgroup to which the estimate applies. Table 6 provides base "a" and "b" parameters to be used for the 1991 panel estimates.

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 -0.0001005 and 9,286, respectively. For Wave 1 the factor for October 1990 is 4 since only 1 rotation month of data is available. So, the "a" and "b" parameters for total household income in October 1990 based on Wave 1 are -0.0004020 and 37,144, respectively. Also for Wave 1, the factor for the first quarter of 1991 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 1991 are -0.0001228 and 11,349, respectively for Wave 1.

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

For those users who wish further simplification, we have also provided general standard errors in tables 8 through 11. Note that these standard errors only apply when data from all four rotations are used and must be adjusted by a factor 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.

For the 1990, 1991 combined panel parameters, multiply the parameters in table 6 by the appropriate factor from table 15. The factors 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.

Table 12 provides base "a" and "b" parameters for calculating 1991 topical module variances. Table 13 provides base "a" and "b" parameters for computing the 1990, 1991 combined panel topical module variances.

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.

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

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

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

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

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

Illustration.

Suppose SIPP estimates for Wave 1 of the 1991 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

$\quad$ a = -0.0001005$\cdot$ $\qquad$ b = 9,286 $\qquad$ f = 1.00 $\qquad$ s = 66,000

Using formula 1, the approximate standard error is

$\qquad$ s_x = 66,000

Using formula 2, the approximate standard error is

$$\sqrt{(-0.0001005)(472,000)^2 + (9,286)(472,000)} = 66,000$$

Using the standard error based on formula 2, the approximate 90-
percent confidence interval as shown by the data is from 366,000
to 578,000. 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.

Suppose the combined SIPP estimate for total number of households for Wave 5, 1990 panel and Wave 2, 1991 panel was 92,398,000. The combined panel parameters for total households are obtained by multiplying the appropriate "a" and "b" values from table 6 by the appropriate factors from tables 15 and 16. The 1991 parameters and factors are a = -0.0001005, b = 9,286, g = 0.4163 and factor = 1.0000, respectively. Thus, the combined panel parameters are a = -0.0000418 and b = 3,866. Using formula 2, the approximate standard error is

$$S = \sqrt{(-0.0000418)(92,398,000)^2 + (3866)(92,398,000)} = 19,000$$

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

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

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

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

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

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

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

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

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

$$\overline{x} = \sum_{j=1}^{c} p_j m_j.$$

In the second method, the estimated population variance is given by

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

where there are n units with the item of interest and w_i is the final weight for unit i. The mean, $\overline{x}$, 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) from the section on combined panel estimates, 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 1991 is given in table 14.

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

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

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

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

$$s_{\bar{x}} = \sqrt{\left(\frac{7,514}{39,851,000}\right)(3,159,887)} = \$24$$

Standard error of an aggregate. An aggregate is defined to be the total quantity of an item summed over all the units in a

group. The standard error of an aggregate can be approximated using formula 6.

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

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

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

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

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

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

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

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

Alternatively, it may be approximated by the formula

$$s_{(x,p)} = \sqrt{\frac{b}{x} (p) (100-p)}$$ (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 1991, 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 10,110 from table 6 and a factor of 1 for the month of January 1991 from table 7, the approximate standard error is

$$\sqrt{\frac{10,110}{(16,812,000)} (6.7) (100-6.7)} = 0.61 \; percent$$

Consequently, the 90 percent confidence interval as shown by these data is from 5.7 to 7.7 percent.

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

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

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

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

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

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

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

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

Illustration.

Suppose that in January 1991, 9.8% of the households own rental property, the mean value of rental property is $72,121, the mean value of assets is $78,734, and the corresponding standard errors are 0.31%, $5799, and $2867. In total there are 86,790,000 households. Then, the percent of all household assets held in rental property is

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

Using formula (9), the appropriate standard error is

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

$$= 0.008$$

$$= 0.8\%$$

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

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

where s_x and s_y are the standard errors of the estimates x and y.

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

Illustration.

Suppose that SIPP estimates show the number of persons age 35-44 years with monthly cash income of $4,000 to $4,999 was 3,186,000 in the month of January 1991 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 153,000 and 139,000, respectively. The difference in sample estimates is 567,000 and, using formula 10, the approximate standard error of the difference is

$$\sqrt{(153,000)^2 + (139,000)^2} = 207,000$$

Suppose that it is desired to test at the 10 percent significance level whether the number of persons with monthly cash income of $4,000 to $4,999 was different for persons age 35-44 years than for persons age 25-34 years. To perform the test, compare the difference of 567,000 to the product 1.6 x 207,000 = 331,200. 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 with more of the item is equal to the smaller percentage found in step 2. This quantity will be the upper limit for the 68-percent confidence interval. In a similar fashion, calculate the quantity of the item such that the percent of the group with more of the item is equal to the larger percentage found in step 2. This quantity will be the lower limit for the 68-percent confidence interval;

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

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

of the item of interest. Interpolation is used as follows. The quantity of the item such that "p" percent have more of the item is

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

if Pareto Interpolation is indicated and

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

if linear interpolation is indicated, where

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

Illustration.

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

1. Using formula 8, the standard error of 50 percent on a base of 39,851,000 is about 0.7 percentage points.

2. Following step 2, the two percentages of interest are 49.3 and 50.7.

3. By examining table 14, we see that the percentage 49.3 falls in the income interval from 2000 to 2499. (Since 55.5% receive more than $2,000 per month, the dollar value corresponding to 49.3 must be between $2,000 and $2,500). Thus, A_1 = $2,000, A_2 = $2,500, N_1 = 22,106,000, and N_2 = 16,307,000.

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

$$\$2,000 \; exp \left[\left(Ln \left(\frac{(.493)(39,851,000)}{22,106,000} \right) \middle/ Ln \left(\frac{16,307,000}{22,106,000} \right) \right) Ln \left(\frac{2,500}{2,000} \right) \right] = \$2181$$

Also by examining table 14, we see that 50.7 falls in the same income interval. Thus, A_1, A_2, N_1 and N_2 are the same. We also use Pareto interpolation for this case. So the lower bound of a 68% confidence interval for the median is

$$\$2,000 \; exp \left[\left(Ln \left(\frac{(.507)(39,851,000)}{22,106,000} \right) \middle/ Ln \left(\frac{16,307,000}{22,106,000} \right) \right) Ln \left(\frac{2,500}{2,000} \right) \right] = \$2136$$

Thus, the 68-percent confidence interval on the estimated median is from $2136 to $2181. An approximate standard error is

$$\frac{\$2181 - \$2136}{2} = \$23$$

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

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

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

Table 1. 1991 Panel Topical Modules

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

6	Extended Measures of Wellbeing
	  (Consumer Durables,
	  Living Conditions,
	  Basic Needs,
	  Expenditures,
	  Minimum Income)

7	Assets and Liabilities Retirement Expectations and Pension Plan Coverage Real Estate Property and Vehicles
8	Taxes Annual Income and Retirement Accounts School Enrollment and Financing

Table 2. 1990 Panel Topical Modules

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

Table 3. Reference Months for Each Interview Month - 1991 Panel

Reference Period

Month of Interview	Wave/ Rotation	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 4. Reference Months for Each Interview Month - 1990 Panel

Reference Period

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

8-25

		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

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

- indicates no metropolitan subsample is identified for the state

Table 6: SIPP Indirect Generalized Variance Parameters for the
1991 Panel

Characteristics[1]	Parameters		
PERSONS Total or White	a	b	f
16+ Program Participation and Benefits, Poverty (3)			
Both Sexes	-0.0001342	22,040	0.90
Male	-0.0002789	22,040	
Female	-0.0002587	22,040	
16+ Income and Labor Force (5)			
Both Sexes	-0.0000407	7,514	0.52
Male	-0.0000850	7,514	
Female	-0.0000778	7,514	
16+ Pension Plan[2] (4)			
Both Sexes	-0.0000744	13,761	0.71
Male	-0.0001556	13,761	
Female	-0.0001425	13,761	
All Others[2] (6)			
Both Sexes	-0.0001134	27,327	1.00
Male	-0.0002334	27,327	
Female	-0.0002203	27,327	
Black			
Poverty (1)			
Both Sexes	-0.0006397	18,800	0.83
Male	-0.0013668	18,800	
Female	-0.0012028	18,800	
All Others (2)			
Both Sexes	-0.0003441	10,110	0.61
Male	-0.0007350	10,110	
Female	-0.0006468	10,110	
HOUSEHOLDS			
Total or White	-0.0001005	9,286	1.00
Black	-0.0006115	6,416	0.83

---

[1]   To account for sample attrition, multiply the a and b
parameters by 1.09 for estimates which include data
from Wave 5 and beyond.

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

[2]   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.

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

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

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

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

Size of Estimate	Standard Error[1]	Size of Estimate	Standard Error[1]
200	43	15,000	342
300	53	25,000	412
500	68	30,000	434
750	83	40,000	459
1,000	96	50,000	462
2,000	135	60,000	442
3,000	164	70,000	397
5,000	210	80,000	316
7,500	253	90,000	147
10,000	288	92,000	61

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

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

Size of Estimate	Standard Error	Size of Estimate	Standard Error
200	74	50,000	1041
300	90	80,000	1208
600	128	100,000	1264
1,000	165	130,000	1279
2,000	233	135,000	1274
5,000	366	150,000	1244
8,000	460	160,000	1212
11,000	536	180,000	1116
13,000	580	200,000	964
15,000	620	210,000	859
17,000	657	220,000	723
22,000	739	230,000	535
26,000	796	240,000	163
30,000	847		

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

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

Base of Estimated Percentage (Thousands)	Estimated Percentages[1]					
	≤ 1 or ≥ 99	2 or 98	5 or 95	10 or 90	25 or 75	50
200	2.1	3.0	4.7	6.5	9.3	10.8
300	1.8	2.5	3.8	5.3	7.6	8.8
500	1.4	1.9	3.0	4.1	5.9	6.8
750	1.1	1.6	2.4	3.3	4.8	5.6
1,000	1.0	1.3	2.1	2.9	4.2	4.8
2,000	0.68	1.0	1.5	2.0	3.0	3.4
3,000	0.55	0.78	1.2	1.7	2.4	2.8
5,000	0.43	0.60	0.9	1.3	1.9	2.2
7,500	0.35	0.49	0.8	1.1	1.5	1.8
10,000	0.30	0.43	0.66	0.9	1.3	1.5
15,000	0.25	0.35	0.54	0.75	1.1	1.2
25,000	0.19	0.27	0.42	0.58	0.8	1.0
30,000	0.18	0.25	0.38	0.53	0.76	0.9
40,000	0.15	0.21	0.33	0.46	0.66	0.76
50,000	0.14	0.19	0.30	0.41	0.59	0.68
60,000	0.12	0.17	0.27	0.37	0.54	0.62
70,000	0.11	0.16	0.25	0.35	0.50	0.58
80,000	0.11	0.15	0.23	0.32	0.47	0.54
90,000	0.10	0.14	0.22	0.30	0.44	0.51
92,000	0.10	0.14	0.22	0.30	0.44	0.50

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

Table 11. Standard Errors of Estimated Percentages of Persons

Base of Estimated Percentage (Thousands)	Estimated Percentages					
	≤ 1 or ≥ 99	2 or 98	5 or 95	10 or 90	25 or 75	50
200	3.7	5.2	8.1	11.1	16.0	18.5
300	3.0	4.2	6.6	9.1	13.1	15.1
600	2.1	3.0	4.7	6.4	9.2	10.7
1,000	1.6	2.3	3.6	5.0	7.2	8.3
2,000	1.2	1.6	2.5	3.5	5.1	5.8
5,000	0.74	1.0	1.6	2.2	3.2	3.7
8,000	0.58	0.8	1.3	1.8	2.5	2.9
11,000	0.50	0.70	1.1	1.5	2.2	2.5
13,000	0.46	0.64	1.0	1.4	2.0	2.3
17,000	0.40	0.56	0.9	1.2	1.7	2.0
22,000	0.35	0.49	0.8	1.1	1.5	1.8
26,000	0.32	0.45	0.71	1.0	1.4	1.6
30,000	0.30	0.42	0.66	0.9	1.3	1.5
50,000	0.23	0.33	0.51	0.70	1.0	1.2
80,000	0.18	0.26	0.40	0.55	0.8	0.9
100,000	0.16	0.23	0.36	0.50	0.72	0.8
130,000	0.14	0.20	0.32	0.43	0.63	0.72
200,000	0.12	0.16	0.25	0.35	0.51	0.58
220,000	0.11	0.16	0.24	0.33	0.48	-0.56
230,000	0.11	0.15	0.24	0.33	0.47	0.55
240,000	0.11	0.15	0.23	0.32	0.46	0.53

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

Table 12. 1991 Topical Module Generalized Variance Parameters[1]

	a	b
Fertility		
# Women	-0.0000748	6,119
Births	-0.0000670	11,158
Educational Attainment[2]		
Wave 2	-0.0000457	8,335
Wave 5	-0.0000511	9,085
Wave 8	-0.0000511	9,085
Marital Status and Person's Family Characteristics		
Some HH members	-0.0000644	12,613
All HH members	-0.0000804	15,326
Child Support		
Wave 3	-0.0000883	9,286
Support for non-household members		
Wave 3	-0.0000961	9,286
Health and Disability	-0.0000499	12,014
0-15 Child Care		
Wave 3	-0.0001340	7,514
Welfare History and AFDC		
Both sexes 18+	-0.0001241	22,040
Males 18+	-0.0002604	22,040
Females 18+	-0.0002372	22,040

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[1] Use the "16+ Income and Labor Force" core parameter for tabulations of reasons for not working/reservation wage and work related income.

[2] The parameter also applies to the School Enrollment and Finance Topical Module Subject.

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

	a	b
Educational Attainment		
1990 Wave 5/1991 Wave 2	-0.0000190	3,470
1990 Wave 8/1991 Wave 5	-0.0000201	3,582
Support for non-household members		
1990 Wave 6/1991 Wave 3	-0.0000400	3,866
Health and Disability		
1990 Wave 6/1991 Wave 3	-0.0000208	5,001
0-15 Child Care		
1990 Wave 6/1991 Wave 3	-0.0000558	3,128
Child Support		
1990 Wave 6/1991 Wave 3	-0.0000368	3,866

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 1991 Base Parameters
to Obtain the 1990, 1991 Combined Panel Parameters[1]**

Waves to be Combined

1990 panel	1991 panel	g factor[2]
5	2	0.4163
6	3	0.4163
7	4	0.4163
8	5	0.3943

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[1] When deriving estimates based on two or more waves of
data from the same panel, choose the corresponding g-
factor with the greatest value. Apply only this factor
to the base parameter.

Table 16. Factors to be Applied to Base Parameters to Obtain Combined Panel Parameters for Estimates[1] from Various Reference Periods.

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

[1] Estimates are based on monthly averages.

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

Subject: 1991 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 1990 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

1991 Wave 2 SIPP Imputation Rates--Unweighted Data

Source Code	Number in Universe(a)	Number Imputed(b)	Imputation Rate(b/a)
8218	17340	3839	22.1%
8220	17340	1227	7.0
8224	15843	2018	12.7
8226	13819	1759	12.7
8228	8457	1921	22.7
8230	15843	1151	7.2
8232	15843	1228	7.7
8236	14403	1461	10.1
8240	3394	1366	40.2
8242-8244 *	4548	548	12.0
8246	1154	305	26.4
8248	15693	2997	19.0
8250-8252 *	17340	2562	14.7
8266	15874	3076	19.3
8268	15874	5503	34.6
8270	15874	3641	22.9
8272	15874	2959	18.6
8274	15874	4366	27.5
8276	15278	3545	23.2
8278	3542	445	12.5
8282	2394	346	14.4
8286	7907	722	9.1
8288	4150	556	13.3
8290	4150	534	12.8
8292	4150	508	12.2
8294	4150	315	7.5
Industry +	15874	3074	19.3
Occupation ++	15874	3074	19.3

* These items were jointly imputed.
+   Questions 6b-6d
++ Questions 6e-6f

Subject: Review of the SIPP 1991 Panel Wave 2 Marital
            History Data

The marital history data from the SIPP 1991 panel, wave 2 topical
module appear to be of reasonable quality, based on comparisons
with previous SIPP panels of wave 2 and, where possible, data
from the June Marital History Supplement to the CPS and vital
records from National Center for Health Statistics (NCHS).

The numbers of marriages by year of marriage reported in
wave 2 of the 1991 panel were generally low when compared to
NCHS, particularly for the years 1975, 1983, 1984, and 1986
(see table 1). For marriages in the years 1975, 1984, and 1986,
the 1991 panel was also low when compared to previous SIPP panels
of wave 2, but was closer to the NCHS figures for years prior to
1982 (excluding 1975). The results from the 1991 panel are
similar to the June 1990 CPS results.

Divorces by year of divorce from wave 2 of the 1991 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 earlier SIPP data sets as well as in the
June 1985 and 1990 CPS.

Year of marriage in wave 2 of the 1991 panel was allocated
13 percent of the time for males and 9 percent of the time for
females. These rates are comparable to the allocation rates
for wave 2 of the 1988 and 1990 panels (12 percent for males and
8 percent for females in each year). The allocation rates across
all panels for year of first marriage are quite high for the
earlier years, with highest rates in the 1960's for wave 2 of
the 1990 and 1991 SIPP panels.

The estimates on month of marriage from SIPP fluctuate from 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 estimates on number of times married from wave 2 of the 1991
panel appear to be reasonable when compared to estimates from
earlier SIPP panels and to 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 to
65 years old only.)

The distribution and numbers of persons by current marital status
from wave 2 of the 1991 panel also look quite reasonable (see
table 6). The estimated number of persons who are currently
divorced appears slightly high across the SIPP panels when
compared to the March CPS estimates. Although, in general, the
marital status distribution from wave 2 of the 1991 panel agrees
with the March 1991 CPS marital status distribution. (The
marital status in table 6 is shown for ever-married persons only,
as the never-married category was not coded in the 1991 SIPP
panel.)

None of the statements presented here have been tested for
statistical significance.

Attachments

Table 1. Marriages by Year of Marriage for Females
(Reflects only 3 marriages for women married more than 3 times. Numbers in thousands)

	SIPP								CPS	
Year	Wave 8 1984 Panel	Wave 4 1985 Panel	Wave 2 1986 Panel	Wave 2 1987 Panel	Wave 2 1988 Panel	Wave 2 1990 Panel	Wave 2 1991 Panel	NCHS	June 1985	June 1990 ++
1990	-	-	-	-	-	-	2588	2448	-	
1989	-	-	-	-	-	2298	2524	2404	-	2243
1988	-	-	-	-	1035 +	2621	2284	2389	-	2266
1987	-	-	-	1187 +	2204	2366	2313	2403	-	2365
1986	-	289 +	1236 +	2369	2348	2195	2049	2407	-	2244
1985	1908	2072	2200	2388	2563	2424	2426	2413	925 +	2336
1984	1862	2058	2579	2510	2492	2353	2128	2477	2363	2155
1983	1988	2413	2356	2528	2274	2366	2317	2446	2413	2224
1982	2396	2282	2477	2296	2230	2415	2244	2456	2379	2352
1981	2221	2207	2445	2268	2577	2045	2279	2422	2365	2236
1980	2345	2467	2377	2387	2570	2320	2449	2390	2416	2474
1975	2232	2115	1961	2165	2289	2098	1939	2153	2206	2222
1970	2304	2098	1952	2057	1956	2057	2195	2159	2234	2282
1965	1737	1528	1723	1644	1733	1641	1705	1800	1712	1624
1960	1500	1463	1566	1492	1347	1349	1442	1523	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 a partial year of data.
++ Data for women 15 through 65 years old only.

Table 2. Divorces by Year of Divorce for Females
(For women married more than 3 times, divorce data refer only to first, second, and last marriage. Numbers in thousands)

Year	SIPP Wave 8 1984 Panel	Wave 4 1985 Panel	Wave 2 1986 Panel	Wave 2 1987 Panel	Wave 2 1988 Panel	Wave 2 1990 Panel	Wave 2 1991 Panel	NCHS	CPS June 1985	CPS June 1990 ++
1990	-	-	-	-	-	-	1039	1175	-	
1989	-	-	-	-	-	898	1039	1163	-	999
1988	-	-	-	-	616 +	904	980	1183	-	1012
1987	-	-	-	571 +	944	1113	957	1166	-	900
1986	-	207 +	495 +	869	944	844	898	1178	-	917
1985	765	966	1091	1005	1062	1204	1057	1190	516 +	986
1984	665	869	867	1126	1082	956	938	1169	1062	963
1983	725	1100	1146	1028	1011	794	792	1158	939	836
1982	912	857	1089	1048	1034	1159	816	1170	918	992
1981	651	799	1037	864	1015	802	924	1213	1035	922
1980	770	1109	1029	930	1116	1016	1076	1189	1075	1057
1975	638	849	896	886	812	819	880	1036	796	793
1970	440	579	594	582	481	549	559	708	561	538
1965	261	441	323	481	314	347	339	479	392	286
1960	245	220	252	257	368	225	334	393	284	180

+ 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)

SIPP

Year	Wave 8* 1984 Panel		Wave 4 1985 Panel		Wave 2 1986 Panel		Wave 2 1987 Panel		Wave 2 1988 Panel		Wave 2 1990 Panel		Wave 2 1991 Panel	
	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
1990	-	-	-	-	-	-	-	-	-	-	-	-	6.3	3.2
1989	-	-	-	-	-	-	-	-	-	-	8.4	1.2	7.7	3.7
1988	-	-	-	-	-	-	-	-	13.9	4.0	7.5	2.8	6.2	5.6
1987	-	-	-	-	-	-	-	-	6.4	1.0	8.2	4.0	5.7	5.3
1986	-	-	-	-	-	-	6.5	3.4	9.1	5.9	12.3	3.8	9.0	5.0
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	6.0	4.9
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	7.0	8.5
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	10.2	3.9
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	8.7	3.5
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	6.3	2.7
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	10.4	2.2
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	10.2	5.5
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	12.8	7.9
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	18.4	10.4
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	16.5	11.3
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	14.9	8.6
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	13.0	9.7
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	11.8	7.7
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	13.4	13.2

* 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
(Numbers in thousands)

| | 1985 Marriages | | | | | | | 1986 Marriages | | | | |
| | SIPP | | | | | | | SIPP | | | | |
	Wave 4 1985 Panel	Wave 2 1986 Panel	Wave 2 1987 Panel	Wave 2 1988 Panel	Wave 2 1990 Panel	Wave 2 1991 Panel	NCHS	Wave 2 1987 Panel	Wave 2 1988 Panel	Wave 2 1990 Panel	Wave 2 1991 Panel	NCHS
Total	2,072	2,200	2,388	2,563	2,424	2,426	2,413	2,369	2,348	2,195	2,050	2,407
January	56	108	136	173	95	109	117	119	129	70	136	116
February	109	129	217	161	154	103	139	122	205	144	113	146
March	139	144	97	157	151	155	164	115	141	135	123	154
April	182	135	188	161	201	176	179	216	250	152	136	182
May	176	202	128	206	280	270	229	263	273	263	179	245
June	310	230	338	366	329	385	295	247	249	311	234	273
July	158	204	218	219	245	132	219	238	146	161	202	216
August	231	308	271	305	248	274	264	234	256	211	200	269
September	181	185	242	174	155	263	225	273	164	250	183	220
October	170	180	157	209	193	232	203	206	190	170	172	209
November	198	195	143	242	222	187	187	149	179	167	158	186
December	164	181	251	188	149	140	190	188	166	160	214	190
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
January	2.7	4.9	5.7	6.7	3.9	4.5	4.9	5.0	5.5	3.2	6.6	4.8
February	5.3	5.9	9.1	6.3	6.4	4.2	5.7	5.1	8.7	6.6	5.5	6.1
March	6.7	6.5	4.1	6.1	6.2	6.4	6.8	4.9	6.0	6.2	6.0	6.4
April	8.8	6.1	7.9	6.3	8.3	7.3	7.4	9.1	10.6	6.9	6.6	7.6
May	8.5	9.2	5.4	8.0	11.6	11.1	9.5	11.1	11.6	12.0	8.7	10.2
June	15.0	10.5	14.2	14.3	13.6	15.9	12.2	10.4	10.6	14.2	11.4	11.4
July	7.6	9.3	9.1	8.5	10.1	5.4	9.1	10.0	6.2	7.3	9.9	9.0
August	11.1	14.0	11.3	11.9	10.2	11.3	11.0	9.9	10.9	9.6	9.8	11.2
September	8.7	8.4	10.1	6.8	6.4	10.8	9.3	11.5	7.0	11.4	8.9	9.1
October	8.2	8.2	6.6	8.2	8.0	9.6	8.4	8.7	8.1	7.7	8.4	8.7
November	9.6	8.9	6.0	9.4	9.2	7.7	7.7	6.3	7.6	7.6	7.7	7.7
December	7.9	8.2	10.5	7.3	6.1	5.8	7.9	7.9	7.1	7.3	10.4	7.9

| | 1987 Marriages | | | | 1988 Marriages | | | 1989 Marriages | | | 1990 Marriages | |
| | SIPP | | | | SIPP | | | SIPP | | | SIPP | |
	Wave 2 1988 Panel	Wave 2 1990 Panel	Wave 2 1991 Panel	NCHS	Wave 2 1990 Panel	Wave 2 1991 Panel	NCHS	Wave 2 1990 Panel	Wave 2 1991 Panel	NCHS	Wave 2 1991 Panel	NCHS
Total	2,204	2,366	2,313	2,403	2,621	2,284	2,389	2,298	2,524	2,404	2,588	2,448
January	122	146	112	117	111	96	120	154	71	117	169	121
February	149	177	173	160	91	153	121	147	205	126	210	143
March	117	145	128	149	163	119	175	155	158	159	112	161
April	122	195	149	176	233	119	181	207	228	185	193	177
May	269	233	252	247	201	215	223	177	246	228	219	247
June	232	273	269	269	330	309	277	211	269	291	301	274
July	234	254	132	214	337	235	226	173	205	217	262	224
August	222	205	299	255	222	287	243	196	257	245	219	264
September	219	240	247	229	235	225	229	232	283	231	270	236
October	270	234	199	223	242	233	218	227	189	210	219	219
November	122	118	183	175	225	126	176	221	177	188	174	190
December	127	147	172	189	231	168	200	199	236	208	241	191
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
January	5.5	6.2	4.8	4.9	4.2	4.2	5.0	6.7	2.8	4.9	6.5	4.9
February	6.8	7.5	7.5	6.7	3.5	6.7	5.1	6.4	8.1	5.2	8.1	5.8
March	5.3	6.1	5.5	6.2	6.2	5.2	7.3	6.7	6.3	6.6	4.3	6.6
April	5.5	8.2	6.4	7.3	8.9	5.2	7.6	9.0	9.0	7.7	7.5	7.2
May	12.2	9.8	10.9	10.3	7.7	9.4	9.3	7.7	9.7	9.5	8.5	10.1
June	10.5	11.5	11.6	11.2	12.6	13.5	11.6	9.2	10.7	12.1	11.6	11.2
July	10.6	10.7	5.7	8.9	12.9	10.3	9.5	7.5	8.1	9.0	10.1	9.2
August	10.1	8.7	12.9	10.6	8.5	12.6	10.2	8.5	10.2	10.2	8.5	10.8
September	9.9	10.1	10.7	9.5	9.0	9.9	9.6	10.1	11.2	9.6	10.4	9.6
October	12.3	9.9	8.6	9.3	9.2	10.2	9.1	9.9	7.5	8.7	8.5	8.9
November	5.5	5.0	7.9	7.3	8.6	5.5	7.4	9.6	7.0	7.8	6.7	7.8
December	5.8	6.2	7.4	7.9	8.8	7.4	8.4	8.7	9.4	8.7	9.3	7.8

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

Table 5. Number of Times Married by Sex for Ever-Married Persons 15 Years Old and Over
(Numbers in thousands)

Subject MALE*	SIPP						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	Wave 2 1991 Panel 6/91-9/91	June 1985
Total	61,342	62,035	63,036	64,060	64,881	65,783	61,085
Married once	49,287	49,299	49,524	50,522	50,800	51,569	50,622
Married twice	9,930	10,396	11,087	10,874	11,455	11,652	8,842
Married 3 or more times	2,124	2,340	2,425	2,665	2,625	2,561	1,621
Percent	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Married once	80.3	79.5	78.6	78.9	78.3	78.4	82.9
Married twice	16.2	16.8	17.6	17.0	17.7	17.7	14.5
Married 3 or more times	3.5	3.8	3.8	4.2	4.0	3.9	2.7

FEMALE	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	Wave 2 1991 Panel 6/91-9/91	CPS	
							June 1985	June 1990 **
Total	73,757	74,528	75,502	76,189	76,997	78,039	73,970	61,762
Married once	59,515	59,364	60,303	60,336	60,898	62,067	60,281	49,725
Married twice	11,848	12,837	12,328	13,280	13,347	12,874	11,684	10,152
Married 3 or more times	2,394	2,327	2,872	2,572	2,752	3,097	2,006	1,892
Percent	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Married once	80.7	79.7	79.9	79.2	79.1	79.5	81.5	80.5
Married twice	16.1	17.2	16.3	17.4	17.3	16.5	15.8	16.4
Married 3 or more times	3.2	3.1	3.8	3.4	3.6	4.0	2.7	3.1

* Tabulations for June 1990 CPS males have not been run at this time.
** Data for women 15 through 65 years old only.

Parts may not sum due to rounding.

Table 6. Marital Status of Ever-Married Persons 15 Years and Over
(Numbers in thousands)

	SIPP						CPS			
Subject	Wave4 1985 Panel	Wave 2 1986 Panel	Wave 2 1987 Panel	Wave 2 1988 Panel	Wave 2 1990 Panel	Wave 2 1991 Panel	March 1987	March 1988	March 1990	March 1991
Both sexes	135,098	136,562	138,536	140,249	141,878	143,821	137,503	138,956	141,570	142,217
Married, spouse present	103,341	103,915	104,637	105,352	106,059	107,061	104,571	105,226	106,513	106,454
Married, spouse absent	5,670	5,244	6,171	5,669	6,041	6,147	6,053	6,230	6,118	6,318
Separated	4,441	4,110	4,842	4,581	4,609	4,676	4,391	4,458	4,669	4,717
Other	1,229	1,134	1,329	1,088	1,432	1,471	1,662	1,772	1,450	1,601
Widowed	12,833	13,145	13,196	12,961	13,755	13,942	13,243	13,532	13,810	13,674
Divorced	13,253	14,258	14,533	16,267	16,023	16,671	13,635	13,968	15,128	15,772
Percent	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Married, spouse present	76.5	76.1	75.5	75.1	74.8	74.4	76.0	75.7	75.2	74.9
Married, spouse absent	4.2	3.8	4.5	4.0	4.3	4.3	4.4	4.5	4.3	4.4
Separated	3.3	3.0	3.5	3.3	3.2	3.3	3.2	3.2	3.3	3.3
Other	0.9	0.8	1.0	0.8	1.0	1.0	1.2	1.3	1.0	1.1
Widowed	9.5	9.6	9.5	9.2	9.7	9.7	9.6	9.7	9.8	9.6
Divorced	9.8	10.4	10.5	11.6	11.3	11.6	9.9	10.1	10.7	11.1

Note: Never married not included in total for comparability with Wave 2 1991 panel.

Subject: 1991 SIPP Wave 2 Migration History Topical Module

The 1991 SIPP Wave 2 data from the Migration History topical
module are internally consistent, have reasonable imputation
rates, and provide acceptable estimates of numbers of movers.
All of the items are internally consistent. The imputation rates
are 6.3 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 4.9 and 9.7 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 24.5 percent of the cases. The other items on
month were given values for about 11 (month of moving into
current residence) 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 1991 SIPP data appear reasonable in comparison
with estimates from the Current Population Survey. The number of
persons 15 years and older who changed residence between April
1990 and March 1991 was 31,682,000 according to the SIPP; the
corresponding estimate from the CPS was 32,326,000 (see table A).
The estimated mobility rate (proportion of persons moving) for
1990-91 was 16.3 percent from the SIPP and 16.7 percent from the
CPS. The differences between the SIPP and CPS estimates of
number of recent movers and rate of moving are not statistically
significant at the 90-percent confidence level.

The sex and age compositions of recent movers from the two
surveys are also similar (see table B). The SIPP estimates of
48.9 percent males and 51.1 percent females among recent movers
15 years and older are not statistically different, at the 90
percent confidence level, from the CPS estimates of 49.6 percent
males and 50.4 percent females. The proportions of movers by age
group also correspond closely between the two surveys. There are
no statistically significant differences in proportions of recent
movers from the two surveys for the age-sex groups shown in table
B.

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 1990 to March 1991
also made a later move (after March 1991). Geographical
information in the SIPP module is only obtained for the most
recent move, which for those movers is the move after March 1991,
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 C.

The geography of moves from the two surveys is different. The
SIPP moving population had a relative overrepresentation of
within-county movers and underrepresentation of longer-distance
movers. About 70 percent of recent moves reported in the SIPP
were intracounty compared with 59 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 C 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 15 years of Age and Older from the SIPP
           and CPS: 1990-91

| | 1991 SIPP Wave 2 | | March 1991 |
	Unweighted	Weighted (000's)	CPS Total
Total	27,671	194,342	193,520
Same house	23,671	162,660	161,193
Different house	4,514	31,682	32,326
Mobility rate	16.3	16.3	16.7

Table B.   Sex and Age of Recent Movers 15 Years of Age and Older
           from the SIPP and CPS: 1990-91

(Numbers weighted and in thousands)

| | Total Movers | | Percent of Movers | |
	SIPP	CPS	SIPP	CPS
Both sexes	31,682	32,326	100.0	100.0
15-19 years	2,501	2,999	7.9	9.3
20-24 years	5,976	6,353	18.9	19.7
25-29 years	6,661	6,766	21.0	20.9
30-34 years	5,032	4,786	15.9	14.8
35-44 years	5,883	5,697	18.6	17.6
45-54 years	2,691	2,662	8.5	8.2
55-64 years	1,616	1,571	5.1	4.9
65 years and over	1,321	1,492	4.2	4.6
Males	15,481	16,028	48.9	49.6
15-19 years	1,095	1,418	3.5	4.4
20-24 years	2,647	2,974	8.4	9.2
25-29 years	3,444	3,530	10.9	10.9
30-34 years	2,579	2,510	8.1	7.8
35-44 years	2,969	2,863	9.4	8.9
45-54 years	1,445	1,358	4.6	4.2
55-64 years	762	785	2.4	2.4
65 years and over	540	590	1.7	1.8
Females	16,201	16,297	51.1	50.4
15-19 years	1,406	1,582	4.4	4.9
20-24 years	3,329	3,379	10.5	10.5
25-29 years	3,217	3,236	10.2	10.0
30-34 years	2,453	2,276	7.7	7.0
35-44 years	2,914	2,834	9.2	8.8
45-54 years	1,246	1,303	3.9	4.0
55-64 years	854	786	2.7	2.4
65 years and over	781	901	2.5	2.8

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

Table C. Recent Movers 15 Years of Age and Older from
the SIPP and CPS, by Type of Move: 1990-91

(Includes all persons from the March 1991 CPS who moved during the
preceding 12 months: includes only those persons from the 1991 SIPP
whose last move was between April 1990 and March 1991. Based on
weighted estimates)

	1991 SIPP Wave 2	March 1991 CPS
PERCENTS		
All movers	100.0	100.0
Same State		
Same county	70.4	59.3
Different county	17.1	19.5
Different State	10.7	17.7
From abroad	1.8	3.5

Table C. Recent Movers 15 Years of Age and Older from
the SIPP and CPS, by Type of Move: 1990-91

(Includes all persons from the March 1991 CPS who moved during the
preceding 12 months: includes only those persons from the 1991 SIPP
whose last move was between April 1990 and March 1991. Based on
weighted estimates)

	1991 SIPP Wave 2	March 1991 CPS
PERCENTS		
All movers	100.0	100.0
Same State		
Same county	70.4	59.3
Different county	17.1	19.5
Different State	10.7	17.7
From abroad	1.8	3.5

Subject: Review of SIPP 1991 Panel, Wave 2 Fertility History Module

Fertility history data from the SIPP 1991 Panel, Wave 2 topical module appear to be of average quality for cross-sectional analysis but are severely lacking in quality for fertility analysis for the retrospective periods shown in table 2. In 1991, only 3.8 million births were recorded in the SIPP panel, compared to approximately 4.1 million actually born as by Vital Statistics.

THE ITEMS

Children ever born–Distributions of children ever born from SIPP based on June-September 1991 interviews are appear to follow the same distribution patterns and children ever born levels of those based on the June 1990 Current Population Survey (CPS). Nonresponse rates, as they have been in all SIPP-CPS comparisons, 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 and as still unexplainable.

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.) Even 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 erratic relative to those from Vital Statistics. Differences of 700,000 births per quinquennia are typical in a saw-tooth fashion for time periods shown in this table. The sample of women in this module is smaller than in previous panels (12 thousand women 15-64 years old) which could account for this more uneven movement, especially in the 1970s. The drop in first births by 1 million between 1980-84 and 1985-89 point to severe estimation problems for this period.

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.

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 1991 Panel, Wave 2 and June 1990 CPS

(Numbers in thousands)

Marital status, age and survey	Number of persons	Total	Number of children ever born							Births per 1,000	Percent imputed[1]/
			None	1	2	3	4	5-6	7+		
ALL WOMEN											
SIPP											
15-19	8,226	100.0	92.0	6.3	1.5	0.2	-	-	-	100	11.6
20-24	9,162	100.0	65.6	20.9	9.7	3.0	0.6	0.2	-	529	11.6
25-29	10,352	100.0	45.0	21.7	20.4	10.4	1.9	0.5	0.1	1,046	7.8
30-34	11,314	100.0	24.2	23.0	29.6	15.3	5.3	2.3	0.3	1,635	7.0
35-39	10,366	100.0	18.5	17.3	33.2	19.1	7.7	3.5	0.6	1,953	6.9
40-44	9,426	100.0	15.6	15.8	37.4	20.1	6.7	3.8	0.7	2,031	7.4
45-64	24,474	100.0	10.0	11.1	28.0	21.7	13.9	11.4	3.8	2,799	8.2
CPS											
15-19	8,483	100.0	91.9	6.7	1.1	0.3	-	0.1	-	101	8.6
20-24	9,154	100.0	64.6	20.0	10.5	3.4	1.1	0.2	0.1	574	7.2
25-29	10,637	100.0	42.1	23.9	22.2	8.2	2.7	0.9	0.1	1,089	7.4
30-34	11,091	100.0	25.7	21.7	30.7	15.0	4.6	1.9	0.3	1,589	8.9
35-39	10,111	100.0	17.7	18.1	35.6	18.5	6.2	3.3	0.5	1,909	10.6
40-44	8,905	100.0	16.0	16.9	35.0	19.4	8.0	3.9	0.9	2,045	11.5
EVER MARRIED											
SIPP											
15-19	337	100.0	30.1	43.7	22.1	4.1	-	-	-	1,002	15.5
20-24	3,390	100.0	38.8	34.9	19.1	5.5	1.2	0.4	-	967	7.9
25-29	6,921	100.0	31.4	25.2	27.4	12.8	2.5	0.7	0.1	1,327	5.6
30-34	9,268	100.0	15.9	23.8	34.4	16.9	6.1	2.6	0.2	1,829	5.3
35-39	9,157	100.0	12.7	17.4	36.2	21.2	8.3	3.6	0.6	2,107	6.3
40-44	8,643	100.0	10.5	15.8	40.2	21.7	7.1	4.0	0.7	2,163	7.4
45-64	23,338	100.0	7.2	10.9	29.0	22.7	14.4	11.9	3.9	2,901	8.0
CPS											
15-19	433	100.0	44.7	42.4	10.0	2.3	0.6	-	-	718	7.1
20-24	3,521	100.0	38.9	33.5	19.7	6.0	1.6	0.3	0.1	993	6.2
25-29	7,340	100.0	29.3	28.4	27.9	10.4	3.1	0.8	0.1	1,329	7.7
30-34	9,118	100.0	16.8	23.3	35.3	17.0	5.2	2.0	0.4	1,788	9.0
35-39	9,035	100.0	12.2	18.4	38.8	19.9	6.6	3.5	0.6	2,048	11.1
40-44	8,194	100.0	11.3	17.2	37.2	20.9	8.4	4.2	0.9	2,167	11.8
NEVER MARRIED											
SIPP											
15-19	7,889	100.0	94.6	4.7	0.6	0.1	-	-	-	61	11.4
20-24	5,771	100.0	81.3	12.6	4.2	1.5	0.3	0.1	-	272	13.8
25-29	3,431	100.0	72.4	14.8	6.4	5.5	0.9	0.1	-	478	12.9
30-34	2,046	100.0	61.6	19.6	7.5	7.7	1.7	1.3	0.5	757	14.7
35-39	1,209	100.0	62.4	17.0	10.4	3.7	3.5	2.7	0.3	786	11.9
40-44	783	100.0	71.6	15.2	6.6	2.2	2.7	0.8	0.9	571	7.8
45-64	1,136	100.0	68.6	16.6	6.2	1.3	4.2	2.3	0.8	695	13.2
CPS											
15-19	8,049	100.0	94.4	4.8	0.6	0.1	-	0.1	-	68	8.7
20-24	5,633	100.0	80.7	11.6	4.8	1.9	0.8	0.2	-	312	7.7
25-29	3,297	100.0	70.6	13.8	9.6	3.3	1.6	1.1	0.1	555	6.8
30-34	1,972	100.0	67.0	14.2	9.1	5.9	2.1	1.3	0.2	668	8.2
35-39	1,076	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 1991 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	7,922	6,514	751	122
1980-84	7,717	7,783	705	344
1975-79	6,911	5,926	532	500
1970-74	6,653	6,652	340	522
1965-69	6,273	5,547	298	398
1960-64	5,563	5,198	197	507

1/ Includes women born abroad of American parents or born in outlying areas.
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.

Table 3. Characteristics of Women Who Had a Birth in 1990, 1991: SIPP 1991 Panel-Wave 2, and the June 1990 Current Population Survey

(Percent distribution. Numbers in thousands)

Characteristics	SIPP [1]	CPS [1]
Number of births	3,813	3,913
Percent distribution	100.0	100.0
Birth order:		
First birth	44.0	39.4
Second birth	28.1	a60.6
Third birth	15.6	-
Fourth+ birth	12.3	-
Not stated	-	-
Age: [2]		
15-19	11.2	8.6
20-24	25.7	26.5
25-29	27.8	30.5
30-34	22.5	22.8
35-39	11.1	9.6
40-44	1.7	2.0
Marital status: [3]		
Currently married	72.3	76.7
Not married	27.7	23.3
Race:		
White	81.7	80.4
Black	12.4	15.7
All other races	5.8	4.9
Educational attainment: [4]		
Less than 12 years	22.6	20.9
12 years	37.0	40.6
13 to 15 years	22.8	19.9
16 or more years	17.6	18.7
Labor force status: [5]		
In labor force	49.2	52.9
Not in labor force	50.8	47.1
Hispanic origin:		
Hispanic	14.8	12.5
Not Hispanic	85.2	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 1991 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.

APPENDIX A-1

Income Source Code List

Code Income Sources

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

Code Asset List

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

Code Special Indicators

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

APPENDIX A-2

Income Sources Included in Monthly Cash Income

Earnings from Employment

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

Income from Assets (Property Income)

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

Other Income Sources

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

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

APPENDIX A-3

Sources of Means-Tested Benefits Covered in SIPP

Cash Benefits

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

Noncash Benefits

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

APPENDIX A-4

1980 Census of Population Occupation Classification System

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

MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS

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

Professional Specialty Occupations

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

058	Marine and naval architects (1637)
059	Engineers, n.e.c. (1639)
063	Surveyors and mapping scientists (164)
	Mathematical and Computer Scientists
064	Computer systems analysts and scientists (171)
065	Operations and systems researchers and analysts (172)
066	Actuaries (1732)
067	Statisticians (1733)
068	Mathematical scientists, n.e.c. (1739)
	Natural Scientists
069	Physicists and astronomers (1842, 1843)
073	Chemists, except biochemists (1845)
074	Atmospheric and space scientists (1846)
075	Geologists and geodesists (1847)
076	Physical scientists, n.e.c. (1849)
077	Agricultural and food scientists (1853)
078	Biological and life scientists (1854)
079	Forestry and conservation scientists (1852)
083	Medical scientists (1855)
	Health Diagnosing Occupations
084	Physicians (261)
085	Dentists (262)
086	Veterinarians (27)
087	Optometrists (281)
088	Podiatrists (283)
089	Health diagnosing practitioners, n.e.c. (289)
	Health Assessment and Treating Occupations
095	Registered nurses (29)
096	Pharmacists (301)
097	Dietitians (302)
	Therapists
098	Inhalation therapists (3031)
099	Occupational therapists (3032)
103	Physical therapists (3033)
104	Speech therapists (3034)
105	Therapists, n.e.c. (3039)
106	Physicians' assistants (304)
	Teachers, Postsecondary
113	Earth, environmental, and marine science teachers (2212)
114	Biological science teachers (2213)
115	Chemistry teachers (2214)
116	Physics teachers (2215)
117	Natural science teachers, n.e.c. (2216)
118	Psychology teachers (2217)
119	Economics teachers (2218)
123	History teachers (2222)
124	Political science teachers (2223)
125	Sociology teachers (2224)
126	Social science teachers, n.e.c. (2225)
127	Engineering teachers (2226)
128	Mathematical science teachers (2227)
129	Computer science teachers (2228)
133	Medical science teachers (2231)
134	Health specialties teachers (2232)
135	Business, commerce, and marketing teachers (2233)
136	Agriculture and forestry teachers (2234)

137	Art, drama, and music teachers (2235)
138	Physical education teachers (2236)
139	Education teachers (2237)
143	English teachers (2238)
144	Foreign language teachers (2242)
145	Law teachers (2243)
146	Social work teachers (2244)
147	Theology teachers (2245)
148	Trade and industrial teachers (2246)
149	Home economics teachers (2247)
153	Teachers, postsecondary, n.e.c. (2249)
154	Postsecondary teachers, subject not specified

Teachers, Except Postsecondary

155	Teachers, prekindergarten and kindergarten (231)
N(156)	Teachers, elementary school (232)
P(157)	Teachers, secondary school (233)
158	Teachers, special education (235)
159	Teachers, n.e.c. (236, 239)
163	Counselors, educational and vocational (24)

Librarians, Archivists, and Curators

164	Librarians (251)
165	Archivists and curators (252)

Social Scientists and Urban Planners

166	Economists (1912)
167	Psychologists (1915)
168	Sociologists (1916)
169	Social scientists, n.e.c. (1913, 1914, 1919)
173	Urban planners (192)

Social, Recreation, and Religious Workers

174	Social workers (2032)
175	Recreation workers (2033)
176	Clergy (2042)
177	Religious workers, n.e.c. (2049)

Lawyers and Judges

178	Lawyers (211)
179	Judges (212)

Writers, Artists, Entertainers, and Athletes

183	Authors (321)
184	Technical writers (398)
185	Designers (322)
186	Musicians and composers (323)
187	Actors and directors (324)
188	Painters, sculptors, craft-artists, and artist printmakers (325)
189	Photographers (326)
193	Dancers (327)
194	Artists, performers, and related workers, n.e.c. (328, 329)
195	Editors and reporters (331)
197	Public relations specialists (332)
198	Announcers (333)
199	Athletes (34)

TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS

Technicians and Related Support Occupations

Health Technologists and Technicians
203	Clinical laboratory technologists and technicians (362)
204	Dental hygienists (363)
205	Health record technologists and technicians (364)
206	Radiologic technicians (365)
207	Licensed practical nurses (366)
208	Health technologists and technicians, n.e.c. (369)

Technologists and Technicians, Except Health
Engineering and Related Technologists and Technicians
213	Electrical and electronic technicians (3711)
214	Industrial engineering technicians (3712)
215	Mechanical engineering technicians (3713)
216	Engineering technicians, n.e.c. (3719)
217	Drafting occupations (372)
218	Surveying and mapping technicians (373)

Science Technicians
223	Biological technicians (382)
224	Chemical technicians (3831)
225	Science technicians, n.e.c. (3832, 3833, 384, 389)

Technicians; Except Health, Engineering, and Science
226	Airplane pilots and navigators (825)
227	Air traffic controllers (392)
228	Broadcast equipment operators (393)
229	Computer programmers (3971, 3972)
233	Tool programmers, numerical control (3974)
234	Legal assistants (396)
235	Technicians, n.e.c. (399)

Sales Occupations

243	Supervisors and proprietors, sales occupations (40)

Sales Representatives, Finance and Business Services
253	Insurance sales occupations (4122)
254	Real estate sales occupations (4123)
255	Securities and financial services sales occupations (4124)
256	Advertising and related sales occupations (4153)
257	Sales occupations, other business services (4152)

Sales Representatives, Commodities Except Retail
258	Sales engineers (421)
259	Sales representatives, mining, manufacturing, and wholesale (423, 424)

Sales Workers, Retail and Personal Services
263	Sales workers, motor vehicles and boats (4342, 4344)
264	Sales workers, apparel (4346)
265	Sales workers, shoes (4351)
266	Sales workers, furniture and home furnishings (4348)
267	Sales workers; radio, TV, hi-fi, and appliances (4343, 4352)
268	Sales workers, hardware and building supplies (4353)
269	Sales workers, parts (4367)
274	Sales workers, other commodities (4345, 4347, 4354, 4356, 4359,4362, 4369)
275	Sales counter clerks (4363)
Q(276)	Cashiers (4364)
277	Street and door-to-door sales workers (4366)

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

Administrative Support Occupations, Including Clerical

	Supervisors, Administrative Support Occupations
303	Supervisors, general office (4511, 4513, 4514, 4516, 4519, 4529)
304	Supervisors, computer equipment operators (4512)
305	Supervisors, financial records processing (4521)
306	Chief communications operators (4523)
307	Supervisors; distribution, scheduling, and adjusting clerks (4522, 4524-4528)
	Computer Equipment Operators
308	Computer operators (4612)
309	Peripheral equipment operators (4613)
	Secretaries, Stenographers,and Typists
R(313)	Secretaries (4622)
314	Stenographers (4623)
315	Typists (4624)
	Information Clerks
316	Interviewers (4642)
317	Hotel clerks (4643)
318	Transportation ticket and reservation agents (4644)
319	Receptionists (4645)
323	Information clerks, n.e.c. (4649)
	Records Processing Occupations, Except Financial
325	Classified-ad clerks (4662)
326	Correspondence clerks (4663)
327	Order clerks (4664)
328	Personnel clerks, except payroll and timekeeping (4692)
329	Library clerks (4694)
335	File clerks (4696)
336	Records clerks (4699)
	Financial Records Processing Occupations
S(337)	Bookkeepers, accounting, and auditing clerks (4712)
338	Payroll and timekeeping clerks (4713)
339	Billing clerks (4715)
343	Cost and rate clerks (4716)
344	Billing, posting, and calculating machine operators (4718)
	Duplicating, Mail and Other Office Machine Operators
345	Duplicating machine operators (4722)
346	Mail preparing and paper handling machine operators (4723)
347	Office machine operators, n.e.c. (4729)
	Communications Equipment Operators
348	Telephone operators (4732)
349	Telegraphers (4733)
353	Communications equipment operators, n.e.c. (4739)
	Mail and Message Distributing Occupations
354	Postal clerks, exc. mail carriers (4742)
355	Mail carriers, postal service (4743)
356	Mail clerks, exc. postal service (4744)
357	Messengers (4745)
	Material Recording, Scheduling, and Distributing Clerks
359	Dispatchers (4751)

363	Production coordinators (4752)
364	Traffic, shipping, and receiving clerks (4753)
365	Stock and inventory clerks (4754)
366	Meter readers (4755)
368	Weighers, measurers, and checkers (4756)
369	Samplers (4757)
373	Expediters (4758)
374	Material recording, scheduling, and distributing clerks, n.e.c. (4759)

Adjusters and Investigators

375	Insurance adjusters, examiners, and investigators (4782)
376	Investigators and adjusters, except insurance (4783)
377	Eligibility clerks, social welfare (4784)
378	Bill and account collectors (4786)

Miscellaneous Administrative Support Occupations

379	General office clerks (463)
383	Bank tellers (4791)
384	Proofreaders (4792)
385	Data-entry keyers (4793)
386	Statistical clerks (4794)
387	Teachers' aides (4795)
389	Administrative support occupations, n.e.c. (4787, 4799)

SERVICE OCCUPATIONS

Private Household Occupations

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

Protective Service Occupations

Supervisors, Protective Service Occupations

413	Supervisors, firefighting and fire prevention occupations (5111)
414	Supervisors, police and detectives (5112)
415	Supervisors, guards (5113)

Firefighting and Fire Prevention Occupations

416	Fire inspection and fire prevention occupations (5122)
417	Firefighting occupations (5123)

Police and Detectives

418	Police and detectives, public service (5132)
423	Sheriffs bailiffs, and other law enforcement officers (5134)
424	Correctional institution officers (5133)

Guards

425	Crossing guards (5142)
426	Guards and police, exc. public service (5144)
427	Protective service occupations, n.e.c. (5149)

Service Occupations, Except Protective and Household

Food Preparation and Service Occupations

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

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

FARMING, FORESTRY, AND FISHING OCCUPATIONS

Farm Operators and Managers

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

Other Agricultural and Related Occupations

	Farm Occupations, Except Managerial
477	Supervisors, farm workers (5611)
479	Farm workers (5612-5617)
483	Marine life cultivation workers (5618)
484	Nursery workers (5619)
	Related Agricultural Occupations
485	Supervisors, related agricultural occupations (5621)
486	Groundskeepers and gardeners, except farm (5622)
487	Animal caretakers, except farm (5624)
488	Graders and sorters, agricultural products (5625)
489	Inspectors, agricultural products (5627)

Forestry and Logging Occupations

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

Fishers, Hunters, and Trappers

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

PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS

Mechanics and Repairers

503   Supervisors, mechanics and repairers (60)
     Mechanics and Repairers, Except Supervisors
       Vehicle and Mobile Equipment Mechanics and Repairers
X(505)   Automobile mechanics (pt 6111)
506   Automobile mechanic apprentices (pt 6111)
507   Bus, truck, and stationary engine mechanics (6112)
508   Aircraft engine mechanics (6113)
509   Small engine repairers (6114)
514   Automobile body and related repairers (6115)
515   Aircraft mechanics, exc. engine (6116)
516   Heavy equipment mechanics (6117)
517   Farm equipment mechanics (6118)
518   Industrial machinery repairers (613)
519   Machinery maintenance occupations (614)
     Electrical and Electronic Equipment Repairers
523   Electronic repairers, communications and industrial equipment (6151, 6153, 6155)
525   Data processing equipment repairers (6154)
526   Household appliance and power tool repairers (6156)
527   Telephone line installers and repairers (6157)
529   Telephone installers and repairers (6158)
533   Miscellaneous electrical and electronic equipment repairers (6152, 6159)
534   Heating, air conditioning, and refrigeration mechanics (6161)
     Miscellaneous Mechanics and Repairers
535   Camera, watch, and musical instrument repairers (6171, 6172)
536   Locksmiths and safe repairers (6173)
538   Office machine repairers (6174)
539   Mechanical controls and valve repairers (6175)
543   Elevator installers and repairers (6176)
544   Millwrights (6178)
547   Specified mechanics and repairers, n.e.c. (6177, 6179)
549   Not specified mechanics and repairers

Construction Trades

     Supervisors, construction occupations
553   Supervisors; brickmasons, stonemasons, and tile setters (6312)
554   Supervisors, carpenters and related workers (6313)
555   Supervisors, electricians and power transmission installers (6314)
556   Supervisors; painters, paperhangers, and plasterers (6315)
557   Supervisors; plumbers, pipefitters, and steamfitters (6316)

558	Supervisors, n.e.c. (6311, 6318)
	Construction Trades, Except Supervisors
563	Brickmasons and stonemasons (pt 6412, pt 6413)
564	Brickmason and stonemason apprentices (pt 6412, pt 6413)
565	Tile setters, hard and soft (6414, pt 6462)
566	Carpet installers (pt 6462)
Y(567)	Carpenters (pt 6422)
569	Carpenter apprentices (pt 6422)
573	Drywall installers (6424)
575	Electricians (pt 6432)
576	Electrician apprentices (pt 6432)
577	Electrical power installers and repairers (6433)
579	Painters, construction and maintenance (6442)
583	Paperhangers (6443)
584	Plasterers (6444)
585	Plumbers, pipefitters, and steamfitters (pt 645)
587	Plumber, pipefitter, and steamfitter apprentices (pt 645)
588	Concrete and terrazzo finishers (6463)
589	Glaziers (6464)
593	Insulation workers (6465)
594	Paving, surfacing, and tamping equipment operators (6466)
595	Roofers (6468)
596	Sheetmetal duct installers (6472)
597	Structural metal workers (6473)
598	Drillers, earth (6474)
599	Construction trades, n.e.c. (6467, 6475, 6476, 6479)
	Extractive Occupations
613	Supervisors, extractive occupations (632)
614	Drillers, oil well (652)
615	Explosives workers (653)
616	Mining machine operators (654)
617	Mining occupations, n.e.c. (656)
	Precision Production Occupations
633	Supervisors, production occupations (67, 71)
	Precision Metal Working Occupations
634	Tool and die makers (pt 6811)
635	Tool and die maker apprentices (pt 6811)
636	Precision assemblers, metal (6812)
637	Machinists (pt 6813)
639	Machinist apprentices (pt 6813)
643	Boilermakers (6814)
644	Precision grinders, filers, and tool sharpeners (6816)
645	Patternmakers and model makers, metal (6817)
646	Lay-out workers (6821)
647	Precious stones and metals workers (Jewelers) (6822, 6866)
649	Engravers, metal (6823)
653	Sheet metal workers (pt 6824)
654	Sheet metal worker apprentices (pt 6824)
655	Miscellaneous precision metal workers (6829)
	Precision Woodworking Occupations
656	Patternmakers and model makers, wood (6831)
657	Cabinet makers and bench carpenters (6832)
658	Furniture and wood finishers (6835)
659	Miscellaneous precision woodworkers (6839)
	Precision Textile, Apparel, and Furnishings Machine Workers
666	Dressmakers (pt 6852, pt 7752)

667	Tailors (pt 6852)
668	Upholsterers (6853)
669	Shoe repairers (6854)
673	Apparel and fabric patternmakers (6856)
674	Miscellaneous precision apparel and fabric workers (6859, pt 7752)

Precision Workers, Assorted Materials

675	Hand molders and shapers, except jewelers (6861)
676	Patternmakers, lay-out workers, and cutters (6862)
677	Optical goods workers (6864, pt 7477, pt 7677)
678	Dental laboratory and medical appliance technicians (6865)
679	Bookbinders (6844)
683	Electrical and electronic equipment assemblers (6867)
684	Miscellaneous precision workers, n.e.c. (6869)

Precision Food Production Occupations

686	Butchers and meat cutters (6871)
687	Bakers (6872)
688	Food batchmakers (6873, 6879)

Precision Inspectors, Testers, and Related Workers

689	Inspectors, testers, and graders (6881, 828)
693	Adjusters and calibrators (6882)

Plant and System Operators

694	Water and sewage treatment plant operators (691)
695	Power plant operators (pt 693)
696	Stationary engineers (pt 693, 7668)
699	Miscellaneous plant and system operators (692, 694, 695, 696)

OPERATORS, FABRICATORS, AND LABORERS

Machine Operators, Assemblers, and Inspectors

Machine Operators and Tenders, except Precision

Metal working and Plastic Working Machine Operators

703	Lathe and turning machine set-up operators (7312)
704	Lathe and turning machine operators (7512)
705	Milling and planing machine operators (7313, 5513)
706	Punching and stamping press machine operators (7314, 7317, 7514, 7517)
707	Rolling machine operators (7316, 7516)
708	Drilling and boring machine operators (7318, 7518)
709	Grinding, abrading, buffing, and polishing machine operators (7322, 7324, 7522)
713	Forging machine operators (7319, 7519)
714	Numerical control machine operators (7326)
715	Miscellaneous metal, plastic, stone, and glass working machine operators (7329, 7529)
717	Fabricating machine operators, n.e.c. (7339, 7539)

Metal and Plastic Processing Machine Operators

719	Molding and casting machine operators (7315, 7342, 7515, 7542)
723	Metal plating machine operators (7343, 7543)
724	Heat treating equipment operators (7344, 7544)
725	Miscellaneous metal and plastic processing machine operators (7349, 7549)

Woodworking Machine Operators

726	Wood lathe, routing, and planing machine operators (7431, 7432, 7631, 7632)
727	Sawing machine operators (7433, 7633)
728	Shaping and joining machine operators (7435, 7635)
729	Nailing and tacking machine operators (7636)
733	Miscellaneous woodworking machine operators (7434, 7439, 7634, 7639)

Printing Machine Operators
734   Printing machine operators (7443, 7643)
735   Photoengravers and lithographers (6842, 7444, 7644)
736   Typesetters and compositors (6841, 7642)
737   Miscellaneous printing machine operators (6849, 7449, 7649)
Textile, Apparel, and Furnishings Machine Operators
738   Winding and twisting machine operators (7451, 7651)
739   Knitting, looping, taping, and weaving machine operators (7452, 7652)
743   Textile cutting machine operators (7654)
744   Textile sewing machine operators (7655)
745   Shoe machine operators (7656)
747   Pressing machine operators (7657)
748   Laundering and dry cleaning machine operators (6855, 7658)
749   Miscellaneous textile machine operators (7459, 7659)
Machine Operators, Assorted Materials
753   Cementing and gluing machine operators (7661)
754   Packaging and filling machine operators (7462, 7662)
755   Extruding and forming machine operators (7463, 7663)
756   Mixing and blending machine operators (7664)
757   Separating, filtering, and clarifying machine operators (7476, 7666, 7676)
758   Compressing and compacting machine operators (7467, 7667)
759   Painting and paint spraying machine operators (7669)
763   Roasting and baking machine operators, food (7472, 7672)
764   Washing, cleaning, and pickling machine operators (7673)
765   Folding machine operators (7474, 7674)
766   Furnace, kiln, and oven operators, exc. food (7675)
768   Crushing and grinding machine operators (pt 7477, pt 7677)
769   Slicing and cutting machine operators (7478, 7678)
773   Motion picture projectionists (pt 7479)
774   Photographic process machine operators (6863, 6868, 7671)
777   Miscellaneous machine operators, n.e.c. (pt 7479, 7665, 7679)
779   Machine operators, not specified
Fabricators, Assemblers, and Hand Working Occupations
783   Welders and cutters (7332, 7532, 7714)
784   Solderers and brazers (7333, 7533, 7717)
785   Assemblers (772, 774)
786   Hand cutting and trimming occupations (7753)
787   Hand molding, casting, and forming occupations (7754, 7755)
789   Hand painting, coating, and decorating occupations (7756)
793   Hand engraving and printing occupations (7757)
794   Hand grinding and polishing occupations (7758)
795   Miscellaneous hand working occupations (7759)
Production Inspectors, Testers, Samplers, and Weighers
796   Production inspectors, checkers, and examiners (782, 787)
797   Production testers (783)
798   Production samplers and weighers (784)
799   Graders and sorters, exc. agricultural (785)

Transportation and Material Moving Occupations

Motor Vehicle Operators
803   Supervisors, motor vehicle operators (8111)
804)   Truck drivers, heavy (8212, 8213)
805   Truck drivers, light (8214)
806   Driver-sales workers (8218)
808   Bus drivers (8215)

809	Taxicab drivers and chauffeurs (8216)
813	Parking lot attendants (874)
814	Motor transportation occupations, n.e.c. (8219)
	Transportation Occupations, Except Motor Vehicles
	Rail Transportation Occupations
823	Railroad conductors and yardmasters (8113)
824	Locomotive operating occupations (8232)
825	Railroad brake, signal, and switch operators (8233)
826	Rail vehicle operators, n.e.c. (8239)
	Water Transportation Occupations
828	Ship captains and mates, except fishing boats (pt 8241, 8242)
829	Sailors and deckhands (8243)
833	Marine engineers (8244)
834	Bridge, lock, and lighthouse tenders (8245)
	Material Moving Equipment Operators
843	Supervisors, material moving equipment operators (812)
844	Operating engineers (8312)
845	Longshore equipment operators (8313)
848	Hoist and winch operators (8314)
849	Crane and tower operators (8315)
853	Excavating and loading machine operators (8316)
855	Grader, dozer, and scraper operators (8317)
856	Industrial truck and tractor equipment operators (8318)
859	Miscellaneous material moving equipment operators (8319)

Handlers, Equipment Cleaners, Helpers, and Laborers

863	Supervisors, handlers, equipment cleaners, and laborers, n.e.c. (85)
864	Helpers, mechanics and repairers (863)
	Helpers, Construction and Extractive Occupations
865	Helpers, construction trades (8641-8645, 8648)
866	Helpers, surveyor (8646)
867	Helpers, extractive occupations (865)
869	Construction laborers (871)
873	Production helpers (861, 862)
	Freight, Stock, and Material Handlers
875	Garbage collectors (8722)
876	Stevedores (8723)
877	Stock handlers and baggers (8724)
878	Machine feeders and offbearers (8725)
883	Freight, stock, and material handlers, n.e.c. (8726)
885	Garage and service station related occupations (873)
887	Vehicle washers and equipment cleaners (875)
888	Hand packers and packagers (8761)
889	Laborers, except construction (8769)
905	Member of the Armed Forces

APPENDIX A-5

1980 Census of Population Industry Classification System

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

Census
Code

AGRICULTURE, FORESTRY, AND FISHERIES

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

MINING

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

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

MANUFACTURING

Nondurable Goods

Food and kindred products
100   Meat products (201)
101   Dairy products (202)
102   Canned and preserved fruits and vegetables (203)
110   Grain mill products (204)
111   Bakery products (205)
112   Sugar and confectionery products (206)
120   Beverage industries (208)
121   Miscellaneous food preparations and kindred products (207, 209)
122   Not specified food industries
130   Tobacco manufactures (21)
        Textile mill products
132   Knitting mills (225)
140   Dyeing and finishing textiles, except wool and knit goods (226)
141   Floor coverings, except hard surface (227)
142   Yarn, thread, and fabric mills (221-224, 228)
150   Miscellaneous textile mill products (229)

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

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

Durable Goods

Lumber and wood products, except furniture
230   Logging (241)
231   Sawmills, planing mills, and millwork (242, 243)
232   Wood buildings and mobile homes (245)
241   Miscellaneous wood products (244, 249)
242   Furniture and fixtures (25)
Stone, clay, glass, and concrete products
250   Glass and glass products (321-323)
251   Cement, concrete, gypsum, and plaster products (324, 327)
252   Structural clay products (325)
261   Pottery and related products (326)
262   Miscellaneous nonmetallic mineral and stone products (328, 329).
Metal industries
270   Blast furnaces, steelworks, rolling and finishing mills (331)
271   Iron and steel foundries (332)
272   Primary aluminum industries (3334, part 334, 3353-3355, 3361)
280   Other primary metal industries (3331-3333, 3339, part 334, 3351, 3356, 3357, 3362, 3369, 339)
281   Cutlery, handtools, and other hardware (342)
282   Fabricated structural metal products (344)
290   Screw machine products (345)
291   Metal forgings and stampings (346)
292   Ordnance (348)

300	Miscellaneous fabricated metal products (341, 343, 347, 349)
301	Not specified metal industries
	Machinery, except electrical
310	Engines and turbines (351)
311	Farm machinery and equipment (352)
312	Construction and material handling machines (353)
320	Metalworking machinery (354)
321	Office and accounting machines (357, except 3573)
322	Electronic computing equipment (3573)
331	Machinery, except electrical, n.e.c. (355, 356, 358, 359)
332	Not specified machinery
	Electrical machinery, equipment, and supplies
340	Household appliances (363)
341	Radio, T.V., and communication equipment (365, 366)
342	Electrical machinery, equipment, and supplies, n.e.c. (361, 362, 364, 367, 369)
350	Not specified electrical machinery, equipment, and supplies
	Transportation equipment
351	Motor vehicles and motor vehicle equipment (371)
352	Aircraft and parts (372)
360	Ship and boat building and repairing (373)
361	Railroad locomotives and equipment (374)
362	Guided missiles, space vehicles, and parts (376)
370	Cycles and miscellaneous transportation equipment (375, 379)
	Professional and photographic equipment, and watches
371	Scientific and controlling instruments (381, 382)
372	Optical and health services supplies (383, 384, 385)
380	Photographic equipment and supplies (386)
381	Watches, clocks, and clockwork operated devices (387)
382	Not specified professional equipment
390	Toys, amusement, and sporting goods (394)
391	Miscellaneous manufacturing industries (39 exc. 394)
392	Not specified manufacturing industries

TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES

	Transportation
400	Railroads (40)
401	Bus service and urban transit (41, except 412)
402	Taxicab service (412)
410	Trucking service (421, 423)
411	Warehousing and storage (422)
412	U.S. Postal Service (43)
420	Water transportation (44)
421	Air transportation (45)
422	Pipe lines, except natural gas (46)
432	Services incidental to transportation (47)
	Communications
440	Radio and television broadcasting (483)
441	Telephone (wire and radio) (481)
442	Telegraph and miscellaneous communication services (482, 489)
	Utilities and sanitary services
460	Electric light and power (491)

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

WHOLESALE TRADE

Durable Goods

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

Nondurable Goods

540   Paper and paper products (511)
541   Drugs, chemicals and allied products (512, 516)
542   Apparel, fabrics, and notions (513)
550   Groceries and related products (514)
551   Farm products - raw materials (515)
552   Petroleum products (517)
560   Alcoholic beverages (518)
561   Farm supplies (5191)
562   Miscellaneous wholesale, nondurable goods (5194, 5198, 5199)
571   Not specified wholesale trade

RETAIL TRADE

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

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

FINANCE, INSURANCE, AND REAL ESTATE

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

BUSINESS AND REPAIR SERVICES

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

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

PERSONAL SERVICES

761 (J) Private households (88)
762   Hotels and motels (701)
770   Lodging places, except hotels and motels (702, 703, 704)
771   Laundry, cleaning, and garment services (721)
772   Beauty shops (723)
780   Barber shops (724)
781   Funeral service and crematories (726)
782   Shoe repair shops (725)
790   Dressmaking shops (part 729)

791   Miscellaneous personal services (722, part 729)

ENTERTAINMENT AND RECREATION SERVICES

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

PROFESSIONAL AND RELATED SERVICES

812   Offices of physicians (80l, 803)
820   Offices of dentists (802)
821   Offices of chiropractors (8041)
822   Offices of optometrists (8042)
830   Offices of health practitioners, n.e.c. (8049)
831 (K)   Hospitals (806)
832   Nursing and personal care facilities (805)
840   Health services, n.e.c. (807, 808, 809)
841   Legal services (8l)
842 (L)   Elementary and secondary schools (821)
850 (M)   Colleges and universities (822)
851   Business, trade, and vocational schools (824)
852   Libraries (823)
860   Educational services, n.e.c. (829)
861   Job training and vocational rehabilitation services (833)
862   Child day care services (835)
870   Residential care facilities, without nursing (836)
871   Social services, n.e.c. (832, 839)
872   Museums, art galleries, and zoos (84)
880   Religious organizations (866)
881   Membership organizations (861-865, 869)
882   Engineering, architectural, and surveying services (891)
890   Accounting, auditing, and bookkeeping services (893)
891   Noncommercial educational and scientific research (892)
892   Miscellaneous professional and related services (899)

PUBLIC ADMINISTRATION

900   Executive and legislative offices (911-913)
901   General government, n.e.c. (919)
910   Justice, public order, and safety (92)
921   Public finance, taxation, and monetary policy (93)
922   Administration of human resources programs (94)
930   Administration of environmental quality and housing programs (95)
931   Administration of economic programs (96)
932   National security and international affairs (97)
991   Member of the Armed Forces

CONTROL CARD

U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

SURVEY OF INCOME AND PROGRAM PARTICIPATION

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

	3	4 SEGMENT TYPE		W1	W2	W3	W4	W5	W6	W7	W8	6a EXTRA UNIT	6c CHECK	7
		1 Address 4 Area												
		2 Unit 5 Special		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes			
		3 Permit place		No	No	No	No	No	No	No	No			

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.

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

HOUSEHOLD ROSTER

FIRST INTERVIEW AT WAVE 1 ADDRESS

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

FIRST INTERVIEW AT MOVER'S NEW ADDRESS (for mover's new address ...)

Last First Middle Maiden

Column	Content
17 ENTRY ADDRESS ID	
18 PERSON NUMBER	
19b RELATIONSHIP TO REFERENCE PERSON (RP)	
20 HOUSEHOLD MEMBER	
23 DATE ENTERED OR LEFT	
24 BIRTH DATE/AGE	
25a PERSON NUMBER OF PARENT	
26a MARITAL STATUS	
27a PERSON NUMBER OF SPOUSE	
28 DESIGNATED PARENT OR GUARDIAN	
SEX	
RACE	
ORIGIN	

EDUCATION — ASK IF 15 OR OLDER — **ARMED FORCES** — **SOCIAL SECURITY**

31a	31b	31c	32a	32b

8b ADDRESS (Street)   Line

What is your exact address?

8c Special place name

8d Type code   **8e** Sample number

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

11a Is that 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

INTRODUCTION

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

RETURN VISIT — Hello, I am (Field Representative's name) from the United States Bureau of the Census. Here is my identification card. Several months ago this household was contacted concerning a survey on the housing situation of people who live in the United States. I have some further questions to ask on this subject. Did you receive our letter?

AREA SEGMENTS ONLY

9 YEAR BUILT
- [ ] Ask first visit
- [ ] DO NOT ASK

When was this structure originally built?
- [ ] Before 4-1-80 — Continue interview
- [ ] After 4-1-80 — Complete item 10c when required, END INTERVIEW

10 COVERAGE QUESTIONS
- [ ] Ask items marked
- [ ] DO NOT ASK

10a Are there any occupied or vacant living quarters besides your own in this building?
- [ ] Yes — Fill Table I
- [ ] No

10b Are there any occupied or vacant living quarters besides your own on this floor?
- [ ] Yes — Fill Table II
- [ ] No

10c Is there any other building on this property for people to live in — either occupied or vacant?
- [ ] Yes — Fill Table II
- [ ] No

12 LAND USE

12a Follow instructions for box that is marked
- [ ] URBAN
- [ ] RURAL

12b During the past 12 months did sales of crops, livestock, and other farm products from this place amount to $1,000 or more?
- [ ] Yes
- [ ] No

13 CLASSIFICATION OF LIVING QUARTERS

13a FIELD REPRESENTATIVE CHECK ITEM

13b ACCESS

13c HOUSING unit

13d OTHER unit

14 UNITS IN STRUCTURE

ASK IF NOT APPARENT —
How many housing units both occupied and vacant, are there in this structure?

15 TENURE

Are your living quarters —
- [ ] Owned or being bought by you or someone in your household?
- [ ] Rented for cash?
- [ ] Occupied without payment of cash rent?

16 CHARACTERISTICS OF UNIT   UPDATE/VERIFY EACH WAVE

16a ASK ONLY IF UNIT IS RENTED

16b Is this residence in a public housing project, that is, is it owned by a local housing authority?
- [ ] Yes
- [ ] No

NOTES

36 HOUSEHOLD FINAL INTERVIEW STATUS   Complete after interview

37 CHARACTERISTICS OF TYPE A OR D HOUSEHOLD

37a Race of reference person   Enter code from flashcard

37b Sex of reference person
- [ ] Male
- [ ] Female

37c Size of household   Count all children and adults

38 RECORD OF VISITS   CONTROL CARD RESPONDENT PERSON NUMBER AND APPOINTMENTS

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

39 FUTURE CONTACTS

39a What is your telephone number?
- [ ] Refused
- [ ] None

39b What is the best time to call or visit? ___ am/pm

Please give me the name, address, and telephone number of a close relative or friend who would know how to reach you if we are unable to contact you.

Name _____
Relationship to person no. _____
Address (No., St., Apt. No., City, State, ZIP code) _____
Telephone number (Include area code) _____

CODES FOR HOUSEHOLD INTERVIEW STATUS

Wave 1 Interview status
01 — Interviewed
Type A — Noninterview
Type B — Noninterview
Type C — Noninterview

Wave 2   Interview status
01 — Interviewed
Type A — Noninterview
Type B — Noninterview
Type C — Noninterview

B1-3

34 MOVERS

Person number(s)	Entire HH moved [ ] - If box is marked fill 34b	New telephone number

1
New address — Number and street
City / State / ZIP Code
Other identification / Wave move discovered

2
Person number(s) / New telephone number
New address — Number and street
City / State / ZIP Code
Other identification / Wave move discovered

3
Person number(s) / New telephone number
New address — Number and street
City / State / ZIP Code
Other identification / Wave move discovered

4
Person number(s) / New telephone number
New address — Number and street
City / State / ZIP Code
Other identification / Wave move discovered

5
Person number(s) / New telephone number
New address — Number and street
City / State / ZIP Code
Other identification / Wave move discovered

---

34 Cont'd

OFFICE USE ONLY 0064

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 (a)	PSU (b)	Segment (c)	Serial (d)	Sample designation (e)	Entry address ID (f)
0068	0068	0080	0082	0084	0086	0088
0070	0072	0074	0078	0078	0080	0082
0084	0086	0088	0090	0092	0094	0086
0098	0100	0102	0104	0106	0108	0110
0112	0114	0116	0118	0170	0122	0124
0126	0128	0130	0132	0134	0136	0138
0140	0142	0144	0146	0148	0150	0152
0154	0156	0158	0160	0162	0164	0166

CODES FOR 19b
01 - Reference Person WITH relatives in household
02 - Reference Person with NO relatives in household
03 - Husband/Wife
04 - Natural/Adopted child
05 - Stepchild
06 - Foster child
07 - Grandchild
08 - Parent
09 - Brother/Sister
10 - Other relative of Reference Person
11 - Non relative of Reference Person WITH OWN relatives in household
12 - Partner/Roommate
13 - Non relative of Reference Person (other than partner/roommate) with NO OWN relatives in household

ENTERED CODES FOR 23
Entered — This Wave
01 - Birth
02 - Marriage
03 - Other
04 - (Use only with item 21d)
15 - Re entered sample after missing one or more waves
16 - From Institution
17 - From Armed Forces barracks
18 - From outside the country
19 - Due to separation or divorce
Entered — Should have been added in a previous wave
21 - Birth
22 - Marriage
23 - Other
24 - Sample person added during second interview period
36 - From Institution
37 - From Armed Forces barracks
38 - From outside the country
39 - Due to separation or divorce

LEFT CODES FOR 21
Left — This Wave
05 - Deceased
06 - Institutionalized
07 - Living in Armed Forces barracks
08 - Moved outside of country
09 - Separation or divorce
10 - Person number 201 + no longer living with sample person
11 - Other
12 - Use this code if instructed by your office
89 - Listed in error
Left — Should have been deleted in a previous wave
25 - Deceased
26 - Institutionalized
27 - Living in Armed Forces barracks
28 - Moved outside of country
29 - Separation or divorce
30 - 201 + person no longer living with sample person
31 - Other

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

CODES FOR 29
1 White
2 Black
3 American Indian, Eskimo
4 Asian or Pacific Islander
5 Other — Specify below

Person No	Specify below

---

39 FUTURE CONTACTS (Continued) Read flashcard 1 and fill 39c. Verify and update for waves 2-8

39c Please give me the name, address, and telephone number of a close relative or friend who would know how to reach you if we are unable to contact you.

Name	Relationship to person no.
Address (No., St., Apt. No., City, State, ZIP Code)	Telephone number (Include area code)

39 FUTURE CONTACTS (Continued) Read flashcard 1 and fill 39c. Verify and update for waves 3-8

39c Please give me the name, address, and telephone number of a close relative or friend who would know how to reach you if we are unable to contact you.

Name	Relationship to person no.
Address (No., St., Apt. No., City, State, ZIP Code)	Telephone number (Include area code)

39 FUTURE CONTACTS (Continued) Read flashcard 1 and fill 39c. Verify and update for waves 2-8

39c Please give me the name, address, and telephone number of a close relative or friend who would know how to reach you if we are unable to contact you.

Name	Relationship to person no.
Address (No., St., Apt. No., City, State, ZIP Code)	Telephone number (Include area code)

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

B1-4

COL. 1	40 Person number	41 Name									
		Respondent person number	W1	W2	W3	W4	W5	W6	W7	W8

EMPLOYMENT

Emp ID	42 NAME OF EMPLOYER	W1	W2	W3	W4	W5	W6	W7	W8
1									
2									
3									
4									

Bus ID	43 NAME OF BUSINESS/FARM	W1	W2	W3	W4	W5	W6	W7	W8
1									
2									
3									

INTERVIEW STATUS

Line No	Code	44 PERSON INTERVIEW STATUS	W1	W2	W3	W4	W5	W6	W7	W8
0		Ineligible for interview (code 991)								
1		Noninterview – No interview obtained (code 901)								
2		Interview – No ISS codes marked below in items 45 – 47 (code 921)								

INCOME

Line No	Code	45 INCOME SOURCES (1-59)	Mark box only if indicated on ISS							
			W1	W2	W3	W4	W5	W6	W7	W8
3										
4										
5										
6										
7										
8										
9										

	46 ASSETS (100 – 150)									
10										
11										
12										
13										
14										
15										
16										

	47 SPECIAL INDICATORS									
17										
18										
19										

(The above structure is repeated in three identical column-groups across the page.)

FORM SIPP-11200
(12-20-90)

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

U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

PGM 6

1. Book ____ of ____	**2.** (cc 1) R.O. code	**3a.** (cc 2) PSU Segment Serial Sample Check digit `1 1`	**b.** (cc 3) Add. ID

SURVEY OF INCOME AND PROGRAM PARTICIPATION

1991 PANEL

WAVE 2 QUESTIONNAIRE

4. (cc 17)

a. Entry Add. ID _____

b. PERSON Number (cc 18) _____

c. Name (cc 19a)

First _____

Middle initial _____

5. PERSON CHARACTERISTICS — Fill a,b,c, and d using the control card

a. Relationship code (cc 19b) _____

b. Date of birth (cc 24) Month Day Year _____

c. Sex code (cc 28) _____

d. Marital status code (cc 26a) _____

6. Field representative identification

Code Name _____

---

7. PERSON INTERVIEW STATUS

a. Interview
- ☐ Self
- ☐ Proxy → _____ (Enter person number)

} SKIP to 8

b. Noninterview
- ☐ Type Z refusal
- ☐ Type Z other

8. Date of interview for this person

_____ Month _____ Day

} Fill start time in item 9a, then go to Introduction

9a. Interview time for this person

	Initial visit	Callback visit
Start time →	a.m. p.m.	a.m. p.m.
Finish time →	a.m. p.m.	a.m. p.m.

b. Total interview time for this person _____ Minutes

10a. Field representative edit time

Start time →	a.m. p.m.	
Finish time →	a.m. p.m.	

b. Total edit time _____ Minutes

11a. Pre-interview transcription time

Start time →	a.m. p.m.	
Finish time →	a.m. p.m.	

b. Total pre-interview time for transcription _____ Minutes

12. ☐ Phone interview — Specify reason → _____

INTRODUCTION

FIELD REPRESENTATIVE INSTRUCTIONS — Read introduction once to each respondent. Do not repeat to another respondent who was in the room when you earlier read the introduction.

(As I described during my last visit,) This survey is about the economic situation of people living in the United States. Most of the questions will be about . . .'s activities during

_____ , _____ , _____ , and _____ .

Here is a calendar that shows the 4 months we will be talking about. (Hand respondent Flashcard J.) This time period is very important, so if you have any questions about what period is being referred to during the interview, please ask me.

We need the most accurate and complete information possible. Please think carefully about each question, search your memory and take your time in answering. For some of the questions it will help to look up the answers by checking whatever records are available to you here. (GO TO CHECK ITEM N1.)

CHECK ITEM N1	Does . . .'s person number begin with a "2"?

PGM 7
0900
1 ☐ Yes
2 ☐ No — SKIP to Section 1, item 1, page 2

CHECK ITEM N2	Was . . . missed when household members were listed for Wave 1?

0901
1 ☐ Yes — Change person number in item 4b to a "100" level person number. Correct person number in cc items 18 and 31a and enter code "24" in cc item 23 for the missed person. SKIP to Section 1, item 1, page 2.
2 ☐ No

13a. On March 31, 1991, was . . . living in any of the kinds of places listed on this card? (Show Flashcard P)

0914
1 ☐ Yes
2 ☐ No — SKIP to Section 1, item 1, page 2
x1 ☐ DK
x2 ☐ Ref.
} SKIP to Section 1, item 1, page 2

b. Which code on this card represents the kind of place . . . was living in on March 31, 1991?

0916
1 ☐ Armed Forces barracks
2 ☐ Outside the United States
3 ☐ Nonhousehold setting

NOTES

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 "Recipiency History Roster" below.

| CHECK ITEM T2 | Are any income types or special indicators listed in the Recipiency 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 recipiency 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. (a)	Source (b)	ISS code (c)	Date recipiency began (d) Month OR DK	Year OR DK
1		8004 [____]	8006 [___] x1☐	8008 [1 9 __ __] x1☐
2		8010 [____]	8012 [___] x1☐	8014 [1 9 __ __] x1☐
3		8016 [____]	8018 [___] x1☐	8020 [1 9 __ __] x1☐
4		8022 [____]	8024 [___] x1☐	8026 [1 9 __ __] x1☐
5		8028 [____]	8030 [___] x1☐	8032 [1 9 __ __] x1☐
6		8034 [____]	8036 [___] x1☐	8038 [1 9 __ __] x1☐
7		8040 [____]	8042 [___] x1☐	8044 [1 9 __ __] x1☐
8		8046 [____]	8048 [___] x1☐	8050 [1 9 __ __] x1☐

| 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, Recipiency 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

Part A — RECIPIENCY HISTORY (Continued)

CHECK ITEM T5	*Refer to cc item 27.* Is . . . a designated parent or guardian of children under 18 years old who live in this household?	`8074`	₁ ☐ Yes ₂ ☐ No — *SKIP to Check Item T7*
CHECK ITEM T6	*Refer to Item 1, Recipiency History Roster.* Is ''AFDC'' (code 20) listed?	`8076`	₁ ☐ Yes ₂ ☐ No — *SKIP to 3b*

3a. **Besides this period of time, have there been any other times when . . . received AFDC (ADC)?**   `8078`   ₁ ☐ Yes — *SKIP to 3d*
₂ ☐ No — *SKIP to Check Item T7*

b. **Has . . . ever applied for benefits from the program called AFDC — Aid to Families With Dependent Children (or ADC)?**   `8080`   ₁ ☐ Yes
₂ ☐ No — *SKIP to Check Item T7*

c. **Has . . . ever received AFDC (ADC) benefits?**   `8082`   ₁ ☐ Yes
₂ ☐ No — *SKIP to Check Item T7*

d. **When did . . . first start receiving AFDC (ADC) benefits?**

`8084` ☐☐ Month   x₁ ☐ Don't know

`8086` [1 9 ☐☐] Year   x₁ ☐ Don't know

e. **For how long did . . . receive AFDC (ADC) that time?**

`8088` ☐☐ Months

OR

`8090` ☐☐ Years

`8092` x₁ ☐ DK

f. **How many times in all have there been when . . . received AFDC (ADC)?**

`8094` ☐☐ Times

x₁ ☐ DK

CHECK ITEM T7	*Refer to Item 1, Recipiency History Roster.* Is ''SSI'' (codes 3 or 4) listed?	`8096`	₁ ☐ Yes ₂ ☐ No — *SKIP to 4b*

4a. **Besides this period of time, have there been any other times when . . . received SSI benefits?**   `8098`   ₁ ☐ Yes — *SKIP to 4d*
₂ ☐ No — *SKIP to Check Item T8*

b. **Has . . . ever applied for benefits from the program called SSI (Supplemental Security Income)?**   `8100`   ₁ ☐ Yes
₂ ☐ No — *SKIP to Check Item T8*

c. **Has . . . ever received SSI benefits?**   `8102`   ₁ ☐ Yes
₂ ☐ No — *SKIP to Check Item T8*

d. **When did . . . first start receiving SSI?**

`8104` ☐☐ Month   x₁ ☐ Don't know

`8106` [1 9 ☐] Year   x₁ ☐ Don't know

e. **For how long did . . . receive SSI that time?**

`8108` ☐☐ Months

OR

`8110` ☐☐ Years

`8112` x₁ ☐ DK

CHECK ITEM T8	*Refer to cc item 47.* Is ''Medicaid'' (code 173) marked?	`8114`	₁ ☐ Yes ₂ ☐ No — *SKIP to Check Item T10, page 56*
CHECK ITEM T9	*Refer to cc item 45.* Is ''SSI'' or ''AFDC'' (codes 3, 4, or 20) marked for Wave 1?	`8116`	₁ ☐ Yes — *SKIP to Check Item T10, page 56* ₂ ☐ No

5. 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?

`8118` _____ Month · ☐ Don't know

`8120` 1 9 _____ Year · ☐ Don't know

`8122` x3 ☐ Never covered by Medicaid

CHECK ITEM T10 *Refer to item 27a, page 10.* Was . . . covered by a health insurance plan? (Is item 27a, page 10 marked "Yes"?)

`8124` · ☐ Yes
· ☐ No — *SKIP to item 7*

---

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

`8126` _____ Months
OR
`8128` _____ Years
`8130` x3 ☐ Have always had insurance
x1 ☐ DK

} SKIP to Check Item T11

---

7. 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?

`8132` _____ Month x1 ☐ Don't know

`8134` 1 9 _____ Year x1 ☐ Don't know

`8136` x3 ☐ Has never been covered

CHECK ITEM T11 *Refer to cc item 19b.* Is . . . the reference person?

`8138` · ☐ Yes
· ☐ No — *SKIP to Check Item T14*

CHECK ITEM T12 *Refer to cc items 16a and 16b.* Is this housing unit public or subsidized?

`8140` · ☐ Yes
· ☐ No — *SKIP to Check Item T13*

---

8. For how long has . . . been living in public or subsidized housing?

`8142` _____ Months
OR
`8144` _____ Years
`8146` x3 ☐ Have always lived in public housing
x1 ☐ DK

} SKIP to Check Item T14

CHECK ITEM T13 Is one or more of the following codes marked on the ISS for . . .: code 3, codes 20 – 27, or code 173?

`8148` · ☐ Yes
· ☐ No — *SKIP to Check Item T14*

---

9. Is . . . on a waiting list for public or subsidized housing?

`8150` · ☐ Yes
· ☐ No

NOTES

Part B — EMPLOYMENT HISTORY

CHECK ITEM T14	Refer to cc item 24. Is ... 18 to 64 years old?	8200	1 ☐ Yes 2 ☐ No — SKIP to Check Item T23, page 60

STATEMENT D ▶ Now I would like to ask some questions about some of the jobs ... has held.

CHECK ITEM T15	Refer to cc items 42 and 43. Is there an employer or business listed?	8202	1 ☐ Yes 2 ☐ No — SKIP to Check Item T17

ASK OR VERIFY —

1. What was the name of ...'s MAIN employer or business during the period (8 months ago) **through** (5 months ago)?

(If more than one, enter the name of the most recent employer during the period (8 months ago) through (5 months ago).)

PGM 8 Name of employer or business

8204 _____

_____

CHECK ITEM T16	Refer to cc item 42 or 43. What is the ID number of this employer or business?	PGM 7 8206 ☐ Employer ID number — OR 8208 ☐ Business ID number } SKIP to 3

CHECK ITEM T17	Is "Worked" (code 170) marked on the ISS?	8210	1 ☐ Yes 2 ☐ No — SKIP to 5a

ASK OR VERIFY —

2. What was the name of ...'s MAIN employer or business during the past 4 months?

PGM 8 Name of employer or business

8212 _____

_____

_____

CHECK ITEM T18	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?	PGM 7 8214 ☐ Employer ID number — OR 8216 ☐ Business ID number

3. When did ... start working for (Read name of employer or business)?

(If worked for more than one period of time, ask about most recent period.)

8218 _____ Month   x1 ☐ Don't know

8220 | 1 | 9 | _____ Year   x1 ☐ Don't know

CHECK ITEM T19	Refer to Check Items T16 or T18 above. Is an "Employer ID number" entered?	8222	1 ☐ Yes 2 ☐ No — SKIP to 6a

4a. About how many persons were employed by ...'s employer at the location where ... works (worked)?

8224
1 ☐ Under 25
2 ☐ 25 to 99
3 ☐ 100 to 499
4 ☐ 500 to 999
5 ☐ 1,000 or more } SKIP to 4d
x1 ☐ DK

b. Did ...'s employer operate in more than one location?

8226
1 ☐ Yes
2 ☐ No } SKIP to 4d
x1 ☐ DK

c. About how many persons were employed by ...'s employer at ALL LOCATIONS?

8228
1 ☐ Under 25
2 ☐ 25 to 99
3 ☐ 100 to 499
4 ☐ 500 to 999
5 ☐ 1,000 or more
x1 ☐ DK

d. Was ... a member of a labor union or a member of an employee association similar to a union at that job?

8230
1 ☐ Yes
2 ☐ No
x1 ☐ DK

e. Was ... covered by a union or employee association contract at that job?

8232
1 ☐ Yes
2 ☐ No
x1 ☐ DK

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

`8234` _____ Months

OR

`8236` _____ Years

`8238` x1 ☐ D K

> 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

> SKIP to Check Item T20

`8244` x3 ☐ Never worked for 2 consecutive weeks or more

> 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.

`8246`
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 23. 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

`8250` `1 9` _____ Year   x1 ☐ Don't know

`8252` 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 1979 or later?

`8254` 1 ☐ Yes
2 ☐ No — SKIP to Check Item T22

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

`PGM 8` Name of employer or business

`8256` _____

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

`PGM 8`

`8258` _____

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

`PGM 8`

`8260`
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 8`

`8262` _____
_____

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

`PGM 8`

`8264` _____
_____

ASK OR VERIFY —

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

`PGM 7`

`8266`
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

6i. What was the main reason . . . stopped working for (Name of employer or business)?

Mark (X) only one.

8272

1. ☐ Layoff, plant closed
2. ☐ Discharged
3. ☐ Job was temporary and ended
4. ☐ Found a better job
5. ☐ Retirement/old age
6. ☐ Did not like working conditions
7. ☐ Dissatisfied with earnings
8. ☐ Did not like location
9. ☐ Going to school
10. ☐ Became pregnant/had child
11. ☐ Health reasons
12. ☐ Other family or personal reasons
13. ☐ Other — *Specify* ⇥

7a. In what year did . . . first work six straight months or longer at some job or business?

8274	1 9

x3 ☐ Never worked 6 straight months at a job or business — *SKIP to Check Item T23, page 60*

x1 ☐ DK — *SKIP to Check Item T22*

---

b. Since (Year in 7a) has . . . always worked at least six months during the year?

8276

1. ☐ Yes — *SKIP to Check Item T23, page 60*
2. ☐ No
x1 ☐ DK — *SKIP to Check Item T23, page 60*

---

c. How many years were there when . . . worked at least 6 months during the year?

8278

_____ Years

x1 ☐ DK

8280

1. ☐ Yes — *SKIP to 8a*
2. ☐ No

7d. Since the beginning of 1979 how many years have there been when . . . worked at least 6 months during the year?

8282

x5 ☐ All years

OR

_____ Years

OR

x1 ☐ DK

8284

1. ☐ Yes
2. ☐ No — *SKIP to Check Item T23, page 60*

8a. (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 item 7a or 3), have there been any periods lasting 6 months or longer when . . . did not work at a paid job or business?

(If dates in both 7a and 3, use earlier date.)

8286

1. ☐ Yes
2. ☐ No — *SKIP to Check Item T23, page 60*

---

b. About how many times has . . . gone 6 months or longer without working at a paid job or business?

8288

_____ Times

x1 ☐ DK

---

c. When was the last time that . . . went 6 months or longer without working at a paid job or business?

FROM

8290	1 9

x1 ☐ DK

TO

8292	1 9

x1 ☐ DK

---

d. What was the main reason . . . did not work at a paid job or business during that time?

Mark (X) only one.

8294

1. ☐ Took care of family or home
2. ☐ Own illness or disability
3. ☐ Could not find work
4. ☐ Going to school
5. ☐ Became pregnant/had child
6. ☐ Other — *Specify* ⇗

CHECK ITEM T23   Refer to cc item 24.
What is . . . s age?

`8300`
- ☐ 15 years old — *SKIP to Statement F, page 62*
- ☐ 16 to 67 years old
- ☐ 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.

CHECK ITEM T24   Is "Disabled" (code 171) marked on the ISS for . . .?

`9302`
- ☐ Yes — *SKIP to 1a*
- ☐ No

CHECK ITEM T25   Refer to cc. item 47.
Is "Disabled" (code 171) marked on the control card for . . .?

`8304`
- ☐ Yes
- ☐ No — *SKIP to 1b*

1a. We have recorded that . . .'s health or condition limits the kind or amount of work . . . can do. Is that correct?

`8306`
- ☐ Yes — *SKIP to 1c*
- ☐ No — *SKIP to Statement F, page 62*

b. Does . . . have a physical, mental, or other health condition which limits the kind or amount of work . . . can do?

`8308`
- ☐ Yes — *Mark "171" on ISS*
- ☐ No — *SKIP to Statement F, page 62*

c. When did . . . become limited in the kind or amount of work that . . . could do at a job?

`8310` _____ Month   x: ☐ Don't know

`8312` 1 9 _____ Year   x1 ☐ Don't know

OR

`8314` x3 ☐ Person was limited before person became of working age — *SKIP to 2a*

x5 ☐ Person became limited after retiring — *SKIP to Statement F, page 62*

d. Was . . . employed at the time . . .'s work limitation began?

`8316`
- ☐ Yes — *SKIP to 2a*
- ☐ No

e. When was the last time . . . worked before . . .'s work limitation began?

`8318` _____ Month   x1 ☐ Don't know

`8320` 1 9 _____ Year   x1 ☐ Don't know

OR

`8322` x3 ☐ Had never been employed before work limitation began

ASK OR VERIFY —
(SHOW FLASHCARD EE)

2a. What health condition is the main reason for . . .'s work limitation?

Code   Name of health condition

`9324` _____

ASK OR VERIFY —

b. Was this condition caused by an accident or injury?

`8326`
- ☐ Yes
- ☐ No — *SKIP to Check Item T26*

c. Where did the accident or injury take place — was it (Read categories) —

Mark (X) only one.

`8328`
- ☐ On the job?
- ☐ During service in the Armed Forces?
- ☐ In the home?
- ☐ Somewhere else?

CHECK ITEM T26   Is "Worked" (code 170) marked on the ISS?

`8330`
- ☐ Yes — *SKIP to Check Item T27*
- ☐ No

3a. Does . . .'s health or condition prevent . . . from working at a job or business?

`8332`
- ☐ Yes
- ☐ No — *SKIP to 4a*

b. When did . . . become unable to work at a job?

`8334` _____ Month   x1 ☐ Don't know ⎫ *SKIP to Statement F page 62*

`8336` 1 9 _____ Year   x1 ☐ Don't know ⎭

OR

`8338` x3 ☐ Has never been able to work at a job — *SKIP to Statement F, page 62*

CHECK ITEM T27	*Refer to item 8a, page 4.* Did . . . usually work 35 or more hours per week during the reference period?	8340	. ☐ Yes — *SKIP to 4b* . ☐ No

4a. Is . . . now able to work at a full-time job or is . . . only able to work part-time?	8342	. ☐ Full-time . ☐ Part-time . ☐ 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	. ☐ Regularly . ☐ 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	1 ☐ No, has not completed 12th grade 2 ☐ Yes, has completed 12th grade — *SKIP to item 3a*

1. When did . . . last attend elementary or high school?

	8402	_____ Month	x1 ☐ Don't know
	8404	1 9 _____ Year	x1 ☐ Don't know
	8406	1 ☐ Currently attending — *SKIP to Check Item T32, page 65* 2 ☐ Never attended	

2. Has . . . received a high school diploma? (Include GED's.)

8408	1 ☐ Yes 2 ☐ No — *SKIP to Check Item T31*

3a. When did . . . receive a high school diploma?

	8410	_____ Month	x1 ☐ Don't know
	8412	1 9 _____ Year	x1 ☐ Don't know

b. Was the high school that . . . attended public; private, church-related; or private, not church-related?

8414	1 ☐ Public 2 ☐ Private, church-related 3 ☐ Private, not church-related 4 ☐ Did not attend high school x1 ☐ 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	1 ☐ Yes 2 ☐ 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	x1 ☐ Don't know
	8420	1 9 _____ Year	x1 ☐ Don't know

b. What is the highest degree beyond a high school diploma that . . . has earned?

8422	1 ☐ PhD or equivalent 2 ☐ Professional degree such as Dentistry, Medicine, Law, or Theology 3 ☐ Master's degree 4 ☐ Bachelor's degree 5 ☐ Associate degree 6 ☐ Vocational, technical, or business certificate or diploma 7 ☐ Has not earned a degree ⎫ *SKIP to 4f* x1 ☐ DK ⎭

c. When did . . . receive that degree?

	8424	_____ Month	x1 ☐ Don't know
	8426	1 9 _____ Year	x1 ☐ Don't know

(SHOW FLASHCARD FF)

d. In what field of study did . . . receive that degree?

Code	Field of study
8428	
	x1 ☐ 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	1 ☐ Yes 2 ☐ No — *SKIP to Check Item T31*

4e. When did . . . receive his/her Bachelor's degree?

	8432	_____ Month	x1 ☐ Don't know ⎫ *SKIP to Check Item T31*
	8434	1 9 _____ Year	x1 ☐ Don't know ⎭

(SHOW FLASHCARD FF)

f. In what field of study were the courses that . . . took at college or university?

Code	Field of study
8436	
	x1 ☐ Don't know

g. When was the last time that . . . was a student at a college or university?

	8438	_____ Month	x1 ☐ Don't know
	8440	1 9 _____ Year	x1 ☐ Don't know
		OR	
	8442	1 ☐ Is still a student	

Part D — EDUCATION AND TRAINING HISTORY (Continued)

CHECK ITEM T31	Refer to cc item 24. Is . . . 65 years of age or older?	`8444`	1 ☐ Yes — SKIP to Check Item T32, page 65 2 ☐ No

5a. Has . . . ever received training designed to help find a job, improve job skills or learn a new job?

`8446` 1 ☐ Yes
2 ☐ No ⎫
x1 ☐ DK ⎭ SKIP to Check Item T32, page 65

b. Was any of this training sponsored by any of the following programs (Read categories)?

Mark (X) all that apply.

`8448` 1 ☐ Job Training Partnership Act (JTPA) or Comprehensive Employment Training Act (CETA)

`8450` 2 ☐ Job Opportunities and Basic Skills (JOBS) or Work Incentive Program (WIN)

`8452` 3 ☐ Food Stamps Work Program

`8454` 4 ☐ Other program sponsored by the Welfare Program or AFDC

`8456` 5 ☐ Veterans' Training Programs

`8458` 6 ☐ No

c. What type of training program is (was) this?

Mark (X) all that apply.

`8460` 1 ☐ Classroom training—job skills
`8462` 2 ☐ Classroom training—basic education
`8464` 3 ☐ On-the-job training
`8466` 4 ☐ Job search assistance
`8468` 5 ☐ Work experience
`8470` 6 ☐ Other

d. Where did . . . receive this training?

Mark (X) all that apply.

`8472` 1 ☐ Apprenticeship program
`8474` 2 ☐ Business, commercial, or vocational school
`8476` 3 ☐ Junior or community college
`8478` 4 ☐ Program completed at a 4 year college or graduate school
`8480` 5 ☐ High school vocational program
`8482` 6 ☐ Training program at work
`8484` 7 ☐ Military (exclude basic training)
`8486` 8 ☐ Correspondence course
`8488` 9 ☐ Training or experience received on previous job
`8490` 10 ☐ Sheltered workshop
`8492` 11 ☐ Vocational rehabilitation centers
`8494` 12 ☐ Other

e. Does . . . use this training on . . .'s (most recent) job?

`8496` 1 ☐ Yes
2 ☐ No

f. When did . . . start this (most recent) training?

(If more than one training occurred, ask about the most recent one.)

`8498` [_____] Month   x: ☐ Don't know

`8500` [1 9 ___] Year   x1 ☐ Don't know

g. For how many weeks did . . . attend this (most recent) training program?

`8502` [_____] Weeks

`8504` x3 ☐ Currently attending
x4 ☐ Less than 1 week
x1 ☐ Don't know

h. Who paid for this (most recent) program?

Mark (X) all that apply.

`8506` 1 ☐ Self or family
`8508` 2 ☐ Employer
`8510` 3 ☐ Federal, State, or local government
`8512` 4 ☐ Someone else

Go to Check Item T32, page 65

NOTES

CHECK ITEM T31

Part E — MARITAL HISTORY

CHECK ITEM T32	Refer to cc item 26a.	8600	· ☐ Married, spouse present
			☐ Married, spouse absent
	What is . . .'s current marital status?		☐ Widowed
			☐ Divorced
			☐ Separated
			☐ Never married — SKIP to Statement H, page 67

STATEMENT G ▶ Now I have a few questions about . . .'s marital history.

1. **How many times has . . . been married?** | 8602 | ☐ 1 — SKIP to Check Item T36, page 66
☐ 2
☐ 3
☐ 4 +

2a. In what month and year did . . . get married for the first time?

8604 |_____Month ☐ Don't know

8606 |1 9 |_____Year ☐ Don't know

b. Did . . .'s first marriage end in widowhood or in divorce?

8608 | ☐ Widowhood
☐ Divorce

C. In what month and year was . . . (widowed/divorced)?

8610 |_____Month ☐ Don't know

8612 |1 9 |_____Year ☐ Don't know

CHECK ITEM T33	Refer to item 2b above.	8614	☐ Yes — SKIP to Check Item T34
	Is "Widowhood" marked in item 2b?		☐ No

2d. In what month and year did . . . actually stop living with . . .'s spouse?

8616 |_____Month ☐ Don't know

8618 |1 9 |_____Year ☐ Don't know

CHECK ITEM T34	Refer to item 1 above.	8620	☐ 2 — SKIP to Check Item T36, page 66
	How many times has . . . been married?		☐ 3 +

3a. In what month and year did . . . get married for the second time?

8622 |_____Month ☐ Don't know

8624 |1 9 |_____Year ☐ Don't know

b. Did . . .'s second marriage end in widowhood or in divorce?

8626 | ☐ Widowhood
☐ Divorce

C. In what month and year was . . . (widowed/divorced)?

8628 |_____Month ☐ Don't know

8630 |1 9 |_____Year ☐ Don't know

CHECK ITEM T35	Refer to item 3b above.	8632	☐ Yes — SKIP to Check Item T36, page 66
	Is "Widowhood" marked?		☐ No

3d. In what month and year did . . . actually stop living with . . .'s second spouse?

8634 |_____Month ☐ Don't know

8636 |1 9 |_____Year ☐ Don't know

NOTES

Part E — MARITAL HISTORY (Continued)

CHECK ITEM T36	Has a Wave 2 interview been obtained for . . .'s spouse?	8638	₁ ☐ Yes — SKIP to Statement H ₂ ☐ No ₃ ☐ No, no spouse in household

4a. In what month and year did . . . get married (most recently)?

	8640	_____Month x1 ☐ Don't know
	8642	|1 |9 |_____ Year x1 ☐ Don't know

CHECK ITEM T37	Refer to Check Item T32. What is . . .'s current marital status?	8644	₁ ☐ Married, spouse present ⎫ SKIP to Statement H ₂ ☐ Married, spouse absent ⎭ ₃ ☐ Widowed ₄ ☐ Divorced ₅ ☐ Separated — SKIP to item 4c

4b. In what month and year was . . . (widowed/divorced)?

	8646	|____|____|Month x1 ☐ Don't know
	8648	|1 |9		Year x1 ☐ Don't know

CHECK ITEM T38	Refer to Check Item T37. Is "Widowed" marked?	8650	₁ ☐ Yes — SKIP to Statement H ₂ ☐ No

4c. When did . . . actually stop living with . . .'s (most recent) spouse?

	8652	|____|Month x1 ☐ Don't know
	8654	|1 |9		Year x1 ☐ Don't know

GO to Statement H

NOTES

STATEMENT H ▶ Now I have some questions about places where . . . has lived in the past, and where . . . was born.

---

1. When did . . . move into this home/apartment/mobile home?

`8700` ⬚ _____ Month x1 ☐ Don't know

`8702` |1 |9 | _____ Year x1 ☐ Don't know

x4 ☐ Always lived here — *SKIP to Check Item T40, page 68*

---

2. Before living here, where did . . . live?

(Refer to Flashcard GG for State or country code.)

`8704` 1 ☐ Same state, same county
2 ☐ Same state, different county

☐ Different State — *Specify code*

`8706` _____ x1 ☐ DK

☐ Different country — *Specify code*

`8708` _____ x1 ☐ DK

} *SKIP to item 6*

---

3. During what period of time did . . . live there?

`8709` x4 ☐ Lived there since birth —*SKIP to Check Item T40, page 68*

FROM

`8710` ⬚ Month x1 ☐ Don't know

`8712` |1 |9 | _____ Year x1 ☐ Don't know

TO

`8714` ⬚ _____ Month x1 ☐ Don't know

`8716` |1 |9 | _____ Year x1 ☐ Don't know

---

4. Has . . . ever lived in another State or foreign country?

`8718` 1 ☐ Yes
2 ☐ No — *SKIP to item 7*

---

5. What State or foreign country was that?
(If more than one, ask for most recent.)
(Enter code from Flashcard GG.)

`8720` Specify code
_____
x1 ☐ Don't know

---

6. During what period of time did . . . live there?

FROM

`8722` ⬚ _____ Month x1 ☐ Don't know

`8724` |1 |9 | _____ Year x1 ☐ Don't know

TO

`8726` ⬚ _____ Month x1 ☐ Don't know

`8728` |1 9 | _____ Year x1 ☐ Don't know

---

7. In what State or foreign country was . . . born?
(Enter code from Flashcard GG.)

Specify code

`8730` _____

CHECK ITEM T39 — Refer to item 7 above.
Does the code in item 7 equal a foreign country code of 62 – 92 or 99?

`8732` 1 ☐ Yes
2 ☐ No — *SKIP to Check Item T40, page 68*

---

8. Is . . . a naturalized citizen of the United States?

`8734` 1 ☐ Yes
2 ☐ No
3 ☐ No, born abroad of American parent or parents — *SKIP to Check Item T40, page 68*

---

9. When did . . . come to the United States to stay?

`8736` |1 |9 | _____

x5 ☐ Before 1901

Part G — FERTILITY HISTORY

CHECK ITEM T40	Refer to cc items 24 and 28. What is . . .'s age and sex?	8750	₁☐ Female – *Read Statement I and then SKIP to item 2a* ₂☐ Male, 18 – years old ₃☐ Male, 15 – 17 years old – *SKIP to Check Item T48, page 70*

STATEMENT I ▶ Now I have a few questions about the number of children, if any, that have been born to . . . .

1. 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.)

`8752`

_____ Number
₃☐ None
₁☐ Don't Know

} *SKIP to Check Item T48, page 70*

2a. How many children, if any, has . . . ever had? *(Do not count stillbirths, adopted. foster, or stepchildren.)*

`8754`

_____
_____ Number
₃☐ None – *SKIP to Check Item T48, page 70*

CHECK ITEM T41	Refer to cc item 24. Is . . . 65 years of age or older?	8756	₁☐ Yes – *SKIP to Check Item T48, page 70* ₂☐ No

2b. Are all of . . .'s children currently living in this household?

`8758`

₁☐ Yes
₂☐ No – *SKIP to Check Item T43*

CHECK ITEM T42	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). 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.

	Month	Year	Child's number	
First child	`8760` _____	`8762` _____	`8764` _____	SKIP to Check Item T48, page 70
Last child	`8766` _____	`8768` _____	`8770` _____	

(Month / Year / Child's number for last child)

CHECK ITEM T43	Refer to item 2a. How many children has . . . ever had?	8778	₁☐ One child – *SKIP to 4a* ₂☐ 2 – children

3a. When was . . .'s last child born?

`8780` _____ Month x₁☐ Don't know
`8782` `1 9` _____ Year x₁☐ Don't know

CHECK ITEM T44	Refer to item 3a. Was . . .'s last child born on or after January 1. 1970?	8784	₁☐ Yes ₂☐ No – *SKIP to 4a*

ASK OR VERIFY –

3b. With whom does the child live now?

`8786`

₁☐ **Resides in this household** – *Go to Check Item T45*

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 4a*

CHECK ITEM T45	Write the person number of the last child. `8788`	_____ _____ Person number of last child

4a. When was . . .'s first child born?

`8792` |_____ Month   ・・☐ Don't know

`8794` | 1 · 9 · |_____ Year   ⟨1⟩ ☐ Don't know

CHECK ITEM T46

Refer to item 4a.
Was . . . s first child born on
or after January 1, 1970?

`8796` | 1 ☐ Yes
2 ☐ No — SKIP to Check Item T48, page 70

ASK OR VERIFY —
4b. With whom does the child live now?

`8798` | 1 ☐ **Resides in this household** — Go to Check Item T47

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 T48, page 70

CHECK ITEM T47

Write the person number of
the first child.

`8800` |_____ Person number of first child

NOTES

Part H — HOUSEHOLD RELATIONSHIPS

CHECK ITEM T48	What is the composition of this household?	9266	1 ☐ One person HH .... 2 ☐ Two person HH consisting of husband and wife 3 ☐ Two person HH consisting of non-relatives 4 ☐ Other	} SKIP to Check Item C1 page 75
CHECK ITEM T49	Is this the Reference Person's questionnaire?	9268	1 ☐ Yes 2 ☐ No — SKIP to Check Item C1, page 75	

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 — 1. What is the EXACT relationship of (person listed in roster) to (each person listed in columns a – n)? **ROSTER**	Name 9272 a. Person No.	Name 9274 b. Person No.	Name 9276 c. Person No.	Name 9278 d. Person No.	Name 9280 e. Person No.	Name 9282 f. Person No.
9300 Name Person No.						
9330 Name Person No.	9332					
9360 Name Person No.	9362	9364				
9390 Name Person No.	9392	9394	9396			
9420 Name Person No.	9422	9424	9426	9428		
9450 Name Person No.	9452	9454	9456	9458	9460	
9480 Name Person No.	9482	9484	9486	9488	9490	9492
9510 Name Person No.	9512	9514	9516	9518	9520	9522
9540 Name Person No.	9542	9544	9546	9548	9550	9552
9570 Name Person No.	9572	9574	9576	9578	9580	9582
9600 Name Person No.	9602	9604	9606	9608	9610	9612
9630 Name Person No.	9632	9634	9636	9638	9640	9642
9660 Name Person No.	9662	9664	9666	9668	9670	9672
9690 Name Person No.	9692	9694	9696	9698	9700	9702

GO to Check Item C1, page 75

NOTES

Name	Name	Name	Name	Name	Name	Name	Name
9284 g.	**9286** h.	**9288** i.	**9290** j.	**9292** k.	**9294** l.	**9296** m.	**9298** n.
Person No.	Person No.	Person No.	Person No.	Person No.	Person No.	Person No.	Person No.

9524							
9554	**9556**						
9584	**9586**	**9588**					
9614	**9616**	**9618**	**9620**				
9644	**9646**	**9648**	**9650**	**9652**			
9674	**9676**	**9678**	**9680**	**9682**	**9684**		
9704	**9706**	**9708**	**9710**	**9712**	**9714**	**9716**	

NOTES

CALLBACK SUMMARY

<table>
<tr><td>CHECK ITEM C1</td><td>Are any items marked on Reminder Card for</td><td>5000</td><td colspan="2">☐ Yes – Mark appropriate item(s) below, then SKIP to Check item C2
☐ No – SKIP to Check item C2</td></tr>
</table>

1. Social Security Number
(enter in cc item 5a)
_____ _____ _____ x1 ☐DK x2 ☐Ref ☐None

2. Medicare claim number
item 25b, page 8)
| 5002 | _____ | 5004 | _____ | 5005 |

3. EMPLOYER

a. Employer #1 (item 8a page 17)

What was the total amount of pay received before deductions on this job in

5006	$ _____ . 00	last month	x1 ☐DK x2 ☐Ref x3 ☐None
5008	$ _____ . 00	2 months ago	x1 ☐DK x2 ☐Ref x3 ☐None
5010	$ _____ . 00	3 months ago	x1 ☐DK x2 ☐Ref x3 ☐None
5012	$ _____ . 00	4 months ago	x1 ☐DK x2 ☐Ref x3 ☐None

b. Employer #2 (item 16a. page 19)

What was the total amount of pay received before deductions on this job in

5014	$ _____ . 00	last month	x1 ☐DK x2 ☐Ref x3 ☐None
5016	$ _____ . 00	2 months ago	x1 ☐DK x2 ☐Ref x3 ☐None
5018	$ _____ . 00	3 months ago	x1 ☐DK x2 ☐Ref x3 ☐None
5020	$ _____ . 00	4 months ago	x1 ☐DK x2 ☐Ref x3 ☐None

4. SELF-EMPLOYMENT

a. Self-employment #1 (item 7 page 21)

What was the total amount of income received from this business in

5022	$ _____ . 00	last month	x1 ☐DK x2 ☐Ref x3 ☐None
5024	$ _____ . 00	2 months ago	x1 ☐DK x2 ☐Ref x3 ☐None
5026	$ _____ . 00	3 months ago	x1 ☐DK x2 ☐Ref x3 ☐None
5028	$ _____ . 00	4 months ago	x1 ☐DK x2 ☐Ref x3 ☐None

b. Self-employment #2 (item 15 page 23)

What was the total amount of income received from this business in

5030	$ _____ . 00	last month	x1 ☐DK x2 ☐Ref x3 ☐None
5032	$ _____ . 00	2 months ago	x1 ☐DK x2 ☐Ref x3 ☐None
5034	$ _____ . 00	3 months ago	x1 ☐DK x2 ☐Ref x3 ☐None
5036	$ _____ . 00	4 months ago	x1 ☐DK x2 ☐Ref x3 ☐None

5. What was the average amount in savings, Money market deposit accounts, CD's, interest-earning checking accounts held jointly by husband and wife (item 2c page 48)

Amounts for the period – _____ through _____
| 5038 | $ _____ . 00 | x1 ☐DK x2 ☐Ref |

6. What was the average amount in savings, Money market deposit accounts, CD's interest-earning checking accounts in own name (item 3c page 49)
| 5040 | $ _____ . 00 | x1 ☐DK x2 ☐Ref |

7. What was the average amount in Money market funds securities bonds held jointly by husband and wife? (item 2c page 49)
| 5042 | $ _____ . 00 | x1 ☐DK x2 ☐Ref |

8. What was the average amount in Money market funds securities bonds in own name (item 3c page 49)
| 5044 | $ _____ . 00 | x1 ☐DK x2 ☐Ref |

9. What was the amount received in dividends by husband and wife jointly (item 1c page 50)
| 5048 | $ _____ . 00 | x1 ☐DK x2 ☐Ref x3 ☐None |

10. What was the amount received in dividends in own name (item 2c page 50)
| 5050 | $ _____ . 00 | x1 ☐DK x2 ☐Ref x3 ☐None |

<table>
<tr><td>CHECK ITEM C2</td><td>Has an interview been conducted for all household members 15+?</td><td>5052</td><td>1 ☐ Yes – Enter finish time on cover page, fill cc items 38 and 39 and END INTERVIEW
2 ☐ No – Enter finish time for this household member, THEN interview next 15+ household member</td></tr>
</table>

CALLBACK SUMMARY

B2 –20

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

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

SPECIAL INDICATORS

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

INCOME SOURCE SUMMARY (ISS)

INSTRUCTION — Column (a) shows the income source code. In column (b), mark (X) for all sources from which income was received during the reference period. In column (c), enter the code to indicate whether the respondent used records to verify or provide amounts. Column (d) shows the type of income source. The Amounts section should be filled starting with the page number shown in column (e) for those income sources which have been marked.

PGM 9				
ISS code	Mark (X)	Record use code 1 = Yes 2 = No 3 = Ref. 4 = So. C.	Type of income source and income source code	Amounts section page number
a)	b)	(c)	(d)	(e)
1			**INCOME CODES 1-7** Social Security	
2			U.S. Government Railroad Retirement pay	
3			Federal Supplemental Security Income (SSI)	
5			State Unemployment compensation	
6			Supplemental Unemployment Benefits	
8			**INCOME CODES 8-13** Veterans' compensation or pensions	
20			**INCOME CODES 20-29** Aid to Families with Dependent Children (AFDC, ADC)	
24			Other Welfare — *Specify*	
25			WIC (Women, Infants, and Children Nutrition Program)	
27			Food Stamps	(A) - 24
28			Child Support payments	28
29			Alimony payments	32
				36
				40
				44
30			**INCOME CODES 30-38** Pension from company or union	
40			**INCOME CODES 40-41** GI Bill education benefits	
55			**INCOME CODES 50-56** Incidental or casual earnings	
			ASSET CODES 100-150 Interest Earning Assets	
100			Regular/passbook/savings accounts in a bank, savings and loan or credit union	
101			Money market deposit accounts	(B) - 48
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	
170			**SPECIAL INDICATOR CODES 170-183, 200, 201** Worked	Section 2
171			Disabled	
172			Medicare	
173			Medicaid	
174			U.S. Savings Bonds	DO NOT FILL
200			VA disability rating of 100%	
201			VA disability rating of less than 100%	

Fill the following items with a red pencil.

APPENDIX C

Working Papers

This appendix provides a list of a SIPP Working Papers. Any of these papers are free of charge. See the order form on page C-7.

1990

9001 - "Recent Developments in the Survey of Income and Program Participation", Census Bureau

9002 - "An Analysis of Leaving Home Using Data From the 1984 Panel of the SIPP", by Alden Speare, Roger Avery, Frances Goldscheider, Brown University

9003 - "The Effect of the Marriage Market on First Marriages: Evidence From SIPP", John Fitzgerald, Bowdoin College

9004 - "Counting Spells of Unemployment", Paul Ryscavage and Kathleen Short, Census Bureau

9005 - "The Elderly and Their Sources of Income: Implications for Rural Development", Robert Hoppe, Economic Research Service, U.S. Department of Agriculture

9006 - "Alternative Estimates of Economic Well-Being by Age Using Data on Wealth and Income, Daniel Radner, Social Security Administration

9007 - "Longitudinal Analysis of Federal Survey Data", Patricia Ruggles, Joint Economic Committee

9008 - "Measurement Errors in SIPP Program Reports", Kent H. Marquis and Jeffrey C. Moore, Census Bureau

1989

8901 - "Quality of SIPP Estimates," R. P. Singh, L. Weidman, and G. Shapiro, Census Bureau

8902 - "Two Notes on Sampling Variance Estimates from the 1984 SIPP Public-Use Files," by B. Bye and S. J. Gallicchio, Social Security Administration

8903 - "Longitudinal vs. Retrospective Measures of Work Experience," P. Ryscavage and J. Coder, Census Bureau

8904 - "Analyzing the Characteristics of Blacks: A Comparison of Data from SIPP and CPS," R. Farley and L. J. Neidert, University of Michigan

8905 - "Enhanced Demographic-Economic Data Sets," R. Herriot, C. Bowie, D. Kasprzyk, and S. Haber, Census Bureau

8906 - "Reflections on the Income Estimates from the Initial Panel of The Survey of Income and Program Participation (SIPP)," D. Vaughan, Social Security Administration

8907 - "Measuring Spells of Unemployment and Their Outcomes," P. Ryscavage, Census Bureau

8908 - "Welfare Dependency and its Causes: Determinants of the Duration of Welfare Spells," P. Ruggles, The Urban Institute

8909 - "Measuring the Duration of Poverty Spells," P. Ruggles, The Urban Institute and R. Williams, Congressional Budget Office

8910 - "Methods of Processing Unit Data Longitudinally on the SIPP," K. Smith, Congressional Budget Office

8911 - "Composite Estimation for SIPP Annual Estimates," R. P. Chakrabarty, Census Bureau

8912 - "Research and Evaluation Conducted on the Survey of Income and Program Participation," R. Petroni, T. Carmody, and V. Huggins, Census Bureau

8913 - "A Poisson Model of Response and Procedural Error Analysis of SIPP Reinterview Data," D. Hill, University of Michigan

8914 - "The Economic Resources of the Edlerly," S. Crystal and D. Shea, Rutgers University

8915 - "Multivariate Analysis by Users of SIPP Micro-Data Files," R. P. Chakrabarty, Census Bureau

8916 - "A Resource-Based Model of Living Arrangements Among the Unmarried Elderly," J. E. Mutchler and J. A. Burr, University of Buffalo

8917 - "Measuring Household Change at The individual Level Using Data From SIPP," A. Speare, Jr. and R. Avery, Brown University

8918 - "The Effect of Child Care Costs on Married Women's Labor Force participation," R. Connelly, Bowdoin College

8919 - "Income and Assets of Social Security Beneficiaries by Type of Benefit," S. Grad, Social Security Administration

8920 - "Development and Evaluation of a Survey-Based Type of Benefit Classification for the Social Security Program," D. Vaughan, Social Security Administration

8921 - "Wave Seam Effects in the SIPP," N. Young, The Urban Institute

8922 - "Components of Longitudinal Household Change for 1984-1985: An Evaluation of National Estimates from the SIPP," by Donald J. Hernandez, Bureau of the Census

8923 - "Database Design for Large-Scale Complex Data," by Martin H. David and Alice Robbin, University of Wisconsin-Madison

8924 - "Measuring the Frequency and Consequences of Job Separations: Data from the Survey of Income and Program Participation," by John M. McNeil and Enrique J. Lamas, Bureau of the Census

8925 - "The Regular Receipt of Child Support: A Multi-step Process," by James L. Peterson and Christine Winquist Nord, Child Trends, Inc.

1988

8801 - "The Impact of the Unit of Analysis on Measures of Serial Multiple Program Participation," by P. Doyle and S. E. Long, Mathematica Policy Research, Inc.

8802 - "Short-Term Fluctuations in Income and Their Impacts on the Characteristics of the Low-Income Population: New Data From the Survey of Income and Program Participation," by P. Ruggles, Urban Institute

8803 - "Residential Mobility of One-Person Households," by J. Witte and H. Lahmann, German Institute for Economic Research

8804 - "Year-Apart Estimates of Household Net Worth From the Survey of Income and Program Participation," by John M. McNeil and Enrique J. Lamas, Bureau of the Census

8805 - "Measuring Poverty and Crises: A Comparison of Annual and Subannual Accounting Program Participation," by Martin David and John Fitzgerald, Institute for Research on Poverty

8806 - "Using Administrative Record Data to Evaluate the Quality of Survey Estimates," by Jeffrey C. Moore and Kent H. Marquis, Bureau of the Census

8807 - "The Wealth of the Aged and Nonaged, 1984," by Daniel B. Radner, HHS

8808 - "Examining the Dynamics of Health Insurance Loss: A Tale of Two Cohorts," by Alan C. Monheit and Claudia L. Schur, NCHSR

8809 - "The Dynamics of Medicaid Enrollment," by Pam Farley Short, Joel C. Cantor, and Alan C. Monheit, NCHSR

8810 - "The Discouraged Worker Effect: A Reappraisal Using Spell Duration Data," by Alberto Martini, University of Wisconsin-Madison

8811 - "Income as a Proxy for the Economic Status of the Elderly," by Deborah J. Chollet and Robert B. Friedland, Employee Benefit Research Institute

8812 - "The SIPP: Data from the Social Security Administration's 1987 Annual Statistical Supplement"

8813 - "Participation in Industrial Training Programs," by Sheldon Haber, George Washington University

8814 - "A Methodological Study Using Administrative Records: The Special Frames Study of the Income Survey Development Program," by W. J. Logan, Social Security Administration, D. Kasprzyk and R. Cavanaugh, Census Bureau

8815 - "The Effect of Income Taxation on Labor Supply When Deductions are Endogenous," by R. K. Thriest, Johns Hopkins University

8816 - "A Comparison of Gross Change in Labor Force Status From SIPP and CPS," by P. Ryscavage and A. Feldman-Harkins, Census Bureau

8817 - "How are the Elderly Housed? New Data from the 1984 Survey of Income and Program Participation," by A. Goldstein, Census Bureau

8818 - "Welfare Recipiency as Observed in the SIPP," by J. Coder, Census Bureau and P. Ruggles, The Urban Institute

8819 - "Reservation Wages and Subsequent Acceptance Wages of Unemployed Persons," by P. Ryscavage, Census Bureau

8820 - "Selected References From the Income Survey Development Program (ISDP) and Survey of Income and Program Participation (SIPP)"

8821 - "Training, Wage Growth, Firm Size," by S. Haber, The George Washington University and E. Lamas, Census Bureau

8822 - "Defining and Measuring Normetro Poverty: Results From The Survey of Income and Program Participation," by R. Hoppe, USDA-ERS-ARED

8823 - "Nonresponse Adjustment Methods For Demographic Surveys at the U.S. Bureau of the Census," by R. Singh and R. Petroni, Census Bureau

8824 - "Testing Telephone Interviewing in the Survey of Income and Program Participation and Some Early Results," by S. Durant and P. Gbur, Census Bureau

8825 - "Excluding Sample That Misses Some Interviews From SIPP Longitudinal Estimates," by L. Ernst and D. Gillman, Census Bureau

8826 - "The Employment of Mothers and the Prevention of Poverty," by M. Hill, University of Michigan and H. Hartmann, Rutgers University

8827 - "Using Administrative Record Data To Describe SIPP Response Errors," by J. Moore and K. Marquis, Census Bureau

8828 - "A Look at Welfare Dependency Using The 1984 SIPP Panel File," by J. Coder, D. Burkhead, and A. Feldman-Harkins, Census Bureau

8829 - "Census Bureau Microdata: Providing Useful Research Data While Protecting The Anonymity of Respondents ," by G. Gates, Census Bureau

8830 - "The Survey of Income and Program Participation: An Overview and Discussion of Research Issues," by D. Kasprzyk, Census Bureau

1987

8701 - "Tracking Persons Over Time," by A. C. Jean and E. K. McArthur, Census Bureau

8702 - "Preliminary Data From the SIPP 1983-84 Longitudinal Research File," by J. F. Coder, D. Burkhead. A. Feldman-Harkins, and J. McNeil, Census Bureau

8703 - "Work Experience Data From SIPP," by P. Ryscavage and A. Feldman-Harkins, Census Bureau

8704 - "The Treatment of Person -Wave Nonresponse in Longitudinal Surveys," by G. Kalton, J. Lepkowski, S. Heeringa, Ting-Kwong Lin, and M. E. Miller, Survey Research Center, University of Michigan

8705 - "SIPP: Filling Data Gaps on the Poverty and Social Welfare Fronts," by P. Ryscavage, Census Bureau

8706 - "Response Errors in Labor Surveys: Comparisons Self and Proxy," by D. Hill University of Michigan

8707 - "Differences Between SIPP and Food and Nutrition Service Program Data on Child Nutrition and WIC Program Participation, by L. Ku and R. Dalrymple, Food and Nutrition Service, U.S. Department of Agriculture

8708 - "Quality Profile for the Survey of Income and Program Participation," by K. King, R. Petroni, and R. Singh, Census Bureau

8709 - "Survey of Income and Program Participation SIPP Sample Loss and the Efforts to Reduce It," by D. Nelson, C. Bowie, and A. Walker, Census Bureau

8710 - "The Impact of Imputation Procedures on Distributional Characteristics of the Low Income Population," by P. Doyle, Mathematica Policy Research, Inc., and R. Dalrymple, Food and Nutrition Service, U. S. Department of Agriculture

8711 - "Job Tenure, Lifetime Work Interruptions and Wage Differentials," by J. McNeil, E. Lamas, Census Bureau, and S. Haber, George Washington University

8712 - "Measuring the Bias in Gross Flows in the Presence of Auto-Correlated Response Errors," by D. Hubble, Census Bureau, and D. Judkins, Westat, Inc.

8713 - "Investigation of Possible Causes of Transition Patterns from SIPP," by L. Weidman, Census Bureau

8714 - "Households and Income Sources: Monthly Averages for 1984," by J. Moorman, Census Bureau

8715 - "Creating SIPP Longitudinal Files Using OSIRIS IV," by M. Servais, University of Michigan

8716 - "Transition In and Out of Poverty: New Data From the Survey of Income and Program Participation," by P. Ruggles, Urban Institute and R. Williams, Congressional Budget Office

8717 - "On their own: The Self-employed and Others in Private Business," by S. Haber, George Washington University, E. Lamas Bureau of the Census, and J. Lichtenstein, U.S. Small Business Administration.

8718 - "Factors Associated With Household Net Worth," by E. Lamas and J. McNeil, Bureau of the Census

8719 - "Exploring Changes in Health Care Coverage Using the SIPP Longitudinal Research File," by D. Burkhead and A. Feldman, Bureau of the Census

8720 - "The Analysis of Geographical Mobility and Life Events with the SIPP," by D. Dahmann and E. McArthur, Bureau of the Census

8721 - "A Review of the Use of Administrative Records in the Survey of Income and Program Participation, by C. Bowie and D. Kasprzyk, Census Bureau

8722 - "Survey of Income and Program Participation Update," by D. Kasprzyk, Bureau of the Census

8723 - "Measuring Poverty with the SIPP and the CPS," by R. Williams, Congressional Budget Office

8724 - "The Statistical Invisible Minority Aged," by C. Taeuber, Bureau of the Census,and E. Attah, Atlanta University

8725 - "An Analysis of the SIPP Asset and Liability Feedback Experiment," by E. Lamas and J. McNeil, Bureau of the Census

1986

8601 - "Some Aspects of SIPP," compiled and edited by R. A. Herriot and D. Kasprzyk, Census Bureau

8602 - "Nonsampling Error Issues in the SIPP," by G. Kalton, University of Michigan, and D. B. McMillen and D. Kasprzyk, Census Bureau

8603 - "An Investigation of Model-Based Imputation Procedures Using Data From the Income Survey Development Program," by V. J. Huggins and L. Weidman, Census Bureau

8604 - "Food Stamp Participation: A Comparison of SIPP With Administrative Records," by S. Carlson and R. Dalrymple, Food and Nutrition Service

8605 - "SIPP Longitudinal Household Estimation for the Proposed Longitudinal Definition," by L. R. Ernst, Census Bureau

8606 - "A Comparison of Seven Imputation Procedures for the 1979 Panel of the Income Survey Development Program," by V. J. Huggins, Census Bureau

8607 - "An Investigation of the Imputation of Monthly Earnings for the Survey of Income and Program Participation Using Regression Models," by V. J. Huggins and L. Weidman, Census Bureau

8608 - "Evaluation of Training Materials and Methods for the Survey of Income and Program Participation," by M. Holt, Survey Research Consultant

8609 - "Patterns of Household Composition and Family Status change," by C. F. Citro, ASA/Census Research Fellow, and H. W. Watts, Department of Economics, Columbia University

8610 - "Composite Estimation for SIPP: A Preliminary Report," by R. P. Chakrabarty, Census Bureau

8611 - "Longitudinal Household Concepts in SIPP: Preliminary Results," by C. F. Citro, ASA/Census Research Fellow, D. J. Hernandez, and R. A. Herriot, Census Bureau

8612 - "Following Children in the Survey of Income and Program Participation," by E. K. McArthur, K. S. Short, and S. Bianchi, Census Bureau

8613 - "SIPP Labor Transitions: Problems and Promises," by P. Ryscavage and K. S. Short, Census Bureau

8614 - "Augmenting Data Reported in the Survey of Income and Program Participation With Administrative Record Data - A Brief Discussion," by D.K. Sater, Census Bureau

1985

8501 - "The Survey of Income and Program Participation: Uses and Application," by K.S. Short, Census Bureau

8502 - "Application of a Matched File Linking the Bureau of the Census Survey of Income and Program and Participation and Economic Data," by S. Haber, George Washington University

8503 - "Using the Survey of Income and Program Participation for Research on the Older Population," by D. B. McMillen, C. M. Taeuber, and J. Marks, Census Bureau

8504 - "Summary of the Content of the 1984 Panel of the Survey of Income and Program Participation," by D. T. Frankel, Census Bureau

8505 - "Enhancing Data From the Survey of Income and Program Participation With Data From Economic Censuses and Surveys," by D. K. Sater, Census Bureau

8506 - "Methodologies for Imputing Longitudinal Survey Items," by V. J. Huggins, L. Weidman, and M. E. Samuhel, Census Bureau

8507 - "New Household Survey and the CPS: A Look at Labor Force Differences," by P. M. Ryscavage, Census Bureau, and J. E. Bregger, Bureau of Labor Statistics

1984

8401 - (Update No. 1, Revised 12/85) "An Overview of the Survey of Income and Program Participation," by D. Nelson, D.B. McMillen, and D. Kasprzyk, Census Bureau

SIPP WORKING PAPERS
ORDER FORM

These papers are free of charge. To receive any of these papers, put a check by the appropriate number and mail this form to:

Data User Services Division
Customer Services
Bureau of the Census
Washington, DC 20233

If you request papers by phone, please contact Carmen Campbell on (301) 763-2005.

SIPP WORKING PAPERS

1984/1985

____ 8401
____ 8501
____ 8502
____ 8503
____ 8504
____ 8505
____ 8506
____ 8507

1986

____ 8601	____ 8608
____ 8602	____ 8609
____ 8603	____ 8610
____ 8604	____ 8611
____ 8605	____ 8612
____ 8606	____ 8613
____ 8607	____ 8614

1987

____ 8701	____ 8707	____ 8715	____ 8722
____ 8702	____ 8709	____ 8716	____ 8723
____ 8703	____ 8710	____ 8717	____ 8724
____ 8704	____ 8711	____ 8718	____ 8725
____ 8705	____ 8712	____ 8719	
____ 8706	____ 8713	____ 8720	
____ 8707	____ 8714	____ 8721	

1988

____ 8801	____ 8808	____ 8815	____ 8822	____ 8829
____ 8802	____ 8809	____ 8816	____ 8823	____ 8830
____ 8803	____ 8810	____ 8817	____ 8824	
____ 8804	____ 8811	____ 8818	____ 8825	
____ 8805	____ 8812	____ 8819	____ 8826	
____ 8806	____ 8813	____ 8820	____ 8827	
____ 8807	____ 8814	____ 8821	____ 8828	

1989

____ 8901	____ 8908	____ 8915	____ 8922
____ 8902	____ 8909	____ 8916	____ 8923
____ 8903	____ 8910	____ 8917	____ 8924
____ 8904	____ 8911	____ 8918	____ 8925
____ 8905	____ 8912	____ 8919	
____ 8906	____ 8913	____ 8920	
____ 8907	____ 8914	____ 8921	

1990

____ 9001	____ 9005
____ 9002	____ 9006
____ 9003	____ 9007
____ 9004	____ 9008

APPENDIX D

Machine-Readable Data Dictionary Layout

Data dictionary lines are 46 characters. The character on the first position determines the type of lines. Each variable may have the following lines:

1. COMMENTS (" * ") lines
2. DATA DICTIONARY (" D ") ; line and DATA DESCRIPTION
3. UNIVERSE (" U ") lines
4. VALUE DESCRIPTION lines
5. One blank line at the end

FORMAT

"*" LINE COMMENTS

a.   " * " in the first position indicates that this is a comment line. This line can appear any place in the dictionary. It will be used for short comments or to nullify any value codes.

b.   " ** " in the first two positions is also comments but it has additional meaning. It indicates this is a block of comments which will be applied to several variables. The first line of this block will ave the COMMENT NO. so that subsequent variable can refer back to this comment block.

"D" LINE DATA DICTIONARY

This line contains the following information:

ID	"D"	COL.	1- 1
NAME	Variable name	COL.	3-10
SIZE	Size of data field	COL.	14-15
BEGIN	Begin position of data field	COL.	19-22
TYPE	Character variable indicator "CHAR" or blanks if numeric variable	COL.	26-29
DEC	Implied decimal places	COL.	33-34
IND	TABLE variable indicator "TABLE" with "(aa)" for its dimension; otherwise blanks	COL.	38-46

Text describing the variable will follow this "D" line. Use COL. 6-46 and repeat as many lines as necessary.

"U" LINE UNIVERSE DEFINITION

This line contains the universe definition. Use COL. 3-46 and repeat as many lines as necessary.

ID	" U "	COL.	1- 1
DESCRIPTION	Universe description	COL.	3-46

(For continuation use COL. 3-46 and repeat as many lines as necessary.)

"V" LINE VALUE DEFINITION

ID	" V "	COL.	1- 1
VALUE	Value code-right justified	COL.	3-12
	" "	COL.	14
DESCRIPTION	Value description	COL.	15-46

(Repeat COL. 14-46 format for continued value description.)

APPENDIX E

User Notes

This section is reserved for any information relevant to the SIPP 1991 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.