

**Survey of Income and Program
Participation (SIPP)
1992 Panel
Wave 2 Topical Module
Microdata File**

TECHNICAL DOCUMENTATION
SIPP-92-2T

SURVEY OF INCOME AND PROGRAM PARTICIPATION (SIPP)

1992 PANEL

WAVE 2 TOPICAL MODULE MICRODATA FILE

Technical Documentation

Washington, D.C.

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ABSTRACT

*Survey of Income and Program Participation (SIPP) 1992 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], 1994.*

Type of File

Microdata; unit of observation is an individual.

Universe Description

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

Subject-Matter Description

The file contains data primarily from the topical module portion of the questionnaire. However, for purposes of matching persons to the core file, which was released separately, the beginning of the file contains identifying information as well as some basic demographic and social characteristics that are also contained in the core file. The identifying information includes sample unit, household address, and entry address identification. Demographic and social characteristics include age, sex, race (White; Black; American Indian, Eskimo, and Aleut; Asian or Pacific Islander; and Other), ethnic origin (23 categories including 7 Spanish origin categories), marital status, and education. Data in this topical module file include 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 1992. For each group the reference period for reporting labor force activity and income is the four calendar months preceding the interview month.

SIPP is a longitudinal survey where each sampled household and each descendent household is reinterviewed at 4-month intervals for 10 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: 52,771 logical records; 1,052 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

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

Survey of Income and Program Participation (SIPP) 1992 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 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 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 1991 Panels as well as Waves 1 through 3 of the 1992 Panel are available from Customer Services, Data User Services Division, Bureau of the Census, Washington, DC 20233. An order form is on the following page for your convenience.

File Availability

Survey of Income and Program Participation (SIPP) 1992 Panel, Wave 2 Topical Module Microdata File is available at 6250 bpi; ASCII or EBCDIC, labeled or unlabeled. The file is also available on tape cartridges (IBM 3480 compatible). A machine-readable dictionary is contained at the end of the file. This dictionary is also available separately on one tape reel. When ordering, please use the order form on the following page.

FILE INFORMATION

Matching Topical Module File with Core File

Since the core and topical module data are released as separate files it may be necessary to match the two files. The two files contain the following information for linking purposes.

Variable	Brief Description
ID	Sample Unit ID (scrambled)
ADDID	Household address ID
ITEM36B	Interview status code
INTVW	Person's interview status
PP-MIS*	Person's monthly interview status
ENTRY	Edited entry address ID
PNUM	Edited person number
FINALWGT	Weighting factor
RRP	Edited relationship to reference person
AGE	Edited and imputed age as of last birthday
SEX	Sex of person
PNSP	Person number of spouse
PNPT	Person number of parent
HIGRADE	Highest grade of year of school attended
GRD-COMPL	Highest grade completed
ETHNICTY	Ethnic origin

In order to confirm that the appropriate number of matches occur when merging data from core and topical module files, fields PP-MIS(1) through PP-MIS(4) for the four reference months and PP-MIS(5) for the interview month have been added. PP-MIS defines the monthly person interview status with 1 signifying an interview and 2 signifying a noninterview. Matching topical module records to month four on the person-month file should result in a match of all topical module records where PP-MIS(4) is equal to one. Although any reference month can be used for matching, month four is used because it is the closest month to the interview month available on the person-month files.

Geographic Coverage

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

Identification Number System

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

The various components of the identification scheme are listed below:

- Sample Unit Identification Number
- Address ID
- Entry Address ID
- Person Number

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

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

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

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

Topcoding of Income Variables

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

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

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

GLOSSARY OF SELECTED TERMS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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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.

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Job Training In High School Vocation Program	TM8480.....	824
Job Training Program at Work.....	TM8482.....	825
Job Training In Military.....	TM8484.....	826
Job Training Through Correspondence Course.....	TM8486.....	827
Job Training Received On Previous Job.....	TM8488.....	828
Job Training Through Sheltered Workshop.....	TM8490.....	829
Job Training Through Vocational Rehabilitation Centers.....	TM8492.....	830
Job Training Through Other Sources.....	TM8494.....	831
Job Training Used On Most Recent Job	TM8496.....	832
Job Training Started In Which Month.....	TM8498.....	833
Job Training Started In Which Year.....	TM8500.....	835
Job Training, Number Of Weeks Attended	TM8502.....	839
Job Training, Attendance In.....	TM8504.....	842
Job Training Paid For By Self Or Family	TM8506.....	844

<u>Item</u>	<u>Mnemonic</u>	<u>Position</u>
Marriage Ended In Widowhood - Check Item T11	TM8614.....	880
Marriage Ended In Widowhood Or Divorce In Which Month	TM8610.....	874
Marriage Ended In Widowhood Or Divorce In Which Year	TM8612.....	876
Marriage Ended In Widowhood Or Divorce, First	TM8608.....	873
Marriages, Number Of	TM8602.....	866
Married In Which Month The First Time	TM8604.....	867
Married In Which Month The Second Time	TM8622.....	888
Married In Which Month, Most Recently	TM8640.....	909
Married In Which Year The First Time	TM8606.....	869
Married In Which Year The Second Time	TM8624.....	890
Married In Which Year, Most Recently	TM8642.....	911
Married, Number Of Times	TM8620.....	887
Moved In Which Month	TM8700.....	933
Moved In Which Year	TM8702.....	935
Naturalized Citizen Of United States	TM8734.....	976
Naturalized Citizens' Arrival Date In United States	TM8736.....	977
Person Number A-N	TM9272:98.....	70
Person Number A-N Unedited	U-TM9272:98.....	338
Person Number Of First Child	TM8764.....	1008
Person Number Of Last Child - Check Item T23	TM8788.....	1030
Person Number Of Parent	PNPT	57
Person Number Of Second Child	TM8770.....	1017
Person Number Of Second Child with 3+ Siblings	TM8800.....	1042
Person Number Of Spouse	PNSP	54
Person Number, Edited	PNUM	32
Person's Monthly Interview Status: Reference Month 1	PP-MIS1.....	25
Person's Monthly Interview Status: Reference Month 2	PP-MIS2.....	26
Person's Monthly Interview Status: Reference Month 3	PP-MIS3.....	27
Person's Monthly Interview Status: Reference Month 4	PP-MIS4.....	28
Person's Monthly Interview Status: Reference Month 5	PP-MIS5.....	29
Previous Residence In Different Country	TM8708.....	942
Previous Residence In Different State	TM8706.....	940
Previous Residence In Same State	TM8704.....	939
Race - Edited And Imputed	RACE	52
Reference Person's Questionnaire	U-TM9268.....	337
Relationship In The Household	TM9300:9716.....	112
Relationship To Reference Person, Edited	RRP	47
Relationship In The Household - Unedited	U-TM9300:9716.....	380
Resided In Another State Or Foreign Country	TM8718.....	958
Resided In Another State Or Foreign Country From What Month	TM8722.....	961
Resided In Another State Or Foreign Country From What Year	TM8724.....	963
Resided In Another State Or Foreign Country To What Month	TM8726.....	967
Resided In Another State Or Foreign Country To What Year	TM8728.....	969
Resided In Previous Residence From What Month	TM8710.....	946
Resided In Previous Residence From What Year	TM8712.....	948
Resided In Previous Residence To What Month	TM8714.....	952
Resided In Previous Residence To What Year	TM8716.....	954
Resided In Residence During What Period Of Time	TM8709.....	944
Resided In Which State Or Foreign Country	TM8720.....	959
Residence Of Last Child	TM8786.....	1028
Residence Of Second Child with 3+ Siblings	TM8798.....	1040
Rotation Group	ROTATION	15
School Attendance - Last Month Attended Elementary Or HS	TM8402.....	756
School Attendance - Last Year Attended Elementary Or HS	TM8404.....	758

SIPP 1992 WAVE 2 TOPICAL MODULE

<u>Item</u>	<u>Mnemonic</u>	<u>Position</u>
School, When Last Attended	TM8406.....	762
Second Child Born On Or After Jan. 1, 1960 - Check Item T24.....	TM8796.....	1039
Sequence Number Of Sample Unit.....	SUSEQNUM.....	1
Sex - Edited And Imputed.....	SEX.....	51
State Code, FIPS.....	STATE.....	16
Wave 2 Interview Obtained for Spouse - Check Item T14.....	TM8638.....	908
Wave Number Within Panel	WAVE.....	65
Weight, Second Stage Factor.....	FINALWGT	35
Widowed Marked - Check Item T16	TM8650.....	922
Widowhood Marked - Check Item T13.....	TM8632.....	901
Work 35 Or More Hours Per Week During Reference Period	TM8340.....	733
Work Disability Began In What Month.....	TM8334.....	725
Work Disability Began In What Year.....	TM8336.....	727
Work Disability Date Not Applicable.....	TM8338.....	731
Work Full Or Part Time.....	TM8342.....	734
Work Limitation Began Before Working Age Or After Retirement.....	TM8314.....	708
Work Limitation Began When Employed.....	TM8316.....	710
Work Limitation Began, Last Time Worked Before	TM8322.....	717
Work Limitation Began, Month In Which.....	TM8310.....	702
Work Limitation Began, Month Worked Before.....	TM8318.....	711
Work Limitation Began, Year In Which.....	TM8312.....	704
Work Limitation Began, Year Worked Before	TM8320.....	713
Work Limitation Caused By Accident Or Injury.....	TM8326.....	721
Work Limitation Caused By What Health Condition	TM8324.....	719
Work Limitation Occurred Where	TM8328.....	722
Work Limitations Caused By Health Or Condition.....	TM8306.....	700
Work Limitations Caused By Physical, Mental Or Other Health.....	TM8308.....	701
Work Prevented By Health Or Condition.....	TM8332.....	724
Work Regularly, Occasionally, Or Irregularly	TM8344.....	735
Work Same As Before Work Limitation Began.....	TM8346.....	736
Worked Marked On ISS - Check Item T4	TM8330.....	723

ALPHABETICAL VARIABLE LISTING TO 1992 WAVE 2 TOPICAL MODULE

<u>Mnemonic</u>	<u>Item</u>	<u>Position</u>
ADDID	Address Identification	20
AGE	Age As Of Last Birthday - Edited And Imputed	48
ALTM9332:9716	Imputation Flags for Household Relationships	604
ENTRY	Address Identification - Edited Entry	30
ETHNICTY	Ethnic Origin	63
FINALWGT	Weight, Second Stage Factor	35
GRD-CMPL	Grade Attended Was Completed, Highest	62
HIGRADE	Grade Or Year Of School Attended, Highest	60
ID	Identifier, Sample Unit	6
IMP8306:8346	Imputation For 'TM8306' - 'TM8346'	737
IMP8414:8496	Imputation For 'TM8414' - 'TM8496'	848
IMP8500:8512	Imputation For 'TM8500' - 'TM8512'	861
IMP8602:8626	Imputation for 'TM8602' - 'TM8626'	929
IMP8700:8736	Imputation For 'TM8700' - 'TM8736'	981
IMP8754:8798	Imputation For 'TM8754' - 'TM8798'	1045
INTVW	Interview Status, Person's	24
ITEM36B	Interview Status Code	22
MS	Marital Status	53
PINX	Index From Core, Person	18
PNPT	Person Number Of Parent	57
PNSP	Person Number Of Spouse	54
PNUM	Person Number, Edited	32
PP-MIS1	Person's Monthly Interview Status: Reference Month 1	25
PP-MIS2	Person's Monthly Interview Status: Reference Month 2	26
PP-MIS3	Person's Monthly Interview Status: Reference Month 3	27
PP-MIS4	Person's Monthly Interview Status: Reference Month 4	28
PP-MIS5	Person's Monthly Interview Status: Reference Month 5	29
RACE	Race - Edited And Imputed	52
ROTATION	Rotation Group	15
RRP	Relationship To Reference Person, Edited	47
SEX	Sex - Edited And Imputed	51
STATE	State Code, FIPS	16
SUSEQNUM	Sequence Number Of Sample Unit	1
TM8300	Age Of Respondent - Check Item T1	697
TM8302	Disabled Marked On ISS - Check Item T2	698
TM8304	Disabled Marked On CC - Check Item T3	699
TM8306	Work Limitations Caused By Health Or Condition	700
TM8308	Work Limitations Caused By Physical, Mental Or Other Health	701
TM8310	Work Limitation Began, Month In Which	702
TM8312	Work Limitation Began, Year In Which	704
TM8314	Work Limitation Began Before Working Age Or After Retirement	708
TM8316	Work Limitation Began When Employed	710
TM8318	Work Limitation Began, Month Worked Before	711
TM8320	Work Limitation Began, Year Worked Before	713
TM8322	Work Limitation Began, Last Time Worked Before	717
TM8324	Work Limitation Caused By What Health Condition	719
TM8326	Work Limitation Caused By Accident Or Injury	721
TM8328	Work Limitation Occurred Where	722
TM8330	Worked Marked On ISS - Check Item T4	723
TM8332	Work Prevented By Health Or Condition	724
TM8334	Work Disability Began In What Month	725
TM8336	Work Disability Began In What Year	727
TM8338	Work Disability Date Not Applicable	731

<u>Mnemonic</u>	<u>Item</u>	<u>Position</u>
TM8340	Work 35 Or More Hours Per Week During Reference Period	733
TM8342	Work Full Or Part Time	734
TM8344	Work Regularly, Occasionally, Or Irregularly	735
TM8346	Work Same As Before Work Limitation Began	736
TM8400	Grade Attended, Highest - Check Item T6	755
TM8402	School Attendance - Last Month Attended Elementary Or HS	756
TM8404	School Attendance - Last Year Attended Elementary Or HS	758
TM8406	School, When Last Attended	762
TM8408	High School Diploma, Receipt Of	763
TM8410	High School Diploma Received In Which Month	764
TM8412	High School Diploma Received In Which Year	766
TM8414	High School Attended, Type Of	770
TM8416	College Attendance at Least One Year - Check Item T7	772
TM8418	College Attendance Began In Which Month	773
TM8420	College Attendance Began In Which Year	775
TM8422	Degree Earned Beyond High School, Highest	779
TM8424	Degree Earned In Which Month	781
TM8426	Degree Earned In Which Year	783
TM8428	Degree Received In Which Field Of Study	787
TM8430	Degree Higher Than Bachelor's	789
TM8432	Bachelor's Degree Received In Which Month	790
TM8434	Bachelor's Degree Received In Which Year	792
TM8436	College Courses Taken In Which Field Of Study	796
TM8438	College Attendance, Last Month Of	798
TM8440	College Attendance, Last Year Of	800
TM8442	College Attendance, Last Date Of	804
TM8444	Age 65 year Or Over- Check Item T9	805
TM8446	Job Training Received	806
TM8448	Job Training Sponsored By Job Training Partnership Act	808
TM8450	Job Training Sponsored By Comprehensive Employment Training	809
TM8452	Job Training Sponsored By Work Incentive Program	810
TM8454	Job Training Sponsored By Trade Adjustment Assistance	811
TM8456	Job Training Sponsored By Veterans' Training Programs	812
TM8458	Job Training Sources Of Assistance	813
TM8460	Job Training Was Classroom Training - Job Skills	814
TM8462	Job Training Was Classroom Training - Basic Education	815
TM8464	Job Training Was On-The-Job Training	816
TM8466	Job Training Was Through Job Search Assistance	817
TM8468	Job Training Was Through Work Experience	818
TM8470	Job Training Was Through Other Source	819
TM8472	Job Training Apprenticeship Program	820
TM8474	Job Training at Business, Commercial, Or Vocational School	821
TM8476	Job Training at Junior Or Community College	822
TM8478	Job Training In 4-Year College Or Graduate School	823
TM8480	Job Training In High School Vocation Program	824
TM8482	Job Training Program at Work	825
TM8484	Job Training In Military	826
TM8486	Job Training Through Correspondence Course	827
TM8488	Job Training Received On Previous Job	828
TM8490	Job Training Through Sheltered Workshop	829
TM8492	Job Training Through Vocational Rehabilitation Centers	830
TM8494	Job Training Through Other Sources	831
TM8496	Job Training Used On Most Recent Job	832
TM8498	Job Training Started In Which Month	833

<u>Mnemonic</u>	<u>Item</u>	<u>Position</u>
TM8508	Job Training Paid For By Employer.....	845
TM8510	Job Training Paid For By Government.....	846
TM8512	Job Training Paid For By Someone Else.....	847
TM8600	Marital Status.....	865
TM8602	Marriages, Number Of.....	866
TM8604	Married In Which Month The First Time.....	867
TM8606	Married In Which Year The First Time.....	869
TM8608	Marriage Ended In Widowhood Or Divorce, First.....	873
TM8610	Marriage Ended In Widowhood Or Divorce In Which Month.....	874
TM8612	Marriage Ended In Widowhood Or Divorce In Which Year.....	876
TM8614	Marriage Ended In Widowhood - Check Item T11.....	880
TM8616	Marital Cohabitation Ended In Which Month.....	881
TM8618	Marital Cohabitation Ended In Which Year.....	883
TM8620	Married, Number Of Times.....	887
TM8622	Married In Which Month The Second Time.....	888
TM8624	Married In Which Year The Second Time.....	890
TM8626	Marriage End In Widowhood Or Divorce, Second.....	894
TM8628	Marriage Ended In Which Month, Second.....	895
TM8630	Marriage Ended In Which Year, Second.....	897
TM8632	Widowhood Marked - Check Item T13.....	901
TM8634	Marital Cohabitation Ended In Which Month, Second.....	902
TM8636	Marital Cohabitation Ended In Which Year, Second.....	904
TM8638	Wave 2 Interview Obtained for Spouse - Check Item T14.....	908
TM8640	Married In Which Month, Most Recently.....	909
TM8642	Married In Which Year, Most Recently.....	911
TM8644	Marital Status, Current - Check Item T15.....	915
TM8646	Marriage Ended In Which Month, Most Recent.....	916
TM8648	Marriage Ended In Which Year, Most Recent.....	918
TM8650	Widowed Marked - Check Item T16.....	922
TM8652	Marital Cohabitation Stopped In Which Month, Most Recent.....	923
TM8654	Marital Cohabitation Stopped In Which Year, Most Recent.....	925
TM8700	Moved In Which Month.....	933
TM8702	Moved In Which Year.....	935
TM8704	Previous Residence In Same State.....	939
TM8706	Previous Residence In Different State.....	940
TM8708	Previous Residence In Different Country.....	942
TM8709	Resided In Residence During What Period Of Time.....	944
TM8710	Resided In Previous Residence From What Month.....	946
TM8712	Resided In Previous Residence From What Year.....	948
TM8714	Resided In Previous Residence To What Month.....	952
TM8716	Resided In Previous Residence To What Year.....	954
TM8718	Resided In Another State Or Foreign Country.....	958
TM8720	Resided In Which State Or Foreign Country.....	959
TM8722	Resided In Another State Or Foreign Country From What Month.....	961
TM8724	Resided In Another State Or Foreign Country From What Year.....	963
TM8726	Resided In Another State Or Foreign Country To What Month.....	967
TM8728	Resided In Another State Or Foreign Country To What Year.....	969
TM8730	Born In Which State Or Foreign Country.....	973
TM8732	Born In Which Foreign Country - Check Item T19.....	975
TM8734	Naturalized Citizen Of United States.....	976
TM8736	Naturalized Citizens' Arrival Date In United States.....	977
TM8750	Age And Sex - Check Item T18.....	995
TM8752	Children Fathered, Number Of.....	996
TM8754	Children Born, Number Of.....	998

SIPP 1992 WAVE 2 TOPICAL MODULE

<u>Mnemonic</u>	<u>Item</u>	<u>Position</u>
TM8756	Age 65 Years Or Over	1000
TM8758	Children Currently Living In Household	1001
TM8760	Birth Month Of First Child	1002
TM8762	Birth Year Of First Child	1004
TM8764	Person Number Of First Child	1008
TM8766	Birth Month Of Second Child	1011
TM8768	Birth Year Of Second Child	1013
TM8770	Person Number Of Second Child	1017
TM8778	Children Ever Had - Check Item T21	1020
TM8780	Birth Month Of Last Child Currently Living In Household	1021
TM8782	Birth Year Of Last Child Currently Living In Household	1023
TM8784	Born On Or After January 1, 1960 - Check Item T22	1027
TM8786	Residence Of Last Child	1028
TM8788	Person Number Of Last Child - Check Item T23	1030
TM8792	Birth Month Of Second Child with 3+ Siblings	1033
TM8794	Birth Year Of Second Child with 3+ Siblings	1035
TM8796	Second Child Born On Or After Jan. 1, 1960 - Check Item T24	1039
TM8798	Residence Of Second Child with 3+ Siblings	1040
TM8800	Person Number Of Second Child with 3+ Siblings	1042
TM9266	Household Composition - Check Item T26	69
TM9272:98	Person Number A-N	70
TM9300:9716	Relationship In The Household	112
U-TM9266	Composition Of Household, Unedited	336
U-TM9268	Reference Person's Questionnaire	337
U-TM9272:98	Person Number A-N Unedited	338
U-TM9300:9716	Relationship In The Household - Unedited	380
WAVE	Wave Number Within Panel	65

HOW TO USE THE DATA DICTIONARY

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

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

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

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

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

The first line of each data item description begins with the character "D" (left-justified, two characters). The "D" flag indicates lines in the data dictionary containing the name, size, relative begin and begin position of each data item. This information (in machine-readable form) can be used to help access the data file. The line beginning with the character "U" describes the universe for that item. Lines containing categorical value codes and labels follow next and begin with the character "V". The special character (.) denotes the start of the value labels. Two examples of data item descriptions follow:

```
D SC1218  1 2805
  What was the main reason ... could
  not take a job during those weeks
U Persons 15 years old or older
V   0 .Not in universe
V   1 .Already had a job
V   2 .Temporary illness
V   3 .School
V   4 .Other

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


SIPP 1992 WAVE 2 TOPICAL MODULE 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
			31 .Nebraska
			32 .Nevada
			33 .New Hampshire
			34 .New Jersey
			35 .New Mexico
			36 .New York
			37 .North Carolina
			39 .Ohio
			40 .Oklahoma
			41 .Oregon
			42 .Pennsylvania
			44 .Rhode Island
			45 .South Carolina
			47 .Tennessee
			48 .Texas
			49 .Utah
			51 .Virginia
			53 .Washington
			54 .West Virginia
			55 .Wisconsin
			61 .Maine, Vermont
			62 .Iowa, North Dakota, South Dakota
			63 .Alaska, Idaho, Montana, Wyoming

DATA	SIZE	BEGIN	
D PINX	2	18	Person index from core
D ADDID	2	20	Address ID - This field differentiates households within the same PSU, segment and serial, that is, households which originate out of an original sample household
U All households			
D ITEM368	2	22	Control card item 368 - interview status code
U All households			
V			1 .Interviewed
V			.Type A noninterview
V			2 .No one home
V			3 .Temporarily absent
V			4 .Refused
V			5 .Unable to locate
V			6 .Other Type A
V			.Type B noninterview (Wave 1)
V			9 .Vacant
V			10 .Occupied by persons with URE
V			11 .Unfit or to be demolished
V			12 .Under construction, not ready
V			13 .Converted to temporary business .or storage
V			14 .Unoccupied site for mobile home, .trailer, or tent
V			15 .Permit granted, construction not .started
V			16 .Other Type B
V			.Type B noninterview (Wave 2+)
V			16 .Entire hh institutionalized .or temporarily ineligible
V			.Type C noninterview (Wave 1)
V			17 .Demolished
V			18 .House or trailer moved
V			19 .Converted to permanent business .or storage
V			20 .Merged
V			21 .Condemned
V			22 .Other Type C
V			.Type C noninterview (Wave 2+)
V			22 .Deleted (sample adjustment, .error)
V			23 .Entire household deceased, .moved out of country, or .living in armed forces barracks
V			.Type D noninterview (Wave 2+)
V			24 .Moved, address unknown
V			25 .Moved within country beyond .limit
V			26 .All sample persons relisted on .new control card(s)
D INTW	1	24	Person's interview status
U All persons, including children			
V			0 .Not applicable (children .under 15)
V			1 .Interview (self)
V			2 .Interview (proxy)
V			3 .Noninterview - Type 2 refusal
V			4 .Noninterview - Type 2 other

SIPP 1992 TOPICAL MODULE WAVE 2

DATA	SIZE	BEGIN	DATA	SIZE	BEGIN
D PP-MIS1	1	25	V	5	.Other relative of household
Person's Monthly Interview Status:			V		.reference person
Reference Month 1			V	6	.Non-relative of household
U All persons, including children			V		.reference person but related
V	1	.Interview	V		.to others in the household -
V	2	.Noninterview	V		.member of an unrelated
D PP-MIS2	1	26	V		.sub(secondary) family
Person's Monthly Interview Status:			V	7	.Non-relative of household
Reference Month 2			V		.reference person and not
U All persons, including children			V		.related to anyone else
V	1	.Interview	V		.in the household(secondary
V	2	.Noninterview	V		.individual)
D PP-MIS3	1	27	D AGE	3	48
Person's Monthly Interview Status:					Edited and imputed age as of last
Reference Month 3					birthday.
U All persons, including children			U All persons, including children		
V	1	.Interview	V	0	.Less than 1 full year
V	2	.Noninterview	V	1	.1 year
D PP-MIS4	1	28	V		.etc.
Person's Monthly Interview Status:			D SEX	1	51
Reference Month 4					Sex of this person
U All persons, including children					Edited and imputed
V	1	.Interview	U All persons, including children		
V	2	.Noninterview	V	1	.Male
D PP-MIS5	1	29	V	2	.Female
Person's Monthly Interview Status:			D RACE	1	52
Reference Month 5					Race of this person
U All persons, including children					Edited and imputed
V	1	.Interview	U All persons, including children		
V	2	.Noninterview	V	1	.White
D ENTRY	2	30	V	2	.Black
Edited entry address ID			V	3	.American Indian, Eskimo or Aleut
Address of the household that this			V	4	.Asian or Pacific Islander
person belonged to at the time this			D MS	1	53
person first became part of the sample					Marital status
U All persons, including children					If marital status changed during any
D PNUM	3	32			month, the marital status shown is the
Edited person number					status maintained for the greatest part
U All persons, including children					of the month - edited and imputed
D FINALWGT	12	35	U Persons 15 years old or older		
'STAGE1WT' * second stage factor.			V	0	.Not a sample person in this
U All persons, including children					.month
D RRP	1	47	V	1	.Married, spouse present
Edited relationship to reference person			V	2	.Married, spouse absent
U All persons, including children			V	3	.Widowed
V	0	.Not a sample person in this	V	4	.Divorced
V		.month	V	5	.Separated
V	1	.Household reference person,	V	6	.Never married
V		.living with relatives	D PNSP	3	54
V	2	.Household reference person			Person number of spouse
V		.living alone or with only	U Persons 15 years old or older		
V		.non-relatives (primary	V	000	.Not a sample person in this
V		.individual)	V		.month
V	3	.Spouse of household reference	V	999	.Not applicable
V		.person	D PNPT	3	57
V	4	.Child of household reference			Prson number of parent
V		.person	U Persons 15 years old or older		
			V	000	.Not a sample person in this
			V		.month
			V	999	.Not applicable

DATA DICTIONARY

DATA SIZE BEGIN
D HIGRADE 2 60
 What is the highest grade or year of
 regular school this person attended?
U Persons 15 years old or older
V 00 .Not applicable if under 15,
V .did not attend or attended only
V .kindergarten
V 01 - 08 .Elementary
V 09 - 12 .High school
V 21 - 26 .College

D GRD-CMPL 1 62
 Did he/she complete that grade
U Persons 15 years old or older
V 0 .Not applicable
V 1 .Yes
V 2 .No

DATA SIZE BEGIN
D ETHNICTY 2 63
 Ethnic origin
U All persons, including children
V 01 .German
V 02 .English
V 03 .Irish
V 04 .French
V 05 .Italian
V 06 .Scottish
V 07 .Polish
V 08 .Dutch
V 09 .Swedish
V 10 .Norwegian
V 11 .Russian
V 12 .Ukrainian
V 13 .Welsh
V 14 .Mexican-American
V 15 .Chicano
V 16 .Mexican
V 17 .Puerto Rican
V 18 .Cuban
V 19 .Central or South American
V .(Spanish speaking)
V 20 .Other Spanish
V 21 .Afro-American (Black or Negro)
V 30 .Another group not listed
V 39 .Don't know

D WAVE 1 65
 Wave number within Panel

DATA SIZE BEGIN

 * Part F: Household Relationship *
 * Edited Version *

D FILLER 3 66
 Blank or zero filler

D TM9266 1 69
 Check item T26
 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 70
 Person number for A
 U Reference persons living in other than one person household, two person household consisting of either husband and wife or non-relative

D TM9274 3 73
 Person number for B
 U Reference persons living in other than one person household, two person household consisting of either husband and wife or non-relative

D TM9276 3 76
 Person number for C
 U Reference persons living in other than one person household, two person household consisting of either husband and wife or non-relative

DATA SIZE BEGIN

D TM9278 3 79
 Person number for D
 U Reference persons living in other than one person household, two person household consisting of either husband and wife or non-relative

D TM9280 3 82
 Person number for E
 U Reference persons living in other than one person household, two person household consisting of either husband and wife or non-relative

D TM9282 3 85
 Person number for F
 U Reference persons living in other than one person household, two person household consisting of either husband and wife or non-relative

D TM9284 3 88
 Person number for G
 U Reference persons living in other than one person household, two person household consisting of either husband and wife or non-relative

D TM9286 3 91
 Person number for H
 U Reference persons living in other than one person household, two person household consisting of either husband and wife or non-relative

D TM9288 3 94
 Person number for I
 U Reference persons living in other than one person household, two person household consisting of either husband and wife or non-relative

D TM9290 3 97
 Person number for J
 U Reference persons living in other than one person household, two person household consisting of either husband and wife or non-relative

D TM9292 3 100
 Person number for K
 U Reference persons living in other than one person household, two person household consisting of either husband and wife or non-relative

D TM9294 3 103
 Person number for L
 U Reference persons living in other than one person household, two person household consisting of either husband and wife or non-relative

D TM9296 3 106
 Person number for M
 U Reference persons living in other than one person household, two person household consisting of either husband and wife or non-relative

DATA	SIZE	BEGIN
*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
		.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
		.Grandparents:
*V	40	.Grandfather
*V	41	.Grandmother
		.Grandchild:
*V	42	.Grandson
*V	43	.Granddaughter
		.Uncle/aunt:
*V	44	.Uncle
*V	45	.Aunt
		.Nephew/niece:
*V	46	.Nephew
*V	47	.Niece
		.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
		.Other relative:
*V	60	.Cousin,etc.
		.Nonrelative:
*V	70	.Not related
*V	88	.Member of column with no
		.responses
*V	98	.Not found
*V	99	.No response

D TM9362 2 123
Relationship in the household

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

D TM9364 2 125
Relationship in the household

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

D TM9390 3 127
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 either husband and wife or non-relative

V 000 .Not in universe

DATA	SIZE	BEGIN

*COMMENT		
*		The next fields (TM9392 thru TM9396)
*		are relationships in the household.
*		Relationship
		.Spouse:
*V	01	.Husband
*V	02	.Wife
		.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
		.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
		.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
		.Grandparents:
*V	40	.Grandfather
*V	41	.Grandmother
		.Grandchild:
*V	42	.Grandson
*V	43	.Granddaughter
		.Uncle/aunt:
*V	44	.Uncle
*V	45	.Aunt
		.Nephew/niece:
*V	46	.Nephew
*V	47	.Niece
		.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
		.Other relative:
*V	60	.Cousin,etc.
		.Nonrelative:
*V	70	.Not related
*V	88	.Member of column with no
		.responses
*V	98	.Not found
*V	99	.No response

SIPP 1992 TOPICAL MODULE WAVE 2

DATA SIZE BEGIN

D TM9392 2 130
 Relationship in the household
 U Reference persons living in other than one person household, two person household consisting of either husband and wife or non-relative

D TM9394 2 132
 Relationship in the household
 U Reference persons living in other than one person household, two person household consisting of either husband and wife or non-relative

D TM9396 2 134
 Relationship in the household
 U Reference persons living in other than one person household, two person household consisting of either husband and wife or non-relative

D TM9420 3 136
 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 either husband and wife or non-relative

V 000 .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 *
 *V 38 .Unknown sibling type *
 *V .Grandparents: *

DATA SIZE BEGIN

*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 2 139
 Relationship in the household
 U Reference persons living in other than one person household, two person household consisting of either husband and wife or non-relative

D TM9424 2 141
 Relationship in the household
 U Reference persons living in other than one person household, two person household consisting of either husband and wife or non-relative

D TM9426 2 143
 Relationship in the household
 U Reference persons living in other than one person household, two person household consisting of either husband and wife or non-relative

D TM9428 2 145
 Relationship in the household
 U Reference persons living in other than one person household, two person household consisting of either husband and wife or non-relative

D TM9450 3 147
 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 either husband and wife or non-relative

V 0 .Not in universe

```

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

```

```

D TM9452      2      150
Relationship in the household
U Reference persons living in other than one-
person household, two person household
consisting of either husband and wife or
non-relative

```

```

DATA      SIZE BEGIN
D TM9454      2      152
Relationship in the household
U Reference persons living in other than one
person household, two person household
consisting of either husband and wife or
non-relative
D TM9456      2      154
Relationship in the household
U Reference persons living in other than one
person household, two person household
consisting of either husband and wife or
non-relative
D TM9458      2      156
Relationship in the household
U Reference persons living in other than one
person household, two person household
consisting of either husband and wife or
non-relative
D TM9460      2      158
Relationship in the household
U Reference persons living in other than one
person household, two person household
consisting of either husband and wife or
non-relative
D TM9480      3      160
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 either husband and wife or
non-relative
V      000 .Not in universe

```

```

*****
*COMMENT *
*   The next fields (TM9482 thru TM9492) *
*   are relationships in the household. *
*V      .Spouse: *
*V      01 .Husband *
*V      02 .Wife *
*V      .Parent: *
*V      10 .Natural father(biological) *
*V      11 .Stepfather *
*V      12 .Adoptive father *
*V      13 .Foster father *
*V      14 .Natural mother *
*V      15 .Stepmother *
*V      16 .Adoptive mother *
*V      17 .Foster mother *
*V      18 .Unknown male parent type *
*V      19 .Unknown female parent type *
*V      .Child: *
*V      20 .Natural son *
*V      21 .Stepson *
*V      22 .Adopted son *
*V      23 .Foster son *
*V      24 .Natural daughter *
*V      25 .Stepdaughter *
*V      26 .Adopted daughter *
*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 *

```

SIPP 1982 TOPICAL MODULE WAVE 2

DATA	SIZE	BEGIN	
*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 2 163
 Relationship in the household
 U Reference persons living in other than one person household, two person household consisting of either husband and wife or non-relative

D TM9484 2 165
 Relationship in the household
 U Reference persons living in other than one person household, two person household consisting of either husband and wife or non-relative

D TM9486 2 167
 Relationship in the household
 U Reference persons living in other than one person household, two person household consisting of either husband and wife or non-relative

D TM9488 2 169
 Relationship in the household
 U Reference persons living in other than one person household, two person household consisting of either husband and wife or non-relative

D TM9490 2 171
 Relationship in the household
 U Reference persons living in other than one person household, two person household consisting of either husband and wife or non-relative

DATA	SIZE	BEGIN	
D TM9492	2	173	
			Relationship in the household
U			Reference persons living in other than one person household, two person household consisting of either husband and wife or non-relative
D TM9510	3	175	
			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 either husband and wife or non-relative
V	000		.Not in universe

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

DATA DICTIONARY

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

D TM9512 2 178
 Relationship in the household
 U Reference persons living in other than one person household, two person household consisting of either husband and wife or non-relative

D TM9514 2 180
 Relationship in the household
 U Reference persons living in other than one person household, two person household consisting of either husband and wife or non-relative

D TM9516 2 182
 Relationship in the household
 U Reference persons living in other than one person household, two person household consisting of either husband and wife or non-relative

D TM9518 2 184
 Relationship in the household
 U Reference persons living in other than one person household, two person household consisting of either husband and wife or non-relative

D TM9520 2 186
 Relationship in the household
 U Reference persons living in other than one person household, two person household consisting of either husband and wife or non-relative

D TM9522 2 188
 Relationship in the household
 U Reference persons living in other than one person household, two person household consisting of either husband and wife or non-relative

D TM9524 2 190
 Relationship in the household
 U Reference persons living in other than one person household, two person household consisting of either husband and wife or non-relative

D TM9540 3 192
 Person number in roster
 Valid person numbers are:
 101 - 124, 180 - 199,
 201 - 224, 280 - 299,
 301 - 324, 380 - 399,
 401 - 424, 480 - 499
 U Reference persons living in other than one person household, two person household

DATA	SIZE	BEGIN
		consisting of either husband and wife or non-relative
V	000	.Not in universe

 *COMMENT *
 * The next fields (TM9542 thru TM9556) *
 * are relationships in the household. *
 *V .Spouse: *
 *V 01 .Husband *
 *V 02 .Wife *
 *V .Parent: *
 *V 10 .Natural father(biological) *
 *V 11 .Stepfather *
 *V 12 .Adoptive father *
 *V 13 .Foster father *
 *V 14 .Natural mother *
 *V 15 .Stepmother *
 *V 16 .Adoptive mother *
 *V 17 .Foster mother *
 *V 18 .Unknown male parent type *
 *V 19 .Unknown female parent type *
 *V .Child: *
 *V 20 .Natural son *
 *V 21 .Stepson *
 *V 22 .Adopted son *
 *V 23 .Foster son *
 *V 24 .Natural daughter *
 *V 25 .Stepdaughter *
 *V 26 .Adopted daughter *
 *V 27 .Foster daughter *
 *V 28 .Unknown male child type *
 *V 29 .Unknown female child type *
 *V .Sibling: *
 *V 30 .Full brother *
 *V 31 .Half brother *
 *V 32 .Stepbrother *
 *V 33 .Adoptive brother *
 *V 34 .Full sister *
 *V 35 .Half sister *
 *V 36 .Stepsister *
 *V 37 .Adoptive sister *
 *V 38 .Unknown sibling type *
 *V .Grandparents: *
 *V 40 .Grandfather *
 *V 41 .Grandmother *
 *V .Grandchild: *
 *V 42 .Grandson *
 *V 43 .Granddaughter *
 *V .Uncle/aunt: *
 *V 44 .Uncle *
 *V 45 .Aunt *
 *V .Nephew/niece: *
 *V 46 .Nephew *
 *V 47 .Niece *
 *V .In-laws: *
 *V 50 .Father-in-law *
 *V 51 .Mother-in-law *
 *V 52 .Son-in-law *
 *V 53 .Daughter-in-law *
 *V 54 .Brother-in-law *
 *V 55 .Sister-in-law *
 *V .Other relative: *
 *V 60 .Cousin,etc. *
 *V .Nonrelative: *
 *V 70 .Not related *
 *V 88 .Member of column with no *
 *V .responses *
 *V 98 .Not found *
 *V 99 .No response *

SIPP 1992 TOPICAL MODULE WAVE 2

DATA SIZE BEGIN

D TM9542 2 195
 Relationship in the household
 U Reference persons living in other than one person household, two person household consisting of either husband and wife or non-relative

D TM9544 2 197
 Relationship in the household
 U Reference persons living in other than one person household, two person household consisting of either husband and wife or non-relative

D TM9546 2 199
 Relationship in the household
 U Reference persons living in other than one person household, two person household consisting of either husband and wife or non-relative

D TM9548 2 201
 Relationship in the household
 U Reference persons living in other than one person household, two person household consisting of either husband and wife or non-relative

D TM9550 2 203
 Relationship in the household
 U Reference persons living in other than one person household, two person household consisting of either husband and wife or non-relative

D TM9552 2 205
 Relationship in the household
 U Reference persons living in other than one person household, two person household consisting of either husband and wife or non-relative

D TM9554 2 207
 Relationship in the household
 U Reference persons living in other than one person household, two person household consisting of either husband and wife or non-relative

D TM9556 2 209
 Relationship in the household
 U Reference persons living in other than one person household, two person household consisting of either husband and wife or non-relative

D TM9570 3 211
 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 either husband and wife or non-relative

V 000 .Not in universe

DATA SIZE BEGIN

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

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

D TM9632 2 258
 Relationship in the household
 U Reference persons living in other than one
 person household, two person household
 consisting of either husband and wife or
 non-relative

D TM9634 2 260
 Relationship in the household
 U Reference persons living in other than one
 person household, two person household
 consisting of either husband and wife or
 non-relative

D TM9636 2 262
 Relationship in the household
 U Reference persons living in other than one
 person household, two person household
 consisting of either husband and wife or
 non-relative

D TM9638 2 264
 Relationship in the household
 U Reference persons living in other than one
 person household, two person household
 consisting of either husband and wife or
 non-relative

D TM9640 2 266
 Relationship in the household
 U Reference persons living in other than one
 person household, two person household
 consisting of either husband and wife or
 non-relative

D TM9642 2 268
 Relationship in the household
 U Reference persons living in other than one
 person household, two person household
 consisting of either husband and wife or
 non-relative

D TM9644 2 270
 Relationship in the household
 U Reference persons living in other than one
 person household, two person household
 consisting of either husband and wife or
 non-relative

D TM9646 2 272
 Relationship in the household
 U Reference persons living in other than one
 person household, two person household
 consisting of either husband and wife or
 non-relative

D TM9648 2 274
 Relationship in the household
 U Reference persons living in other than one
 person household, two person household
 consisting of either husband and wife or
 non-relative

DATA SIZE BEGIN
 D TM9650 2 276
 Relationship in the household
 U Reference persons living in other than one
 person household, two person household
 consisting of either husband and wife or
 non-relative

D TM9652 2 278
 Relationship in the household
 U Reference persons living in other than one
 person household, two person household
 consisting of either husband and wife or
 non-relative

D TM9660 3 280
 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 either husband and wife or
 non-relative

V 000 .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 *

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

D TM9662 2 283
 Relationship in the household
 U Reference persons living in other than one person household, two person household consisting of either husband and wife or non-relative

D TM9664 2 285
 Relationship in the household
 U Reference persons living in other than one person household, two person household consisting of either husband and wife or non-relative

D TM9666 2 287
 Relationship in the household
 U Reference persons living in other than one person household, two person household consisting of either husband and wife or non-relative

D TM9668 2 289
 Relationship in the household
 U Reference persons living in other than one person household, two person household consisting of either husband and wife or non-relative

D TM9670 2 291
 Relationship in the household
 U Reference persons living in other than one person household, two person household consisting of either husband and wife or non-relative

D TM9672 2 293
 Relationship in the household
 U Reference persons living in other than one person household, two person household consisting of either husband and wife or non-relative

D TM9674 2 295
 Relationship in the household
 U Reference persons living in other than one person household, two person household consisting of either husband and wife or non-relative

DATA	SIZE	BEGIN	
D TM9676	2	297	
		Relationship in the household	
U		Reference persons living in other than one person household, two person household consisting of either husband and wife or non-relative	
D TM9678	2	299	
		Relationship in the household	
U		Reference persons living in other than one person household, two person household consisting of either husband and wife or non-relative	
D TM9680	2	301	
		Relationship in the household	
U		Reference persons living in other than one person household, two person household consisting of either husband and wife or non-relative	
D TM9682	2	303	
		Relationship in the household	
U		Reference persons living in other than one person household, two person household consisting of either husband and wife or non-relative	
D TM9684	2	305	
		Relationship in the household	
U		Reference persons living in other than one person household, two person household consisting of either husband and wife or non-relative	
D TM9690	3	307	
		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 either husband and wife or non-relative	
V		000 .Not in universe	

*COMMENT *
 * The next fields (TM9692 thru TM9716) *
 * are relationships in the household. *
 *V .Spouse: *
 *V 01 .Husband *
 *V 02 .Wife *
 *V .Parent: *
 *V 10 .Natural father(biological) *
 *V 11 .Stepfather *
 *V 12 .Adoptive father *
 *V 13 .Foster father *
 *V 14 .Natural mother *
 *V 15 .Stepmother *
 *V 16 .Adoptive mother *
 *V 17 .Foster mother *
 *V 18 .Unknown male parent type *
 *V 19 .Unknown female parent type *
 *V .Child: *
 *V 20 .Natural son *
 *V 21 .Stepson *
 *V 22 .Adopted son *
 *V 23 .Foster son *
 *V 24 .Natural daughter *

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 TM9692 2 310
 Relationship in the household
 U Reference persons living in other than one person household, two person household consisting of either husband and wife or non-relative

D TM9694 2 312
 Relationship in the household
 U Reference persons living in other than one person household, two person household consisting of either husband and wife or non-relative

D TM9696 2 314
 Relationship in the household
 U Reference persons living in other than one person household, two person household consisting of either husband and wife or non-relative

D TM9698 2 316
 Relationship in the household
 U Reference persons living in other than one person household, two person household consisting of either husband and wife or non-relative

DATA	SIZE	BEGIN
D TM9700	2	318
		Relationship in the household
U		Reference persons living in other than one person household, two person household consisting of either husband and wife or non-relative
D TM9702	2	320
		Relationship in the household
U		Reference persons living in other than one person household, two person household consisting of either husband and wife or non-relative
D TM9704	2	322
		Relationship in the household
U		Reference persons living in other than one person household, two person household consisting of either husband and wife or non-relative
D TM9706	2	324
		Relationship in the household
U		Reference persons living in other than one person household, two person household consisting of either husband and wife or non-relative
D TM9708	2	326
		Relationship in the household
U		Reference persons living in other than one person household, two person household consisting of either husband and wife or non-relative
D TM9710	2	328
		Relationship in the household
U		Reference persons living in other than one person household, two person household consisting of either husband and wife or non-relative
D TM9712	2	330
		Relationship in the household
U		Reference persons living in other than one person household, two person household consisting of either husband and wife or non-relative
D TM9714	2	332
		Relationship in the household
U		Reference persons living in other than one person household, two person household consisting of either husband and wife or non-relative
D TM9716	2	334
		Relationship in the household
U		Reference persons living in other than one person household, two person household consisting of either husband and wife or non-relative

 * Part F: Household Relationships *
 * Unedited Version *

DATA	SIZE	BEGIN
D U-TM9300	3	380
Person listed 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 U-TM9330	3	383
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 U-TM9332	2	386
Relationship		
U	Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative	
V	.Spouse:	
V	01	.Husband
V	02	.Wife
V	.Parent:	
V	10	.Natural father(biological)
V	11	.Stepfather
V	12	.Adoptive father
V	13	.Foster father
V	14	.Natural mother
V	15	.Stepmother
V	16	.Adoptive mother
V	17	.Foster mother
V	18	.Unknown male parent type
V	19	.Unknown female parent type
V	.Child:	
V	20	.Natural son
V	21	.Stepson
V	22	.Adopted son
V	23	.Foster son
V	24	.Natural daughter
V	25	.Stepdaughter
V	26	.Adopted daughter
V	27	.Foster daughter
V	28	.Unknown male child type
V	29	.Unknown female child type
V	.Sibling:	
V	30	.Full brother
V	31	.Half brother
V	32	.Stepbrother
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

DATA	SIZE	BEGIN
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-TM9360	3	388
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-TM9362 thru U-TM9364)*		
* are relationships in the household.		
*V	.Spouse:	
*V	01	.Husband
*V	02	.Wife
*V	.Parent:	
*V	10	.Natural father(biological)
*V	11	.Stepfather
*V	12	.Adoptive father
*V	13	.Foster father
*V	14	.Natural mother
*V	15	.Stepmother
*V	16	.Adoptive mother
*V	17	.Foster mother
*V	18	.Unknown male parent type
*V	19	.Unknown female parent type
*V	.Child:	
*V	20	.Natural son
*V	21	.Stepson
*V	22	.Adopted son
*V	23	.Foster son
*V	24	.Natural daughter
*V	25	.Stepdaughter
*V	26	.Adopted daughter
*V	27	.Foster daughter
*V	28	.Unknown male child type
*V	29	.Unknown female child type
*V	.Sibling:	
*V	30	.Full brother
*V	31	.Half brother
*V	32	.Stepbrother
*V	33	.Adoptive brother
*V	34	.Full sister
*V	35	.Half sister
*V	36	.Stepsister
*V	37	.Adoptive sister
*V	38	.Unknown sibling type

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

D U-TM9362 2 391
 Relationship in the household
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D U-TM9364 2 393
 Relationship in the household
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D U-TM9390 3 395
 Person number in roster
 Valid person numbers are:
 101 - 124, 180 - 199,
 201 - 224, 280 - 299,
 301 - 324, 380 - 399,
 401 - 424, 480 - 499
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative
 V 000 .Not in universe

 *COMMENT *
 * The next fields(U-TM9392 thru U-TM9396)* *
 * are relationships in the household. *
 * Relationship *
 *V .Spouse: *
 *V 01 .Husband *
 *V 02 .Wife *
 *V .Parent: *
 *V 10 .Natural father(biological) *
 *V 11 .Stepfather *
 *V 12 .Adoptive father *
 *V 13 .Foster father *
 *V 14 .Natural mother *
 *V 15 .Stepmother *
 *V 16 .Adoptive mother *

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

D U-TM9392 2 398
 Relationship in the household
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D U-TM9394 2 400
 Relationship in the household
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D U-TM9396 2 402
 Relationship in the household
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

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

D U-TM9452 2 418
 Relationship in the household
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D U-TM9454 2 420
 Relationship in the household
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D U-TM9456 2 422
 Relationship in the household
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D U-TM9458 2 424
 Relationship in the household
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

DATA	SIZE	BEGIN
D U-TM9460	2	426
		Relationship in the household
U		Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative
D U-TM9480	3	428
		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

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

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

D U-TM9482 2 431
 Relationship in the household
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D U-TM9484 2 433
 Relationship in the household
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D U-TM9486 2 435
 Relationship in the household
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D U-TM9488 2 437
 Relationship in the household
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D U-TM9490 2 439
 Relationship in the household
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D U-TM9492 2 441
 Relationship in the household
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D U-TM9510 3 443
 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

DATA	SIZE	BEGIN

*COMMENT		*
* The next fields(U-TM9512 thru U-TM9524)*		
* are relationships in the household. *		
*V		.Spouse: *
*V	01	.Husband *
*V	02	.Wife *
*V		.Parent: *
*V	10	.Natural father(biological) *
*V	11	.Stepfather *
*V	12	.Adoptive father *
*V	13	.Foster father *
*V	14	.Natural mother *
*V	15	.Stepmother *
*V	16	.Adoptive mother *
*V	17	.Foster mother *
*V	18	.Unknown male parent type *
*V	19	.Unknown female parent type *
*V		.Child: *
*V	20	.Natural son *
*V	21	.Stepson *
*V	22	.Adopted son *
*V	23	.Foster son *
*V	24	.Natural daughter *
*V	25	.Stepdaughter *
*V	26	.Adopted daughter *
*V	27	.Foster daughter *
*V	28	.Unknown male child type *
*V	29	.Unknown female child type *
*V		.Sibling: *
*V	30	.Full brother *
*V	31	.Half brother *
*V	32	.Stepbrother *
*V	33	.Adoptive brother *
*V	34	.Full sister *
*V	35	.Half sister *
*V	36	.Stepsister *
*V	37	.Adoptive sister *
*V	38	.Unknown sibling type *
*V		.Grandparents: *
*V	40	.Grandfather *
*V	41	.Grandmother *
*V		.Grandchild: *
*V	42	.Grandson *
*V	43	.Granddaughter *
*V		.Uncle/aunt: *
*V	44	.Uncle *
*V	45	.Aunt *
*V		.Nephew/niece: *
*V	46	.Nephew *
*V	47	.Niece *
*V		.In-laws: *
*V	50	.Father-in-law *
*V	51	.Mother-in-law *
*V	52	.Son-in-law *
*V	53	.Daughter-in-law *
*V	54	.Brother-in-law *
*V	55	.Sister-in-law *
*V		.Other relative: *
*V	60	.Cousin,etc. *
*V		.Nonrelative: *
*V	70	.Not related *
*V	88	.Member of column with no *
*V		.responses *
*V	98	.Not found *
*V	99	.No response *

SIPP 1982 TOPICAL MODULE WAVE 2

DATA SIZE BEGIN

D U-TM9636 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-TM9638 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-TM9640 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-TM9642 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-TM9644 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-TM9646 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-TM9648 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-TM9650 2 544
 Relationship in the household
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D U-TM9652 2 546
 Relationship in the household
 U Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative

D U-TM9660 3 548
 Person number in roster
 Valid person numbers are:
 101 - 124, 180 - 199,
 201 - 224, 280 - 299,
 301 - 324, 380 - 399,
 401 - 424, 480 - 499
 U Reference persons living in other than one person household, two person household

DATA SIZE BEGIN

consisting of husband and wife or two person household consisting of non-relative
 V 000 .Not in universe

 *COMMENT
 * Then next fields(U-TM9662 thru U-TM9684)*
 * are relationships in the household. *

*V .Spouse: *

*V 01 .Husband *

*V 02 .Wife *

*V .Parent: *

*V 10 .Natural father(biological) *

*V 11 .Stepfather *

*V 12 .Adoptive father *

*V 13 .Foster father *

*V 14 .Natural mother *

*V 15 .Stepmother *

*V 16 .Adoptive mother *

*V 17 .Foster mother *

*V 18 .Unknown male parent type *

*V 19 .Unknown female parent type *

*V .Child: *

*V 20 .Natural son *

*V 21 .Stepson *

*V 22 .Adopted son *

*V 23 .Foster son *

*V 24 .Natural daughter *

*V 25 .Stepdaughter *

*V 26 .Adopted daughter *

*V 27 .Foster daughter *

*V 28 .Unknown male child type *

*V 29 .Unknown female child type *

*V .Sibling: *

*V 30 .Full brother *

*V 31 .Half brother *

*V 32 .Stepbrother *

*V 33 .Adoptive brother *

*V 34 .Full sister *

*V 35 .Half sister *

*V 36 .Stepsister *

*V 37 .Adoptive sister *

*V 38 .Unknown sibling type *

*V .Grandparents: *

*V 40 .Grandfather *

*V 41 .Grandmother *

*V .Grandchild: *

*V 42 .Grandson *

*V 43 .Granddaughter *

*V .Uncle/aunt: *

*V 44 .Uncle *

*V 45 .Aunt *

*V .Nephew/niece: *

*V 46 .Nephew *

*V 47 .Niece *

*V .In-laws: *

*V 50 .Father-in-law *

*V 51 .Mother-in-law *

*V 52 .Son-in-law *

*V 53 .Daughter-in-law *

*V 54 .Brother-in-law *

*V 55 .Sister-in-law *

*V .Other relative: *

*V 60 .Cousin, etc. *

*V .Nonrelative: *

*V 70 .Not related *

*V 88 .Member of column with no *

*V .responses *

*V 98 .Not found *

*V 99 .No response *

SIPP 1992 TOPICAL MODULE WAVE 2

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

D U-TM9692	2	578
		Relationship in the household
U		Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative
D U-TM9694	2	580
		Relationship in the household
U		Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative
D U-TM9696	2	582
		Relationship in the household
U		Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative
D U-TM9698	2	584
		Relationship in the household
U		Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative
D U-TM9700	2	586
		Relationship in the household
U		Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative
D U-TM9702	2	588
		Relationship in the household
U		Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative
D U-TM9704	2	590
		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-TM9706	2	592
		Relationship in the household
U		Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative
D U-TM9708	2	594
		Relationship in the household
U		Reference persons living in other than one person household, two person household consisting of husband and wife or two person household consisting of non-relative
D U-TM9710	2	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-TM9712	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
D U-TM9714	2	600
		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	602
		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	604
		Imputation flag for TM9332.
D ALTM9362	1	605
		Imputation flag for TM9362
D ALTM9392	1	606
		Imputation flag for TM9392.
D ALTM9422	1	607
		Imputation flag for TM9422.
D ALTM9452	1	608
		Imputation flag for TM9452
D ALTM9482	1	609
		Imputation flag for TM9482.
D ALTM9512	1	610
		Imputation flag for TM9512.
D ALTM9542	1	611
		Imputation flag for TM9542.

DATA DICTIONARY

DATA	SIZE	BEGIN
D ALTM9572	1	612
Imputation flag for TM9572.		
D ALTM9602	1	613
Imputation flag for TM9602.		
D ALTM9632	1	614
Imputation flag for TM9632.		
D ALTM9662	1	615
Imputation flag for TM9662.		
D ALTM9692	1	616
Imputation flag for TM9692.		
D ALTM9364	1	617
Imputation flag for TM9364.		
D ALTM9394	1	618
Imputation flag for TM9394.		
D ALTM9424	1	619
Imputation flag for TM9424.		
D ALTM9454	1	620
Imputation flag for TM9454.		
D ALTM9484	1	621
Imputation flag for TM9484.		
D ALTM9514	1	622
Imputation flag for TM9514.		
D ALTM9544	1	623
Imputation flag for TM9544.		
D ALTM9574	1	624
Imputation flag for TM9574.		
D ALTM9604	1	625
Imputation flag for TM9604.		
D ALTM9634	1	626
Imputation flag for TM9634.		
D ALTM9664	1	627
Imputation flag for TM9664.		
D ALTM9694	1	628
Imputation flag for TM9694.		
D ALTM9396	1	629
Imputation flag for TM9396.		
D ALTM9426	1	630
Imputation flag for TM9426.		
D ALTM9456	1	631
Imputation flag for TM9456.		
D ALTM9486	1	632
Imputation flag for TM9486.		
D ALTM9516	1	633
Imputation flag for TM9516.		
D ALTM9546	1	634
Imputation flag for TM9546.		
D ALTM9576	1	635
Imputation flag for TM9576.		

DATA	SIZE	BEGIN
D ALTM9606	1	636
Imputation flag for TM9606.		
D ALTM9636	1	637
Imputation flag for TM9636.		
D ALTM9666	1	638
Imputation flag for TM9666.		
D ALTM9696	1	639
Imputation flag for TM9696.		
D ALTM9428	1	640
Imputation flag for TM9428.		
D ALTM9458	1	641
Imputation flag for TM9458.		
D ALTM9488	1	642
Imputation flag for TM9488.		
D ALTM9518	1	643
Imputation flag for TM9518.		
D ALTM9548	1	644
Imputation flag for TM9548.		
D ALTM9578	1	645
Imputation flag for TM9578.		
D ALTM9608	1	646
Imputation flag for TM9608.		
D ALTM9638	1	647
Imputation flag for TM9638.		
D ALTM9668	1	648
Imputation flag for TM9668.		
D ALTM9698	1	649
Imputation flag for TM9698.		
D ALTM9460	1	650
Imputation flag for TM9460.		
D ALTM9490	1	651
Imputation flag for TM9490.		
D ALTM9520	1	652
Imputation flag for TM9520.		
D ALTM9550	1	653
Imputation flag for TM9550.		
D ALTM9580	1	654
Imputation flag for TM9580.		
D ALTM9610	1	655
Imputation flag for TM9610.		
D ALTM9640	1	656
Imputation flag for TM9640.		
D ALTM9670	1	657
Imputation flag for TM9670.		
D ALTM9700	1	658
Imputation flag for TM9700.		
D ALTM9492	1	659
Imputation flag for TM9492.		

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DATA	SIZE	BEGIN
D ALTM9522	1	660
Imputation flag for TM9522.		
D ALTM9552	1	661
Imputation flag for TM9552.		
D ALTM9582	1	662
Imputation flag for TM9582.		
D ALTM9612	1	663
Imputation flag for TM9612.		
D ALTM9642	1	664
Imputation flag for TM9642.		
D ALTM9672	1	665
Imputation flag for TM9672.		
D ALTM9702	1	666
Imputation flag for TM9702.		
D ALTM9524	1	667
Imputation flag for TM9524.		
D ALTM9554	1	668
Imputation flag for TM9554.		
D ALTM9584	1	669
Imputation flag for TM9584.		
D ALTM9614	1	670
Imputation flag for TM9614.		
D ALTM9644	1	671
Imputation flag for TM9644.		
D ALTM9674	1	672
Imputation flag for TM9674.		
D ALTM9704	1	673
Imputation flag for TM9704.		
D ALTM9556	1	674
Imputation flag for TM9556.		
D ALTM9586	1	675
Imputation flag for TM9586.		
D ALTM9616	1	676
Imputation flag for TM9616.		
D ALTM9646	1	677
Imputation flag for TM9646.		
D ALTM9676	1	678
Imputation flag for TM9676.		
D ALTM9706	1	679
Imputation flag for TM9706.		
D ALTM9588	1	680
Imputation flag for TM9588.		
D ALTM9618	1	681
Imputation flag for TM9618.		
D ALTM9648	1	682
Imputation flag for TM9648.		
D ALTM9678	1	683
Imputation flag for TM9678.		

DATA	SIZE	BEGIN
D ALTM9708	1	684
Imputation flag for TM9708.		
D ALTM9620	1	685
Imputation flag for TM9620.		
D ALTM9650	1	686
Imputation flag for TM9650.		
D ALTM9680	1	687
Imputation flag for TM9680.		
D ALTM9710	1	688
Imputation flag for TM9710.		
D ALTM9652	1	689
Imputation flag for TM9652.		
D ALTM9682	1	690
Imputation flag for TM9682.		
D ALTM9712	1	691
Imputation flag for TM9712.		
D ALTM9684	1	692
Imputation flag for TM9684.		
D ALTM9714	1	693
Imputation flag for TM9714.		
D ALTM9716	1	694
Imputation flag for TM9716.		
D FILLER	2	695
Zero or blank filler		

* Part A: Work Disability History *		

D TM8300	1	697
Check item T1		
What is ...'s age		
U	All persons	
V	0	.Not applicable
V	1	.15 years - skip to TM8400
V	2	.16 to 67 years
V	3	.68 years or over - skip to
V		.TM8400

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

D TM8302	1	698
Check item T2		
Is disabled (code 171) marked on the		
ISS for ...		
U	All persons 16 to 67 years of age	
V	0	.Not applicable
V	1	.Yes - skip To TM8306
V	2	.No
D TM8304	1	699
Check item T3		
Is disabled (code 171) marked on the		
control card for ...		
U	All persons 16 to 67 years of age without	
disabled marked on the ISS		
V	0	.Not applicable
V	1	.Yes
V	2	.No - skip To TM8308

DATA SIZE BEGIN

D TM8306 1 700
 We have recorded that ...'s health or condition limits kind or amount of work ... can do. Is that correct?
 U All persons 16 to 67 years of age with disabled marked on control card
 V 0 .Not applicable
 V 1 .Yes - skip To TM8310
 V 2 .No - skip To TM8400

D TM8308 1 701
 Physical, mental or other health condition limits kind or amount of work ... can do
 U All persons 16 to 67 years of age without disabled marked on control card
 V 0 .Not applicable
 V 1 .Yes - Mark '171' on ISS
 V 2 .No - skip To TM8400

D TM8310 2 702
 When did ... become limited in the kind or amount of work that ... can do at a job - month
 U All persons 16 to 67 years of age who are limited to kind or amount of work
 V -1 .Don't know
 V 00 .Not applicable
 V 01 - 12 .Month

D TM8312 4 704
 When did ... become limited in the kind or amount of work that ... could do at a job - year
 U All persons 16 to 67 years of age who are limited to kind or amount of work
 V -001 .Don't know
 V 0000 .Not applicable
 V 1900-1992 .Year

D TM8314 2 708
 When did ... become limited in the kind or amount of work that ... can do at a job
 U All persons 16 to 67 years of age who are limited to kind or amount of work
 V -5 .Person became limited after retiring - skip To TM8400
 V -3 .Person was limited before person became of working age - skip to TM8324
 V 00 .Not applicable

D TM8316 1 710
 Was ... employed at the time ...'s work limitation began
 U All persons 16 to 67 years of age who are limited to kind or amount of work
 V 0 .Not applicable
 V 1 .Yes - skip To TM8324
 V 2 .No

D TM8318 2 711
 When was the last time ... worked before ...'s work limitation began - month
 U All persons 16 to 67 years of age not employed at time work limitation began
 V -1 .Don't know
 V 00 .Not applicable
 V 01 - 12 .Month

DATA SIZE BEGIN

D TM8320 4 713
 When was the last time ... worked before ...'s work limitation began - year
 U All persons 16 to 67 years of age not employed at time work limitation began
 V -001 .Don't know
 V 0000 .Not applicable
 V 1900-1992 .Year

D TM8322 2 717
 When was the last time ... worked before ...'s work limitation began - year
 U All persons 16 to 67 years of age not employed at time work limitation began
 V -3 .Had never been employed before work limitation began
 V 00 .Not applicable

D TM8324 2 719
 What health condition is the main reason for ...'s work limitation
 U All persons 16 to 67 years of age not employed at time work limitation began
 V 00 .Not applicable
 V 01 .Arthritis or rheumatism
 V 02 .Autism
 V 03 .Back or spine problems
 V .(including chronic stiffness or deformity of the back or spine)
 V 04 .Blindness or vision problems
 V .(difficulty seeing well enough to read a newspaper, even with glasses on)
 V 05 .Cancer
 V 06 .Cerebral Palsy
 V 07 .Deafness or serious trouble hearing
 V 08 .Diabetes
 V 09 .Epilepsy
 V 10 .Head or spinal cord injury
 V 11 .Heart trouble (including heart attack (coronary), hardening of the arteries (arteriosclerosis))
 V 12 .Hernia or rupture
 V 13 .High blood pressure (hypertension)
 V 14 .Kidney stones or chronic kidney trouble
 V 15 .Lung or respiratory trouble
 V .(asthma, bronchitis, emphysema, respiratory allergies, tuberculosis or other lung trouble)
 V 16 .Mental illness
 V 17 .Mental retardation
 V 18 .Missing legs, feet, arms, hands, or fingers
 V 19 .Nervous or emotional problems, or alcohol or drug problems
 V 20 .Paralysis of any kind
 V 21 .Senility (Alzheimer's disease)
 V 22 .Stiffness or deformity of the foot, leg, arm, or hand
 V 23 .Stomach trouble (including ulcers, gallbladder or liver conditions)
 V 24 .Stroke
 V 25 .Thyroid trouble or goiter
 V 26 .Tumor, cyst or growth
 V 27 .Other

SIPP 1992 TOPICAL MODULE WAVE 2

DATA SIZE BEGIN

D TM8326 1 721
 Was this condition caused by an
 accident or injury

U All persons 16 to 67 years of age with
 work limitation

V 0 .Not applicable
 V 1 .Yes
 V 2 .No - skip To TM8330

D TM8328 1 722
 Where did the accident or injury take
 place - was it -

U All persons 16 to 67 years of age with
 work limitation caused by accident or
 injury

V 0 .Not applicable
 V 1 .On the job?
 V 2 .During service in the Armed
 V .Forces?
 V 3 .In the home?
 V 4 .Somewhere else?

D TM8330 1 723
 Check item T4
 Is 'worked' (code 170) marked on the
 ISS

U All persons 16 to 67 years of age with
 work limitation caused by accident or
 injury

V 0 .Not applicable
 V 1 .Yes - skip to TM8340
 V 2 .No

D TM8332 1 724
 Does ...'s health or condition prevent
 ... from working at a job or business?

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

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

D TM8334 2 725
 When did ... become unable to work at a
 job - month?

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

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

D TM8336 4 727
 When did ... become unable to work at a
 job?

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

V -001 .Don't know - skip to TM8400
 V 0000 .Not applicable
 V 1900-1992 .Year - skip to TM8400

D TM8338 2 731
 When did ... become unable to work at a
 job?

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

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

DATA SIZE BEGIN

D TM8340 1 733
 Check item T5
 Did ... usually work 35 or more hours per
 week during the reference period?

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

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

D TM8342 1 734
 Is ... now able to work at a full-time
 job or is ... only able to work
 part-time?

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

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

D TM8344 1 735
 Is ... not able to work regularly or is
 ... only able to work occasionally or
 irregularly?

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

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

D TM8346 1 736
 Is ... now able to do the same kind of
 work ... did before ...'s work limitation
 began?

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

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

D IMP8306 1 737
 Topical module imputation flag #1
 Imputation for 'TM8306'

V 0 .Not imputed
 V 1 .Imputed

D IMP8308 1 738
 Topical module imputation flag #2
 Imputation for 'TM8308'

V 0 .Not imputed
 V 1 .Imputed

D IMP8310 1 739
 Topical module imputation flag #3
 Imputation for 'TM8310'

V 0 .Not imputed
 V 1 .Imputed

DATA DICTIONARY

DATA	SIZE	BEGIN
D IMP12-14	1	740
Topical module imputation flag #4		
Imputation for 'TM8312 - TM8314'		
V	0	.Not imputed
V	1	.Imputed
D IMP8316	1	741
Topical module imputation flag #5		
Imputation for 'TM8316'		
D IMP8318	1	742
Topical module imputation flag #6		
Imputation for 'TM8318'		
V	0	.Not imputed
V	1	.Imputed
D IMP20-22	1	743
Topical module imputation flag #7		
Imputation for 'TM8320 - TM8322'		
V	0	.Not imputed
V	1	.Imputed
D IMP8324	1	744
Topical module imputation flag #8		
Imputation for 'TM8324'		
V	0	.Not imputed
V	1	.Imputed
D IMP8326	1	745
Topical module imputation flag #9		
Imputation for 'TM8326'		
V	0	.Not imputed
V	1	.Imputed
D IMP8328	1	746
Topical module imputation flag #10		
Imputation for 'TM8328'		
V	0	.Not imputed
V	1	.Imputed
D IMP8332	1	747
Topical module imputation flag #11		
Imputation for 'TM8332'		
V	0	.Not imputed
V	1	.Imputed
D IMP8334	1	748
Topical module imputation flag #12A		
Imputation for 'TM8334'		
V	0	.Not imputed
V	1	.Imputed
D IMP34-38	1	749
Topical module imputation flag #12		
Imputation for 'TM8334 - TM8338'		
V	0	.Not imputed
V	1	.Imputed
D IMP8342	1	750
Topical module imputation flag #13		
Imputation for 'TM8342'		
V	0	.Not imputed
V	1	.Imputed
D IMP8344	1	751
Topical module imputation flag #14		
Imputation for 'TM8344'		
V	0	.Not imputed
V	1	.Imputed

DATA	SIZE	BEGIN
D IMP8346	1	752
Topical module imputation flag #15		
Imputation for 'TM8346'		
V	0	.Not imputed
V	1	.Imputed
D FILLER	2	753
Zero or blank filler		

* Part B: Education and Training History *		

* Now I would like to ask you a few *		
* questions about ...'s education and any *		
* work training ... may have received *		

D TM8400	1	755
Check item T6		
Was ...'s highest grade attended grade		
12 or less?		
U All persons		
V	0	.Not applicable
V	1	.Yes
V	2	.No - skip to TM8410
D TM8402	2	756
When did ... last attend elementary or		
high school?		
U All persons with highest grade attended		
grade 12 or less		
V	-1	.Don't know
V	00	.Not applicable
V	01 - 12	.Month
D TM8404	4	758
When did ... last attend elementary or		
high school?		
U All persons with highest grade attended		
grade 12 or less		
V	-001	.Don't know
V	0000	.Not applicable
V	1890-1992	.Year
D TM8406	1	762
When did ... last attend elementary or		
high school?		
U All persons with highest grade attended		
grade 12 or less		
V	0	.Not applicable
V	1	.Currently attending - skip to
V		.TM8550
V	2	.Never attended
D TM8408	1	763
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	764
When did ... receive a high school		
diploma?		
U All persons who received high school diploma		
V	00	.Not applicable
V	01 - 12	.Month

SIPP 1982 TOPICAL MODULE WAVE 2

DATA SIZE BEGIN

D TM8412 4 766
 When did ... receive a high school diploma?

U All persons who received high school diploma

V -001 .Don't know
 V 0000 .Not applicable
 V 1890-1992 .Year

D TM8414 2 770
 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 -1 .Don't know
 V 00 .Not applicable
 V 01 .Public
 V 02 .Private, church-related
 V 03 .Private, not church-related
 V 04 .Did not attend high school

D TM8416 1 772
 Check item T7
 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 2 773
 When did ... first attend college or a university?

U All persons who attended at least one year of college

V -1 .Don't know
 V 00 .Not applicable
 V 01 - 12 .Month

D TM8420 4 775
 When did ... first attend college or a university?

U All persons who attended at least one year of college

V -001 .Don't know
 V 0000 .Not applicable
 V 1890-1992 .Year

D TM8422 2 779
 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 -1 .Don't know - skip to TM8436
 V 00 .Not applicable
 V 01 .Ph.D. or equivalent
 V 02 .Professional degree such as .dentistry, medicine, law or .theology
 V 03 .Master's degree
 V 04 .Bachelor's degree
 V 05 .Associate degree
 V 06 .Vocational certificate or .diploma
 V 07 .Has not earned a degree - skip .to TM8436
 V

DATA SIZE BEGIN

D TM8424 2 781
 When did ... receive that degree?

U All persons who earned college degree

V -1 .Don't know
 V 00 .Not applicable
 V 01 - 12 .Month

D TM8426 4 783
 When did ... receive that degree?

U All persons who earned college degree

V -001 .Don't know
 V 0000 .Not applicable
 V 1890-1992 .Year

D TM8428 2 787
 In what field of study did ... receive that degree?

U All persons who earned college degree

V -1 .Don't know
 V 00 .Not applicable
 V 01 .Agriculture or forestry
 V 02 .Biology
 V 03 .Business or management
 V 04 .Economics
 V 05 .Education
 V 06 .Engineering (including .computers and computing)
 V 07 .English or journalism
 V 08 .Home economics
 V 09 .Law
 V 10 .Liberal arts or humanities .(including arts, architecture, .music, languages, philosophy, .etc.)
 V 11 .Mathematics or statistics
 V 12 .Medicine or dentistry
 V 13 .Nursing, pharmacy, or health .technologies
 V 14 .Physical or earth sciences
 V 15 .Police science or law .enforcement
 V 16 .Psychology
 V 17 .Religion or theology
 V 18 .Social sciences (history, .sociology, political science, .etc.)
 V 19 .Vocational or technical studies
 V 20 .Other

D TM8430 1 789
 Check item T8
 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 2 790
 When did ... receive his/her Bachelor's degree?

U All persons who received Bachelor's degree

V -1 .Don't know
 V 00 .Not applicable
 V 01 - 12 .Month

DATA DICTIONARY

DATA SIZE BEGIN

D TM8434 4 792
When did ... receive his/her Bachelor's degree?

U All persons who received Bachelor's degree

V -001 .Don't know
V 0000 .Not applicable
V 1890-1992 .Year

D TM8436 2 796
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 -1 .Don't know
V 00 .Not applicable
V 01 - 20 .Field of study - see TM8428

D TM8438 2 798
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 -1 .Don't know
V 00 .Not applicable
V 01 - 12 .Month

D TM8440 4 800
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 -001 .Don't know
V 0000 .Not applicable
V 1890-1992 .Year

D TM8442 1 804
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 1 805
Check item T9
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 2 806
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 -1 .Don't know - skip to TM8550
V 00 .Not applicable
V 01 .Yes
V 02 .No - skip to TM8550

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

D TM8448 1 808
Job Training Partnership Act (JTPA) or Comprehensive Employment Training Act (CETA)

DATA SIZE BEGIN

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

V 0 .Not applicable
V 1 .Job Training Partnership Act (JTPA) or Comprehensive Employment Training Act (CETA)

D TM8450 1 809
Job Opportunities and Basic Skills (JOBS) or 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 .Job Opportunities and Basic Skills (JOBS) or Work Incentive Program (WIN)

D TM8452 1 810
Food Stamps Work Program

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

V 0 .Not applicable
V 1 .Food Stamps Work Program

D TM8454 1 811
Other program sponsored by the Welfare Program or AFDC

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 program sponsored by the Welfare Program or AFDC

D TM8456 1 812
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 1 813
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

D TM8460 1 814
What type of training program is (was) this?

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

V 0 .Not applicable
V 1 .Classroom training - job skills

D TM8462 1 815
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 education

SIPP 1992 TOPICAL MODULE WAVE 2

DATA	SIZE	BEGIN	DATA	SIZE	BEGIN
D TM8464	1	816	D TM8480	1	824
What type of training program is (was) this?			Where did ... receive this 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			U Persons under 65 years of age who received training sponsored by specific government programs		
V 0 .Not applicable			V 0 .Not applicable		
V 1 .On-the-job training			V 1 .High school vocational program		
D TM8466	1	817	D TM8482	1	825
What type of training program is (was) this?			Where did ... receive this 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			U Persons under 65 years of age who received training sponsored by specific government programs		
V 0 .Not applicable			V 0 .Not applicable		
V 1 .Job search assistance			V 1 .Training program at work		
D TM8468	1	818	D TM8484	1	826
What type of training program is (was) this?			Where did ... receive this 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			U Persons under 65 years of age who received training sponsored by specific government programs		
V 0 .Not applicable			V 0 .Not applicable		
V 1 .Work experience			V 1 .Military (exclude basic .training)		
D TM8470	1	819	D TM8486	1	827
What type of training program is (was) this?			Where did ... receive this 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			U Persons under 65 years of age who received training sponsored by specific government programs		
V 0 .Not applicable			V 0 .Not applicable		
V 1 .Other			V 1 .Correspondence course		
D TM8472	1	820	D TM8488	1	828
Where did ... receive this training?			Where did ... receive this training?		
U Persons under 65 years of age who received training sponsored by specific government programs			U Persons under 65 years of age who received training sponsored by specific government programs		
V 0 .Not applicable			V 0 .Not applicable		
V 1 .Apprenticeship program			V 1 .Training or experience .received on previous job		
D TM8474	1	821	D TM8490	1	829
Where did ... receive this training?			Where did ... receive this training?		
U Persons under 65 years of age who received training sponsored by specific government programs			U Persons under 65 years of age who received training sponsored by specific government programs		
V 0 .Not applicable			V 0 .Not applicable		
V 1 .Business, commercial, or .vocational school			V 1 .Sheltered workshop		
D TM8476	1	822	D TM8492	1	830
Where did ... receive this training?			Where did ... receive this training?		
U Persons under 65 years of age who received training sponsored by specific government programs			U Persons under 65 years of age who received training sponsored by specific government programs		
V 0 .Not applicable			V 0 .Not applicable		
V 1 .Junior or community college			V 1 .Vocational rehabilitation .centers		
D TM8478	1	823	D TM8494	1	831
Where did ... receive this training?			Where did ... receive this training?		
U Persons under 65 years of age who received training sponsored by specific government programs			U Persons under 65 years of age who received training sponsored by specific government programs		
V 0 .Not applicable			V 0 .Not applicable		
V 1 .Program completed at a 4 year .college or graduate school			V 1 .Other		

DATA SIZE BEGIN

D TM8496 1 832
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 2 833
When did ... start this (most recent) training?

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

V -1 .Don't know
V 00 .Not applicable
V 01 - 12 .Month

D TM8500 4 835
When did ... start this (most recent) training?

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

V -001 .Don't know
V 0000 .Not applicable
V 1890-1992 .Year

D TM8502 3 839
For how many weeks did ... attend this (most recent) training program?

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

V 000 .Not applicable
V 001 - 999 .Weeks

D TM8504 2 842
For how many weeks did ... attend this (most recent) training program?

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

V -4 .Less than 1 week
V -3 .Currently attending
V 00 .Not applicable

D TM8506 1 844
Who paid for this (most recent) program?

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

V 0 .Not applicable
V 1 .Self or family

D TM8508 1 845
Who paid for this (most recent) program?

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

V 0 .Not applicable
V 1 .Employer

D TM8510 1 846
Who paid for this (most recent) program?

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

DATA SIZE BEGIN

V 0 .Not applicable
V 1 .Federal, State, or local government
V

D TM8512 1 847
Who paid for this (most recent) program?

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

V 0 .Not applicable
V 1 .Someone else

D IMP8414 1 848
Topical module imputation flag #1
Imputation for 'TM8414'

V 0 .Not imputed
V 1 .Imputed

D IMP8420 1 849
Topical module imputation flag #2
Imputation for 'TM8420'

V 0 .Not imputed
V 1 .Imputed

D IMP8422 1 850
Topical module imputation flag #3
Imputation for 'TM8422'

V 0 .Not imputed
V 1 .Imputed

D IMP8426 1 851
Topical module imputation flag #4
Imputation for 'TM8426'

V 0 .Not imputed
V 1 .Imputed

D IMP8428 1 852
Topical module imputation flag #5
Imputation for 'TM8428'

V 0 .Not imputed
V 1 .Imputed

D IMP8434 1 853
Topical module imputation flag #6
Imputation for 'TM8434'

V 0 .Not imputed
V 1 .Imputed

D IMP8436 1 854
Topical module imputation flag #7
Imputation for 'TM8436'

V 0 .Not imputed
V 1 .Imputed

D IMP8440 1 855
Topical module imputation flag #8
Imputation for 'TM8440'

V 0 .Not imputed
V 1 .Imputed

D IMP8446 1 856
Topical module imputation flag #9
Imputation for 'TM8446'

V 0 .Not imputed
V 1 .Imputed

D IMP48-58 1 857
Topical module imputation flag #10
Imputation for 'TM8448 - TM458'

V 0 .Not imputed
V 1 .Imputed

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```

DATA      SIZE BEGIN
D IMP60-70  1  858
    Topical module imputation flag #11
    Imputation for 'TM8460 - 8470'
V          0 .Not imputed
V          1 .Imputed
D IMP72-94  1  859
    Topical module imputation flag #12
    Imputation for 'TM8472 - TM8494'
V          0 .Not imputed
V          1 .Imputed
D IMP8496   1  860
    Topical module imputation flag #13
    Imputation for 'TM8496'
V          0 .Not imputed
V          1 .Imputed
D IMP8500   1  861
    Topical module imputation flag #14
    Imputation for 'TM8500'
V          0 .Not imputed
V          1 .Imputed
D IMP8502   1  862
    Topical module imputation flag #15
    Imputation for 'TM8502'
V          0 .Not imputed
V          1 .Imputed
D IMP06-12  1  863
    Topical module imputation flag #16
    Imputation for 'TM8506 - 8512'
V          0 .Not imputed
V          1 .Imputed
D FILLER    1  864
    Zero or blank filler

*****
*          Part C: Marital History          *
*****
D TM8600    1  865
    Check item T10
    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  866
    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+

```

```

DATA      SIZE BEGIN
D TM8604    2  867
    In what month and year did ...
    get married for the first time ?
U Persons 15 years and older
    married more than once
V          -1 .Don't know
V          00 .Not in universe
V          01 - 12 .Month
D TM8606    4  860
    In what month and year did ...
    get married for the first time?
U Persons 15 years and older
    married more than once
V          -001 .Don't know
V          0000 .Not in universe
V          1900-1992 .Year
D TM8608    1  873
    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  874
    In what month and year was ...
    (widowed/divorced) ?
U Persons 15 years and older
    married more than once
V          -1 .Don't know
V          00 .Not in universe
V          01 - 12 .Month
D TM8612    4  876
    In what month and year was ...
    (widowed / divorced) ?
U Persons 15 years and older
    married more than once
V          -001 .Don't know
V          0000 .Not in universe
V          1900-1992 .Year
D TM8614    1  880
    Check item T11
    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  881
    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          -1 .Don't know
V          00 .Not in universe
V          01 - 12 .Month
D TM8618    4  883
    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          -001 .Don't know
V          0000 .Not in universe
V          1900-1992 .Year

```

DATA DICTIONARY

DATA SIZE BEGIN

D TM8620 1 887
 Check item T12
 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+

D TM8622 2 888
 In what month and year did ...
 get married for the second time?
 U Persons 15 years and older married more
 than twice
 V -1 .Don't know
 V 00 .Not in universe
 V 01 - 12 .Months

D TM8624 4 890
 In what month and year did ...
 get married for the second time?
 U Persons 15 years and older married more
 than twice
 V -001 .Don't know
 V 0000 .Not in universe
 V 1900-1992 .Year

D TM8626 1 894
 Did ...'s second marriage end in
 widowhood or in divorce ?
 U Persons 15 years and older married more
 than twice
 V 0 .Not in universe
 V 1 .Widowhood
 V 2 .Divorce

D TM8628 2 895
 In what month and year was ...
 (widowed/divorced)?
 U Persons 15 years and older married more
 than twice
 V -1 .Don't know
 V 00 .Not in universe
 V 01 - 12 .Month

D TM8630 4 897
 In what month and year was ...
 (widowed/divorced)?
 U Persons 15 years and older married more
 than twice
 V -001 .Don't know
 V 0000 .Not in universe
 V 1900-1992 .Year

D TM8632 1 901
 Check item T13
 Is "widowhood" marked in TM8626?
 U Persons 15 years and older married more
 than twice
 V 0 .Not in universe
 V 1 .Yes - skip to TM8638
 V 2 .No

D TM8634 2 902
 In what month and year did ...
 actually stop living with his/her
 second spouse?
 U Persons 15 years and older married more
 than twice, never widowed
 V -1 .Don't know
 V 00 .Not in universe
 V 01 - 12 .Months

DATA SIZE BEGIN

D TM8636 4 904
 In what month and year did ...
 actually stop living with his/her
 second spouse ?
 U Persons 15 years and older married more
 than twice, never widowed
 V -001 .Don't know
 V 0000 .Not in universe
 V 1900-1992 .Year

D TM8638 1 908
 Check item T14
 Has a Wave 2 interview been obtained
 for ...'s spouse?
 U Persons 15 years and older ever married
 V 0 .Not in universe
 V 1 .Yes - skip to TM8700
 V 2 .No
 V 3 .No, no spouse in household

D TM8640 2 909
 In what month and year did ...
 get married (most recently)?
 U Persons 15 years and older ever married
 whose spouse has not been interviewed
 V -1 .Don't know
 V 00 .Not in universe
 V 01 - 12 .Month

D TM8642 4 911
 In what month and year did ...
 get married (most recently)?
 U Persons 15 years and older ever married
 whose spouse has not been interviewed
 V -001 .Don't know
 V 0000 .Not in universe
 V 1900-1992 .Year

D TM8644 1 915
 Check item T15
 What is ...'s current marital status?
 U Persons 15 years and older ever married
 whose spouse has not been interviewed
 V 0 .Not in universe
 V 1 .Married, spouse present - skip
 V .to TM8700
 V 2 .Married, spouse absent - skip
 V .to TM8700
 V 3 .Widowed
 V 4 .Divorced
 V 5 .Separated - skip to TM8652

D TM8646 2 916
 In what month and year was ...
 (widowed/divorced)?
 U Persons 15 years and older, widowed or
 divorced
 V -1 .Don't know
 V 00 .Not in universe
 V 01 - 12 .Month

D TM8648 4 918
 In what month and year was ...
 (widowed/divorced)?
 U Persons 15 years and older, widowed or
 divorced
 V -001 .Don't know
 V 0000 .Not in universe
 V 1900-1992 .Year

SIPP 1992 TOPICAL MODULE WAVE 2

DATA SIZE BEGIN
 D TM8650 1 922
 Check item T16
 Is "widowed" marked in TM8644?
 U Persons 15 years and older, widowed or
 divorced
 V 0 .Not in universe
 V 1 .Yes - skip to TM8700
 V 2 .No

D TM8652 2 923
 When did ... actually stop living
 with his/her (most recent) spouse?
 U Persons 15 years and older, widowed or
 divorced
 V -1 .Don't know
 V 00 .Not in universe
 V 01 - 12 .Months

D TM8654 4 925
 When did ... actually stop living
 with his/her (most recent) spouse?
 U Persons 15 years and older, widowed or
 divorced
 V -001 .Don't know
 V 0000 .Not in universe
 V 1900-1992 .Year

D IMP8602 1 929
 Imputation flag for 'TM8602'
 V 0 .Not imputed
 V 1 .Imputed

D IMP8608 1 930
 Imputation flag for 'TM8608'
 V 0 .Not imputed
 V 1 .Imputed

D IMP8626 1 931
 Imputation flag for 'TM8626'
 V 0 .Not imputed
 V 1 .Imputed

D FILLER 1 932
 Zero or blank filler

 * Part D: Migration History *

 * (Now I have some questions about *
 * places where ... has lived in the *
 * past, and where ... was born.) *

D TM8700 2 933
 When did ... move into this
 home/apartment/mobile
 U Persons 15 years or older
 V -1 .Don't know
 V 00 .Not in universe
 V 01 - 12 .Month

D TM8702 4 935
 When did ... move into this
 home/apartment/mobile
 U Persons 15 years or older
 V -001 .Don't know
 V -004 .Always lived here/born
 here - skip to TM8750
 V 0000 .Not in universe
 V 1900-1992 .Year

DATA SIZE BEGIN
 D TM8704 1 939
 Before living here, where did ... live?
 U Persons 15 years or older who have moved
 V 0 .Not in universe
 V 1 .Same state, same county
 V 2 .Same state, different county

D TM8706 2 940
 Before living here, where did ... live?
 Different state:
 skip to TM8722
 U Persons 15 years or older who have moved
 V -1 .Don't know
 V 00 .Not in universe
 State codes or foreign country codes:
 V 01 .Alabama
 V 02 .Alaska
 V 03 .Arizona
 V 04 .Arkansas
 V 05 .California
 V 06 .Colorado
 V 07 .Connecticut
 V 08 .Delaware
 V 09 .District of Columbia
 V 10 .Florida
 V 11 .Georgia
 V 12 .Hawaii
 V 13 .Idaho
 V 14 .Illinois
 V 15 .Indiana
 V 16 .Iowa
 V 17 .Kansas
 V 18 .Kentucky
 V 19 .Louisiana
 V 20 .Maine
 V 21 .Maryland
 V 22 .Massachusetts
 V 23 .Michigan
 V 24 .Minnesota
 V 25 .Mississippi
 V 26 .Missouri
 V 27 .Montana
 V 28 .Nebraska
 V 29 .Nevada
 V 30 .New Hampshire
 V 31 .New Jersey
 V 32 .New Mexico
 V 33 .New York
 V 34 .North Carolina
 V 35 .North Dakota
 V 36 .Ohio
 V 37 .Oklahoma
 V 38 .Oregon
 V 39 .Pennsylvania
 V 40 .Rhode Island
 V 41 .South Carolina
 V 42 .South Dakota
 V 43 .Tennessee
 V 44 .Texas
 V 45 .Utah
 V 46 .Vermont
 V 47 .Virginia
 V 48 .Washington
 V 49 .West Virginia
 V 50 .Wisconsin
 V 51 .Wyoming
 V 60 .Puerto Rico
 V 61 .Outlying area of U.S.
 V 62 .Austria
 V 63 .Canada
 V 64 .China
 V 65 .Cuba
 V 66 .Czechoslovakia
 V 67 .Dominican Republic

DATA	SIZE	BEGIN	DATA	SIZE	BEGIN
V	68	.Germany	V	39	.Pennsylvania
V	69	.Greece	V	40	.Rhode Island
V	70	.Hungary	V	41	.South Carolina
V	71	.India	V	42	.South Dakota
V	72	.Ireland	V	43	.Tennessee
V	73	.Italy	V	44	.Texas
V	74	.Jamaica	V	45	.Utah
V	75	.Japan	V	46	.Vermont
V	76	.Korea	V	47	.Virginia
V	77	.Mexico	V	48	.Washington
V	78	.Norway	V	49	.West Virginia
V	79	.Philippines	V	50	.Wisconsin
V	80	.Poland	V	51	.Wyoming
V	81	.Portugal	V	60	.Puerto Rico
V	82	.Sweden	V	61	.Outlying area of U. S.
V	83	.United Kingdom	V	62	.Austria
V	84	.U. S. S. R.	V	63	.Canada
V	85	.Vietnam	V	64	.China
V	86	.Other Europe	V	65	.Cuba
V	87	.Other Asia	V	66	.Czechoslovakia
V	88	.Central America	V	67	.Dominican Republic
V	89	.South America	V	68	.Germany
V	90	.Middle East	V	69	.Greece
V	91	.Africa	V	70	.Hungary
V	99	.Other (specify)	V	71	.India
			V	72	.Ireland
			V	73	.Italy
D TM8708	2	942	V	74	.Jamaica
		Before living here, where did ... live?	V	75	.Japan
		Different country:	V	76	.Korea
		skip to TM8722	V	77	.Mexico
U Persons	15	years or older who have moved	V	78	.Norway
V	00	.Not in universe	V	79	.Philippines
		State codes or foreign country 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
V	11	.Georgia	V	91	.Africa
V	12	.Hawaii	V	99	.Other(specify)
V	13	.Idaho			
V	14	.Illinois	D TM8709	2	944
V	15	.Indiana			During what period of time did
V	16	.Iowa			... live there?
V	17	.Kansas	V	-4	.Lived there since birth
V	18	.Kentucky	V		.(skip to TM8750)
V	19	.Louisiana	V	00	.Not in universe
V	20	.Maine			
V	21	.Maryland	D TM8710	2	946
V	22	.Massachusetts			During what period of time did
V	23	.Michigan			... live there?
V	24	.Minnesota			From
V	25	.Mississippi	U Persons	15	years or older who have moved
V	26	.Missouri	V	-1	.Don't know
V	27	.Montana	V	00	.Not in universe
V	28	.Nebraska	V	01 - 12	.Month
V	29	.Nevada			
V	30	.New Hampshire	D TM8712	4	948
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 moved
V	35	.North Dakota	V	-001	.Don't know
V	36	.Ohio	V	0000	.Not in universe
V	37	.Oklahoma	V	1900-1992	.Year
V	38	.Oregon			

SIPP 1992 TOPICAL MODULE WAVE 2

DATA	SIZE	BEGIN	DATA	SIZE	BEGIN
D TM8714	2	952	V	36	.Ohio
During what period of time did			V	37	.Oklahoma
... live there?			V	38	.Oregon
To			V	39	.Pennsylvania
U Persons 15 years or older who have moved			V	40	.Rhode island
V -1 .Don't know			V	41	.South Carolina
V 00 .Not in universe			V	42	.South Dakota
V 01 - 12 .Month			V	43	.Tennessee
			V	44	.Texas
D TM8716	4	954	V	45	.Utah
During what period of time did			V	46	.Vermont
... live there?			V	47	.Virginia
To			V	48	.Washington
U Persons 15 years or older who have moved			V	49	.West Virginia
V -001 .Don't know			V	50	.Wisconsin
V 0000 .Not in universe			V	51	.Wyoming
V 1900-1992 .Year			V	52	.United States (Unknown State)
			V	60	.Puerto Rico
D TM8718	1	958	V	61	.Outlying area of U. S.
Has ... ever lived in another			V	62	.Austria
state or foreign country?			V	63	.Canada
U Persons 15 years or older who have moved			V	64	.China
V 0 .Not in universe			V	65	.Cuba
V 1 .Yes			V	66	.Czechoslovakia
V 2 .No - skip to TM8730			V	67	.Dominican Republic
			V	68	.Germany
D TM8720	2	959	V	69	.Greece
What state or foreign country was that?			V	70	.Hungary
(If more than one, ask for most recent.)			V	71	.India
U Persons 15 years or older who have ever			V	72	.Ireland
lived in another state or foreign			V	73	.Italy
country			V	74	.Jamaica
V -1 .Don't know			V	75	.Japan
V 00 .Not in universe			V	76	.Korea
State or foreign country codes:			V	77	.Mexico
V 01 .Alabama			V	78	.Norway
V 02 .Alaska			V	79	.Philippines
V 03 .Arizona			V	80	.Poland
V 04 .Arkansas			V	81	.Portugal
V 05 .California			V	82	.Sweden
V 06 .Colorado			V	83	.United Kingdom
V 07 .Connecticut			V	84	.U. S. S. R.
V 08 .Delaware			V	85	.Vietnam
V 09 .District of Columbia			V	86	.Other Europe
V 10 .Florida			V	87	.Other Asia
V 11 .Georgia			V	88	.Central America
V 12 .Hawaii			V	89	.South America
V 13 .Idaho			V	90	.Middle East
V 14 .Illinois			V	91	.Africa
V 15 .Indiana			V	92	.Overseas (country unknown)
V 16 .Iowa			V	99	.Other(specify)
V 17 .Kansas					
V 18 .Kentucky			D TM8722	2	961
V 19 .Louisiana			During what period of time did		
V 20 .Maine			... live there?		
V 21 .Maryland			From		
V 22 .Massachusetts			U Persons 15 years or older who have lived		
V 23 .Michigan			in another state or foreign country		
V 24 .Minnesota			V -1 .Don't know		
V 25 .Mississippi			V 00 .Not in universe		
V 26 .Missouri			V 01 - 12 .Month		
V 27 .Montana					
V 28 .Nebraska			D TM8724	4	963
V 29 .Nevada			During what period of time did		
V 30 .New Hampshire			... last live there?		
V 31 .New Jersey			From		
V 32 .New Mexico			U Persons 15 years or older who have lived		
V 33 .New York			in another state or foreign country		
V 34 .North Carolina			V -001 .Don't know		
V 35 .North Dakota			V 0000 .Not in universe		
			V 1900-1992 .Year		

DATA DICTIONARY

DATA	SIZE	BEGIN	DATA	SIZE	BEGIN
D TM8726	2	967	V	46	.Vermont
		During what period of time did	V	47	.Virginia
		... last live there?	V	48	.Washington
		To	V	49	.West Virginia
U Persons 15 years or older who have lived			V	50	.Wisconsin
in another State or foreign country			V	51	.Wyoming
V	-1	.Don't know	V	52	.United States (Unknown State)
V	00	.Not in universe	V	60	.Puerto Rico
V	01 - 12	.Month	V	61	.Outlying area of U. S.
			V	62	.Austria
D TM8728	4	969	V	63	.Canada
		During what period of time did	V	64	.China
		... last live there?	V	65	.Cuba
		To	V	66	.Czechoslovakia
U Persons 15 years or older who have lived			V	67	.Dominican Republic
in another State or foreign country			V	68	.Germany
V	-001	.Don't know	V	69	.Greece
V	0000	.Not in universe	V	70	.Hungary
V	1900-1992	.Year	V	71	.India
			V	72	.Ireland
D TM8730	2	973	V	73	.Italy
		In what state or foreign country	V	74	.Jamaica
		was ... born?	V	75	.Japan
U Persons 15 years or older who have lived			V	76	.Korea
in another State or foreign country			V	77	.Mexico
V	00	.Not in universe	V	78	.Norway
		Place of birth codes:	V	79	.Philippines
V	01	.Alabama	V	80	.Poland
V	02	.Alaska	V	81	.Portugal
V	03	.Arizona	V	82	.Sweden
V	04	.Arkansas	V	83	.United Kingdom
V	05	.California	V	84	.U. S. S. R.
V	06	.Colorado	V	85	.Vietnam
V	07	.Connecticut	V	86	.Other Europe
V	08	.Delaware	V	87	.Other Asia
V	09	.District of Columbia	V	88	.Central America
V	10	.Florida	V	89	.South America
V	11	.Georgia	V	90	.Middle East
V	12	.Hawaii	V	91	.Africa
V	13	.Idaho	V	92	.Overseas (country unknown)
V	14	.Illinois	V	99	.Other(specify)
V	15	.Indiana			
V	16	.Iowa	D TM8732	1	975
V	17	.Kansas			Check item T17
V	18	.Kentucky			Does the code in TM8730 equal a
V	19	.Louisiana			foreign country of 62 - 91 or 99 ?
V	20	.Maine	U Persons 15 years or older who have lived		
V	21	.Maryland	in another State or foreign country		
V	22	.Massachusetts	V	0	.Not in universe
V	23	.Michigan	V	1	.Yes
V	24	.Minnesota	V	2	.No - skip to TM8750
V	25	.Mississippi			
V	26	.Missouri	D TM8734	1	976
V	27	.Montana			Is ... a naturalized citizen of the
V	28	.Nebraska			United States ?
V	29	.Nevada	U Persons 15 years or older who have lived		
V	30	.New Hampshire	in foreign country with code of 62-91 or 99		
V	31	.New Jersey	V	0	.Not in universe
V	32	.New Mexico	V	1	.Yes
V	33	.New York	V	2	.No
V	34	.North Carolina	V	3	.No, born abroad of American
V	35	.North Dakota	V		.parent or parents - skip to
V	36	.Ohio	V		.TM8750
V	37	.Oklahoma			
V	38	.Oregon	D TM8736	4	977
V	39	.Pennsylvania			When did ... come to the United
V	40	.Rhode Island			States to stay?
V	41	.South Carolina	U Persons 15 years or older who have lived		
V	42	.South Dakota	in foreign country with code of 62-91 or 99		
V	43	.Tennessee	who are naturalized citizens		
V	44	.Texas	V	-005	.Before 1900
V	45	.Utah	V	0000	.Not in universe
			V	1900-1992	.Year

SIPP 1992 TOPICAL MODULE WAVE 2

DATA	SIZE	BEGIN
D IMP00-02	1	981
	Topical module imputation flag #1	
	Imputation for 'TM8700 - TM8702'	
V	0	.Not imputed
V	1	.Imputed
D IMP8704	1	982
	Topical module imputation flag #2	
	Imputation for 'TM8704'	
V	0	.Not imputed
V	1	.Imputed
D IMP8706	1	983
	Topical module imputation flag #3	
	Imputation for 'TM8706'	
V	0	.Not imputed
V	1	.Imputed
D IMP8708	1	984
	Topical module imputation flag #4	
	Imputation for 'TM8708'	
V	0	.Not imputed
V	1	.Imputed
D IMP10-12	1	985
	Topical module imputation flag #5	
	Imputation for 'TM8710 - TM8712'	
V	0	.Not imputed
V	1	.Imputed
D IMP8720	1	986
	Topical module imputation flag #6	
	Imputation for 'TM8720'	
V	0	.Not imputed
V	1	.Imputed
D IMP22-24	1	987
	Topical module imputation flag #7	
	Imputation for 'TM8722 - TM8724'	
V	0	.Not imputed
V	1	.Imputed
D IMP26-28	1	988
	Topical module imputation flag #8	
	Imputation for 'TM8726 - TM8728'	
V	0	.Not imputed
V	1	.Imputed
D IMP8730	1	989
	Topical module imputation flag #9	
	Imputation for 'TM8730'	
V	0	.Not imputed
V	1	.Imputed
D IMP8732	1	990
	Topical module imputation flag #10	
	Imputation for 'TM8732'	
V	0	.Not imputed
V	1	.Imputed
D IMP8734	1	991
	Topical module imputation flag #11	
	Imputation for 'TM8734'	
V	0	.Not imputed
V	1	.Imputed
D IMP8736	1	992
	Topical module imputation flag #12	
	Imputation for 'TM8736'	
V	0	.Not imputed
V	1	.Imputed

DATA SIZE BEGIN

D FILLER	2	993
	Zero or blank filler	

* Part E: Fertility History *		

D TM8750	1	995
	Check item T18	
	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	996
	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	998
	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	1000
	Check item T19	
	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	1001
	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

DATA	SIZE	BEGIN	DATA	SIZE	BEGIN
D TM8760	2	1002			
					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 TM8762	4	1004			
					D TM8778 1 1020
					Check item T21
					How many children has ... ever had?
					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 TM8792
					V 2 .2+ children
D TM8764	3	1008			
					D TM8780 2 1021
					When was ...'s last child born?
					U Females 15 to 65 years of age with 2+ children
					V -1 .Don't know
					V 00 .Not in universe
					V 01 - 12 .Month
D TM8766	2	1011			
					D TM8782 4 1023
					When was ...'s last child born?
					U Females 15 to 65 years of age with 2+ children
					V -001 .Don't know
					V 0000 .Not in universe
					V 1900-1992 .Year
D TM8768	4	1013			
					D TM8784 1 1027
					Check item T22
					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 TM8770	3	1017			
					D TM8786 2 1028
					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 - .skip to TM8788
					Resides elsewhere
					V 2 .In his/her own household .skip to TM8792
					With relatives
					V 3 .With own father - skip to TM8792
					V 4 .With own grandparent(s) - skip .to TM8792
					V 5 .With adoptive parents - skip .to TM8792
					V 6 .Other relatives - skip .to TM8792
					With nonrelatives
					V 7 .In foster care/foster family .skip to TM8792

SIPP 1992 TOPICAL MODULE WAVE 2

DATA	SIZE	BEGIN
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	1030
		Check item T23
		Write the person number of the last child.
U		Females 15 to 65 years of age whose last child resides in this household
V	180 - 199	.Person number
V	201 - 224	.Person number
V	280 - 299	.Person number
V	301 - 324	.Person number
V	380 - 399	.Person number
V	401 - 424	.Person number
V	480 - 499	.Person number
V	999	.Edited person number
D TM8792	2	1033
		When was ...'s second child born?
U		Females 15 to 65 years of age with 2+ children
V	-1	.Don't know
V	00	.Not in universe
V	01-12	.Month
D TM8794	4	1035
		When was ...'s second child born?
U		Females 15 to 65 years of age with 3+ children
V	-001	.Don't know
V	0000	.Not in universe
V	1900-1992	.Year
D TM8796	1	1039
		Check item T24
		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	1040
		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

DATA	SIZE	BEGIN
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	1042
		Check item T25
		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
D IMP8754	1	1045
		Topical module imputation flag #1
		Imputation for 'TM8754'
V	0	.Not imputed
V	1	.Imputed
D IMP8782	1	1046
		Topical module imputation flag #2
		Imputation for 'TM8782'
V	0	.Not imputed
V	1	.Imputed
D IMP8780	1	1047
		Topical module imputation flag #2A
		Imputation for 'TM8780'
V	0	.Not imputed
V	1	.Imputed
D IMP8786	1	1048
		Topical module imputation flag #3
		Imputation for 'TM8786'
V	0	.Not imputed
V	1	.Imputed
D IMP8758	1	1049
		Topical module imputation flag #20
		Imputation for 'TM8758'
V	0	.Not imputed
V	1	.Imputed
D IMP8794	1	1050
		Topical module imputation flag #21
		Imputation for 'TM8794'
V	0	.Not imputed
V	1	.Imputed
D IMP8792	1	1051
		Topical module imputation flag #22
		Imputation for 'TM8792'
V	0	.Not imputed
V	1	.Imputed
D IMP8798	1	1052
		Topical module imputation flag #23
		Imputation for 'TM8798'
V	0	.Not imputed
V	1	.Imputed

**SOURCE AND ACCURACY STATEMENT FOR THE 1992
PUBLIC USE FILES FROM THE SURVEY OF
INCOME AND PROGRAM PARTICIPATION**

SOURCE OF DATA

The data were collected in the 1992 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 1992 panel of the SIPP sample is located in 284 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, we sampled small land areas and expected clusters of four LQs within were listed by field personnel and then subsampled. In addition, we selected sample LQs from a supplemental frame that included LQs identified as missed in the 1980 census.

Approximately 27,300 living quarters were originally designated for the 1992 panel. For Wave 1 of the panel, we obtained interviews from occupants of about 19,600 of the 27,300 designated living quarters. We found most of the remaining 7,700 living quarters in the panel to be vacant, demolished, converted to nonresidential use, or otherwise ineligible for the survey. However, we did not interview approximately 2,000 of the 7,700 living quarters in the panel because the occupants refused to be interviewed, could not be found at home, were temporarily absent, or were otherwise unavailable. Thus, occupants of about 91 percent of all eligible living quarters participated in the first interview of the panel.

For subsequent interviews, only original sample persons (those in Wave 1 sample households and interviewed in Wave 1) and persons living with them were eligible to be interviewed. We followed original sample persons if they moved to a new address,

unless the new address was more than 100 miles from a SIPP sample area. Then, we attempted telephone interviews.

Sample households within a given panel are divided into four 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 1992. 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 1992 panels can be combined with interviews from the 1991 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 1992 and 1991 panel topical modules are given in tables 1 and 2 respectively.

Tables 3 and 4 indicate the reference months and interview months for the collection of data from each rotation group for the 1992 and 1991 panels respectively. For example, Wave 1 rotation group 2 of the 1992 panel was interviewed in February 1992 and data for the reference months October 1991 through January 1992 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 1992. 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 1991 data is only available from rotations 2, 3, and 4 for Wave 1 of the 1992 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 1991).

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 1.0433 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). 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 13 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 1992 and 1991 panels provide data for October 1991-August 1993. 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 1991 and 1992 panels, we recommend that estimates not be obtained by combining Wave 1 data of the 1992 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. Another difference between the 1991 and 1992 panels is the change from 8 waves to 10 waves.

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

1. Combining Separate Estimates

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

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

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

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

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

W = weighting factor of the earlier panel.

To combine the 1991 and 1992 panels use a W value of 0.424 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, 1991 panel show there were 441,000 households with monthly December income above \$6,000. Also, suppose SIPP estimates for Wave 8, 1992 panel show there were 435,000 households with monthly March income above \$6,000. Using formula (A), the joint level estimate is

$$\hat{J} = (0.424)(441,000) + (0.576)(435,000) = 437,544$$

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 Error. 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.

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

CPS Coverage Ratios

Age	non-Black		Black		All Persons		Total
	M	F	M	F	M	F	
0-14	0.948	0.960	0.913	0.930	0.943	0.955	0.949
15	0.953	0.986	0.975	1.025	0.956	0.993	0.974
16	0.877	0.997	0.886	0.963	0.879	0.991	0.934
17	0.958	0.956	0.860	0.932	0.942	0.952	0.947
18	0.950	0.958	0.931	0.692	0.947	0.916	0.931
19	0.882	0.953	0.773	0.740	0.866	0.920	0.893
20-24	0.889	0.918	0.645	0.820	0.856	0.904	0.881
25-26	0.867	0.964	0.687	0.820	0.844	0.943	0.894
27-29	0.919	0.941	0.700	0.834	0.892	0.926	0.909
30-34	0.884	0.947	0.667	0.865	0.859	0.936	0.898
35-39	0.892	0.936	0.693	0.928	0.871	0.935	0.903
40-44	0.895	0.933	0.781	0.889	0.884	0.928	0.906
45-49	0.933	0.955	0.842	0.938	0.925	0.953	0.939
50-54	0.953	0.958	0.845	0.869	0.942	0.948	0.945
55-59	0.918	0.905	0.797	0.906	0.906	0.905	0.905
60-62	0.926	0.874	0.702	0.779	0.904	0.864	0.883
63-64	0.851	0.960	0.814	0.944	0.848	0.959	0.906
65-67	0.891	0.945	0.785	0.991	0.881	0.950	0.918
68-69	0.876	0.986	0.741	0.810	0.864	0.970	0.922
70-74	0.955	1.020	0.866	0.949	0.948	1.014	0.985
75-99	0.983	1.019	0.713	0.861	0.962	1.006	0.990
15+	0.911	0.951	0.752	0.877	0.893	0.942	0.919
0+	0.919	0.953	0.802	0.891	0.905	0.945	0.926

These coverage ratios are for May 1993.

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 Error. 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 1992 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 -0.0000758 and 6,715, respectively. For Wave 1 the factor for October 1991 is 4 since only 1 rotation month of data is available. So, the "a" and "b" parameters for total household income in October 1991 based on Wave 1 are -0.0003032 and 26,860, respectively. Also for Wave 1, the factor for the first quarter of 1992 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 1992 are -0.00009264 and 8,207, 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 1991, 1992 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 1992 topical module variances. Table 13 provides base "a" and "b" parameters for computing the 1991, 1992 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

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

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

approximated by the formula

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

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

Illustration.

Suppose SIPP estimates for Wave 1 of the 1992 panel show that there were 1,700,000 black households with monthly household income above \$4,000. The appropriate parameters and factor from table 6 and the appropriate general standard error from table 8 are

$$a = -0.0004625 \quad b = 4,640 \quad f = 0.83 \quad s = 105,000$$

Using formula 1, the approximate standard error is

$$s_x = 87,150$$

Using formula 2, the approximate standard error is

$$\sqrt{(-0.0004625)(1,700,000)^2 + (4,640)(1,700,000)} = 80,941$$

Using the standard error based on formula 2, the approximate 90-percent confidence interval as shown by the data is from 1,570,500 to 1,829,500. 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 males in the 16+ Income and Labor Force for Wave 6, 1991 panel and Wave 3, 1992 panel was 80,000,000. The combined panel parameters for total males are obtained by multiplying the appropriate "a" and "b" values from table 6 by the appropriate factors from tables 15 and 16. The 1992 parameters and factors are $a = -0.0000672$, $b = 5,433$, $g = 0.6028$, and

factor = 1.0000. Multiply the original "a" and "b" parameters by g (0.6028) and factor (1.0000). Thus, the combined panel parameters are $a = -0.0000405$ and $b = 3,275$. Using formula 2, the approximate standard error is

$$S = \sqrt{(-0.0000405)(80,000,000)^2 + (3275)(80,000,000)} = 52,915$$

Combined panel parameters are available in table 13 for selected topical modules combined panel estimates.

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

The formula used to estimate the standard error of a mean \bar{x} is

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

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

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

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

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

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

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

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

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

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

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

where there are n units with the item of interest and w_i is the final weight for unit i .

The mean, \bar{x} , can be obtained from the formula

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

When forming combined estimates using formula (A) 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 1992 is given in table 14.

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

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

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

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

$$s_{\bar{x}} = \sqrt{\left(\frac{5,433}{39,851,000} \right) (3,159,887)} = \$21$$

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

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

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

Standard Errors of Estimated Percentages. The reliability of an estimated percentage, computed using sample data for both numerator and denominator, depends upon both the size of the percentage and the size of the total upon which the percentage is based. Estimated percentages are relatively more reliable than the corresponding estimates of the numerators of the percentages, particularly if the percentages are 50 percent or more, e.g., the percent of people employed is more reliable than the estimated number of people employed. When the numerator and denominator of the percentage have

different parameters, use the parameter (and appropriate factor) of the numerator. If proportions are presented instead of percentages, note that the standard error of a proportion is equal to the standard error of the corresponding percentage divided by 100.

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

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

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

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

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

Alternatively, it may be approximated by the formula

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

from which the standard errors in tables 10 and 11 were calculated. Here x is the size of the subclass of social units which is the base of the percentage, p is the percentage ($0 < p < 100$), and b is the parameter associated with the characteristic in the numerator. Use of this formula will give more accurate results than use of formula 7 above and should be used when data from less than four rotations are used to estimate p .

Illustration.

Suppose that, in the month of January 1992, 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 7,310 from table 6 and a factor of

1 for the month of January 1992 from table 7, the approximate standard error is

$$\sqrt{\frac{7,310}{(16,812,000)} (6.7) (100-6.7)} = 0.52 \text{ percent}$$

Consequently, the 90 percent confidence interval as shown by these data is from 5.9 to 7.5 percent.

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

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

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

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

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

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

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 $\hat{\rho}_A$, \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 1992, 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

$$s_1 = \sqrt{\left(\frac{(0.098)(72121)}{78734} \right)^2 \left[\left(\frac{0.0031}{0.098} \right)^2 + \left(\frac{5799}{72121} \right)^2 + \left(\frac{2867}{78734} \right)^2 \right]}$$

$$= 0.008$$

$$= 0.8\%$$

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

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

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

Illustration.

Suppose that SIPP estimates show the number of persons age 35-44 years with monthly cash income of \$4,000 to \$4,999 was 3,186,000 in the month of January 1992 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 130,300 and 118,400, respectively. The difference in sample estimates is 567,000 and, using formula 10, the approximate standard error of the difference is

$$\sqrt{(130,300)^2 + (118,400)^2} = 176,100$$

Suppose that it is desired to test at the 10 percent significance level whether the number of persons with monthly cash income of \$4,000 to \$4,999 was different for persons age 35-44 years than for persons age 25-34 years. To perform the test, compare the difference of 567,000 to the product $1.6 \times 176,100 = 281,760$. 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

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

if Pareto Interpolation is indicated and

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

if linear interpolation is indicated, where

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

Illustration.

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

1. Using formula 8, the standard error of 50 percent on a base of 39,851,000 is about 0.6 percentage points.
2. Following step 2, the two percentages of interest are 49.4 and 50.6.

3. By examining table 14, we see that the percentage 49.4 falls in the income interval from 2000 to 2499. (Since 55.5% receive more than \$2,000 per month, the dollar value corresponding to 49.4 must be between \$2,000 and \$2,500). Thus, $A_1 = \$2,000$, $A_2 = \$2,500$, $N_1 = 22,106,000$, and $N_2 = 16,307,000$.

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

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

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

$$\$2,000 \exp \left[\left(\text{Ln} \left(\frac{(.506)(39,851,000)}{22,106,000} \right) / \text{Ln} \left(\frac{16,307,000}{22,106,000} \right) \right) \text{Ln} \left(\frac{2,500}{2,000} \right) \right] = \$2139$$

Thus, the 68-percent confidence interval on the estimated median is from \$2139 to \$2177. An approximate standard error is

$$\frac{\$2177 - \$2139}{2} = \$19$$

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

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

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

Table 1. 1992 Panel Topical Modules

<u>Wave</u>	<u>Topical Module</u>
1	Reciency History Employment History
2	Work Disability, Education and Training, Marital, Migration History Fertility History Household Relationships
3	Extended Measures of Wellbeing (Consumer Durables, Living Conditions, Basic Needs, Expenditures, Minimum Income)
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 Care Arrangements Child Support Agreements Support of Non-household Members Functional Limitations and Disability Utilization of Health Care Services Work Schedule
7	Selected Financial Assets Retirement Expectations and Pension Plan Coverage Real Estate, Shelter Costs, Dependent Care, and Vehicles
8	Taxes Annual Income and Retirement Accounts School Enrollment and Financing
9	To be decided in mid-1994
10	None

Table 2. 1991 Panel Topical Modules

<u>Wave</u>	<u>Topical Module</u>
1	None
2	Reciency History Employment History Work Disability History Education and Training History Marital History Migration History Fertility History Household Relationships
3	Child Care Agreements 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 3. Reference Months for Each Interview Month - 1992 Panel

Month of Interview	Wave/ Rotation	Reference Period																					
		<u>4th Quarter</u> (1991)			<u>1st Quarter</u> (1992)			<u>2nd Quarter</u> (1992)			<u>3rd Quarter</u> (1992)			...	<u>1st Quarter</u> (1995)			<u>2nd Quarter</u> (1995)					
		<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	
Feb 92	1/2	X	X	X	X																		
Mar	1/3		X	X	X	X																	
Apr	1/4			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								
May 95	10/1																	X	X	X		X	

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

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

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

		Factors for use in State or CMSA (MSA) Tabulations	Factors for use in Regional or National Tabulations
Northeast:	Connecticut	1.0387	1.0387
	Maine	1.1609	1.1609
	Massachusetts	1.0000	1.0000
	New Hampshire	1.2234	1.2234
	New Jersey	1.0000	1.0000
	New York	1.0000	1.0000
	Pennsylvania	1.0000	1.0000
	Rhode Island	1.2506	1.2506
	Vermont	1.1609	1.1609
Midwest:	Illinois	1.0000	1.0000
	Indiana	1.0150	1.0150
	Iowa	1.1574	1.1574
	Kansas	1.2771	1.2771
	Michigan	1.0088	1.0088
	Minnesota	1.0366	1.0366
	Missouri	1.0364	1.0364
	Nebraska	1.3891	1.3891
	North Dakota	1.1574	1.1574
	Ohio	1.0000	1.0000
	South Dakota	1.1574	1.1574
Wisconsin	1.0188	1.0188	
South:	Alabama	1.1334	1.1389
	Arkansas	1.4784	1.4855
	Delaware	1.5593	1.5668
	D.C.	1.0000	1.0048
	Florida	1.0000	1.0048
	Georgia	1.0000	1.0048
	Kentucky	1.0168	1.0217
	Louisiana	1.0108	1.0157
	Maryland	1.0000	1.0048
	Mississippi	1.0000	1.0048
	North Carolina	1.0000	1.0048
	Oklahoma	1.0592	1.0643
	South Carolina	1.0073	1.0121
	Tennessee	1.0063	1.0112
	Texas	1.0064	1.0113
	Virginia	1.0321	1.0371
West Virginia	---	---	

- Indicates no metropolitan subsample is identified for the state

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

		Factors for use in State or CMSA (MSA) Tabulations	Factors for use in Regional or National Tabulations
West:	Alaska	1.4339	1.4339
	Arizona	1.0000	1.0000
	California	1.0000	1.0000
	Colorado	1.0571	1.0571
	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	1.0000	1.0000
	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 1992 Panel

Characteristics ¹	Parameters		
	a	b	f
PERSONS			
<u>Total or White</u>			
16+ Program Participation			
Both Sexes	-0.0000936	15,937	0.90
Male	-0.0001969	15,937	
Female	-0.0001782	15,937	
16+ Income and Labor Force (5)			
Both Sexes	-0.0000318	5,433	0.52
Male	-0.0000672	5,433	
Female	-0.0000607	5,433	
16+ Pension Plan ² (4)			
Both Sexes	-0.0000583	9,950	0.71
Male	-0.0001230	9,950	
Female	-0.0001112	9,950	
All Others ² (6)			
Both Sexes	-0.0000857	19,760	1.00
Male	-0.0001772	19,760	
Female	-0.0001660	19,760	
<u>Black</u>			
Poverty (1)			
Both Sexes	-0.0004927	13,594	0.83
Male	-0.0010588	13,594	
Female	-0.0921511	13,594	
All Others (2)			
Both Sexes	-0.0002650	7,310	0.61
Male	-0.0005693	7,310	
Female	-0.0004955	7,310	
HOUSEHOLDS			
Total or White	-0.0000758	6,715	1.00
Black	-0.0004625	4,640	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-tabulation, 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

<u># of available rotation months¹</u>	<u>factor</u>
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	37	15,000	289
300	45	25,000	347
500	58	30,000	365
750	71	40,000	384
1,000	82	50,000	382
2,000	115	60,000	361
3,000	140	70,000	314
5,000	178	80,000	228
7,500	215	85,000	152
10,000	244	88,000	62.6

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 ¹	Size of Estimate	Standard Error
200	63	50,000	880
300	77	80,000	1016
600	109	100,000	1058
1,000	140	130,000	1059
2,000	198	135,000	1052
5,000	311	150,000	1018
8,000	391	160,000	984
11,000	455	180,000	883
13,000	492	200,000	724
15,000	526	210,000	608
17,000	558	220,000	446
22,000	627	230,000	106
26,000	675		
30,000	718		

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 Households Families or Unrelated Persons

Base of Estimated Percentage (Thousands)	Estimated Percentages ¹					
	≤ 1 or ≥ 99	2 or 98	5 or 95	10 or 90	25 or 75	50
200	1.82	2.57	3.99	5.5	7.93	9.16
300	1.49	2.09	3.26	4.49	6.48	7.48
500	1.15	1.62	2.53	3.48	5.02	5.79
750	0.94	1.32	2.06	2.84	4.1	4.73
1,000	0.82	1.15	1.79	2.46	3.55	4.1
2,000	0.58	0.81	1.26	1.74	2.51	2.9
3,000	0.47	0.66	1.03	1.42	2.05	2.37
5,000	0.36	0.51	0.8	1.1	1.59	1.83
7,500	0.3	0.42	0.65	0.9	1.3	1.5
10,000	0.26	0.36	0.56	0.78	1.12	1.3
15,000	0.21	0.3	0.46	0.63	0.92	1.06
25,000	0.16	0.23	0.36	0.49	0.71	0.82
30,000	0.15	0.21	0.33	0.45	0.65	0.75
40,000	0.13	0.18	0.28	0.39	0.56	0.65
50,000	0.12	0.16	0.25	0.35	0.5	0.58
60,000	0.11	0.15	0.23	0.32	0.46	0.53
70,000	0.1	0.14	0.21	0.29	0.42	0.49
80,000	0.09	0.13	0.2	0.27	0.4	0.46
90,000	0.09	0.12	0.19	0.26	0.37	0.43
92,000	0.09	0.12	0.19	0.26	0.37	0.43

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					
	≤ 1 or ≥ 99	2 or 98	5 or 95	10 or 90	25 or 75	50
200	3.13	4.4	6.85	9.43	13.6	15.7
300	2.55	3.59	5.59	7.7	11.1	12.8
600	1.81	2.54	3.96	5.44	7.86	9.07
1,000	1.4	1.97	3.06	4.22	6.09	7.03
2,000	0.99	1.39	2.17	2.98	4.3	4.97
5,000	0.63	0.88	1.37	1.89	2.72	3.14
8,000	0.49	0.7	1.08	1.49	2.15	2.48
11,000	0.42	0.59	0.92	1.27	1.84	2.12
13,000	0.39	0.55	0.85	1.17	1.69	1.95
17,000	0.34	0.48	0.74	1.02	1.48	1.7
22,000	0.3	0.42	0.65	0.9	1.3	1.5
26,000	0.27	0.39	0.6	0.83	1.19	1.38
30,000	0.26	0.36	0.56	0.77	1.11	1.28
50,000	0.2	0.28	0.43	0.6	0.86	0.99
80,000	0.16	0.22	0.34	0.47	0.68	0.79
100,000	0.14	0.2	0.31	0.42	0.61	0.7
130,000	0.12	0.17	0.27	0.37	0.53	0.62
200,000	0.1	0.14	0.22	0.3	0.43	0.5
220,000	0.09	0.13	0.21	0.28	0.41	0.47
230,000	0.09	0.13	0.2	0.28	0.4	0.46
240,000	0.09	0.13	0.2	0.27	0.39	0.45

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. 1992 Topical Module Generalized Variance Parameters¹

	<u>a</u>	<u>b</u>
Fertility		
# Women	-0.00005409	4,425
Births	-0.00004845	8,068
Educational Attainment²		
Wave 2	-0.00003305	6,027
Wave 5	-0.00003695	6,569
Wave 8	-0.00003695	6,569
Marital Status and Person's Family Characteristics		
Some HH members	-0.00004657	9,120
All HH members	-0.00005814	11,082
Child Support		
Wave 6	-0.00006385	7,319
Support for non-household members		
Wave 6	-0.00006949	7,319
Health and Disability	-0.00003608	8,687
0-15 Child Care		
Wave 6	-0.00009689	5,922
Living Conditions and Basic Needs		
Wave 3	-0.00005814	11,082
Welfare History and AFDC		
Both sexes 18+	-0.00008974	15,937
Males 18+	-0.00018829	15,937
Females 18+	-0.00017152	15,937
Assets and Liabilities		
Wave 4	-0.00003305	6,027
Wave 7	-0.00003695	6,569

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 1991, 1992 Combined Panel Topical Module Generalized Variance Parameter

	<u>a</u>	<u>b</u>
Educational Attainment 1991 Wave 8/1992 Wave 5	-0.00002145	3,813
Assets and Liabilities 1991 Wave 7/1992 Wave 4	-0.00001992	3,633
Living Conditions and Basic Needs 1991 Wave 6/1992 Wave 3	-0.00003505	6,680

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 1992 Base Parameters to Obtain the 1991, 1992 Combined Panel Parameters

Waves to be Combined		
<u>1991 panel</u>	<u>1992 panel</u>	<u>g factor</u>
8	5	0.5804
7	4	0.6028
6	3	0.6028

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 Estimates¹ from Various Reference Periods.

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

¹ Estimates are based on monthly averages.

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

SIPP DATA REVIEW: Panel 1992 Wave 2 - Education & Work Training History
February 1994

INTRODUCTION

This report provides a review of data quality of the Wave 2 Education and Training History topical module from the 1992 panel of the Survey of Income and Program Participation (SIPP). The questions concern receipt of the highest degree beyond high school, the field in which the degree was awarded, and the dates during which schooling occurred. The training history section asks about participation in specific work training programs, as well as participation in general work training activities, when and where the training occurred, how long it lasted, and the source of payment for this training.

SAMPLE ATTRITION

A rectangular data file of the wave 2 education and training history data was constructed using SAS. The file contains 40,173 person records; the universe of interest for tabulation are those persons 15 years of age and older who have non-zero weights in the interview month, which is 38,063 cases. (In addition, there are 4 zero-weight cases who were interviewed - likely 200+ level persons.) The number of households eligible for interviewing in wave 2 was 21,224. By this wave 1,210 households were not in sample. Of the remainder, 18,822, or about 94 percent, were successfully interviewed. Within households there is also loss of persons. As with entire households, this loss may be due to refusals, or because a given individual has moved and cannot be followed. The loss of persons in interviewed households in wave 2 (for the interview month) was 2,106 persons, or 5% of the eligible person population. This includes persons who may have been in sample for part of the wave, but who are out of sample by the interview month. (Another 5 persons have interview data, but also have a zero-weight for the interview month. Since the topical module is referenced to the interview month, calculating loss in terms of persons with a zero weight in that month is a reasonable method.)

Table 1 shows the pattern of loss for several basic demographic factors. Tests for significant patterns of loss in the sample data from the prior wave are made using a chi-square test that has been adjusted for sample design. (The simple adjustment is to divide the calculated chi-square by 3.) Using this method we find significant loss for the youngest age group, persons of Hispanic origin, and Blacks at the .10 level.

ITEM AND MODULE NONRESPONSE

In addition to the loss of data caused by noninterviewed households and persons, information is also lost because of simple nonresponse. Persons may not respond for a variety of reasons, and nonresponse may occur for the entire topical module or only for selected items. In Wave 2, 1,552 of the non-zero weight persons, about 4% of the "active" sample did not respond to the entire module. Of these, 1,086 (70%) were in fact Type Z noninterview cases; that is, they were not interviewed at all (either because they refused, or an interview could not, for whatever reason, be arranged). Table 2 summarizes the distribution of module nonrespondents and non-interviews by several basic demographics. Total nonresponse appears to have been somewhat more common among Blacks, Hispanics, younger persons, men, and persons with 9-12 years of schooling (tested at the .10 significance level).

While total module nonrespondents must have some data created for them, the overall level of imputation and editing is reasonable. In many situations, a "complete" case may amount to only several answered items. In this module some instances of missing data are not handled with an

imputation, but with a structured edit procedure, which contributes to the low imputation rate. Table 3 shows data for both imputed and some edited fields. As can be seen, imputation levels are for the most part low, but changes or assignment of values due to editing occur in larger magnitude for some items. Some items, such as dates (TM8420 and TM8440, for example), are especially prone to edit modification, either because they were not recorded at all, or because the sequence of dates in this section resulted in inconsistent answers (e.g., receiving a highest degree substantially before a lower degree). One problem in collecting multiple date data such as these is determining which items are "true" when the date sequences are unreasonable. We have used a combination of the actual dates reported and other related information (such as years of schooling attended) to come up with edited sequences where necessary.

SURVEY ESTIMATES

The comparison of weighted survey estimates to estimates derived from other sources acts as another check of the general quality of the data. Sample loss and nonresponse notwithstanding, if editing, imputation and weighting procedures are properly applied then the final weighted data should compare favorably, at least in univariate or bivariate context, with other known estimates of the same phenomenon. Consideration is given here to several of the main substantive items collected in the module.

Table A. Comparison of Educational Attainment Distributions (persons 15+)

LEVEL	SIPP HIGHEST DEGREE		MARCH 92 CPS		SIPP "YEARS"		
	Number	Percent	Number	Percent	Number	Percent	
PhD.	1215	(.6)	1427	(.7)			
Prof.	1893	(1.0)	2247	(1.1)			
Mast.	7949	(4.0)	8411	(4.3)			
Total	24852	(5.6)	12085	(6.1)	16375	(8.3)	College years 5+
BA	24852	(12.6)	25388	(12.9)	21375	(10.8)	College year 4
Assoc.	8288	(4.2)	11471	(5.8)			
Voc.	5211	(2.6)					
No deg.	34063	(17.2)	35646	(18.1)			
Total	47562	(24.1)	57117	(23.9)	39087	(19.8)	College years 1-3
HS only	67576	(34.2)	65250	(33.1)	71084	(36.0)	12 years
LT HS	46503	(23.5)	47414	(24.0)	49630	(25.1)	LT 12 yrs

(Numbers in thousands)

1. Educational Attainment/Degrees

Since the module is about educational history, one basic aspect of these data should be the detailing of the educational attainment structure of the population. In the SIPP there are two sources of these data: the control card, which collects the traditional "highest grade or year of school completed" item, and the topical module, which asks about the highest degree beyond a high school diploma that the individual has earned. The table below compares these two estimates with one derived from the March 1992 Current Population Survey (CPS). In prior years, the CPS estimates were based on the traditional "years completed" item; however, as of March 1992, attainment in CPS has also been collected in terms of highest degree earned beyond a high school diploma. In the past, we have found there to be a high degree of correspondence (proportionately) between the three estimates—though hardly exact. Typically, the larger differences are attributable to the fact that years of schooling do not map neatly into degrees achieved.

Table A shows that the SIPP degree estimates and correspond well (in proportionate terms) with the CPS degree estimates. The SIPP "years" are similar, but differ as expected from what has been seen in earlier data. The CPS estimates do not collect data for certificates/diplomas awarded by non-regular schools (e.g., vocation, technical, or business schools). However, when combining the categories between high school graduate and bachelor's degree, the proportions in this group are quite similar.

Table B. Degrees Awarded 1987/1988 - 1991/1992.

DEGREE	SIPP ESTIMATE		DEPT. OF EDUCATION	
	Number	Percent	Number	Percent
Doctorate	190	(1.9)	188	(1.8)
Professional	302	(3.1)	356	(3.5)
Masters	1,637	(16.7)	1,621	(15.9)
Bachelors	5,027	(51.2)	5,278	(51.8)
Associate	1,753	(17.9)	2,294	(22.5)
Vocational	904	(9.2)	453	(4.5)

(Numbers in thousands)

NOTE: Administrative estimates for vocational certificates are actually the estimate of "1- to less than 4-year awards other than associate degrees" from 1987/1988 to 1990/1991". Estimates from 1991/1992 are not available in this volume. Furthermore, "less than 1-year subbaccalaureate awards" are not included in this figure. Less than 1-year awards were estimated at 125,128 in the 2-year period 1989/1990 to 1990/1991. Thus, the vocational estimate is likely to be understate.

Table B compares the number of degrees (actually, "highest degrees") obtained in the period

1987-1992 to the estimates as calculated from the Department of Education administrative estimates¹. There are multiple reasons why these estimates should not be exactly the same (e.g., timing and definitional differences, sample variation). Definitionally, the SIPP estimates only count the highest degree earned by an individual in the time period; however, a person certainly could have completed a bachelor's degree in 1988 and a master's degree in 1990. The Department of Education figures would include both degrees, the SIPP would only have counted the Master's. Still, relative magnitude and proportion should be preserved in the estimates. In fact, this is what the data show. Apart from a few small differences, the distributions are strikingly similar. The Department of Education vocational certificates are most likely underestimated (see table note). Of course, the SIPP data cannot be expected to yield very reliable time-specific estimates, perhaps even for large intervals such as 5-10 years, but this table indicates the data are not widely variant for this 5-year period.

2. Degree Fields

The SIPP also asks respondents to report the field in which they earned their highest degree. Respondents are asked to choose from a list of 20 field categories the one which best identifies their field of study. The distributions of fields by degrees yield many estimates which are relatively small. Given the sampling variance of the estimates, one could not attempt to make reasonable comparisons to other known estimates, if they in fact existed. However, the general proportionate distribution of fields and degrees seems reasonable when compared to those estimated from the same questions in the 1990 and the 1991 panel of SIPP. In addition, looking within a specific field or degree, cells of large magnitude make intuitive sense; most professional degrees are reported by persons who studied the field of law, medicine or dentistry; most vocational certificate or diploma recipients report a field of business, nursing, technical health or "vocational studies." In short, the degree/field data do not appear "unreasonable."

3. Job Training

Job training in this module is ascertained through the use of a general question which asks, "Has ... ever received training designed to help find a job, improve job skills or learn a new job?" As one might expect, this question elicits a large number of positive responses among the adult population, that is, a weighted estimate of about 41.5 million persons ages 16 to 64. Given that this question is so general, one should accept that these data may be useful in providing a general image of work training, but not the fine detail that one would expect from a survey solely dedicated to this topic or, more importantly, to any of the specific programs that are mentioned in the follow-up question.

Beginning with the 1990 panel, specific job training categories were changed to more closely reflect some of the major programs now underway. CETA was combined with JTPA, since the former program has ended and become a part of the latter. Job Opportunities and Basic Skills (JOBS) was combined with WIN since the JOBS program replaced the WIN program in 1988. A new category for Food Stamps Work program was added and the Trade Adjustment Assistance Act was deleted since the latter program had very few participants. A final category on "other programs sponsored by the Welfare Program or AFDC" was also added and Veterans' Training Programs were left as on former modules.

¹ Administrative estimates were obtained from The Digest of Education Statistics: 1993.

Table C. Estimates of training programs.

PROGRAMS	SIPP 1992	SIPP 1991	SIPP 1990	ADMIN. EST.
JTPA/CETA	2,313	2,439	2,382	21,656
JOBS/WIN	623	715	660	501*
Food Stamps	104	50	55	---
Other	708	728	593	---
Vet Training	891	874	919	200-10,110

(Numbers in thousands)

* Estimate is an estimate of total JOBS participants for fiscal year 1991 only. (Note the question asks about ever having received job training.) Each state was required to have started JOBS services by 10/01/90 and to have programs implemented statewide by 10/1/92. Each fiscal year following 1991 states were required to enroll an even higher percentage of persons in non-exempt AFDC families in the program than the previous year.

Table C shows the SIPP based estimates of these programs, as well as estimates from former modules and (where available) administrative estimates. Administrative estimates come from the 1993 Green Book produced by the House Ways and Means Committee. The Green Book itself states that the JOBS participation rates should be viewed with caution because they have not been reviewed for accuracy and may overstate participation levels. According to the Green Book, states or localities may have "workfare" programs as options—they are not required. Estimates from past WIN reports (not included in the JOBS/WIN figure) indicate that more than 70,000 participants took part in WIN in 1972 and 1973 alone. At this time, we have been unable to obtain estimates of the numbers of persons trained by the Food Stamps Work program, and the "other" category is generic enough that one cannot reasonably expect to obtain any kind of good estimate for comparison. The JTPA/CETA estimates reported in the Green Book cite the Department of Labor (DOL) as a source specifically citing "telephone conversations" with DOL in some instances.

Generally, the administering agencies do not have a single, handy number. In JTPA, for example, a series of figures for the many different sub-programs for varying time periods were available and aggregated to get the above estimate. Not only are there different programs, a person may be enrolled in more than one program. The above estimate reflects: 1) new enrollees enrolled under Title IIA, from 1975 to 1992²; 2) participants under Title IIB which authorizes a summer employment and training program for economically disadvantaged persons between the ages of 14 and 21, from 1984 to 1992; and 3) new enrollees in Job Corps (under Title IVB), from 1982 to 1992³.

² Title IIA estimates do not include data from 1982 and 1983 when comparable figures were not available.

³ Both the Job Corps and summer employment programs include basic education programs as well as vocational skills development and on the job training; Job Corps also includes health care services counselling, and more. The estimates shown here include participants or new enrollees taking part in any aspect of these programs.

The data show that there are some large differences between the SIPP and the administrative estimates. The reasons for the discrepancy call into question both the SIPP and administrative figures. Again, note the Green Book calls into question some of its own estimates as reported by administering agencies. Some of the other figures may count participants each year they have participated as opposed to the SIPP estimates which would count these individuals just once. Also, these programs are often administered at a state or county level, with the name(s) of the actual program determined at that point. In the case of JTPA/CETA for example, the total number of specific-named programs operating under the enabling legislation is at least several hundred, and is likely more than one thousand in number (this was the conclusion of the analysts we spoke with at the Department of Labor). JOBS is also administered at different government levels, operating under various names — such as Project Success in Arkansas, GAIN in California, and PEACH in Georgia. Furthermore, the State welfare agency may offer JOBS services directly or through JTPA, educational agencies, private, or community-based organizations. In these cases, it may not be clear to the respondent that he/she is or has been a participant. In addition, JOBS and JTPA services include many programs of basic literacy in the English language and other basic and remedial education—not conventional job training. To a certain extent, then, the SIPP/administrative comparison is fallacious.

CETA is believed to have had between 20 and 25 million participants, but there is no data on how many of these persons actually received any kind of "job training", or how many knew they were a part of the CETA program. In a context such as this it is well beyond the scope of the administering agency to have a good count, but more importantly, it is a random guess as to whether or not any actual participant of this program will know that he/she participated in it. For some of these programs, participation is "automatic" when the individual applies for unemployment, for example, and is sent to a one or two-day lecture on "tips on job-hunting" before becoming eligible for benefits. While the "administrative" estimate records this person, the person may not even know it happened.

Estimates of Veteran's training are also somewhat unclear. The lower estimate of 200,000 was made only after several discussions with analysts in the Veterans Administration. According to a 1989 report, as of 1988, 61,227 veterans had participated in job-training programs under the Veterans' Job Training Act (VJTA), although 460,246 were certified as eligible to take part. The number participating since then has declined yearly. There are other smaller programs which could be classified as work-training which include several thousand veterans per year. These would include apprenticeship programs and On the Job Training (OJT) authorized under Title 38. Co-operative training taking place in the schools may also be considered work-training by respondents. However, no estimates are available for this category as it is administered through existing school programs. Not included in the lower administrative estimate is the number of persons who attend school (of many different types, such as vocational) under the auspices of the GI Bill or some other Veterans' aid, although these may be reported by respondents as work-related training. On the other hand, the substantially higher estimate of 10 million was obtained from the 1993 Green Book. This estimate however is not specific to job training; it includes veterans' educational programs as well and is definitely an overstatement of those veterans involved in work-related training. It specifically includes those participants in the largest program—the GI Bill which focuses on continuing education.

Analysts and users of the work training data need to recognize that these are seriously limited in certain respects. Having said this, it is not the case that the data have no use. Analysis of individuals who report some kind of program training (whatever it was), or who report that it was paid for by the government, may tell us important things about this subpopulation, especially with respect to them in the context of other activities. But researchers should avoid the desire to produce estimates and analyses of specific training programs from these data.

SUMMARY

The data from this module appear, in general terms, to be reasonable in terms of weighted distributions. Users of these data should take note of two characteristics which may advise caution on their part, however. First, many of the dates for education events have been modified because of the editing consistency procedures. This is necessary because so many dates have been left blank, or because respondents have answered "don't know". We have avoided imputation in these cases, since event dates must be constrained by other surrounding dates; attempts to build an accurate imputation matrix would result in a huge table with few "donor" cells. Thus, the editing procedure achieves in essence what the detailed imputation would; i.e., donated dates based on the value of other relevant criteria. Nevertheless, while date consistency is achieved, a small proportion of cases will exhibit similar timing patterns in the dating of events.

The second problem in these data concerns the work training section, and the reports of specific sponsors of such training. SIPP estimates are somewhat discrepant of other estimates, but there is no reason to believe that the other estimates are any more valid than those obtained in the SIPP. The very general nature of the section on work training makes these data useful only in the most general of terms. Analysis of specific programs should not be undertaken with these data.

Table 1. Demographic characteristics of interviewed and non-interviewed (zero-weight) persons:
SIPP Panel 1992, Wave 2

	Zero-weight	Positive weight	Adjusted X ²	DF
AGE				
15-34	948 (.45)	14919 (.39)	10.2*	2
35-54	691 (.33)	13143 (.35)		
55+	471 (.22)	10001 (.26)		
EDUCATION				
0-8 yrs	212 (.10)	3652 (.10)	2.0	2
9-12 yrs	1130 (.54)	19550 (.51)		
C1+	768 (.36)	14861 (.39)		
RACE				
White	1667 (.79)	32834 (.86)	31.6*	2
Black	349 (.17)	3851 (.10)		
Other	94 (.04)	1378 (.04)		
SEX				
Male	1034 (.49)	17861 (.47)	1.2	1
Female	1076 (.51)	20202 (.53)		
SPAN				
Hispanic	246 (.12)	3105 (.08)	10.7*	1
Not Hisp.	1864 (.88)	34958 (.92)		

* Significant at the .10 level

Table 2. Demographic characteristics of module non-respondents: SIPP Panel 1992, Wave 2

	Non- interview	Module Respondent	Module Nonresp.	Adjusted X ²	DF
AGE					
15-34	944 (.45)	14176 (.39)	747 (.48)	28.9*	4
35-54	691 (.33)	12657 (.35)	486 (.31)		
55+	471 (.22)	9681 (.27)	320 (.21)		
EDUCATION					
0-8 yrs	212 (.10)	3532 (.10)	120 (.08)	35.2*	4
9-12 yrs	1126 (.53)	18564 (.51)	990 (.64)		
C1+	768 (.36)	14418 (.39)	443 (.29)		
RACE					
White	1663 (.79)	31580 (.86)	1258 (.81)	45.1*	4
Black	349 (.17)	3623 (.10)	228 (.15)		
Other	94 (.04)	1311 (.04)	67 (.04)		
SEX					
Male	1032 (.49)	17056 (.47)	807 (.52)	6.7*	2
Female	1074 (.51)	19458 (.53)	746 (.48)		
SPAN					
Hispanic	245 (.12)	2963 (.08)	143 (.09)	11.3*	
Not Hisp.	1861 (.88)	33551 (.92)	1410 (.91)		

* Significant at .10 level

Table 3. Imputation and Edit Change Rates for Selected Items.

A. Imputations

Source Code	Nonresponses	Adjusted Rate (%)	
8414	2263	8	
8422	882	5	
8426	764	8	
8428	699	7	
8434	158	7	
8436	1024	16	
8446	2027	7	
8448	30	7	
8450	5	4	
8452	2	10	
8454	8	6	
8456	9	5	
8458	578	8	
8460-70	34-392		6-9
8472-94	7-178		6-10
8496	531	6	
8500	1135	14	
8502	1630	24	
8506-12	23-220		6-9

B. Edit Changes

Source Code	Number Changed	Adjusted Rate (%)
8420	1713	11
8422	183	1
8426	25	.3
8434	160	7
8440	1275	20
8500	25	.3

Subject: Review of the 1992 SIPP Wave 2 Marital History
 Topical Module

The 1992 SIPP Marital History topical module provides estimates of reasonable quality, based on comparisons with previous SIPP panels and, where possible, data from the March 1992 Current Population Survey (CPS), the June Marital History Supplement to the CPS, and vital records from the National Center for Health Statistics (NCHS). Survey results from the 1992 SIPP have been inflated to national estimates using weights based on the 1990 census (adjusted for the undercount), whereas the March 1992 CPS controls were based on the 1980 census. Although this topical module provides acceptable levels of estimates, imputation rates are unacceptably high for, in particular, variables pertaining to the respondent's previous marriage(s).

Current Marital Status and Number of Times Married

Estimates of current marital status from the SIPP are similar to those from the March 1992 CPS (Table 1), although the estimated number of persons who are currently divorced is slightly high in this and previous SIPP panels when compared to the March CPS estimates. As shown in Table 2, both the 1992 SIPP and CPS provide reasonable estimates of current marital status by age and sex. Distributions of marital status by age and sex (not shown) are similar for both surveys.

The distribution and level of number of times married by sex are reasonable when compared to estimates from earlier SIPP panels.

Marriages and Divorces by Year

The numbers of marriages by year of marriage reported in the 1992 SIPP panel are slightly lower than what is found in vital records (NCHS), a pattern that has appeared in earlier SIPP panels. Please note, however, that the number of marriages recorded by NCHS refers to, in general, the number of legal marriages

performed in the United States in 1992, whereas the SIPP estimates include all marriages, regardless of where they took place.

Likewise, the number of divorces by year of divorce from the 1992 SIPP panel are generally lower than the figures provided by NCHS. This trend toward underreporting of divorces also occurred in earlier SIPP panels, as well as in the June 1985 and 1990 CPS.

Imputation Rates

Although reasonable rates of imputation were found for some variables (current marital status, number of times married, and incidence of widowhood and divorce), data pertaining to previous marriage(s), in particular, had unacceptably high rates of imputation. Dates referring to marriages other than the current or most recent marriage were imputed for 39 to 71 percent of applicable responses. If we look only at the year of these events (disregarding the month), then 22 to 47 percent of the applicable responses were imputed. The date of the current or most recent marriage (month and/or year) was imputed for 14 percent of respondents, as were one-third or more of responses to questions on the date of divorce/widowhood and the date of separation.

None of the statements in this review has been tested for statistical significance.

Attachments.

Table 1: Marital Status of Ever-Married Persons 15 Years and Over:
 Comparing the SIPP and the Current Population Survey
 (Numbers in thousands)

		SIPP					
Marital Status	Wave 4 1985 Panel	Wave 2 1986 Panel	Wave 2 1987 Panel	Wave 2 1988 Panel	Wave 2 1990 Panel	Wave 2 1991 Panel	Wave 2 1992 Panel
Both sexes	135,098	136,562	138,536	140,249	141,878	143,821	144,143
Married, spouse present	103,341	103,915	104,637	105,352	106,059	107,061	107,569
Married, spouse absent	5,670	5,244	6,171	5,669	6,041	6,147	6,069
Separated	4,441	4,110	4,842	4,581	4,609	4,676	4,488
Other	1,229	1,134	1,329	1,088	1,432	1,471	1,581
Widowed	12,833	13,145	13,196	12,961	13,755	13,942	13,114
Divorced	13,253	14,258	14,533	16,267	16,023	16,671	17,391
Percent	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	74.6
Married, spouse absent	4.2	3.8	4.5	4.0	4.3	4.3	4.2
Separated	3.3	3.0	3.5	3.3	3.2	3.3	3.1
Other	0.9	0.8	1.0	0.8	1.0	1.0	1.1
Widowed	9.5	9.6	9.5	9.2	9.7	9.7	9.1
Divorced	9.8	10.4	10.5	11.6	11.3	11.6	12.1

		CPS				
Marital Status	March 1987	March 1988	March 1990	March 1991	March 1992	
Both sexes	137,503	138,956	141,570	142,217	144,096	
Married, spouse present	104,571	105,226	106,513	106,454	107,569	
Married, spouse absent	6,053	6,230	6,118	6,318	6,353	
Separated	4,391	4,458	4,669	4,717	4,841	
Other	1,662	1,772	1,450	1,601	1,512	
Widowed	13,243	13,532	13,810	13,674	13,853	
Divorced	13,635	13,968	15,128	15,772	16,321	
Percent	100.0	100.0	100.0	100.0	100.0	
Married, spouse present	76.0	75.7	75.2	74.9	75.6	
Married, spouse absent	4.4	4.5	4.3	4.4	4.5	
Separated	3.2	3.2	3.3	3.3	3.4	
Other	1.2	1.3	1.0	1.1	1.1	
Widowed	9.6	9.7	9.8	9.6	9.7	
Divorced	9.9	10.1	10.7	11.1	11.5	

Table 2: Marital Status of All Persons 15 Years and Over, by Sex and Race:
Comparing the 1992 SIPP and the March 1992 Current Population Survey
(Numbers in thousands)

Marital Status	SIPP, 1992 Panel, Wave 2			CPS, March 1992		
	Total	White	Black	Total	White	Black
MALES	95,083	81,330	10,343	93,760	80,050	10,253
Never married	29,236	23,444	4,559	28,302	22,477	4,614
Married, spouse present	53,784	48,130	3,802	53,512	47,959	3,700
Married, spouse absent	2,463	1,686	667	2,665	1,811	654
Separated	1,677	1,096	545	1,846	1,233	558
Other	786	590	122	819	578	96
Widowed	2,115	1,713	370	2,529	2,038	426
Divorced	7,485	6,357	945	6,752	5,765	859
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Never married	30.7	28.8	44.1	30.2	28.1	45.0
Married, spouse present	56.6	59.2	36.8	57.1	59.9	36.1
Married, spouse absent	2.6	2.1	6.4	2.8	2.3	6.4
Separated	1.8	1.3	5.3	2.0	1.5	5.4
Other	0.8	0.7	1.2	0.9	0.7	0.9
Widowed	2.2	2.1	3.6	2.7	2.5	4.2
Divorced	7.9	7.8	9.1	7.2	7.2	8.4
FEMALES	102,469	86,070	12,576	101,483	85,511	12,288
Never married	24,172	18,309	4,806	23,389	17,629	4,805
Married, spouse present	53,784	48,018	3,676	53,512	47,886	3,608
Married, spouse absent	3,606	2,175	1,230	3,688	2,500	1,054
Separated	2,811	1,692	1,029	2,995	1,991	942
Other	795	483	201	693	509	112
Widowed	11,000	9,294	1,489	11,325	9,626	1,412
Divorced	9,907	8,274	1,375	9,569	7,870	1,409
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Never married	23.6	21.3	38.2	23.0	20.6	39.1
Married, spouse present	52.5	55.8	29.2	52.7	56.0	29.4
Married, spouse absent	3.5	2.5	9.8	3.6	2.9	8.6
Separated	2.7	2.0	8.2	3.0	2.3	7.7
Other	0.8	0.6	1.6	0.7	0.6	0.9
Widowed	10.7	10.8	11.8	11.2	11.3	11.5
Divorced	9.7	9.6	10.9	9.4	9.2	11.5

Table 3: Number of Times Married by Sex for Ever-Married Persons 15 Years Old and Over:
Comparing the SIPP and the Current Population Survey
(Numbers in thousands)

Subject	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	Wave 2 1992 Panel 6/92-9/92	CPS June 1985	CPS June 1990
MALES									
Total	61,342	62,035	63,036	64,060	64,881	65,783	65,847	61,085	-
Married once	49,287	49,299	49,524	50,522	50,800	51,569	51,644	50,622	-
Married twice	9,930	10,396	11,087	10,874	11,455	11,652	11,551	8,842	-
Married 3 or more times	2,124	2,340	2,425	2,665	2,625	2,561	2,652	1,621	-
Percent	100.0	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	78.4	82.9	-
Married twice	16.2	16.8	17.6	17.0	17.7	17.7	17.5	14.5	-
Married 3 or more times	3.5	3.8	3.8	4.2	4.0	3.9	4.0	2.7	-
FEMALES									
Total	73,757	74,528	75,502	76,189	76,997	78,039	78,297	73,970	61,762
Married once	59,515	59,364	60,303	60,336	60,898	62,067	61,882	60,281	49,725
Married twice	11,848	12,837	12,328	13,280	13,347	12,874	13,247	11,684	10,152
Married 3 or more times	2,394	2,327	2,872	2,572	2,752	3,097	3,168	2,006	1,892
Percent	100.0	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	79.0	81.5	80.5
Married twice	16.1	17.2	16.3	17.4	17.3	16.5	16.9	15.8	16.4
Married 3 or more times	3.2	3.1	3.8	3.4	3.6	4.0	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 4: Marriages by Year of Marriage for Females, Age 15+:
 Comparing the SIPP, the Current Population Survey, and Vital Statistics (NCHS)
 (Reflects only 3 marriages for women married more than 3 times. Numbers in thousands)

Year	SIPP								NCHS	CPS		
	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	Wave 2 1992 Panel		June 1985	June 1990 ++	
1992	-	-	-	-	-	-	-	-	1120 +	2362	-	-
1991	-	-	-	-	-	-	-	-	2247	2371	-	-
1990	-	-	-	-	-	-	-	2588	2329	2448	-	-
1989	-	-	-	-	-	2298	2524	2425	2404	2404	-	2243
1988	-	-	-	-	1035 +	2621	2284	2284	2389	2389	-	2266
1987	-	-	-	1187 +	2204	2366	2313	2399	2403	2403	-	2365
1986	-	289 +	1236 +	2369	2348	2195	2049	2430	2407	2407	-	2244
1985	1908	2072	2200	2388	2563	2424	2426	2350	2413	2413	925 +	2336
1984	1862	2058	2579	2510	2492	2353	2128	2416	2477	2477	2363	2155
1983	1988	2413	2356	2528	2274	2366	2317	2214	2446	2446	2413	2224
1982	2396	2282	2477	2296	2230	2415	2244	2145	2456	2456	2379	2352
1981	2221	2207	2445	2268	2577	2045	2279	2398	2422	2422	2365	2236
1980	2345	2467	2377	2387	2570	2320	2449	2516	2390	2390	2416	2474
1975	2232	2115	1961	2165	2289	2098	1939	2136	2153	2153	2206	2222
1970	2304	2098	1952	2057	1956	2057	2195	2007	2159	2159	2234	2282
1965	1737	1528	1723	1644	1733	1641	1705	1533	1800	1800	1712	1624
1960	1500	1463	1566	1492	1347	1349	1442	1466	1523	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 5: Divorces by Year of Divorce for Females, Age 15+:
 Comparing the SIPP, the Current Population Survey, and Vital Statistics (NCHS)
 (For women married more than 3 times, divorce data refer only to first, second, and last marriage. Numbers in thousands)

Year	SIPP									NCHS	CPS	CPS
	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	Wave 2 1992 Panel	Wave 2 1992 Panel		June 1985	June 1990 ++
1992	-	-	-	-	-	-	-	-	650 +	1215	-	-
1991	-	-	-	-	-	-	-	-	1068	1187	-	-
1990	-	-	-	-	-	-	-	1039	917	1175	-	-
1989	-	-	-	-	-	898	1039	1133	1163	1163	-	999
1988	-	-	-	-	616 +	904	980	929	1183	1183	-	1012
1987	-	-	-	571 +	944	1113	957	943	1166	1166	-	900
1986	-	207 +	495 +	869	944	844	898	1037	1178	1178	-	917
1985	765	966	1091	1005	1062	1204	1057	1001	1190	1190	516 +	986
1984	665	869	867	1126	1082	956	938	920	1169	1169	1062	963
1983	725	1100	1146	1028	1011	794	792	883	1158	1158	939	836
1982	912	857	1089	1048	1034	1159	816	894	1170	1170	918	992
1981	651	799	1037	864	1015	802	924	1110	1213	1213	1035	922
1980	770	1109	1029	930	1116	1016	1076	1052	1189	1189	1075	1057
1975	638	849	896	886	812	819	880	850	1036	1036	796	793
1970	440	579	594	582	481	549	559	517	708	708	561	538
1965	261	441	323	481	314	347	339	322	479	479	392	286
1960	245	220	252	257	368	225	334	229	393	393	284	180

+ Reflects a partial year of data.

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

Table 6: Marital History Variables by Percentage Imputed: SIPP 1992
 Note: Observations are unweighted

Variable Name	Description	Number of Observations	Percentage Imputed		
			TOTAL	Month Only Imputed	Year Imputed**
TM8628 TM8630	Date of divorce/widowhood, second marriage Universe: Married three or more times	1150	63.6	29.2	34.3
TM8634 TM8636	Date of separation if second marriage ended in divorce Universe: Married three or more times	1014	70.5	23.3	47.2
TM8640 TM8642	Date of most recent or only marriage Universe: All ever-married persons, 15 and over	28371	13.5	4.5	9.0
TM8646 TM8648	Date of divorce/widowhood, most recent or only marriage Universe: All ever-married persons, 15 and over	5750	33.9	17.5	16.4
TM8652 TM8654	Date of separation if most recent or only marriage ended in divorce or if currently separated	4045	46.7	24.4	22.2

Table 6: Marital History Variables by Percentage Imputed: SIPP 1992 (continued)
 Note: Observations are unweighted

Variable Name	Description	Number of Observations	Percentage Imputed		
			TOTAL	Month Only Imputed	Year Imputed**
TM8628 TM8630	Date of divorce/widowhood, second marriage Universe: Married three or more times	1150	63.6	29.2	34.3
TM8634 TM8636	Date of separation if second marriage ended in divorce Universe: Married three or more times	1014	70.5	23.3	47.2
TM8640 TM8642	Date of most recent or only marriage Universe: All ever-married persons, 15 and over	28371	13.5	4.5	9.0
TM8646 TM8648	Date of divorce/widowhood, most recent or only marriage Universe: All ever-married persons, 15 and over	5750	33.9	17.5	16.4
TM8652 TM8654	Date of separation if most recent or only marriage ended in divorce or if currently separated	4045	46.7	24.4	22.2

**Subject: Evaluation of 1992 SIPP Wave 2 Migration History
Topical Module**

The data from the Migration History topical module of the 1992 Survey of Income and Program Participation (SIPP) provide acceptable estimates of mobility, are internally consistent, and have reasonable imputation rates. The SIPP data file that is being reviewed here is based on the 1990 census, and it has not been adjusted for undercount. The SIPP data can be compared with mobility estimates from the March 1992 Current Population Survey (CPS), which are also based on the 1990 census and are not adjusted for undercount.

The number of persons 15 years and older who changed residence between April 1991 and March 1992 was 31,570,000 according to the SIPP. The corresponding estimate from the CPS was 33,201,000 (see table A). The estimated mobility rate (proportion of persons moving) was 16.2 percent from the SIPP, which is not statistically different at the 90-percent confidence level from the CPS estimate of 17.0 percent.

The sex and age compositions of recent movers from the two surveys are also similar (see table B). The SIPP estimates of 49.0 percent males and 51.0 percent females among recent movers 15 years and older are not statistically different, at the 90-percent confidence level, from the CPS estimates of 49.7 percent males and 50.3 percent females. The proportions of movers by age group also correspond fairly closely between the surveys.

The geography of recent moves from the SIPP cannot be strictly compared with the CPS estimates because about 10 percent of the SIPP movers in the period April 1991 to March 1992 also made a later move, (after March 1992). Geographical information in the SIPP module is only obtained for the most recent move, which for those movers is the move after March 1992, and therefore is unavailable for 10 percent of the group. 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 an underrepresentation of longer-distance movers. About 70 percent of recent moves reported in the SIPP were intracounty compared with 61 percent reported in the CPS. The estimates of longer-distance moves (different county of same state, different state, and from abroad) appear lower in the SIPP than in the CPS. 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 county 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 within-county 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, and are consistent with estimates obtained from previous SIPP panels.

All of the items from the Migration History topical module are internally consistent. The imputation rates are 4.7 percent or less for key items such as year of most recent move, year of leaving previous residence, 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 previous residences have imputation rates of 7.2 percent and 8.5 percent. Month of move was not answered as reliably as year of move. The items on month of move frequently came in blank or with inconsistent responses. Month of most recent move was given a value for 17.9 percent of cases, and month of leaving previous residence had a 16.9 percent imputation/assignment rate. The two items on month of moving into previous residence had rates of 20.9 percent (item 8722) and 34.3 percent (item 8710). It might be expected that month of moving into a previous residence would be less likely to be remembered correctly than month of moving into the current residence.

The distribution of recent movers from the SIPP by month of move is shown in table D. The effect of the fairly high allocation rate for month of move was fairly minimal. August 1991 was the peak moving month during the 12-month period, accounting for 10.8 to 11.0 percent of movers 15 years and older whether allocations are included or not. The proportions moving in August are statistically different from 8.33 percent (1 in 12), the proportion of movers that each month would be expected to have if there were no seasonal variation in moving. October was also a statistically

significant peak moving month when allocations are excluded from the distribution. May 1991 represented a trough in moving, with just 6.0 to 6.2 percent of movers. The data which include allocations also show a statistically significant trough in April 1991. The proportions moving in other months are not statistically different from 8.33 for either distribution.

**Table A. Recent Movers 15 Years of Age and Older
from the SIPP and CPS: 1991-92
(Numbers in thousands)**

(Includes all persons from the March 1992 CPS who moved during the preceding 12 months; includes only those persons from the 1992 SIPP whose last move was between April 1991 and March 1992.)

Mobility status	1992 SIPP Wave 2		March 1992 CPS
	Unweighted	Weighted	Weighted
Total	38,067	195,326	195,244
Same house	31,981	163,756	162,042
Different house	6,086	31,570	33,201
Mobility rate	16.0	16.2	17.0

Table B. Sex and Age of Recent Movers 15 Years of Age and Older
 from the SIPP and CPS: 1991-92
 (Numbers weighted and in thousands)

	Movers		Percent of Movers	
	SIPP	CPS	SIPP	CPS
Both sexes	31,570	33,202	100.0	100.0
15-19 years	2,528	2,892	8.0	8.7
20-24 years	6,024	6,529	19.1	19.7
25-29 years	6,805	6,654	21.6	20.0
30-34 years	5,264	5,065	16.7	15.3
35-44 years	5,693	5,992	18.0	18.0
45-54 years	2,634	2,846	8.3	8.6
55-64 years	1,178	1,570	3.7	4.7
65 years and over	1,443	1,654	4.6	5.0
Males	15,482	16,512	49.0	49.7
15-19 years	1,168	1,297	3.7	3.9
20-24 years	2,779	3,089	8.8	9.3
25-29 years	3,435	3,415	10.9	10.3
30-34 years	2,647	2,606	8.4	7.8
35-44 years	2,980	3,147	9.4	9.5
45-54 years	1,292	1,499	4.1	4.5
55-64 years	621	786	2.0	2.4
65 years and over	561	673	1.8	2.0
Females	16,088	16,686	51.0	50.3
15-19 years	1,360	1,595	4.3	4.8
20-24 years	3,245	3,439	10.3	10.4
25-29 years	3,371	3,239	10.7	9.8
30-34 years	2,617	2,458	8.3	7.4
35-44 years	2,713	2,845	8.6	8.6
45-54 years	1,342	1,347	4.3	4.1
55-64 years	557	783	1.8	2.4
65 years and over	881	980	2.8	3.0

Table C. Recent Movers 15 Years of Age and Older from the SIPP and CPS, by Type of Move: 1991-92

(Includes all persons from the March 1992 CPS who moved during the preceding 12 months; includes only those persons from the 1992 SIPP whose last move was between April 1991 and March 1992. Based on weighted estimates)

	1992 Sipp Wave 2	March 1992 CPS
PERCENTS		
All movers	100.0	100.0
Same State	85.6	80.0
Same county	69.6	61.2
Different county	16.0	18.8
Different State	12.2	16.8
From abroad	2.2	3.2

Table D. Recent Movers 15 Years of Age and Older from the 1991 SIPP, by Month of Move and Whether or Not Month was Allocated: April 1991-March 1992 (Numbers in thousands)

Month moved	Percent of 1992 SIPP Wave 2 Movers	
	Including allocations	Excluding allocations
Total	100.0	100.0
April	6.3 *	6.7
May	6.0 *	6.2 *
June	9.0	9.1
July	7.8	7.7
August	10.8 *	11.0 *
September	8.8	8.8
October	10.4	10.9 *
November	8.0	8.6
December	6.6	7.3
January	9.5	8.4
February	8.6	7.8
March	8.3	7.4

* Statistically different from 8.33 at the 90-percent confidence level.

Evaluation of SIPP 1992 Wave 2 Fertility History Module

The Survey of Income and Program Participation (SIPP) 1992 Wave 2 Fertility History Module data appear to be of good quality and comparable to the Current Population Survey (CPS) data of the June 1992 Fertility Supplement and Vital Statistics. In both the SIPP and the CPS 3.6 million births were recorded. Even though data are consistent in both these surveys, the estimate of women who had a birth in the 12-month period are significantly less than 4.1 million births in the vital statistics records.

Distribution of children ever born from SIPP based on June–September 1992 Wave interviews are very similar to results based on the June 1992 CPS (Table 1). Nonresponse rates were significantly lower for ever-married women in SIPP relative to the CPS but were higher in SIPP for never-married women. This appears to be a consistent characteristic of SIPP data relative to CPS because of its smaller sample size than the CPS.

Current fertility data for women who had their last birth within one year of the interview date are shown in table 2. Comparable data are shown from the June 1992 CPS. Any apparent differences noted in the table are minimal and can easily be accounted for sampling error and due to differences in the time frame of the surveys. The main difference of demographic importance is the shortfall of number of births in both CPS and SIPP.

Estimates of annual number of first births from SIPP are shown in table 3 along with Vital Statistics data for the period 1960 to 1991. First birth data from the SIPP are categorized by place of birth of the mother; this is done to take into account any births reported by women in the survey which may have been born overseas and hence not recorded in the vital registration system. The place of birth of the mother was obtained from the Migration History Module of Wave 2. The quality of data on the number of births reported by women by recalling their fertility history in SIPP and compared birth registration of birth information recorded on the birth registration of birth information recorded on the birth certificates are very good (see SIPP 1992 panel). These small differences between these two data sets can be attributable to sample errors. The bottom panel of table 3 shows that 1990 SIPP data are erratic relative to the vital statistics. The improvement in the quality of SIPP data from 1990 to 1992 can be attributed to the revised survey weights based on 1990 Census. Comparable data shown for the June 1992 CPS were still based on 1980 Census weighting scheme.

Table 1. Percent Distribution of Children Ever Born and Births per 1,000 women by Age and Marital Status:
SIPP 1992 and June 1992 CPS

(Numbers in thousands)

Marital status, age and survey	Number	Total	None	1	2	3	4	5-6	7+	Births per 1,000	Percent imputed(1)
ALL WOMEN											
SIPP											
15 to 19 years	8,535	100.0	91.3	7.5	0.9	0.2	0.1	-	-	101	9.2
20 to 24 years	9,592	100.0	65.6	20.7	10.2	2.4	0.9	0.2	-	530	10.3
25 to 29 years	10,262	100.0	42.4	23.1	22.0	9.1	2.5	0.8	0.1	1,092	7.5
30 to 34 years	11,282	100.0	24.1	21.1	32.8	14.8	4.8	1.9	0.4	1,635	5.6
35 to 39 years	10,697	100.0	18.9	17.0	36.1	17.6	7.1	2.5	0.7	1,892	5.0
40 to 44 years	9,580	100.0	16.4	17.3	37.3	18.6	6.9	2.7	0.7	1,953	6.2
45 to 64 years	24,824	100.0	10.8	10.9	27.4	22.2	13.9	10.3	4.6	2,804	6.3
CPS											
15 to 19 years	8,186	100.0	92.7	5.9	1.2	0.2	-	-	-	90	6.6
20 to 24 years	9,086	100.0	65.9	19.9	10.1	3.0	0.9	0.2	-	536	5.2
25 to 29 years	10,039	100.0	41.3	24.4	21.8	8.3	2.8	1.3	0.1	1,112	6.0
30 to 34 years	11,248	100.0	26.1	21.1	31.7	14.3	4.8	1.9	0.2	1,575	6.6
35 to 39 years	10,637	100.0	18.8	18.0	34.9	18.6	6.6	2.7	0.4	1,869	7.5
40 to 44 years	9,416	100.0	15.7	17.3	36.6	19.0	7.0	3.6	0.8	2,012	9.8
EVER MARRIED											
SIPP											
15 to 19 years	274	100.0	44.8	48.5	6.6	-	-	-	-	618	6.7
20 to 24 years	3,108	100.0	34.6	36.4	21.6	5.3	1.5	0.5	-	1,040	7.0
25 to 29 years	7,029	100.0	29.3	27.4	28.2	11.3	2.8	0.8	0.1	1,343	5.0
30 to 34 years	9,333	100.0	16.2	21.8	37.8	16.8	5.2	1.9	0.4	1,810	4.6
35 to 39 years	9,425	100.0	12.8	17.0	40.1	19.1	7.9	2.5	0.6	2,038	4.7
40 to 44 years	8,717	100.0	11.1	17.5	40.4	20.0	7.5	2.8	0.7	2,088	5.8
45 to 64 years	23,536	100.0	7.6	11.0	28.4	23.0	14.6	10.7	4.7	2,910	6.3
CPS											
15 to 19 years	339	100.0	43.7	46.3	9.1	1.0	-	-	-	673	4.3
20 to 24 years	3,064	100.0	38.2	34.3	19.8	5.6	1.7	0.4	-	994	5.1
25 to 29 years	6,780	100.0	27.5	29.8	27.6	10.6	3.2	1.1	0.1	1,362	5.7
30 to 34 years	9,050	100.0	17.0	22.6	36.9	16.3	5.3	1.8	0.1	1,767	6.5
35 to 39 years	9,337	100.0	12.4	18.7	38.3	20.5	7.0	2.8	0.3	2,020	7.7
40 to 44 years	8,690	100.0	10.8	17.8	39.1	20.3	7.5	3.7	0.8	2,130	9.8
NEVER MARRIED											
SIPP											
15 to 19 years	8,261	100.0	92.9	6.1	0.7	0.2	0.1	-	-	84	9.3
20 to 24 years	6,484	100.0	80.5	13.1	4.7	1.0	0.6	0.1	-	286	12.0
25 to 29 years	3,234	100.0	71.0	13.8	8.6	4.1	1.7	0.8	-	546	12.9
30 to 34 years	1,949	100.0	62.2	18.0	8.9	5.5	2.7	2.2	0.5	794	10.7
35 to 39 years	1,273	100.0	64.2	17.2	6.8	5.8	1.8	3.0	1.3	809	7.3
40 to 44 years	863	100.0	70.5	15.5	6.5	4.3	1.1	1.7	0.5	584	10.4
45 to 64 years	1,288	100.0	69.9	7.9	9.2	6.0	1.8	2.9	2.4	867	7.8
CPS											
15 to 19 years	7,847	100.0	94.8	4.2	0.9	0.2	-	-	-	65	6.7
20 to 24 years	6,023	100.0	80.0	12.6	5.2	1.6	0.5	0.1	-	303	5.2
25 to 29 years	3,259	100.0	69.9	13.3	9.8	3.4	2.0	1.5	-	591	6.6
30 to 34 years	2,199	100.0	63.5	14.8	10.3	6.4	2.4	2.2	0.3	786	6.9
35 to 39 years	1,300	100.0	65.2	13.0	10.6	5.1	3.8	1.9	0.5	782	5.8
40 to 44 years	726	100.0	74.5	10.6	6.9	3.4	1.5	1.9	1.3	596	9.3

- Base too small to show derived measure or not applicable
(1) Imputation rates based on unweighted number of cases

Source: SIPP Wave 2 Fertility History Module 1992 and June Current Population Survey, 1992.

Table 2. Women Who Have Had a Child in the Last Year per 1,000 Women, by Selected Characteristics:
SIPP 1992 and CPS June 1992

(Numbers in thousands)

	SIPP 1992				June 1992			
	Women who had a child in the last year		Women who had a child in the last year		Women who had a child in the last year		Women who had a child in the last year	
	Number of women	Percent childless	Number	Total births per 1,000	Number of women	Percent childless	Number	Total births per 1,000
Total	59,948	41.3	3,695	61.6	58,614	41.2	3,688	62.9
AGE								
15 to 29 years old	28,390	65.0	2,379	83.8	27,312	64.9	2,346	85.9
15 to 19 years old	8,535	91.3	352	41.2	8,186	92.7	311	38.0
20 to 24 years old	9,592	65.6	950	99.0	9,086	65.9	940	103.4
25 to 29 years old	10,262	42.4	1,078	105.0	10,039	41.3	1,094	109.0
30 to 44 years old	31,559	20.0	1,316	41.7	31,302	20.5	1,342	42.9
30 to 34 years old	11,282	24.1	914	81.0	11,248	26.1	856	76.1
35 to 39 years old	10,697	18.9	341	31.9	10,637	18.8	404	38.0
40 to 44 years old	9,580	16.4	61	6.3	9,416	15.7	82	8.7
RACE								
White	48,864	42.4	2,891	59.2	48,157	42.1	2,966	61.6
Black	8,405	33.8	653	77.7	8,017	34.4	555	69.2
Asian or Pacific Islander	2,141	46.9	116	54.2	1,827	47.7	116	63.5
HISPANIC								
Hispanic(1)	6,190	35.6	594	96.0	5,555	34.0	529	95.2
Not Hispanic	53,759	42.0	3,101	57.7	53,059	41.9	3,159	59.5
MARITAL STATUS								
Currently married	32,165	18.5	2,740	85.2	31,878	18.1	2,795	87.7
Married, husband present	29,718	19.0	2,539	85.5	29,531	18.2	2,642	89.5
Married, husband absent(2)	2,447	13.1	200	81.9	2,347	16.5	153	65.1
Widowed or divorced	5,721	17.2	148	25.8	5,383	19.3	144	26.7
Never married	22,063	80.8	807	36.6	21,354	81.1	749	35.1
EDUCATIONAL ATTAINMENT								
Less than high school	12,468	52.4	871	69.9	12,159	52.6	813	66.8
High school, 4 years	21,714	30.6	1,350	62.2	19,063	29.1	1,240	65.1
College: 1 or more years	25,766	44.9	1,474	57.2	27,392	44.5	1,635	59.7
1 to 3 years	14,435	43.0	794	55.0	16,404	43.3	949	57.9
4 or more years	11,331	47.4	680	60.0	10,987	46.1	686	62.4
OCCUPATION								
Managerial and professional	10,097	45.3	438	43.4	9,923	43.4	463	46.7
Technical, sales, and admin. support	18,374	43.3	725	39.4	16,818	44.8	782	46.5
Service occupations	7,831	41.3	336	42.8	7,102	43.7	325	45.7
Farming, forestry, and fishing	352	41.9	18	51.5	512	36.6	22	43.7
Precision prod., craft and repair	631	28.6	35	55.6	738	32.5	32	43.6
Operators, fabricators, and laborers	3,413	32.2	143	41.8	3,047	33.2	95	31.2
REGION OF RESIDENCE								
Northeast	11,692	45.6	656	56.1	11,831	44.1	722	61.0
Midwest	14,606	40.1	967	66.2	14,159	42.3	859	60.6
South	21,205	39.1	1,291	60.9	20,276	39.0	1,268	62.5
West	12,445	42.5	780	62.7	12,348	40.7	840	68.0

Table 2. Women Who Have Had a Child in the Last Year per 1,000 Women, by Selected Characteristics:
SIPP 1992 and CPS June 1992—Con.

(Numbers in thousands)

	SIPP 1992				June 1992			
	Women who had a child in the last year				Women who had a child in the last year			
	Number of women	Percent childless	Number	Total births per 1,000	Number of women	Percent childless	Number	Total births per 1,000
METROPOLITAN RESIDENCE								
Metropolitan	47,278	42.6	2,945	62.3	46,341	42.5	2,947	63.6
In central cities	18,879	43.4	1,271	67.3	18,427	43.7	1,276	69.2
Outside central cities	28,399	42.0	1,674	59.0	27,914	41.7	1,671	59.9
Nonmetropolitan	12,670	36.6	750	59.2	12,273	36.2	741	60.4

(1) Persons of Hispanic origin may be of any race.

(2) Includes separated women.

Source: SIPP Wave 2 Fertility History Module 1992 and June Current Population Survey, 1992.

Table 3. Number of First Births: SIPP 1992 and Vital Statistics, 1960-91

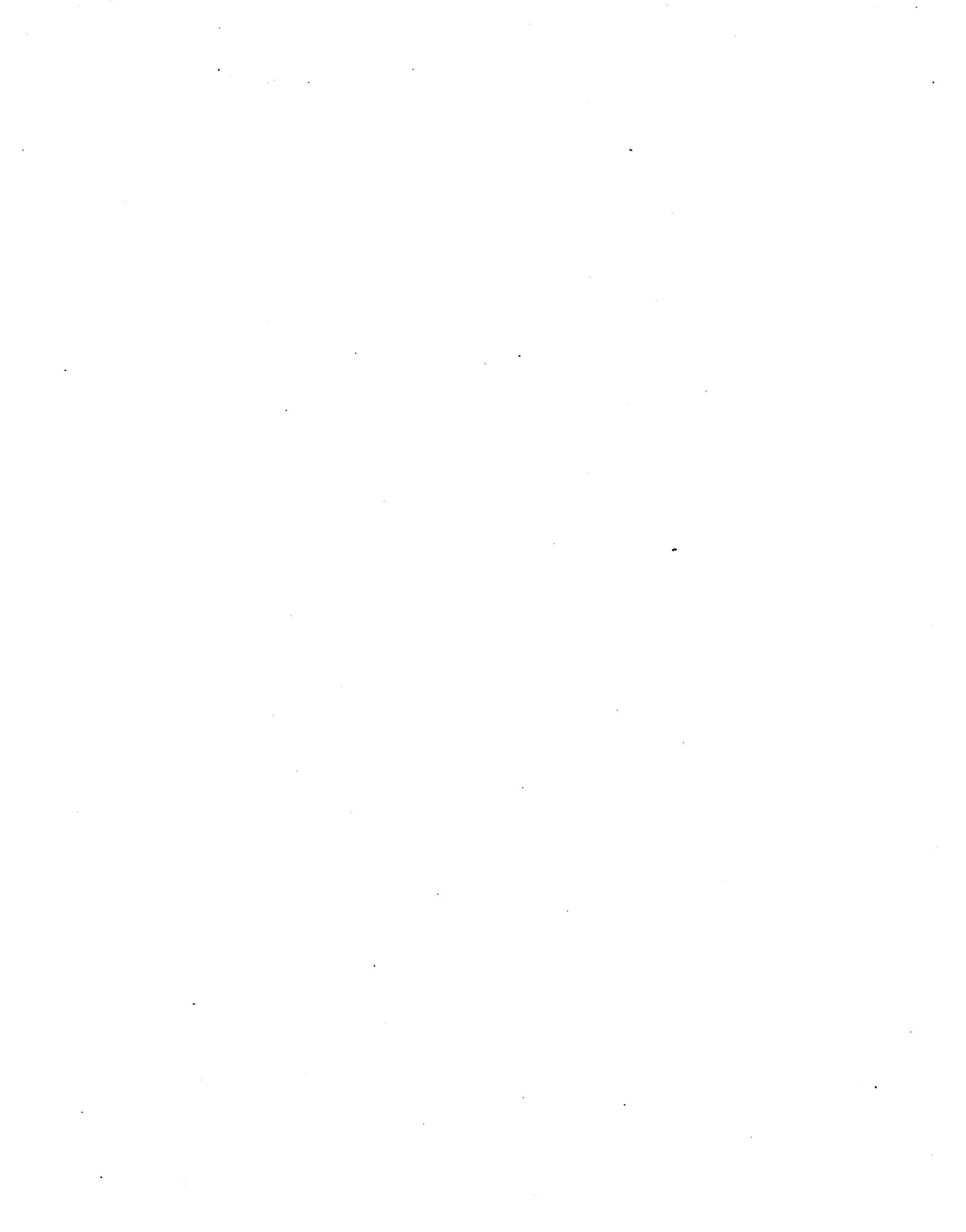
(Numbers in thousands)

Year	SIPP estimate of births				
	Births in U.S.			Births Outside U.S.	
	Vital statistics	Total	Native born(1)	Alien in U.S.(2)	Alien(3)
1992 Panel					
1991-92	3,355	3,290	2,884	406	10
1985-89	7,922	7,962	7,401	561	214
1980-84	7,717	7,919	7,416	503	249
1975-79	6,911	7,168	6,776	392	262
1970-74	6,653	7,105	6,693	412	272
1965-69	6,273	6,010	5,789	221	204
1960-64	5,563	5,393	5,163	230	168
1990 Panel					
1985-89	7,922	7,266	6,515	751	122
1980-84	7,717	8,488	7,783	705	344
1975-79	6,911	6,458	5,926	532	500
1970-74	6,653	6,992	6,652	340	522
1965-69	6,273	5,845	5,547	298	398
1960-64	5,563	5,395	5,198	197	507

(1) Includes women born in outlying areas and born abroad of American parents.

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

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



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 disability of less than 100%

APPENDIX A-2

Income Sources Included in Monthly Cash Income

Earnings from Employment

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

Income from Assets (Property Income)

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

Other Income Sources

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

SIPP FILES

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

APPENDIX A-3

Sources of Means-Tested Benefits Covered in SIPP

Cash Benefits

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

Noncash Benefits

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

APPENDIX A-4

1980 Census of Population Occupation Classification System

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

MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS

1980
Code

Executive, Administrative, and Managerial Occupations

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

Professional Specialty Occupations

Engineers, Architects, and Surveyors

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

SIPP FILES

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

137	Art, drama, and music teachers (2235)
138	Physical education teachers (2236)
139	Education teachers (2237)
143	English teachers (2238)
144	Foreign language teachers (2242)
145	Law teachers (2243)
146	Social work teachers (2244)
147	Theology teachers (2245)
148	Trade and industrial teachers (2246)
149	Home economics teachers (2247)
153	Teachers, postsecondary, n.e.c. (2249)
154	Postsecondary teachers, subject not specified
	Teachers, Except Postsecondary
155	Teachers, prekindergarten and kindergarten (231)
N(156)	Teachers, elementary school (232)
P(157)	Teachers, secondary school (233)
158	Teachers, special education (235)
159	Teachers, n.e.c. (236, 239)
163	Counselors, educational and vocational (24)
	Librarians, Archivists, and Curators
164	Librarians (251)
165	Archivists and curators (252)
	Social Scientists and Urban Planners
166	Economists (1912)
167	Psychologists (1915)
168	Sociologists (1916)
169	Social scientists, n.e.c. (1913, 1914, 1919)
173	Urban planners (192)
	Social, Recreation, and Religious Workers
174	Social workers (2032)
175	Recreation workers (2033)
176	Clergy (2042)
177	Religious workers, n.e.c. (2049)
	Lawyers and Judges
178	Lawyers (211)
179	Judges (212)
	Writers, Artists, Entertainers, and Athletes
183	Authors (321)
184	Technical writers (398)
185	Designers (322)
186	Musicians and composers (323)
187	Actors and directors (324)
188	Painters, sculptors, craft-artists, and artist printmakers (325)
189	Photographers (326)
193	Dancers (327)
194	Artists, performers, and related workers, n.e.c. (328, 329)
195	Editors and reporters (331)
197	Public relations specialists (332)
198	Announcers (333)
199	Athletes (34)

TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS**Technicians and Related Support Occupations****Health Technologists and Technicians**

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

Technologists and Technicians, Except Health**Engineering and Related Technologists and Technicians**

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

Science Technicians

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

Technicians; Except Health, Engineering, and Science

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

Sales Occupations

- 243 Supervisors and proprietors, sales occupations (40)
- Sales Representatives, Finance and Business Services
 - 253 Insurance sales occupations (4122)
 - 254 Real estate sales occupations (4123)
 - 255 Securities and financial services sales occupations (4124)
 - 256 Advertising and related sales occupations (4153)
 - 257 Sales occupations, other business services (4152)
- Sales Representatives, Commodities Except Retail
 - 258 Sales engineers (421)
 - 259 Sales representatives, mining, manufacturing, and wholesale (423, 424)
- Sales Workers, Retail and Personal Services
 - 263 Sales workers, motor vehicles and boats (4342, 4344)
 - 264 Sales workers, apparel (4346)
 - 265 Sales workers, shoes (4351)
 - 266 Sales workers, furniture and home furnishings (4348)
 - 267 Sales workers; radio, TV, hi-fi, and appliances (4343, 4352)
 - 268 Sales workers, hardware and building supplies (4353)
 - 269 Sales workers, parts (4367)
 - 274 Sales workers, other commodities (4345, 4347, 4354, 4356, 4359, 4362, 4369)
 - 275 Sales counter clerks (4363)
 - Q(276) Cashiers (4364)
 - 277 Street and door-to-door sales workers (4366)

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

Administrative Support Occupations, Including Clerical

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

SIPP FILES

363	Production coordinators (4752)
364	Traffic, shipping, and receiving clerks (4753)
365	Stock and inventory clerks (4754)
366	Meter readers (4755)
368	Weighers, measurers, and checkers (4756)
369	Samplers (4757)
373	Expediteurs (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)

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

OPERATORS, FABRICATORS, AND LABORERS

Machine Operators, Assemblers, and Inspectors

Machine Operators and Tenders, except Precision

Metal working and Plastic Working Machine Operators

- 703 Lathe and turning machine set-up operators (7312)
- 704 Lathe and turning machine operators (7512)
- 705 Milling and planing machine operators (7313, 7513)
- 706 Punching and stamping press machine operators (7314, 7317, 7514, 7517)
- 707 Rolling machine operators (7316, 7516)
- 708 Drilling and boring machine operators (7318, 7518)
- 709 Grinding, abrading, buffing, and polishing machine operators (7322, 7324, 7522)
- 713 Forging machine operators (7319, 7519)
- 714 Numerical control machine operators (7326)
- 715 Miscellaneous metal, plastic, stone, and glass working machine operators (7329, 7529)
- 717 Fabricating machine operators, n.e.c. (7339, 7539)

Metal and Plastic Processing Machine Operators

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

Woodworking Machine Operators

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

Printing Machine Operators

- 734 Printing machine operators (7443, 7643)
- 735 Photoengravers and lithographers (6842, 7444, 7644)
- 736 Typesetters and compositors (6841, 7642)
- 737 Miscellaneous printing machine operators (6849, 7449, 7649)

Textile, Apparel, and Furnishings Machine Operators

- 738 Winding and twisting machine operators (7451, 7651)
- 739 Knitting, looping, taping, and weaving machine operators (7452, 7652)
- 743 Textile cutting machine operators (7654)
- 744 Textile sewing machine operators (7655)
- 745 Shoe machine operators (7656)
- 747 Pressing machine operators (7657)
- 748 Laundering and dry cleaning machine operators (6855, 7658)
- 749 Miscellaneous textile machine operators (7459, 7659)

Machine Operators, Assorted Materials

- 753 Cementing and gluing machine operators (7661)
- 754 Packaging and filling machine operators (7462, 7662)
- 755 Extruding and forming machine operators (7463, 7663)
- 756 Mixing and blending machine operators (7664)
- 757 Separating, filtering, and clarifying machine operators (7476, 7666, 7676)
- 758 Compressing and compacting machine operators (7467, 7667)
- 759 Painting and paint spraying machine operators (7669)
- 763 Roasting and baking machine operators, food (7472, 7672)
- 764 Washing, cleaning, and pickling machine operators (7673)
- 765 Folding machine operators (7474, 7674)
- 766 Furnace, kiln, and oven operators, exc. food (7675)
- 768 Crushing and grinding machine operators (pt 7477, pt 7677)
- 769 Slicing and cutting machine operators (7478, 7678)
- 773 Motion picture projectionists (pt 7479)
- 774 Photographic process machine operators (6863, 6868, 7671)
- 777 Miscellaneous machine operators, n.e.c. (pt 7479, 7665, 7679)
- 779 Machine operators, not specified

Fabricators, Assemblers, and Hand Working Occupations

- 783 Welders and cutters (7332, 7532, 7714)
- 784 Solderers and brazers (7333, 7533, 7717)
- 785 Assemblers (772, 774)
- 786 Hand cutting and trimming occupations (7753)
- 787 Hand molding, casting, and forming occupations (7754, 7755)
- 789 Hand painting, coating, and decorating occupations (7756)
- 793 Hand engraving and printing occupations (7757)
- 794 Hand grinding and polishing occupations (7758)
- 795 Miscellaneous hand working occupations (7759)

Production Inspectors, Testers, Samplers, and Weighers

- 796 Production inspectors, checkers, and examiners (782, 787)
- 797 Production testers (783)
- 798 Production samplers and weighers (784)
- 799 Graders and sorters, exc. agricultural (785)

Transportation and Material Moving Occupations**Motor Vehicle Operators**

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

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

Handlers, Equipment Cleaners, Helpers, and Laborers

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

APPENDIX A-5

1980 Census of Population Industry Classification System

(Alphabets parentheses are the 1972 SIC code equivalents 1)

Census
Code

AGRICULTURE, FORESTRY, AND FISHERIES

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

MINING

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

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

MANUFACTURING

Nondurable Goods

Food and kindred products

- 100 Meat products (201)
- 101 Dairy products (202)
- 102 Canned and preserved fruits and vegetables (203)
- 110 Grain mill products (204)
- 111 Bakery products (205)
- 112 Sugar and confectionery products (206)
- 120 Beverage industries (208)
- 121 Miscellaneous food preparations and kindred products (207, 209)
- 122 Not specified food industries
- 130 Tobacco manufactures (21)

Textile mill products

- 132 Knitting mills (225)
- 140 Dyeing and finishing textiles, except wool and knit goods (226)
- 141 Floor coverings, except hard surface (227)
- 142 Yarn, thread, and fabric mills (221-224, 228)
- 150 Miscellaneous textile mill products (229)

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

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- 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)

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- 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 establishments¹ establishments (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)

SIPP FILES

791 Miscellaneous personal services (722, part 729)

ENTERTAINMENT AND RECREATION SERVICES

800 Theaters and motion pictures (78, 792)

801 Bowling alleys, billiard and pool parlors (793)

802 Miscellaneous entertainment and recreation services (791, 794, 799)

PROFESSIONAL AND RELATED SERVICES

812 Offices of physicians (801, 803)

820 Offices of dentists (802)

821 Offices of chiropractors (8041)

822 Offices of optometrists (8042)

830 Offices of health practitioners, n.e.c. (8049)

831 (K) Hospitals (806)

832 Nursing and personal care facilities (805)

840 Health services, n.e.c. (807, 808, 809)

841 Legal services (81)

842 (L) Elementary and secondary schools (821)

850 (M) Colleges and universities (822)

851 Business, trade, and vocational schools (824)

852 Libraries (823)

860 Educational services, n.e.c. (829)

861 Job training and vocational rehabilitation services (833)

862 Child day care services (835)

870 Residential care facilities, without nursing (836)

871 Social services, n.e.c. (832, 839)

872 Museums, art galleries, and zoos (84)

880 Religious organizations (866)

881 Membership organizations (861-865, 869)

882 Engineering, architectural, and surveying services (891)

890 Accounting, auditing, and bookkeeping services (893)

891 Noncommercial educational and scientific research (892)

892 Miscellaneous professional and related services (899)

PUBLIC ADMINISTRATION

900 Executive and legislative offices (911-913)

901 General government, n.e.c. (919)

910 Justice, public order, and safety (92)

921 Public finance, taxation, and monetary policy (93)

922 Administration of human resources programs (94)

930 Administration of environmental quality and housing programs (95)

931 Administration of economic programs (96)

932 National security and international affairs (97)

991 Member of the Armed Forces

8 ADDRESS (Sheet _____ Line _____) 8a What is your exact address? House number, street, Apt. number, or other identification Place _____ County _____ State _____ ZIP Code _____		8c Special place name 8d Type code _____ 8e Sample number _____		OFFICE USE ONLY		INTRODUCTION 11 GEOGRAPHIC LOCATION <i>FILL ON MOVER'S NEW CONTROL CARD</i> 11a Is (the) address within the limits of a city, town, or village? 1 <input type="checkbox"/> Yes - What is the name? _____ 2 <input type="checkbox"/> No - Not within the limits of a city, town, or village	
8b Is this also your mailing address? <input type="checkbox"/> Yes <input type="checkbox"/> No - Specify below Route number, P.O. Box, or other identification Place _____ County _____ State _____ ZIP Code _____		9 YEAR BUILT <input type="checkbox"/> Ask first visit <input type="checkbox"/> DO NOT ASK When was this structure originally built? <input type="checkbox"/> Before 4-1-80 - Continue interview <input type="checkbox"/> After 4-1-80 - Complete item 10c when required. END INTERVIEW		10 COVERAGE QUESTIONS <input type="checkbox"/> Ask items marked <input type="checkbox"/> DO NOT ASK 10a Are there any occupied or vacant living quarters besides your own in this building? <input type="checkbox"/> Yes - Fill Table X <input type="checkbox"/> No 10b Are there any occupied or vacant living quarters besides your own on this floor? <input type="checkbox"/> Yes - Fill Table X <input type="checkbox"/> No 10c Is there any other building on this property for people to live in - either occupied or vacant? <input type="checkbox"/> Yes - Fill Table X <input type="checkbox"/> No		11b Address is: 1 <input type="checkbox"/> Within a SPP PSU 2 <input type="checkbox"/> 0-24 3 <input type="checkbox"/> 25-49 4 <input type="checkbox"/> 50-74 5 <input type="checkbox"/> 75-100 6 <input type="checkbox"/> 100+ } Miles from a SPP PSU	
13 CLASSIFICATION OF LIVING QUARTERS - Mark by observation 13a FIELD REPRESENTATIVE CHECK ITEM Unit is: 1 <input type="checkbox"/> In a Special Place - Refer to Table A in Part C of manual and mark appropriate box in either 13c or 13d 2 <input type="checkbox"/> NOT in a Special Place 13b ACCESS 1 <input type="checkbox"/> Direct - Go to item 13c 2 <input type="checkbox"/> Through another unit - Not a separate HU; combine with unit through which access is gained. Apply merged unit procedures if appropriate.		13c HOUSING unit 1 <input type="checkbox"/> House, apartment, flat 2 <input type="checkbox"/> HU, in nontransient hotel, motel, etc. 3 <input type="checkbox"/> HU, permanent in transient hotel, motel, etc. 4 <input type="checkbox"/> HU, in rooming house 5 <input type="checkbox"/> Mobile home or trailer with NO permanent room added 6 <input type="checkbox"/> Mobile home or trailer with one or more permanent rooms added 7 <input type="checkbox"/> HU not specified above - Describe in notes		13d OTHER unit 8 <input type="checkbox"/> Quarters not HU in rooming or boarding house 9 <input type="checkbox"/> Unit not permanent in transient hotel, motel, etc. 10 <input type="checkbox"/> Unoccupied site for mobile home, trailer, or tent 11 <input type="checkbox"/> OTHER unit not specified above - Describe in notes		14 UNITS IN STRUCTURE ASK IF NOT APPARENT - How many housing units, both occupied and vacant, are there in this structure? 1 <input type="checkbox"/> Only OTHER units 2 <input type="checkbox"/> Mobile home or trailer 3 <input type="checkbox"/> One, detached 4 <input type="checkbox"/> One, attached 5 <input type="checkbox"/> Two 6 <input type="checkbox"/> 3-4 7 <input type="checkbox"/> 5-9 8 <input type="checkbox"/> 10-19 9 <input type="checkbox"/> 20-49 10 <input type="checkbox"/> 50 or more	
15 TENURE Are your living quarters - 1 <input type="checkbox"/> Owned or being bought by you or someone in your household? 2 <input type="checkbox"/> Rented for cash? 3 <input type="checkbox"/> Occupied without payment of cash rent?		16 CHARACTERISTICS OF UNIT - UPDATE/VERIFY EACH WAVE 16a Is this residence in a public housing project, that is, is it owned by a local housing authority? 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No x1 <input type="checkbox"/> DK		16b During the past 12 months did sales of crops, livestock, and other farm products from this place amount to \$1,000 or more? 1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No			
36 HOUSEHOLD FINAL INTERVIEW STATUS - Complete after interview Wave Code If codes 06, 16, or 22, specify (a) (b) (c) 1 2 3 4 5 6 7 8		37 CHARACTERISTICS OF TYPE A OR D HOUSEHOLD Verify for each wave assigned. 37a Race of reference person - Enter code from flashcard 37b Sex of reference person 1 <input type="checkbox"/> Male 2 <input type="checkbox"/> Female 37c Size of household - Count all children and adults		38 RECORD OF VISITS, CONTROL CARD RESPONDENT PERSON NUMBER AND APPOINTMENTS Wave Month Day Personal visits Telephone calls cc respondent person number O - Obsvd. R - Reint. Appointment time and date NA - No appointment Field Representative name (a) (b) (c) Tally Total Tally Total (h) (i) (j) (k)			
39 FUTURE CONTACTS - Read Flashcard T and fill 39a-c. Verify and update for Waves 2-8. If additional contacts required, use page 4. 39a What is your telephone number? <input type="checkbox"/> Refused <input type="checkbox"/> None () 39b What is the best time to call or visit? a.m. _____ p.m. _____ 39c Please give me the name, address, and telephone number of a close relative or friend who would know how to reach you if we are unable to contact you. Name _____ Relationship to person no. _____ Address (No., St., Apt. No., City, State, ZIP code) _____ Telephone number (include area code) _____		CODES FOR HOUSEHOLD INTERVIEW STATUS Wave 1 interview status 01 - Interviewed Type A - Noninterview 02 - No one home 03 - Temporarily absent 04 - Refused 05 - Unable to locate 06 - Other - Specify Type B - Noninterview 07 - Vacant 10 - Occupied by persons with URE 11 - Unit or to be demolished 12 - Under construction, not ready 13 - Converted to temporary business or storage 14 - Unoccupied site for mobile home, trailer, or tent 15 - Permit granted, construction not started 16 - Other - Specify Type C - Noninterview 17 - Demolished 18 - House or trailer moved 19 - Converted to permanent business or storage 20 - Merged 21 - Condemned 22 - Other - Specify Wave 2-8 interview status 01 - Interviewed Type A - Noninterview 02 - No one home 03 - Temporarily absent 04 - Refused 05 - Unable to locate 06 - Other - Specify Type B - Noninterview 16 - Entire HH institutionalized or temporarily ineligible 26 - All sample persons related on new Control Cards (On old cc enter "26" in item 36) Type C - Noninterview 23 - Deleted (sample adjustment, error) 24 - Entire household deceased, moved out of country, or living in armed forces barracks Type D - Noninterview 25 - Moved, address unknown 26 - Moved within country beyond limit					

8-1

1 CONTROL NUMBER		3 CHECK DIGIT		4 SEGMENT TYPE		5a Field Rep. code		5b Letter sent		6a EXTRA UNIT Original unit serial number		6b Sheet ___ Line ___		6c OFFICE USE ONLY		7 Wave for which Control Card first prepared		8 FORM B1PP-12001 (6-10-91)		9 CONTROL CARD SURVEY OF INCOME AND PROGRAM PARTICIPATION		10 U.S. DEPARTMENT OF COMMERCE BUREAU OF THE CENSUS	
R O CODE	PSU	Segment	Sag. suf.	Serial	Sample	1 Address	2 Area	3 Unit	4 Special place	5a	5b	6a	6b	6c	7	8	9	10	11	12	13	14	15

HOUSEHOLD RECORD (Card ___ of ___)

<p>17 ENTRY ADDRESS ID</p> <p>18 PERSON NUMBER</p> <p>Assign 101, 102, etc. for wave 1; 201, 202, etc. for wave 2</p>										<p>19a HOUSEHOLD ROSTER</p> <p>FIRST INTERVIEW AT WAVE 1 ADDRESS --</p> <p>What are the names of all persons living or staying here? Start with the name of the person or one of the persons who (owns, rents) this home. Please include middle and maiden names. (Leave one blank space between each part of name)</p> <p>FIRST INTERVIEW AT MOVER'S NEW ADDRESS for mover's new address --</p> <p>Fill items 17-19a before the interview.</p> <p>Last, First, Middle, Maiden</p>										<p>19b RELATIONSHIP TO REFERENCE PERSON (RP)</p> <p>Ask if not apparent: What is ...'s relationship to (read name of RP)</p> <p>Example: Reference person, wife or husband, son, daughter, son-in-law, sister, foster son, partner, lodger, lodger's wife</p> <p>See codes on page 4</p>										<p>20 HOUSEHOLD MEMBER</p> <p>Does ... usually live here?</p> <p>1-Yes 2-No</p> <p>Probe for URE</p>										<p>23 DATE ENTERED ON LEFT</p> <p>Complete if instructed by item 21, enter code and date</p> <p>See codes on page 4</p>										<p>24 BIRTH DATE/AGE</p> <p>a. What is ...'s date of birth?</p> <p>Example: 01-20-1963 12-01-1924</p> <p>Verify age using Flashcard G</p> <p>b. ... is now (read age) years old, is that correct?</p>										<p>25 PERSON NUMBER OF PARENT</p> <p>Refer to 18 and 19b. If none enter "999"</p>										<p>26a MARITAL STATUS</p> <p>Is ... now --</p> <p>1-Married 2-Sp. Pres. 3-Widowed 4-Divorced 5-Separated OR 6-Never married?</p> <p>First Update code code</p>										<p>26b DESIGNATED PARENT OR GUARDIAN</p> <p>For "Never married" persons under 18. If no parent, ask: Who in this household is responsible for ...?</p> <p>Enter person number</p>										<p>27 SEX</p> <p>Ask if not apparent: Is ...</p> <p>1-Male or 2-Female?</p>										<p>28 RACE</p> <p>What is the race of each person in this household?</p> <p>See codes on page 4</p>										<p>29 ORIGIN</p> <p>SHOW FLASH-CARD H</p> <p>What is the origin of each person in this household?</p> <p>See codes on page 4</p>										<p>30 GO TO ITEM</p>									
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<p>21 HOUSEHOLD ROSTER COVERAGE</p> <p>• WAVE 1 INTERVIEW</p> <p>21a I have listed (Read names from item 19a). Have I missed -- If "Yes," to any of the following, ask name and complete items 17-20 above</p> <p>- Any babies or small children? PGM 4</p> <p>- Any lodgers, boarders, or persons you employ who live here?</p> <p>- Anyone who usually lives here but is away now -- traveling, at school, or in a hospital?</p> <p>- Anyone else staying here?</p> <p>• FIRST INTERVIEW AT MOVER'S NEW ADDRESS</p> <p>21b I have listed ... (Read names from item 19a), as now living at this address. Is this correct? If NO, ask -- Which person did not move here?</p> <p>21c When did ... move in here? Enter appropriate code and date in item 23</p> <p>21d Is there anyone else living or staying here now? If YES, ask name and complete items 17-19a; then ask When did ... begin living here? If moved in before sample period(s), enter code "04" in item 23 and omit date. If moved in at the same time or after sample period(s), enter appropriate code and date in item 23</p> <p>21e Which of these persons (own/rents) this home? Assign as reference person in item 19b</p>										<p>• SUBSEQUENT INTERVIEWS</p> <p>21f I have listed ... (Read names from item 19a). Are all of these persons still living or staying here? If NO, ask: Who no longer lives here? When did ... leave? Enter appropriate code and date left in item 23. Probe, if necessary, for reason left: If entire household moved, mark "No" in item 21g, complete item 23, determine new address (Item 34), and end interview.</p> <p>21g Is anyone else living or staying here, including new born babies? If YES, ask name and complete items 17-20 above, then ask: When did ... begin living here? Enter appropriate code and date in item 23. Anyone else?</p>										<p>22 HOUSING UNIT COVERAGE -- WAVE 1 INTERVIEW</p> <p>22a FIELD REPRESENTATIVE CHECK ITEM</p> <p>Unit is: <input type="checkbox"/> In a special place -- SKIP to 24 above <input type="checkbox"/> Not in a special place ASK 22b</p> <p>Ask if not apparent: 22b Do all persons in this household live OR eat together?</p> <p><input type="checkbox"/> Yes -- ASK 22c <input type="checkbox"/> No, neither live nor eat together. Fill table X for the person or group of persons not living or eating with RP</p>										<p>22c Does any other household on the property live OR eat with this household?</p> <p><input type="checkbox"/> Yes -- Redefine the unit to include space occupied by all persons who live or eat together. Apply merged unit procedures if appropriate. GO TO ITEM 24 ABOVE</p> <p><input type="checkbox"/> No</p>									
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

<p>31a PERSON NUMBER</p> <p>Enter person number from item 18</p>										<p>31b EDUCATION</p> <p>What is the highest grade or year of regular school ... has ever attended?</p> <p>00 -- Never attended or kindergarten</p> <p>01-08 -- Elementary</p> <p>09-12 -- High school</p> <p>21-26 -- College (Academic)</p> <p>First code Update code</p>										<p>31c ARMED FORCES</p> <p>Did ... ever serve on active duty in the U.S. Armed Forces?</p> <p>1-Yes 2-No</p> <p>Let code 1st code 2nd code 3rd code</p>										<p>32a SOCIAL SECURITY</p> <p>What is ...'s Social Security (or Railroad Retirement) number?</p> <p>If don't know ask: If I call back, would ... be able to provide this information? If "Yes," mark Reminder Card.</p>										<p>33a Nonresponse</p> <p>Mark the appropriate box</p> <p>1-Don't know 2-Refusal 3-None</p>									
---	--	--	--	--	--	--	--	--	--	---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

FIELD REPRESENTATIVE: Go to first questionnaire interview

TRANSCRIPTION ITEMS (Card _____ of _____)

FIELD REPRESENTATIVE INSTRUCTIONS

These columns are to be filled after the interview. Fill a column for each household member listed in Household Roster who is age 15 or older.

C O L.		40 Person number	41 Name								C O L.		40 Person number	41 Name								C O L.		40 Person number	41 Name							
		Respondent person number	W1	W2	W3	W4	W5	W6	W7	W8			Respondent person number	W1	W2	W3	W4	W5	W6	W7	W8			Respondent person number	W1	W2	W3	W4	W5	W6	W7	W8
Emp'l I.D.		42 NAME OF EMPLOYER								Emp'l I.D.		42 NAME OF EMPLOYER								Emp'l I.D.		42 NAME OF EMPLOYER										
1		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
2		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
3		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
4		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Bus. I.D.		43 NAME OF BUSINESS/FARM								Bus. I.D.		43 NAME OF BUSINESS/FARM								Bus. I.D.		43 NAME OF BUSINESS/FARM										
1		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
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Line No.		44 PERSON INTERVIEW STATUS								Line No.		44 PERSON INTERVIEW STATUS								Line No.		44 PERSON INTERVIEW STATUS										
0		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
1		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
2		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Line No.		45 INCOME SOURCES (1-58)								Line No.		45 INCOME SOURCES (1-58)								Line No.		45 INCOME SOURCES (1-58)										
3		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
4		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
5		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
6		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
7		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
8		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
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19		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	19		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	19		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			

B-3

Section 5 – TOPICAL MODULES

Part A – WORK DISABILITY HISTORY

CHECK ITEM T1	Refer to cc item 24. What is ...'s age?	8300	1 <input type="checkbox"/> 15 years old – SKIP to Statement D, page 56 2 <input type="checkbox"/> 16 to 67 years old 3 <input type="checkbox"/> 68 years old or older – SKIP to Statement D, page 56
STATEMENT C → Now I want to talk about any health or physical condition ... may have that affected ...'s ability to work.			
CHECK ITEM T2	Is "Disabled" (code 171) marked on the ISS for ...?	8302	1 <input type="checkbox"/> Yes – SKIP to 1a 2 <input type="checkbox"/> No
CHECK ITEM T3	Refer to cc, item 47. Is "Disabled" (code 171) marked on the control card for ...?	8304	1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No – SKIP to 1b.
1 a.	We have recorded that ...'s health or condition limits the kind or amount of work ... can do. Is that correct?	8306	1 <input type="checkbox"/> Yes – SKIP to 1c 2 <input type="checkbox"/> No – SKIP to Statement D, page 56
b.	Does ... have a physical, mental, or other health condition which limits the kind or amount of work ... can do?	8308	1 <input type="checkbox"/> Yes – Mark "171" on ISS 2 <input type="checkbox"/> No – SKIP to Statement D, page 56
c.	When did ... become limited in the kind or amount of work that ... could do at a job?	8310	[] [] Month x1 <input type="checkbox"/> Don't know
		8312	1 9 [] [] Year x1 <input type="checkbox"/> Don't know
		8314	OR x3 <input type="checkbox"/> Person was limited before person became of working age – SKIP to 2a x5 <input type="checkbox"/> Person became limited after retiring – SKIP to Statement D, page 56
d.	Was ... employed at the time ...'s work limitation began?	8316	1 <input type="checkbox"/> Yes – SKIP to 2a 2 <input type="checkbox"/> No
e.	When was the last time ... worked before ...'s work limitation began?	8318	[] [] Month x1 <input type="checkbox"/> Don't know
		8320	1 9 [] [] Year x1 <input type="checkbox"/> Don't know
		8322	OR x3 <input type="checkbox"/> Had never been employed before work limitation began
2 a.	ASK OR VERIFY – (SHOW FLASHCARD EE) What health condition is the main reason for ...'s work limitation?	8324	Code Name of health condition [] [] _____ _____
b.	ASK OR VERIFY – Was this condition caused by an accident or injury?	8326	1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No – SKIP to Check Item T4
c.	Where did the accident or injury take place – was it (Read categories) – Mark (X) only one.	8328	1 <input type="checkbox"/> On the job? 2 <input type="checkbox"/> During service in the Armed Forces? 3 <input type="checkbox"/> In the home? 4 <input type="checkbox"/> Somewhere else?
CHECK ITEM T4	Is "Worked" (code 170) marked on the ISS?	8330	1 <input type="checkbox"/> Yes – SKIP to Check Item T5 2 <input type="checkbox"/> No
3 a.	Does ...'s health or condition prevent ... from working at a job or business?	8332	1 <input type="checkbox"/> Yes 2 <input type="checkbox"/> No – SKIP to 4a
b.	When did ... become unable to work at a job?	8334	[] [] Month x1 <input type="checkbox"/> Don't know
		8336	1 9 [] [] Year x1 <input type="checkbox"/> Don't know
		8338	OR x3 <input type="checkbox"/> Has never been able to work at a job – SKIP to Statement D, page 56

TOPICAL MODULES

Section 5 – TOPICAL MODULES (Continued)

Part A – WORK DISABILITY HISTORY (Continued)

**Check
ITEM T5**

Refer to item 8a, page 4.

Did . . . usually work 35 or more hours per week during the reference period?

8340

- 1 Yes – *SKIP to 4b*
- 2 No

4a. Is . . . now able to work at a full-time job or is . . . only able to work part-time?

8342

- 1 Full-time
- 2 Part-time
- 3 Not able to work – *SKIP to Statement D, page 56*

b. Is . . . now able to work regularly or is . . . only able to work occasionally or irregularly?

8344

- 1 Regularly
- 2 Only occasionally or irregularly
- 3 Not able to work – *SKIP to Statement D, page 56*

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

TOPICAL MODULES

Section 5 – TOPICAL MODULES (Continued)

Part B – EDUCATION AND TRAINING HISTORY

STATEMENT D

Now I would like to ask you a few questions about ...'s education and any work training ... may have received.

CHECK ITEM T6

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 T10, page 59
2 Never attended

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

- 8408 1 Yes
2 No – SKIP to Check Item T9

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 T7

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 T9

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?

- 8428 Code Field of study
x1 Don't know

CHECK ITEM T8

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 T9

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

- 8432 Month x1 Don't know
8434 1 9 Year x1 Don't know } SKIP to Check Item T9

(SHOW FLASHCARD FF)

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

- 8436 Code Field of study
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

Section 5 – TOPICAL MODULES (Continued)

Part B – EDUCATION AND TRAINING HISTORY (Continued)

**CHECK
ITEM T9**

Refer to cc item 24.

Is ... 65 years of age or older?

- 8444** Yes — SKIP to Check Item T10, page 59
 No

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

- 8446** Yes
 No } SKIP to Check Item T10, page 59
 DK }

b. Was any of this training sponsored by any of the following programs (Read categories)?
 Mark (X) all that apply.

- 8448** Job Training Partnership Act (JTPA) or Comprehensive Employment Training Act (CETA)
8450 Job Opportunities and Basic Skills (JOBS) or Work Incentive Program (WIN)
8452 Food Stamps Work Program
8454 Other program sponsored by the Welfare Program or AFDC
8456 Veterans' Training Programs
8458 No

c. What type of training program is (was) this?
 Mark (X) all that apply.

- 8460** Classroom training—job skills
8462 Classroom training—basic education
8464 On-the-job training
8466 Job search assistance
8468 Work experience
8470 Other

d. Where did ... receive this training?
 Mark (X) all that apply.

- 8472** Apprenticeship program
8474 Business, commercial, or vocational school
8476 Junior or community college
8478 Program completed at a 4 year college or graduate school
8480 High school vocational program
8482 Training program at work
8484 Military (exclude basic training)
8486 Correspondence course
8488 Training or experience received on previous job
8490 Sheltered workshop
8492 Vocational rehabilitation centers
8494 Other

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

- 8496** Yes
 No

f. When did ... start this (most recent) training?
 (If more than one training occurred, ask about the most recent one.)

- 8498** Month Don't know
8500 1 9 Year Don't know

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

- 8502** Weeks
8504 Currently attending
 Less than 1 week
 Don't know

h. Who paid for this (most recent) program?
 Mark (X) all that apply.

- 8506** Self or family
8508 Employer
8510 Federal, State, or local government
8512 Someone else

GO to Check Item T10, page 59

NOTES

NOTES

Section 5 – TOPICAL MODULES (Continued)

Part C – MARITAL HISTORY

**CHECK
ITEM T10**

Refer to cc item 26a.

8600

What is ...'s current marital status?

- 1 Married, spouse present
- 2 Married, spouse absent
- 3 Widowed
- 4 Divorced
- 5 Separated
- 6 Never married — SKIP to Statement F, page 61

STATEMENT E

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

1. How many times has ... been married?

8602

- 1 1 — SKIP to Check Item T14, page 60
- 2 2
- 3 3
- 4 4 +

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

8604

Month x1 Don't know

8606

1 9 Year x1 Don't know

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

8608

- 1 Widowhood
- 2 Divorce

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

8610

Month x1 Don't know

8612

1 9 Year x1 Don't know

**CHECK
ITEM T11**

Refer to item 2b above.

Is "Widowhood" marked in item 2b?

8614

- 1 Yes — SKIP to Check Item T12
- 2 No

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

8616

Month x1 Don't know

8618

1 9 Year x1 Don't know

**CHECK
ITEM T12**

Refer to item 1 above.

How many times has ... been married?

8620

- 1 2 — SKIP to Check Item T14, page 60
- 2 3 +

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

8622

Month x1 Don't know

8624

1 9 Year x1 Don't know

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

8626

- 1 Widowhood
- 2 Divorce

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

8628

Month x1 Don't know

8630

1 9 Year x1 Don't know

**CHECK
ITEM T13**

Refer to item 3b above.

Is "Widowhood" marked?

8632

- 1 Yes — SKIP to Check Item T14, page 60
- 2 No

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

8634

Month x1 Don't know

8636

1 9 Year x1 Don't know

NOTES

Section 5 – TOPICAL MODULES (Continued)

Part D – MIGRATION HISTORY

STATEMENT F

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

<p>1. When did . . . move into this home/apartment/mobile home?</p>	<p>8700 <input type="text"/> <input type="text"/> Month <input type="checkbox"/> Don't know</p> <p>8702 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> Year <input type="checkbox"/> Don't know</p> <p><input type="checkbox"/> Always lived here – <i>SKIP to Check Item T18, page 62</i></p>
<p>2. Before living here, where did . . . live? <i>(Refer to Flashcard GG for State or country code.)</i></p>	<p>8704 <input type="checkbox"/> Same state, same county <input type="checkbox"/> Same state, different county <input type="checkbox"/> Different State – <i>Specify code</i></p> <p>8706 <input type="text"/> <input type="text"/> <input type="checkbox"/> DK <i>SKIP to item 6</i> <input type="checkbox"/> Different country – <i>Specify code</i></p> <p>8708 <input type="text"/> <input type="text"/> <input type="checkbox"/> DK</p>
<p>3. During what period of time did . . . live there?</p>	<p>8709 <input type="checkbox"/> Lived there since birth – <i>SKIP to Check Item T18, page 62</i></p> <p>FROM</p> <p>8710 <input type="text"/> <input type="text"/> Month <input type="checkbox"/> Don't know</p> <p>8712 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> Year <input type="checkbox"/> Don't know</p> <p>TO</p> <p>8714 <input type="text"/> <input type="text"/> Month <input type="checkbox"/> Don't know</p> <p>8716 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> Year <input type="checkbox"/> Don't know</p>
<p>4. Has . . . ever lived in another State or foreign country?</p>	<p>8718 <input type="checkbox"/> Yes <input type="checkbox"/> No – <i>SKIP to item 7</i></p>
<p>5. What State or foreign country was that? <i>(If more than one, ask for most recent.)</i> <i>(Enter code from Flashcard GG.)</i></p>	<p>Specify code</p> <p>8720 <input type="text"/> <input type="text"/></p> <p><input type="checkbox"/> Don't know</p>
<p>6. During what period of time did . . . live there?</p>	<p>FROM</p> <p>8722 <input type="text"/> <input type="text"/> Month <input type="checkbox"/> Don't know</p> <p>8724 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> Year <input type="checkbox"/> Don't know</p> <p>TO</p> <p>8726 <input type="text"/> <input type="text"/> Month <input type="checkbox"/> Don't know</p> <p>8728 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> Year <input type="checkbox"/> Don't know</p>
<p>7. In what State or foreign country was . . . born? <i>(Enter code from Flashcard GG.)</i></p>	<p>Specify code</p> <p>8730 <input type="text"/> <input type="text"/></p>
<p>CHECK ITEM T17 Refer to item 7 above. Does the code in item 7 equal a foreign country code of 62–92 or 99?</p>	<p>8732 <input type="checkbox"/> Yes <input type="checkbox"/> No – <i>SKIP to Check Item T18, page 62</i></p>
<p>8. Is . . . a naturalized citizen of the United States?</p>	<p>8734 <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No, born abroad of American parent or parents – <i>SKIP to Check Item T18, page 62</i></p>
<p>9. When did . . . come to the United States to stay?</p>	<p>8736 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/></p> <p><input type="checkbox"/> Before 1901</p>

Section 5 — TOPICAL MODULES (Continued)

Part E — FERTILITY HISTORY

CHECK ITEM T18

Refer to cc items 24 and 28.
What is . . . 's age and sex?

8750

- 1 Female — Read Statement G and then SKIP to item 2a
- 2 Male, 18+ years old
- 3 Male, 15–17 years old — SKIP to Check Item T26, page 64

STATEMENT G

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

- x3 None
- x1 Don't Know

SKIP to Check Item T26, page 64

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

8754

Number

- x3 None — SKIP to Check Item T26, page 64

CHECK ITEM T19

Refer to cc item 24.
Is . . . 65 years of age or older?

8756

- 1 Yes — SKIP to Check Item T26, page 64
- 2 No

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

8758

- 1 Yes
- 2 No — SKIP to Check Item T21

CHECK ITEM T20

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.

8760

8762

8766

8768

8770

Month

Year

Child's number

Month

Year

Child's number

SKIP to Check Item T26, page 64

CHECK ITEM T21

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 T22

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 T23

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 T23

Write the person number of the last child.

8788

Person number of last child

Section 5 – TOPICAL MODULES (Continued)

Part E – FERTILITY HISTORY (Continued)

4a. When was . . . 's first child born?

8792

Month

x1 Don't know

8794

Year

x1 Don't know

**CHECK
ITEM T24**

Refer to item 4a.
Was . . . 's first child born on
or after January 1, 1970?

8796

- 1 Yes
2 No — *SKIP to Check Item T26, page 64*

ASK OR VERIFY —

4b. With whom does the child live now?

8798

- 1 **Resides in this household** — *Go to Check Item T25*
- 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 T26, page 64*

**CHECK
ITEM T25**

Write the person number of
the first child.

8800

Person number of first child

NOTES

Section 5 – TOPICAL MODULES (Continued)

Part F – HOUSEHOLD RELATIONSHIPS

CHECK ITEM T26	What is the composition of this household?	9266	1 <input type="checkbox"/> One person HH	} SKIP to Check Item C1, page 67
			2 <input type="checkbox"/> Two person HH consisting of husband and wife	
			3 <input type="checkbox"/> Two person HH consisting of non-relatives	
			4 <input type="checkbox"/> Other	

CHECK ITEM T27	Is this the Reference Person's questionnaire?	9268	1 <input type="checkbox"/> Yes
			2 <input type="checkbox"/> No – SKIP to Check Item C1, page 67

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 H Now I need to record the EXACT relationships among the persons living here. Please answer by describing adoptive, step, or foster relationships, where appropriate. For each person number listed on the left side of this page, ask question 1 and enter codes from Flashcard HH.

ASK OR VERIFY –		Name	Name	Name	Name	Name	Name
1. What is the EXACT relationship of (person listed in roster) to (each person listed in columns a–n)?		9272	9274	9276	9278	9280	9282
		a.	b.	c.	d.	e.	f.
	Person No.						
9300	Name						
	Person No.						
9330	Name	9332					
	Person No.						
9360	Name	9362	9364				
	Person No.						
9390	Name	9392	9394	9396			
	Person No.						
9420	Name	9422	9424	9426	9428		
	Person No.						
9450	Name	9452	9454	9456	9458	9460	
	Person No.						
9480	Name	9482	9484	9486	9488	9490	9492
	Person No.						
9510	Name	9512	9514	9516	9518	9520	9522
	Person No.						
9540	Name	9542	9544	9546	9548	9550	9552
	Person No.						
9570	Name	9572	9574	9576	9578	9580	9582
	Person No.						
9600	Name	9602	9604	9606	9608	9610	9612
	Person No.						
9630	Name	9632	9634	9636	9638	9640	9642
	Person No.						
9660	Name	9662	9664	9666	9668	9670	9672
	Person No.						
9690	Name	9692	9694	9696	9698	9700	9702
	Person No.						

GO to Check Item C1, page 67

Section 5 – TOPICAL MODULES (Continued)

Part F – HOUSEHOLD RELATIONSHIPS (Continued)

NOTES

| Name |
|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 9284 | 9286 | 9288 | 9290 | 9292 | 9294 | 9296 | 9298 |
| g. | h. | i. | j. | k. | l. | m. | n. |
| Person No. |
| <input type="text"/> |
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

CALLBACKSUMMARY

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-9.

1990

- 9001 - "Recent Developments in the Survey of Income and Program Participation", Census Bureau
- 9002 - "An Analysis of Leaving Home Using Data From the 1984 Panel of the SIPP", by Alden Speare, Roger Avery, Frances Goldscheider, Brown University
- 9003 - "The Effect of the Marriage Market on First Marriages: Evidence From SIPP", John Fitzgerald, Bowdoin College
- 9004 - "Counting Spells of Unemployment", Paul Ryscavage and Kathleen Short, Census Bureau
- 9005 - "The Elderly and Their Sources of Income: Implications for Rural Development", Robert Hoppe, Economic Research Service, U.S. Department of Agriculture
- 9006 - "Alternative Estimates of Economic Well-Being by Age Using Data on Wealth and Income, Daniel Radner, Social Security Administration
- 9007 - "Longitudinal Analysis of Federal Survey Data", Patricia Ruggles, Joint Economic Committee
- 9008 - "Measurement Errors in SIPP Program Reports", Kent H. Marquis and Jeffrey C. Moore, Census Bureau
- 9009 - "Handling Single Wave Nonresponse in Panel Survey," R. Singh, V. Huggins, and D. Kasprzyk, Census Bureau
- 9010 - "Nonresponse Research for SIPP," R. Petroni, Census Bureau
- 9011 - "The Seam Effect in Panel Surveys," G. Kalton, D. Hill, and M. Miller, University of Michigan
- 9012 - "The Effects of Being Uninsured on Health Care Service Use: Estimates from the SIPP," S. Long and J. Rodgers, Congressional Budget Office
- 9013 - "Wage Differential and Job Changes," S. Seninger and D. Greenberg, University of Maryland
- 9014 - "Wages and Employment Among the Working Poor: New Evidence From SIPP," S. Long and A. Martini, The Urban Institute and Mathematica Policy Research
- 9015 - "Pension Portability & Labor Mobility: Evidence from SIPP," A. Gustman and T. Steinmeier, Dartmouth College and Texas Tech University
- 9016 - "Response & Procedural Error Variance in Surveys: An Application of Poisson and Newman Type A Regression," D. Hill, University of Toledo
- 9017 - "Aging and the Income Value of Housing Wealth," S.F. Venti and D.A. Wise, Dartmouth College and Harvard University
- 9018 - "Welfare Participation and Welfare Recidivism: The Role of Family Events," S.K. Long, The Urban Institute

SIPP FILES

- 9019 - "Racial Differences in Health and Health Care Service Utilization: The Effect of Socioeconomic Status," J.E. Mutchler and J.A. Burr, State University of New York at Buffalo
- 9020 - "Living Benefits: Closing the Gap for LTC Financing," D.G. Shea, Pennsylvania State University
- 9021 - "SIPP Record Check Results: Implications for Measurement Principles and Practice," K.H. Marquis and J.C. Moore, Census Bureau
- 9022 - "Workers with Disabilities in Large and Small Firms: Profiles from the SIPP," D. Drury, Berkeley Planning Associates
- 9023 - "Entry into Marriage and the Transition to Adulthood Among Recent Firth Cohorts of Young Adults in the United States and the Federal Republic of Germany," J. Witte, Harvard University
- 9024 - "The Saving Effect of Tax-Deferred Retirement Accounts: Evidence from the SIPP," S. Venti and D.A. Wise, Dartmouth College and Harvard University
- 9025 - "Children and Welfare: Patterns of Multiple Program Participations," S.K. Long, The Urban Institute
- 9026 - "Household and Nonhousehold Living Arrangements in Later Life: A Longitudinal Analysis of A Social Process," J.E. Mutchler and J.A. Burr, University of Buffalo
- 9027 - "The SIPP Event History Calendar: Aiding Respondents in the Dating of Longitudinal Process," R. Kominski, Census Bureau
- 9028 - "Estimates of Employer Contributions for Health Insurance by Worker Characteristics," S. Haber, George Washington University
- 9029 - "Two Notes on Relating the Risk of Disclosure for Microdata and Geographic Area Size," B. Greenberg and L. Voshell, Census Bureau
- 9030 - "Childcare Effects on Social Security Benefits (91 ARC)," H.M. Iams, Social Security Administration
- 9031 - "The Effect of the Medicaid Program on Welfare Participation & Labor Supply," R. Moffit and B. Wolfe, Brown University and University of Wisconsin
- 9032 - "Proxy Reports: Results from a Record Check Study," J.C. Moore, Census Bureau
- 9033 - "Spells Without Health Insurance: What Affects Spell Durations and Who are the Chronically Uninsured?," T. McBride and K. Swartz, The Urban Institute
- 9034 - "Spells Without Health Insurance: Distributions of Durations and their Link to Point-in-Time Estimates of the Uninsured," K. Swartz and T. McBride, The Urban Institute
- 9035 - "Discrete Time Models of Entry into Marriage Based on Retrospective Marital Histories of Young Adults in the U.S. and the Federal Republic of Germany," J. Witte, Harvard University

1989

- 8901 - "Quality of SIPP Estimates," R. P. Singh, L. Weidman, and G. Shapiro, Census Bureau
- 8902 - "Two Notes on Sampling Variance Estimates from the 1984 SIPP Public-Use Files," by B. Bye and S. J. Gallicchio, Social Security Administration
- 8903 - "Longitudinal vs. Retrospective Measures of Work Experience," P. Ryscavage and J. Coder, Census Bureau

- 8904 - "Analyzing the Characteristics of Blacks: A Comparison of Data from SIPP and CPS," R. Farley and L. J. Neidert, University of Michigan
- 8905 - "Enhanced Demographic-Economic Data Sets," R. Herriot, C. Bowie, D. Kasprzyk, and S. Haber, Census Bureau
- 8906 - "Reflections on the Income Estimates from the Initial Panel of The Survey of Income and Program Participation (SIPP)," D. Vaughan, Social Security Administration
- 8907 - "Measuring Spells of Unemployment and Their Outcomes," P. Ryscavage, Census Bureau
- 8908 - "Welfare Dependency and Its Causes: Determinants of the Duration of Welfare Spells," P. Ruggles, The Urban Institute
- 8909 - "Measuring the Duration of Poverty Spells," P. Ruggles, The Urban Institute and R. Williams, Congressional Budget Office
- 8910 - "Methods of Processing Unit Data Longitudinally on the SIPP," K. Smith, Congressional Budget Office
- 8911 - "Composite Estimation for SIPP Annual Estimates," R. P. Chakrabarty, Census Bureau
- 8912 - "Research and Evaluation Conducted on the Survey of Income and Program Participation," R. Petroni, T. Carmody, and V. Huggins, Census Bureau
- 8913 - "A Poisson Model of Response and Procedural Error Analysis of SIPP Reinterview Data," D. Hill, University of Michigan
- 8914 - "The Economic Resources of the Edlerly," S. Crystal and D. Shea, Rutgers University
- 8915 - "Multivariate Analysis by Users of SIPP Micro-Data Files," R. P. Chakrabarty, Census Bureau
- 8916 - "A Resource-Based Model of Living Arrangements Among the Unmarried Elderly," J. E. Mutchler and J. A. Burr, University of Buffalo
- 8917 - "Measuring Household Change at The individual Level Using Data From SIPP," A. Speare, Jr. and R. Avery, Brown University
- 8918 - "The Effect of Child Care Costs on Married Women's Labor Force participation," R. Connelly, Bowdoin College
- 8919 - "Income and Assets of Social Security Beneficiaries by Type of Benefit," S. Grad, Social Security Administration
- 8920 - "Development and Evaluation of a Survey-Based Type of Benefit Classification for the Social Security Program," D. Vaughan, Social Security Administration
- 8921 - "Wave Seam Effects in the SIPP," N. Young, The Urban Institute
- 8922 - "Components of Longitudinal Household Change for 1984-1985: An Evaluation of National Estimates from the SIPP," by Donald J. Hernandez, Bureau of the Census
- 8923 - "Database Design for Large-Scale Complex Data," by Martin H. David and Alice Robbin, University of Wisconsin-Madison

SIPP FILES

- 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 Reciprocity as Observed in the SIPP," by J. Coder, Census Bureau and P. Ruggles, The Urban Institute
- 8819 - "Reservation Wages and Subsequent Acceptance Wages of Unemployed Persons," by P. Ryscavage, Census Bureau
- 8820 - "Selected References From the Income Survey Development Program (ISDP) and Survey of Income and Program Participation (SIPP)"
- 8821 - "Training, Wage Growth, Firm Size," by S. Haber, The George Washington University and E. Lamas, Census Bureau
- 8822 - "Defining and Measuring Normetro Poverty: Results From The Survey of Income and Program Participation," by R. Hoppe, USDA-ERS-ARED
- 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

SIPP FILES

- 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

SIPP FILES

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
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These papers are free of charge. To receive any of these papers, put a check by the appropriate number and mail this form to:

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___ 8503
___ 8504
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___ 8507

1986

___ 8601 ___ 8608
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1987

___ 8701 ___ 8707 ___ 8715 ___ 8722
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1988

___ 8801 ___ 8808 ___ 8815 ___ 8822 ___ 8829
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___ 8803 ___ 8810 ___ 8817 ___ 8824
___ 8804 ___ 8811 ___ 8818 ___ 8825
___ 8805 ___ 8812 ___ 8819 ___ 8826
___ 8806 ___ 8813 ___ 8820 ___ 8827
___ 8807 ___ 8814 ___ 8821 ___ 8828

1989

___ 8901 ___ 8908 ___ 8915 ___ 8922
___ 8902 ___ 8909 ___ 8916 ___ 8923
___ 8903 ___ 8910 ___ 8917 ___ 8924
___ 8904 ___ 8911 ___ 8918 ___ 8925
___ 8905 ___ 8912 ___ 8919
___ 8906 ___ 8913 ___ 8920
___ 8907 ___ 8914 ___ 8921

1990

___ 9001 ___ 9008 ___ 9015 ___ 9022 ___ 9029
___ 9002 ___ 9009 ___ 9016 ___ 9023 ___ 9030
___ 9003 ___ 9010 ___ 9017 ___ 9024 ___ 9031
___ 9004 ___ 9011 ___ 9018 ___ 9025 ___ 9032
___ 9005 ___ 9012 ___ 9019 ___ 9026 ___ 9033
___ 9006 ___ 9013 ___ 9020 ___ 9027 ___ 9034
___ 9007 ___ 9014 ___ 9021 ___ 9028 ___ 9035

APPENDIX D

Machine-Readable Data Dictionary Layout

Data dictionary lines are 46 characters. The character on the first position determines the type of lines. Each variable may have the following lines:

1. COMMENTS (" * ") lines
2. DATA DICTIONARY (" D ") ; line and DATA DESCRIPTION
3. UNIVERSE (" U ") lines
4. VALUE DESCRIPTION lines
5. One blank line at the end

FORMAT

"*" LINE COMMENTS

- a. " * " in the first position indicates that this is a comment line. This line can appear any place in the dictionary. It will be used for short comments or to nullify any value codes.
- b. " ** " in the first two positions is also comments but it has additional meaning. It indicates this is a block of comments which will be applied to several variables. The first line of this block will have the COMMENT NO. so that subsequent variable can refer back to this comment block.

"D" LINE DATA DICTIONARY

This line contains the following information:

ID	"D"	COL	1-1
NAME	Variable name	COL	3-10
SIZE	Size of data field	COL	14-15
BEGIN	Begin position of data field	COL	19-22
TYPE	Character variable indicator "CHAR" or blanks if numeric variable	COL	26-29
DEC	Implied decimal places	COL	33-34
IND	TABLE variable indicator "TABLE" with "(aa)" for its dimension; otherwise blanks	COL	38-46

Text describing the variable will follow this "D" line. Use COL 6-46 and repeat as many lines as necessary.

"U" LINE UNIVERSE DEFINITION

This line contains the universe definition. Use COL 3-46 and repeat as many lines as necessary.

ID	" U "	COL	1-1
DESCRIPTION	Universe description	COL	3-46

(For continuation use COL 3-46 and repeat as many lines as necessary.)

"V" LINE VALUE DEFINITION

ID	" v "	COL	1-1
VALUE	Value code-right justified	COL	3-12
	" "	COL	14
DESCRIPTION	Value description	COL	15-46

(Repeat COL 14-46 format for continued value description.)

APPENDIX E

User Notes

This section is reserved for any information relevant to the SIPP 1992 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.