SURVEY OF INCOME AND PROGRAM PARTICIPATION (SIPP) 1984 FULL PANEL MICRODATA RESEARCH FILE

TECHNICAL DOCUMENTATION

SIPP 84 FPR

SURVEY OF INCOME AND PROGRAM PARTICIPATION (SIPP)

1984 FULL PANEL

MICRODATA RESEARCH FILE

TECHNICAL DOCUMENTATION

Washington, D.C.

1989

U.S. DEPARTMENT OF COMMERCE

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for Economic Affairs

BUREAU OF THE CENSUS

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* *

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* *

For additional information concerning the **file**, contact SIPP Research and Coordination Staff, Bureau of the Census, Washington, D.C. 20233. Phone: (301) 763-6383.

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

For additional information concerning statistical estimation and the use of longitudinal person weights for estimating panel, calendar year 1984, and calendar year 1985 persons characteristics, contact the Statistical Methods Division, Survey of Income and Program Participation Branch. Phone: (301)763-7944.

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SURVEY OF INCOME AND PROGRAM PARTICIPATION (SIPP)
1984 FULL PANEL
MICRODATA RESEARCH FILE

ABSTRACT

Survey of Income and Program Participation (SIPP) 1984 Full Panel Microdata Research File [machine-readable data file] / conducted by the U.S. Bureau of the Census. – Washington: The Bureau [producer and distributor], 1989.

Type of File:

Microdata; unit of observation is an individual.

Universe Description:

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

Subject-Matter Description:

The file contains basic demographic, social, and economic characteristics data for each member of the household during the first eight interviews of the 1984 Panel of the Survey of Income and Program Participation (SIPP). These 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, household relationship, education, and veteran status. Limited data are provided on housing unit characteristics such as units in structure and tenure. Core questions, which are repeated at each interview, cover monthly labor force activity, types and amounts of monthly income, and participation in various cash and noncash benefit programs for each month of the survey period. Data for employed persons include number of hours and weeks worked, earnings, and weeks without a job. Nonworkers are classified as unemployed or not in the labor force. In addition to income data associated with labor force activity, data include nearly 50 other types of income.

The file provides a set of monthly observations covering eight interviews of the 1984 Panel. The time span covered by the file varies depending on the rotation group to which the respondent belongs. Since the sample was divided into four approximately equal groups or rotations and one group (having a reference period of the four previous months) was interviewed each month, the panel contains four different time spans. They are June 1983 to January 1986, July 1983 to February 1986, August 1983 to March 1986, and September 1983 to April 1986.

This documentation presents information designed to provide the basis for longitudinal household analyses using SIPP data. It presents pertinent concepts and a discussion of the five variables which can be used to identify longitudinal households, and persons in longitudinal households. These variables are explained in more detail in the description of variables for longitudinal household research.

Geographic Coverage:

United States. Codes are included for 38 individual States, **although the sample was not designed to produce State estimates.** Areas in the SIPP sample in six other States are identified in two groups for confidentiality reasons. Some cases are coded to other States not originally sampled, reflecting persons in the original sample who moved. 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: This is a rectangular (flat) file with one record for each person who, at anytime during the life of the 1984 Panel (June 1983 to April 1986), was a member of an interviewed household.

File Size: The file contains 64,503 records. Each record contains 10,760 characters.

File Sort Sequence: The file is in sort by the variables SU-ID, PP-ENTRY, and PP-PNUM.

Reference Materials:

Survey of Income and Program Participation (SIPP) 1984 Full Panel, Microdata Research File Technical Documentation. The documentation includes this abstract, the data dictionary, an index to the data dictionary, and general information relative to SIPP. One copy of the technical documentation accompanies each file order but also may be purchased separately for $25 from Customer Services, Bureau of the Census, Washington, D.C. 20233.

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

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

File Availability:

SIPP 1984 Full Panel File is available from SIPP Research and Coordination Staff, Bureau of the Census, Washington, D.C. 20233. Phone: (301) 763-6383. The file may be ordered using the order form on the following page. The file is available on 5 reels at 6250 bpi for $875. A machine-readable dictionary is contained at the end of reel 5. It is also available separately for $175 on 1 reel.

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FILE INFORMATION

Geographic Coverage

State codes are shown except for six States which are identified in two 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 reciplency 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; for example 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 $8,333 may occasionally be shown if the respondent's income varied considerably from month to month, as long as the average does not exceed $8,333. For example, if a respondents' income from a single job were concentrated in only one of the four reference months, a figure as high as $33,332 could be shown. (Income from interest or property have lower topcodes).

Summary income figures 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.

Limitations

The Census Bureau has released the 1984 Full Panel file for research to improve understanding and analysis of SIPP data. Results of research using this file will lead to improvements in the quality of SIPP data and future products.

The longitudinal edits and imputations for item nonresponse and the adjustment factors for complete interview nonresponse used to develop this file are preliminary; and a detailed evaluation of the quality of the estimates derived from the file is not yet available. For these reasons, the Census Bureau regards the data on the file as preliminary and not for citation as official estimates.

The Census Bureau encourages users of this file to identify the data source and its limitations in any report using data from this file or its extracts by including the following paragraph in any such report:

> "This report uses data from the Survey of Income and Program Participation 1984 Full Panel Research File, which was released by the Census Bureau for research to improve understanding and analysis of SIPP data. The data on the file are preliminary and should be analyzed and interpreted with caution. At the time the file was created, the Census Bureau was still exploring certain unresolved technical and methodological issues associated with the creation of this data set. The Census Bureau does not approve or endorse the use of these data for official estimates."

LONGITUDINAL HOUSEHOLD RESEARCH USING THIS FILE

Introduction

This chapter presents information designed to provide the basis for longitudinal household analyses using SIPP data. It presents pertinent concepts and a discussion of the five variables which can be used to identify longitudinal households, and persons in longitudinal households.

Longitudinal Household Definition

A longitudinal household is defined as follows:

1. It is a household which existed during at least one month.

2. The household continues from one month to the next if it has the same household reference person (henceforth referred to as "householder") and householder's spouse (if present in the household), and if it is the same household type.

3. The householder (or spouse of householder) must be a 100-level person, that is, a person who was a member of a household interviewed during the first wave for this to be considered a longitudinal household.

4. The household types are married-couple household; other family household, male householder; other family household, female householder; nonfamily household, male householder; nonfamily household, female householder.

Longitudinal Household Variables

Several variables are included on the longitudinal research file for use in analysis of longitudinal households. These variables were calculated for and placed on each person's monthly records for the months that they were in sample. The longitudinal household variables are LGTHHTYP (which identifies the type of longitudinal household); LGTKEY (identifies the household number on the householder's record and, if a spouse of the householder is present, on the spouse's record); LGTOTH (identifies the household number on the records of persons who were not the householder or the spouse of the householder in that longitudinal household); and, LGTFAC1 and LGTFAC2, two experimental factors for use in weighting longitudinal households.

For information on the use of the longitudinal household variables, contact Donald Hernandez in Population Division, U.S. Bureau of the Census, Washington, D.C. 20233. Phone: (301) 763-7987.

Longitudinal Adjustment Factors

LGTFAC1 and LGTFAC2 are experimental factors intended to provide the basis for exploratory household estimates. The "Source and Accuracy" chapter in this document provides information on their use.

Use of Longitudinal Household Variables

Longitudinal households can be constructed by examining all the records within one original sample unit, "SU-ID." For each month link together all persons in that SU-ID who have the non-zero LGTKEY or LGTOTH value. Then link together all these persons' records for each month that they have the same nonzero value for LGTKEY or LGTOTH. Longitudinal household analyses may then be performed on these records remembering to use the weight LGTFAC1 or LGTFAC2 from only one household member.

Analyses of longitudinal households should be conducted using a specially constructed extract subfile. This subfile might include household variables based on characteristics of some or all of the members of the longitudinal household during a given month or other time period, but the subfile should include only one record per longitudinal household per month (or other time period, depending on the analytical unit of time of interest to the user). Since this research file is a "person record" file, it would be incorrect to use every record in the file for a household analysis. If each person record were used as if it were a household record, results would be incorrect because each household would be represented in the analysis "x" times, where "x" is the number of household members in the household during a specified month.

GLOSSARY OF SELECTED TERMS

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.

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.

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

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.

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.

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.

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

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."

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.

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.

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 A-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.

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 A-3.

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.

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.

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.

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.

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.

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.

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.

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.

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."

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 15 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.

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.

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.

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Medicaid Coverage	CAIDCOV	9129
Medicare Card Claim Number – Last 2 Characters	SC1466-2	2166
Medicare Coverage	CARECOV	9097
Medicare Coverage, Type	SC1468	2166
Medicare Payment of Doctor Bills	SC1472	2169
Money Market Accounts - ISS Code 101	ASST101	7651
Money Market Funds - ISS Code 104	ASST104	7675
Monthly Rent if Rent not Subsidized	FULLRENT	2122
Mortgage Interest Income	G2SRC130	7751
Mortgages - ISS Code 130	ASST130	7723
MSA Status	METRO	2144
Municipal or Corporate Bonds - ISS Code 106	ASST106	7691
NOW Accounts - ISS Code 103	ASST103	7667

Item	Mnemonic	Loc
Weeks With Job or Business	WKSJB	3461
Weeks Without Pay	WKSWOP*	3493
Weeks Worked During Reference Period	SC1230	3557
WIC Coverage	WICCOV	9161
WIC Income Coverage	WIC-PIDX	9993

ALPHABETICAL VARIABLE LISTING TO SIPP 1984 FULL PANEL RESEARCH FILE

Mnemonic	Item	Loc
ADDID5	Address ID	1986
AFDC	AFDC Income	9193
AFDCPIDX	AFDC Income Coverage	9737
AGE	Age	1228
ASST100	Savings Accounts - ISS Code 100	7643
ASST101	Money Market Accounts - ISS Code 101	7651
ASST102	Certificates of Deposit - ISS Code 102	7659
ASST103	NOW Accounts - ISS Code 103	7667
ASST104	Money Market Funds - ISS Code 104	7675
ASST105	U.S. Government Securities - ISS Code 105	7683
ASST106	Municipal or Corporate Bonds - ISS Code 106	7691
ASST107	Interest Earning Assets, Other - ISS Code 107	7699
ASST110	Stocks or Mutual Funds - ISS Code 110	7707
ASST120	Rental Property - ISS Code 120	7715
ASST130	Mortgages - ISS Code 130	7723
ASST140	Royalties - ISS Code 140	7731
ASST150	Financial Investments, Other - ISS Code 150	7739
ATT-SCHL	Education: Attendance Beyond High School	2172
BREAK	Breakfasts Free or Reduced Price	2090
CAIDCOV	Medicaid Coverage	9129
CARECOV	Medicare Coverage	9097
CLSSWRK1:2	Employee: Type of Business	3637
DISAB	Disability That Limits type of Work	2171
ENRGYAMT	Energy Assistance Amount Received	2018
ENRGY-YN	Energy Assistance Received	2002
ENTID-GD	Entry Address ID of Designated Parent or Guardian	1810
ENTID-PT	Entry Address ID of Parent	1676
ENTID-SP	Entry Address ID of Spouse	1516
ESR	Employment Status Recode	3397
ETHNICTY	Ethnicity	1194
FAMNUM	Family Number	1388
FAMREL	Family Relationship	1356
FAMTYP	Family Type	1324
FF-INC	Income, Family ($)	2724
FF-POV$	Low Income Cutoff for Family	3236
FNLWGT84	Person's Weight for Calendar Year 1984	148
FNLWGT85	Person's Weight for Calendar Year 1985	172
FOODSTP*	Food Stamps	9225
FOST-KID	Foster Child Care Payments	9289
FOSTPIDX	Foster Children Income Coverage	9865
FS-PIDX	Food Stamp Income Coverage	10057
FULLRENT	Monthly Rent if Rent not Subsidized	2122
G1-AMT1:10	ISS Income This Month ($)	6025
G1-IMP1:10	Imputation Flag - Income Source	10249
G1SRC1:10	Income Source Code (ISS)	6005
G2AMT100	Income Received from Type 100	7753
G2AMT104	Income Received from Type 104	7977
G2AMT110	Income Received from Type 110	8201
G2AMT120	Income Received from Type 120	8425
G2AMT130	Income Received from Type 130	8649
G2AMT140	Income Received from Type 140	8873

Mnemonic	Item	Loc
G2IMP100	Imputation Flag - Interest from Savings Accounts, etc.	10569
G2IMP104	Imputation Flag - Interest from Bonds, etc.	10601
G2IMP110	Imputation Flag - Dividends	10633
G2IMP120	Imputation Flag - Rental Property	10665
G2IMP130	Imputation Flag - Mortgage Interest Income	10697
G2IMP140	Imputation Flag - Royalty Income	10729
G2SRC100	Interest from Savings Accounts., etc.	7747
G2SRC104	Interest from Money Market Funds, Bonds, etc.	7748
G2SRC110	Dividends	7749
G2SRC120	Rental Property Net Income	7750
G2SRC130	Mortgage Interest Income	7751
G2SRC140	Royalty Income	7752
GA-PIDX	General Assistance Income Coverage	9801
GEN-ASST	General Assistance Income	9257
GRD-CMPL	Education, Highest Grade Completed	1756
H*-ENRGY	Energy Assistance Type Received	2010
H*-HSC	Half Sample Code for Variance Estimation	199
H*-LUNCH	Lunches Free or Reduced Price	2066
H*-PUBHS	Public Housing Unit	2114
H8-4830	Number of Children Receiving Free or Reduced Breakfasts	2098
HH-ADDID	Address ID	24
HH-INC	Income, Household ($)	2980
HI-OTCOV	Health Insurance in Other Person's Name	9481
HIEMPLYR	Health Insurance in Employer's Name	9513
HIGRADE	Education, Highest Grade Attended	1740
HIOWNCOV	Health Insurance in Own Name	9449
IN-AF	Armed Forces Status	1764
JOB-ID1:2	Employer ID Number	3573
LGTFAC1:2	Longitudinal Adjustment Factor	424
LGTHHTYP	Longitudinal Household Type	200
LGTKEY	Longitudinal Key Person Indicator	232
LGTOTH	Longitudinal "Other" Person Indicator	328
LORNT	Lower Rent Reason	1954
LUNCH	Number of Children Receiving Free or Reduced Lunches	2074
LVQTR	Housing Unit Type	1826
METRO	MSA Status	2144
MS	Marital Status	1292
MTHWOPWK	Weeks Without Pay	3493
OTH-PIDX	Other Welfare Income Coverage	9929
OTH-WELF	Other Welfare Payments	9321
PNLWGT	Panel Person's Weight	136
PNPT	Person Number of Parent	1580
PNSP	Person Number of Spouse	1420
PP-EARN	Earnings, Person's ($)	2500
PP-ENTRY	Address ID of Person at Entry, Edited	17
PP-INC	Income, Person's ($)	2244
PP-INTVW	Interview Status: Self, Proxy or Refusal	88
PP-MIS	Person's Interview Status	96
PP-PNUM	Person Number	19
PUBHS	Public Housing Project Residence	1922
PUBRNAMT	Public Housing Unit Monthly Rent	2115
RACE	Race	1193
RAILRD*	Railroad Retirement Payments	9385
REASLEFT	Reason for Leaving Household	128
ROT	Rotation Group Number	7
RR-PIDX	Railroad Income Coverage	9609

Mnemonic	Item	Loc
RRP	Relationship to Reference Person	1196
RRRECIND	Railroad Retirement, Recipiency Type	7633
SC1230	Hours Worked per Week During Reference Period	3557
SC1332	Armed Forces, Length of Service	2152
SC1334	Veteran: Service Connected Disability	2154
SC1336	Disability, VA Rating	2156
SC1346	Social Security, Reason for Income	2159
SC1348	Social Security, Other Reason for Income	2161
SC1360	Retirement	2163
SC1418	Marital History	2164
SC1456	Armed Forces, Death of Husband Service Related	2165
SC1466-2	Medicare Card Claim Number – last 2 Characters	2166
SC1468	Medicare Coverage, Type	2168
SC1472	Medicare Payment of Doctor Bills	2169
SC1682	Tuition and Fees for Education ($)	2180
SC1690	Educational Assistance ($)	2212
SE-IMP1:2	Imputation Flag - Business	10185
SE1/2-AMT*	Income Received Each Month ($)	5493
SE1/2-IND	Industry Code	5237
SE1/2-OCC	Occupation Code, Self-Employed	5045
SE1/2-WKS*	Weeks with Business Each Month	5429
SE1-2202	Business ID Number	4917
SE2-2302	Business ID Number	4949
SE1-2212	Self-Employed Hours Worked per Week	5877
SE2-2312	Self-Employed Hours Worked per Week	5941
SEX	Sex	1192
SOC-SEC	Social Security Payments	9353
SS-PIDX	Social Security Income Coverage	9545
SSRECIND	Social Security Recipiency Type	7625
STATE	FIPS State Code	2128
SU-ID	Identification Number of Sample Unit	8
SU-RGC	Reduction Group Code from Master Segment Tape	196
SU-TOTPP	Person Records in Sample Unit	22
SUSEQNUM	Sequence Number of Sample Unit	6
TENUR	Living Quarters Status	1890
TYPEBUS1:2	Type of Business	4981
U-BRTHMN	Age: Month of Birth, Preedited	1780
U-BRTHYR	Age: Year of Birth, Preedited	1782
U-PNGD	Parent or Guardian Person Number, Preedited	1786
U-SRVDTE	Veteran: Period of Service	1772
UTLPAYYN	Utility Payment	2121
VA-PIDX	Veteran's Income Coverage	9673
VET3060	VA Annual Income Questionnaire Required	7641
VETS	Veteran's Payments	9417
WEEKSLK	Weeks Looking for Work or on Layoff	3525
WIC-PIDX	WIC Income Coverage	9993
WICCOV	WIC Coverage	9161
WKSJB	Weeks With Job or Business	3461
WKSWOP*	Weeks Without Pay	3493
WKSPER*	Weeks In Each Month of Reference Period	3429
WS-IMP1:2	Imputation Flag - Job	10121
WS1-2024	Hours Worked per Week	4533
WS2-2124	Hours Worked per Week	4597
WS1-2028	Hourly Pay Rate	4661

Mnemonic	Item	Loc
WS2-2128	Hourly Pay Rate	4789
WS1/2-AMT*	Earnings From Job This Month ($)	4149
WS1/2-IND	Industry Code	3893
WS1-OCL	Occupation Code	3701
WS2-OCC	Occupation Code	3797
WS1/2-WKS*	Weeks Employed Each Month	4085

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, relative begin position of the 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 "HH-STATE" or "SE-OCC", or a sequential identifier such as "SC3138" or "WS-IMP01". Data item names are unique throughout the entire file (all 8 record types).
>
> **Size.** Numeric. The size of a data item is given in characters. Indication of implied decimal places is provided in notes.
>
> **Relative Begin.** Numeric. Identical to the begin position.
>
> **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 SC2030      1    74    74
  During the 4-month period how often
  was...paid on the job?
U Persons 15 years old and older
V  0 .Not in universe
V  1 .Once a week
V  2 .Once each 2 weeks
V  3 .Once a month
V  4 .Twice a month
V  5 .Some other way

D FF-PINX     60    24    24
  Indexes of person records of family
  members.
  Note: This item consists of thirty (30)
  2-character cells. Each cell
  contains an index number (1-30).
U  All families
```

Each logical record for a sampled person includes information for anyone who, at any time during the life of the 1984 Panel (June 1983 to July 1986), was a member of an interviewed household. Each record contains a series of person identifiers, one-time variables for persons such as sex or race, variables relating to each wave (eight repetitions of the variable), and monthly variables which have 32 values for each variable. The repetitions for any particular variable in this codebook are indicated by the number that appears just to the right of the variable name and is contained in parentheses. For variables with repetitions other than those described above, the multiplier is described together with the definition of the particular variable.

SIPP 1984 FULL PANEL RESEARCH FILE DICTIONARY

DATA SIZE BEGIN

D SUSEQNUM 6 1
Sequence number of person
Primary sort key

D ROT 1 7
Rotation group number

D SU-ID 9 8
Scrambled identifier equivalent to the
combination of PSU, segment number, and
serial number

D PP-ENTRY 2 17
Edited entry address ID
Address ID of the household that this
person belonged to at the time this
person first became part of the sample.

D PP-PNUM 3 19
Edited person number

D SU-TOTPP 2 22
Total number of person records
for this sample unit

D HH-ADDID 64 24
Address ID - This field
identifies the household this person
lived in this month.

D PP-INTVW 8 88
Person's interview status for the
relevant interview
V 0 .Not applicable (children
.under 15), not in sample,
.nonmatch
V 1 .Interview (self)
V 2 .Interview (proxy)
V 3 .Noninterview - Type Z refusal
V 4 .Noninterview - Type Z other

D PP-MIS 32 96
Person's interview status for this month
V 0 .Not matched or not in sample
V 1 .Interview
V 2 .Noninterview

D REASLEFT 8 128
Preedited reason for leaving the
household. (Control Card Item 23)
U Universe: Persons who left at any time
during the reference period
Subscript 1: Not applicable for observation 1
Subscript 2 - 8: Reason left in
observations 2 - 8
V 0 .Not applicable or not answered or
.nonmatch
V 1 .Left - Deceased
V 2 .Left - Institutionalized
V 3 .Left - Living in Armed Forces barracks

DATA SIZE BEGIN

V 4 .Left - Moved outside of country
V 5 .Left - Separation or divorce
V 6 .Left - Person #201 or greater no
.longer living with sample person
V 7 .Left - Other
V 8 .Entered merged household
V 9 .Interviewed in previous Wave but
V .not in sample

****
* Person's Weights: *
****

D PNLWGT 12 136
Panel person's weight assigned
to persons with PP-MIS = 1 for all
32 months and person number=100 to 199.
(Weight as of November 1, 1983)

D FNLWGT84 12 148
Person's weight assigned for calendar
year 1984. Population controlled to first
interview covering 1984. (Weight as of
January 1, 1984)

D FILLER 12 160
Zero filler

D FNLWGT85 12 172
Person's weight assigned for calendar
year 1985. Population controlled to first
interview covering 1985. (Weight as of
January 1, 1985)

D FILLER 12 184
Zero filler

****
* Master Segment Tape Field: *
****

D SU-RGC 3 196
Reduction group code established to
make it possible to easily reduce sample
size, if necessary. (From Master Segment
Tape)
V 000 .Not applicable for coverage
.improvement frame
V 101 .Applicable for coverage
.improvement frame

****
* Variance Field: *
****

D H*-HSC 1 199
Half sample code for variance estimation

```
DATA        SIZE  BEGIN

********************************************
*   Longitudinal Household Fields:         *
********************************************

D LGTHHTYP   32    200
    Longitudinal Household Type
V           0 .Not available or not in a
              .household
V           1 .Married couple household
V           2 .Other family household, male
              .householder
V           3 .Other family household, female
              .householder
V           4 .Nonfamily household, male
              .householder
V           5 .Nonfamily household, female
              .householder

D LGTKEY     96    232
    Longitudinal key person indicator
V         000 .This is not a key person
V   001 - 511 .This is a key person in a
              .longitudinal household of that
              .number

D LGTOTH     96    328
    Longitudinal "other" person indicator
    (An "other" person is a person in a
    longitudinal household who is not a
    key person.)
V         000 .This is not an "other" person
              .in a longitudinal household
V   001 - 511 .This is an "other" person in a
              .longitudinal household of that
              .number

D LGTFAC1   384    424
    Longitudinal adjustment factor #1
    Experimental longitudinal household
    weight

D LGTFAC2   384    808
    Longitudinal adjustment factor #2
    Experimental longitudinal household
    weight

********************************************
*   Demographic characteristics:           *
********************************************

D SEX         1   1192
    Sex of this person
    Edited and imputed
V           1 .Male
V           2 .Female

D RACE        1   1193
    Race of this person
    Edited and imputed
V           1 .White
V           2 .Black
V           3 .American Indian, Eskimo or
              .Aleut
V           4 .Asian or Pacific Islander

DATA        SIZE  BEGIN

D ETHNICTY    2   1194
    Ethnic origin
V          01 .German
V          02 .English
V          03 .Irish
V          04 .French
V          05 .Italian
V          06 .Scotish
V          07 .Polish
V          08 .Dutch
V          09 .Swedish
V          10 .Norwegian
V          11 .Russian
V          12 .Ukranian
V          13 .Welsh
V          14 .Mexican-American
V          15 .Chicano
V          16 .Mexican
V          17 .Puerto Rican
V          18 .Cuban
V          19 .Central or South American
              .(Spanish)
V          20 .Other Spanish
V          21 .Afro-American (Black or Negro)
V          30 .Another group not listed
V          39 .Don't know

D RRP        32   1196
    Edited relationship to reference person
    in this month
V           0 .Not a sample person in this
              .month, nonmatch
V           1 .Household reference person,
              .living with relatives
V           2 .Household reference person living
V             .alone or with only nonrelatives
              .(primary individual)
V           3 .Spouse of household reference
              .person
V           4 .Child of household reference
              .person
V           5 .Other relative of household
              .reference person
V           6 .Nonrelative of household reference
              .person but relate
V             .to others in the household. -
              .(Member of an unrelated family.)
V           7 .Nonrelative of household reference
              .person and not related to anyone
              .else in the household (secondary
              .individual)

********************************************
*   Age for each month is age as of the    *
*   last day of the month.                 *
********************************************
```

```
DATA        SIZE  BEGIN

D AGE        64    1228
    Age as of last birthday
    Edited and imputed
V         00 .Less than 1 full year or not a
V            .sample person in this month or
             .a nonmatch
V         01 .1 year
V         02 .2 years
V            .=
V            .=
V            .=
V         85 .85 years or more
```

```
********************************************
*  If a person's marital status changed  *
*  during any month, the marital status  *
*  shown is the status maintained for the*
*  greatest part of the month.           *
********************************************
```

```
D MS         32    1292
    Marital status
    Edited and imputed
V          0 .Not a sample person in this
             .month or a nonmatch
V          1 .Married, spouse present
V          2 .Married, spouse absent
V          3 .Widowed
V          4 .Divorced
V          5 .Separated
V          6 .Never married

D FAMTYP     32    1324
    Family type.  Type of family to which
    this person belongs.
V          0 .Primary family or not a sample
             .person in this month or a nonmatch
V          1 .Secondary individual (not a family
             .member)
V          2 .Unrelated sub (secondary) family
V          3 .Related subfamily
V          4 .Primary individual

D FAMREL     32    1356
    Family relationship code. - This field
    only applies to members of related
    subfamilies and members of unrelated
    sub (secondary) families.
V          0 .Not applicable, not in sample,
             .or nonmatch
V          1 .Reference person of family
V          2 .Spouse of family reference person
V          3 .Child of family reference person
V          4 .Other relative of family reference
             .person

D FAMNUM     32    1388
    Family number. - This field only applies
    to members of related subfamilies and
    members of unrelated sub (secondary)
    families.
V          0 .Not applicable, not in sample,
             .or nonmatch
V      1 - 6 .Family number
```

```
DATA        SIZE  BEGIN

D PNSP       96    1420
    Person number of spouse in this month
V        000 .Not a sample person in this
             .month or a nonmatch
V  101 - 998 .Person number of spouse in
             .this month
V        999 .Not applicable

D ENTID-SP   64    1516
    This field is entry address ID of spouse
V         00 .Not a sample person in this
             .month or a nonmatch
V    11 - 98 .Entry ID of spouse
V         99 .Not applicable

D PNPT       96    1580
    Person number of parent in this month
V        000 .Not a sample person in this
             .month or a nonmatch
V    101-998 .Person number of parent in
             .this month
V        999 .Not applicable

D ENTID-PT   64    1676
    This field is entry address ID of parent
V         00 .Not a sample person in this
             .month or a nonmatch
V    11 - 98 .Entry ID of parent
V         99 .Not applicable

D HIGRADE    16    1740
    What is the highest grade or year of
    regular school this person attended?
V         00 .Not applicable if under 15,
             .not in sample, nonmatch
             .Type D noninterview, did
             .not attend or attended only
             .kindergarten
V    01 - 08 .Elementary
V    09 - 12 .High school
V    21 - 26 .College

D GRD-CMPL    8    1756
    Did he/she complete that grade?
U HIGRADE not equal to zero
V          0 .Not applicable, not in sample,
             .or nonmatch
V          1 .Yes
V          2 .No

D IN-AF       8    1764
    Is this person currently in the
    Armed Forces?
V          0 .Not applicable if under 15,
             .not in sample, or a nonmatch
V          1 .Yes
V          2 .No
```

```
DATA         SIZE  BEGIN

D U-SRVDTE    8   1772
    Unedited period of service
    (Control Card Item 32b)
V          0 .Not applicable, not in sample,
             .or nonmatch
V          1 .Vietnam Era (August 1964-
             .April 1975)
V          2 .Korean Conflict (June 1950-
             .January 1955)
V          3 .World War II (September 1940-
             .July 1947)
V          4 .World War I (April 1917-
             .November 1918)
V          5 .May 1975 or later
V          6 .Other service
V          9 .Not answered

D U-BRTHMN    2   1780
    Preedited month of birth
    (Control Card Item 24)
V         -9 .Not answered
V         01 .January
V         02 .February
V             .
V             .
V             .
V         12 .December

D U-BRTHYR    4   1782
    Preedited year of birth
    (Control Card Item 24)
V       -009 .Not answered
V  1902-1986 .Year of birth
V       1901 .1901 or earlier

D U-PNGD     24   1786
    Preedited person number of designated
    parent or guardian
    (Control Card Item 27)
V        000 .Not in universe, not in
             .sample, or nonmatch
V  101 - 998 .Person number of designated
             .parent or guardian
V        999 .Not applicable
V        -09 .Not answered

D ENTID-GD   16   1810
    Entry address ID of
    designated parent or guardian
V         00 .Not in universe, not in sample,
             .or nonmatch
V    01 - 98 .Entry ID of designated parent or
             .guardian
V         99 .Not applicable or not answered

**********************************************
*  Edited Control Card Fields:               *
**********************************************

D LVQTR      64   1826
    Housing/other unit in each month
    (Control Card Items 13d and 13e)
V         00 .Not applicable, not in sample,
             .or nonmatch

DATA         SIZE  BEGIN

V         01 .House, apartment, flat
V         02 .Housing unit in nontransient hotel,
V            .motel, etc
V         03 .Housing unit, permanent in
             .transient hotel, motel, etc
V         04 .Housing unit in rooming house
V         05 .Mobile home or trailer with no
             .permanent room added
V         06 .Mobile home or trailer with one
             .or more permanent rooms added
V         07 .Housing unit not specified above
*V         08 .Quarters not housing unit in
             .rooming or boarding house
V         09 .Housing unit not permanent in
             .transient hotel, motel, etc
V         10 .Unoccupied tent or trailer site
V         11 .Other unit not specified above

D TENUR      32   1890
    Are the living quarters
    (Control Card Item 15)
V          0 .Not in sample or nonmatch?
V          1 .Owned or being bought by someone
V            .in the household?
V          2 .Rented for cash?
V          3 .Occupied without payment of
             .cash rent?

D PUBHS      32   1922
    Is the residence in a public housing
    project, that is, is it owned by a local
    housing authority?  (Control Card Item 16a)
U TENUR = 2
V          0 .Not applicable, not in sample,
             .or nonmatch
V          1 .Yes
V          2 .No

D LORNT      32   1954
    Are you paying lower rent because the
    Federal, state, or local government is
    paying part of the cost?
    (Control Card Item 16b)
U PUBHS = 2
V          0 .Not applicable, not
             .in sample, or nonmatch
V          1 .Yes
V          2 .No

**********************************************
*    Program Questions From the              *
*    Cross-Sectional Household Record:       *
**********************************************

D ADDID5     16   1986
    Address ID.  - This field identifies
    the household in which this person
    lived during the interview month.
```

```
DATA        SIZE  BEGIN

D ENRGY-YN    8   2002
    Has this household received energy
    assistance from the government during
    the past 4 months?
V          0 .Not in universe, not in a sample
             .household at the time of the
             .interview, or a nonmatch
V          1 .Yes
V          2 .No

D H*-ENRGY    8   2010
    What type of energy assistance was
    received?
U ENRGY-YN = 1
V          0 .Not applicable, not in a sample
             .household at the time of the
             .interview, or a nonmatch
V          1 .Checks sent to household
V          2 .Coupons or vouchers sent to household
V          3 .Payments sent elsewhere
V          4 .Checks and coupons or vouchers sent to
V            .household
V          5 .Checks sent to household and payments
V            .sent elsewhere
V          6 .Coupons or voucher sent to household
V            .and payments sent elsewhere
V          7 .All three types of assistance

D ENRGYAMT   48   2018
    What was the total amount of the
    energy assistance received by this
    household during the past 4 months?
U ENRGY-YN = 1
V     000000 .Not in universe, not in
             .sample household at the time
             .of the interview, or nonmatch
V 000001-999999 = Total amount

D H*-LUNCH    8   2066
    Are the lunches free or reduced-price?
V          0 .Not applicable, not in sample
             .household at the time of the
             .interview, or nonmatch
V          1 .Free
V          2 .Reduced-price
V          3 .Both

D LUNCH   16   2074
    How many children?
U TYPELUNC not equal to zero
V         00 .Not in universe, not in
             .sample household at the time of
             .the interview, or nonmatch
V    01 - 20 .Total children

D BREAK    8   2090
    Are the breakfasts free or reduced-price?
V          0 .Not applicable, not in sample
             .household at the time of the
             .interview, or nonmatch
V          1 .Free
V          2 .Reduced-price
V          3 .Both

DATA        SIZE  BEGIN

D H8-4830   16   2098
    How many children?
U BREAK not equal to zero
V         00 .Not in universe, not in
             .sample household at the time
             .of the interview, or nonmatch
V    01 - 20 .Total children

**********************************************
*    Program Questions From Wave 1:          *
**********************************************

D H*-PUBHS    1   2114
    Is this a public housing unit for which
    rent is collected?
U PUBHS = 1 or LORNT = 1
V          0 .Not in sample in Wave 1
V          1 .Yes
V          2 .No

D PUBRNAMT    6   2115
    What is the monthly rent for this public
    housing unit?
U PUBHS = 1 or LORNT = 1
V     000000 .Not applicable
V 000001-999999 = Total rent

D UTLPAYYN    1   2121
    Is there a utility payment for this unit?
U PUBHS = 1 or LORNT = 1
V          0 .Not applicable
V          1 .Yes
V          2 .No

D FULLRENT    6   2122
    What would the monthly rent be on this
    unit if the government were not paying
    part of the cost?
U PUBHS = 1 or LORNT = 1
V     000000 .Not in universe
V 000001 - 999999 = Total monthly rent

**********************************************
*    Geography:                              *
**********************************************

D STATE   16   2128
    FIPS State code from the GRIN file
V         00 .Nonmatch
V         01 .Alabama
V         04 .Arizona
V         05 .Arkansas
V         06 .California
V         08 .Colorado
V         09 .Connecticut
V         10 .Delaware
V         11 .District of Columbia
V         12 .Florida
V         13 .Georgia
V         15 .Hawaii
V         17 .Illinois
V         18 .Indiana
V         19 .Iowa
V         20 .Kansas
```

```
DATA          SIZE  BEGIN

V          21 .Kentucky
V          22 .Louisiana
V          23 .Maine
V          24 .Maryland
V          25 .Massachusetts
V          26 .Michigan
V          27 .Minnesota
V          29 .Missouri
V          30 .Montana
V          31 .Nebraska
V          32 .Nevada
V          33 .New Hampshire
V          34 .New Jersey
V          36 .New York
V          37 .North Carolina
V          38 .North Dakota
V          39 .Ohio
V          40 .Oklahoma
V          41 .Oregon
V          42 .Pennsylvania
V          44 .Rhode Island
V          45 .South Carolina
V          47 .Tennessee
V          48 .Texas
V          49 .Utah
V          50 .Vermont
V          51 .Virginia
V          53 .Washington
V          55 .Wisconsin
V          57 .Mississippi and West Virginia
V          58 .Idaho, New Mexico, South Dakota,
              .and Wyoming

D METRO    8   2144
    MSA status
V           0 .Not in sample or nonmatch
V           1 .Central city of an MSA or PMSA
V           2 .In an MSA or PMSA but not
              .central city
V           3 .Not in an MSA or PMSA

*********************************************
*   The following eight questions are       *
*   applicable for a person's first         *
*   interview only:                         *
*********************************************

D SC1332       2   2152
    How long did ... serve on active
    duty in the Armed Forces?
U Control Card Item 32a = 1
V          00 .Not in universe, not in
              .sample, or nonmatch
V          01 .Less than 6 months
V          02 .6 to 23 months
V          03 .2 to 19 years
V          04 .20 or more years
V          -1 .Don't know

D SC1334       2   2154
    Does ... have a service connected
    disability?
U Control Card Item 32a = 1

DATA          SIZE  BEGIN

V          00 .Not in universe, not in
              .sample, or nonmatch
V          01 .Yes
V          02 .No
V          -1 .Don't know

D SC1336       3   2156
    What is ... 's VA percent disability
    rating?
U Control Card Item 32a = 1
V         000 .Not in universe, not in
              .sample, or nonmatch
V         001 .1 percent to 10 percent
V         002 .11 percent to 29 percent
V         003 .30 percent to 49 percent
V         004 .50 percent
V         005 .51 percent to 89 percent
V         006 .90 percent to 99 percent
V         007 .100 percent
V         101 .No rating
V         -01 .Don't know
V         -02 .Refused
V         -03 .0 percent

D SC1346       2   2159
    What is the reason ... is getting
    Social Security? - Is it because ... is -
U Persons 18 to 64 years old who are receiving
  Social Security
V          00 .Not in universe, not in sample,
              .or nonmatch
V          01 .Retired?
V          02 .Disabled?
V          03 .Widow(ed) or surviving child?
V          04 .Spouse or dependent child?
V          05 .Some other reason
V          -1 .Don't know

D SC1348       2   2161
    Is there another reason ... receives
    Social Security?
U Persons 18 to 64 years old who are
  receiving Social Security
V          00 .Not in universe, not in sample,
              .or nonmatch
V          01 .Retired
V          02 .Disabled
V          03 .Widow(ed) or surviving child
V          04 .Spouse or dependent child
V          05 .No other reason
V          -1 .Don't know

D SC1360       1   2163
    Has ... ever retired from a job or
    business?
U Persons 40 years old and over
V           0 .Not in universe, not in sample,
              .or nonmatch
V           1 .Yes
V           2 .No
```

```
DATA          SIZE  BEGIN

D SC1418        1   2164
    Has ... ever been widowed or divorced?
U Currently married persons
V           0 .Not in universe, not in sample,
              .or nonmatch
V           1 .Widowed
V           2 .Divorced
V           3 .Both widowed and divorced
V           4 .No

D SC1456        1   2165
    Did ... 's late husband die while in
    the service or from a service-related
    injury?
U Persons who were ever widowed and currently
  receiving Veteran's compensation
V           0 .Not in universe, not in sample,
              .or nonmatch
V           1 .Yes, in the service
V           2 .Yes, from service-related injury
V           3 .No

*********************************************
*    Source Coded Medicare Items:           *
*                                           *
*    Persons 65 years old and over or       *
*    persons 15 to 64 years old who are     *
*    disabled.                              *
*********************************************

D SC1466-2      2   2166
    Last two characters of claim number from
    Medicare card

D SC1468        1   2168
    Type of Medicare coverage
V           0 .Not in universe or card not
              .available
V           1 .Hospital only (Type A)
V           2 .Medical only (Type B)
V           3 .Both hospital and medical
              .(Type A and Type B)
V           4 .Card not available

D SC1472        2   2169
    Does ... 's Medicare help pay for doctor
    bills?
V          00 .Not in universe
V          01 .Yes
V          02 .No
V          -1 .Don't know

D DISAB         1   2171
    Does ... have a physical, mental, or
    other health condition which limits the
    kind or amount of work ... can do?
V           0 .Not in universe (under 15 years
              .or age 70 and over), not in sample,
              .or nonmatch
V           1 .Ever disabled marked on the
              .Control Card
```

```
DATA          SIZE  BEGIN

D ATT-SCHL      8   2172
    During the past 4 months did ... attend
    school beyond the high school level
    including a college, university, or other
    school?
U Persons 17 to 49 years old
V           0 .Not in universe, not in sample,
              .or nonmatch
V           1 .Yes
V           2 .No

D SC1682       32   2180
    How much was ... 's total tuition and
    fees for the (semester/trimester/quarter
    /school term)?
U ATT-SCHL = 1
V        0000 .Not in universe, not in sample,
              .or nonmatch
V 0001 - 4000 = Total tuition and fees

D SC1690       32   2212
    What was the total amount of... 's
    educational assistance for the
    (semester/trimester/quarter/school term)?
V        0000 .Not in universe, not in sample,
              .or nonmatch
V 0001 - 4000 = Total amount

*********************************************
*    Recoded Income Fields For Persons,     *
*    Families, and Households               *
*********************************************

D PP-INC      256   2244
    Total persons income

D PP-EARN     224   2500
    Total persons earnings

D FF-INC      256   2724
    Total family income

D HH-INC      256   2980
    Total household income


*********************************************
*    Low Income Cutoff:                     *
*********************************************

D FF-POV$     160   3236
    Low income cutoff for this person's
    family

D PNLFILL       1   3396
    Padding

*********************************************
*    ESR Recode:                            *
*********************************************

D ESR          32   3397
    Employment status recode for each month
    of the reference period
```

```
DATA        SIZE  BEGIN

V            0 .Not applicable, not in sample,
               .or nonmatch
V            1 .With a job entire month, worked
               .all weeks
V            2 .With a job entire month, missed
               .one or more weeks, no time on
               .layoff
V            3 .With a job entire month, missed
               .one or more weeks, spent time on
               .layoff
V            4 .With job one or more weeks, no
               .time spent looking or on layoff
V            5 .With job one or more weeks, spent
               .one or more weeks looking or on
               .layoff
V            6 .No job during month, spent entire
               .month looking or on layoff
V            7 .No job during month, spent one or
               .more weeks looking or on layoff
V            8 .No job during month, no time spent
               .looking or on layoff

*********************************************
*     Recoded Labor Force:                  *
*********************************************

D WKSPER*   32   3429
    Number of weeks in each month of the
    reference period
V            0 . Not applicable, not in sample,
               .or nonmatch
V            4 .4 weeks
V            5 .5 weeks

D WKSJB   32   3461
    Number of weeks with a job or business
    for each month of the reference period
V            0 .0 weeks or not applicable, not
               .in sample, or nonmatc
V            1 .1 week
V            2 .2 weeks
V            3 .3 weeks
V            4 .4 weeks
V            5 .5 weeks (only applicable for
               .months with 5 weeks)

D WKSWOP*    32   3493
    Number of weeks without pay, at a job
    or business for each month of the
    reference period.
V            0 .0 weeks or not applicable,
               .not in sample, or nonmatc
V            1 .1 week
V            2 .2 weeks
V            3 .3 weeks
V            4 .4 weeks
V            5 .5 weeks (only applicable for
               .months with 5 weeks)

D WEEKSLK   32   3525
    Number of weeks looking for work or
    on layoff in each month of the reference
    period.

DATA        SIZE  BEGIN

V            0 .None or not applicable, not in
               .sample, or nonmatch
V            1 .1 week
V            2 .2 weeks
V            3 .3 weeks
V            4 .4 weeks
V            5 .5 weeks (only applicable for
               .months with 5 weeks)

D SC1230   16   3557
    In the weeks that ... worked during the
    4-month period, how many hours did ...
    usually work per week?
V          00 .Not in universe
V     01 - 99 .Hours per week
V          -3 .None

*********************************************
*  Recoded Wage and Salary Records:         *
*                                           *
*  Note:  The survey allows for two         *
*  separate jobs in each month.  These      *
*  jobs are designated by the suffix        *
*  attached to the variable name for each   *
*  variable shown below.                    *
*********************************************

D JOB-ID1    32   3573

D JOB-ID2    32   3605
    Check Item E3
    (Enter employer ID number from Contro.
    Card Item 42, or, if a new employer,
    enter next available number.)
V            0 .Not in universe, not in sample,
               .or nonmatch
V        1 - 9 .Employer ID number


D CLSSWRK1   32   3637

D CLSSWRK2   32   3669
    Was ... an employee of-
V            0 .Not in universe, not in sample,
               .or nonmatch
V            1 .A private company or individual
V            2 .Federal Government (exclude
               .Armed Forces)
V            3 .State government
V            4 .Local government
V            5 .Armed Forces
V            6 .Unpaid in family business or farm

D WS1-OCC        96   3701

D WS2-OCC        96   3797
    Edited and imputed 3-digit occupation code

D WS1-IND        96   3893

D WS2-IND        96   3989
    Edited and imputed 3-digit industry code
```

```
DATA          SIZE  BEGIN

D WS1-WKS*    32    4085

D WS2-WKS*    32    4117
    Number of weeks employed each month
V           0 .None or not in universe if
              .CLSSWRK = 6, not in
              .sample, or nonmatch
V           1 .1 week
V           2 .2 weeks
V           3 .3 weeks
V           4 .4 weeks
V           5 .5 weeks

D WS1-AMT*   192    4149

D WS2-AMT*   212    4341
    What is the amount of the earnings from
    this job for this month?
    (Amounts are in whole dollars)

D WS1-2024    64    4533

D WS2-2124    64    4597
    How many hours per week did ..
    usually work at this job?
V          00 .Not in universe, not in sample,
              .or nonmatch
V     01 - 99 .Hours
V          -3 .None

D WS1-2028   128    4661

D WS2-2128   128    4789
    What was ...'s regular hourly pay
    rate at the end of ... ?
    This field contains two implied decimals.
V        0000 .Not in universe, not in sample,
              .or nonmatch
V 0001 - 5999 = Hourly pay rate

********************************************
*  Recoded Self-Employment Records:        *
*                                          *
*  Note:  The survey allows for two        *
*  separate self-employment records for    *
*  each person in each month.  The         *
*  self-employment businesses are          *
*  designated by the suffix attached to    *
*  the variable name for each variable     *
*  shown below.                            *
********************************************

D SE1-2202    32    4917

D SE2-2302    32    4949
    Check Item S1
    Enter business ID number from Control
    Card Item 43, or, if a new business,
    enter next available number
V           0 .Not in universe, not in sample,
              .or nonmatch
V       1 - 9 .Business ID number

DATA          SIZE  BEGIN

D TYPEBUS1    32    4981

D TYPEBUS2    32    5013
    What was the form of this business?
V           0 .Not in universe, not in sample,
              .nonmatch or gross
              .earnings less than $1000
V           1 .Sole proprietorship
V           2 .Partnership
V           3 .Corporation

D SE1-OCC     96    5045

D SE2-OCC     96    5141
    Edited and imputed 3-digit occupation code

D SE1-IND     96    5237

D SE2-IND     96    5333
    Edited and imputed 3-digit industry code

D SE1-WKS*    32    5429

D SE2-WKS*    32    5461
    Number of weeks with business each month
V           0 .None, not in universe, not in sample,
              .or nonmatch
V           1 .1 week
V           2 .2 weeks
V           3 .3 weeks
V           4 .4 weeks
V           5 .5 weeks

D SE1-AMT*   192    5493

D SE2-AMT*   192    5685
    Amount of income received each month
    from this business.
    Amounts are in whole dollars

D SE1-2212    64    5877

D SE2-2312    64    5941
    How many hours per week did ..
    usually work at this business?
V          00 .Not in universe, not in sample,
              .or nonmatch
V     01 - 99 .Hours
V          -3 .None

********************************************
*  Recoded G1 Amounts Section:             *
*                                          *
*  Note:  Up to 10 separate sources of G1  *
*  type income are allowed for on this     *
*  file.  Different types are designated   *
*  by the suffix attached to the variable  *
*  names shown below.                      *
*                                          *
```

```
DATA        SIZE  BEGIN

*  Income Source Code [ISS]  (10 answer   *
*  fields)                                *
*  Source of income for this person in    *
*  this month                             *
*                                         *
*   00 .Not applicable, not in sample,    *
*      .or nonmatch                       *
*   01 .Social Security                   *
*   02 .Railroad Retirement               *
*   03 .Federal Supplemental Security     *
*      .Income (SSI)                      *
*   05 .State unemployment compensation   *
*   06 .Supplemental unemployment benefits*
*   07 .Other unemployment compensation   *
*   08 .Veteran's compensation or pensions*
*   10 .Workers 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                               *
*   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 benefits   *
*   40 .GI Bill education benefits        *
*   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 .State SSI/Black Lung/State        *
*      .temporary disability benefits/    *
*      .Indian, Cuban or refugee          *
*      .assistance/National Guard or      *
*      .Reserve forces retirement         *
*******************************************
```

```
DATA        SIZE  BEGIN

D G1SRC       20   6005

D G1-AMT    1600   6025
    Amount of this income type received in
    this month.   (Amounts are in whole
    dollars)

*******************************************
* Other Fields From the G1 Section:       *
*******************************************

D SSRECIND     8   7625
    Social Security recipiency indicator
V          0 .Not in universe
V          1 .Adult benefits received in own
             .name only
V          2 .Only adult benefits received jointly
             .with spouse
V          3 .Only child benefits received
V          4 .Adult benefits received in own name
             .and child benefits received
V          5 .Adult benefits received jointly
             .with spouse and child benefits
             .received

D RRRECIND     8   7633
    Railroad Retirement recipiency indicator
V          0 .Not in universe
V          1 .Adult benefits received in own
             .name only
V          2 .Only adult benefits received jointly
             .with spouse
V          3 .Only child benefits received
V          4 .Adult benefits received in own name
V            .and child benefits received
V          5 .Adult benefits received jointly
             .with spouse
V            .and child benefits received

D VET306D      2   7641
    Is ... required to fill out an annual
    income questionnaire for the Veterans'
    Administration?
V         00 .Not in universe or don't know
V         01 .Yes
V         02 .No
V         -1 .Don't know

*******************************************
*   Asset Ownership Summary:              *
*                                         *
*   The possible answers to the following *
*   asset ownership items are:            *
*                                         *
*   0 .Not applicable                     *
*   1 .Yes                                *
*   2 .No                                 *
*******************************************

D ASST100      8   7643
    ISS Code 100 - Savings accounts

D ASST101      8   7651
    ISS Code 101 - Money market accounts
```

```
DATA        SIZE  BEGIN

D ASST102     8    7659
    ISS Code 102 - Certificates of deposit

D ASST103     8    7667
    ISS Code 103 - NOW accounts

D ASST104     8    7675
    ISS Code 104 - Money market funds

D ASST105     8    7683
    ISS Code 105 - U.S. Government securities

D ASST106     8    7691
    ISS Code 106 - Municipal or corporate
    bonds

D ASST107     8    7699
    ISS Code 107 - Other interest earning
    assets

D ASST110     8    7707
    ISS Code 110 - Stocks or mutual funds

D ASST120     8    7715
    ISS Code 120 - Rental property

D ASST130     8    7723
    ISS Code 130 - Mortgages

D ASST140     8    7731
    ISS Code 140 - Royalties

D ASST150     8    7739
    ISS Code 150 - Other financial investments

**********************************************
*  Recoded G2 Amounts Section:               *
*  The possible answers to the following     *
*  asset income fields are:                  *
*                                            *
*  0 .Not applicable, not in sample,         *
*    .or nonmatch                            *
*  1 .Yes                                    *
*  2 .No                                     *
**********************************************

D G2SRC100    1    7747
    Interest from savings accounts, money
    market deposit accounts, certificates
    of deposit, and interest bearing checking
    accounts

D G2SRC104    1    7748
    Interest from money market funds,
    U.S. Government Securities, municipal
    or corporate bonds, and any other
    interest income (excluding mortgages)

D G2SRC110    1    7749
    Dividends from the ownership of stocks or
    mutual fund shares

DATA        SIZE  BEGIN

D G2SRC120    1    7750
    Net income from the rental of property

D G2SRC130    1    7751
    Interest income from mortgages held

D G2SRC140    1    7752
    Income from royalties and other financial
    investments

D G2AMT100  224    7753
    Interest from savings accounts, money
    market deposit accounts, certificates
    of deposit, and interest bearing checking
    accounts

D G2AMT104  224    7977
    Interest from money market funds,
    U.S. Government Securities, municipal
    or corporate bonds, and any other
    interest income (excluding mortgages)

D G2AMT110  224    8201
    Dividends from the ownership of stocks or
    mutual fund shares

D G2AMT120  224    8425
    Net income from the rental of property

D G2AMT130  224    8649
    Interest income from mortgages held

D G2AMT140  225    8873
    Income from royalties and other financial
    investments

*********************************************
*  Coverage Items:                          *
*********************************************

D CARECOV    32    9097
    Is this person covered by Medicare in this
    month?
V           0 .Not applicable if age under 15,
              .not in sample, or nonmatch
V           1 .Yes
V           2 .No

D CAIDCOV    32    9129
    Is this person covered by Medicaid in
    this month?
V           0 .Not applicable, not in sample,
              .or nonmatch
V           1 .Yes
V           2 .No

D WICCOV     32    9161
    Was this person covered by WIC for this
    month of the reference period?
V           0 .Not applicable, not in sample,
              .or nonmatch
V           1 .Yes
V           2 .No
```

```
DATA        SIZE  BEGIN

D AFDC       32   9193
    Was this person covered by AFDC income in
    this month?
V          0 .Not applicable, not in sample,
             .or nonmatch
V          1 .Yes
V          2 .No

D FOODSTP*   32   9225
    Was this person covered by food stamps in
    this month?
V          0 .Not applicable, not in sample,
             .or nonmatch
V          1 .Yes
V          2 .No

D GEN-ASST   32   9257
    Was this person covered by any general
    assistance income in this month?
V          0 .Not applicable, not in sample,
             .or nonmatch
V          1 .Yes
V          2 .No

D FOST-KID   32   9289
    Was this person covered by any foster
    child care payments in this month?
V          0 .Not applicable, not in sample,
             .or nonmatch
V          1 .Yes
V          2 .No

D OTH-WELF   32   9321
    Was this person covered by any other
    welfare payments in this month?
V          0 .Not applicable, not in sample,
             .or nonmatch
V          1 .Yes
V          2 .No

D SOC-SEC    32   9353
    Was this person covered by Social
    Security payments in this month?
V          0 .Not applicable, not in sample,
             .or nonmatch
V          1 .Yes
V          2 .No

D RAILRD*    32   9385
    Was this person covered by Railroad
    Retirement payments in this month?
V          0 .Not applicable, not in sample,
             .or nonmatch
V          1 .Yes
V          2 .No

D VETS       32   9417
    Was this person covered by Veteran's
    payments in this month?
V          0 .Not applicable, not in sample,
             .or nonmatch
V          1 .Yes
V          2 .No
```

```
DATA        SIZE  BEGIN

*********************************************
*  Private Health Insurance Coverage:       *
*********************************************

D HIOWNCOV   32   9449
V            .0 = Not in universe, not in sample,
             .or nonmatch
V          1 .Had health insurance in own name
V          2 .Did not have health insurance in own name

D HI-OTCOV   32   9481
V            .0 = Not in universe, not in sample,
             .or nonmatch
V          1 .Had health insurance thru someone
             .else's name
V          2 .Did not have health insurance coverage
V            .in someone else's name

D HIEMPLYR   32   9513
V          0 .Not in universe, not in sample,
             .or nonmatch
V          1 .Health insurance coverage obtained thru
V            .employer or previous employer
V          2 .Health insurance coverage not obtained
V            .thru employment

*********************************************
*  The following fields are for persons     *
*  covered by the selected types of         *
*  income: The field created is the index*
*  of the person from which coverage was    *
*  assigned.                                *
*********************************************

D SS-PIDX    64   9545
U SOC-SEC = 1
V         00 .Not in universe, not in sample,
             .or nonmatch
V    01 - 20 .Person record index

D RR-PIDX    64   9609
U RAILRD* = 1
V         00 .Not in universe, not in sample,
             .or nonmatch
V    01 - 20 .Person record index

D VA-PIDX    64   9673
U VETS = 1
V         00 .Not in universe, not in sample,
             .or nonmatch
V      01-20 .Person record index

D AFDCPIDX   64   9737
U AFDC = 1
V         00 .Not in universe, not in sample,
             .or nonmatch
V    01 - 20 .Person record index
```

```
DATA        SIZE  BEGIN

D GA-PIDX    64   9801
U GEN-ASST = 1
V          00 .Not in universe, not in sample,
              .or nonmatch
V    01 - 20 .Person record index

D FOSTPIDX   64   9865
U FOST-KID = 1
V          00 .Not in universe, not in sample,
              .or nonmatch
V    01 - 20 .Person record index

D OTH-PIDX   64   9929
U OTH-WELF = 1
V          00 .Not in universe, not in sample,
              .or nonmatch
V    01 - 20 .Person record index

D HIC-PIDX   64   9993
U HICCOV = 1
V          00 .Not in universe, not in sample,
              .or nonmatch
V    01 - 20 .Person record index

D FS-PIDX    64  10057
U FOODSTP* = 1
V          00 .Not in universe, not in sample,
              .or nonmatch
V    01 - 20 .Person record index

*********************************************
*   Imputation Flags for the 32-Month       *
*   Period:                                 *
*********************************************

D WS-IMP1    32  10121
    Subscript number = Job occurrence
V           0 .No imputations, not applicable,
              .not in sample, or nonmatch
V           1 .Monthly amount imputed

D WS-IMP2    32  10153
    Subscript number = Job occurrence
V           0 .No imputations, not applicable,
              .not in sample, or nonmatch
V           1 .Monthly amount imputed

D SE-IMP1    32  10185
  Subscript number = Business occurrence
V           0 .No imputations, not applicable,
              .not in sample, or nonmatch
V           1 .Monthly amount imputed

D SE-IMP2    32  10217
  Subscript number = Business occurrence
V           0 .No imputations, not applicable,
              .not in sample, or nonmatch
V           1 .Monthly amount imputed

*********************************************
*  Imputation flags for income source       *
*  as listed in G1SRC1 through G1SRC10      *
*********************************************

DATA        SIZE  BEGIN

D G1-IMP1    32  10249
V           0 .No imputations, not applicable,
              .not in sample, or nonmatch
V           1 .Monthly amount imputed

D G1-IMP2    32  10281
V           0 .No imputations, not applicable,
              .not in sample, or nonmatch
V           1 .Monthly amount imputed

D G1-IMP3    32  10313
V           0 .No imputations, not applicable,
              .not in sample, or nonmatch
V           1 .Monthly amount imputed

D G1-IMP4    32  10345
V           0 .No imputations, not applicable,
              .not in sample, or nonmatch
V           1 .Monthly amount imputed

D G1-IMP5    32  10377
V           0 .No imputations, not applicable,
              .not in sample, or nonmatch
V           1 .Monthly amount imputed

D G1-IMP6    32  10409
V           0 .No imputations, not applicable,
              .not in sample, or nonmatch
V           1 .Monthly amount imputed

D G1-IMP7    32  10441
V           0 .No imputations, not applicable,
              .not in sample, or nonmatch
V           1 .Monthly amount imputed

D G1-IMP8    32  10473
V           0 .No imputations, not applicable,
              .not in sample, or nonmatch
V           1 .Monthly amount imputed

D G1-IMP9    32  10505
V           0 .No imputations, not applicable,
              .not in sample, or nonmatch
V           1 .Monthly amount imputed

D G1-IMP10   32  10537
V           0 .No imputations, not applicable,
              .not in sample, or nonmatch
V           1 .Monthly amount imputed

*********************************************
*  Imputation flags for asset type          *
*  listed in G2SRC100 through G2SRC140:     *
*********************************************

D G2IMP100   32  10569
V           0 .No imputations, not applicable,
              .not in sample, or nonmatch
V           1 .Monthly amount imputed
```

```
DATA        SIZE  BEGIN

D G2IMP104    32  10601
V              0 .No imputations, not applicable,
                 .not in sample, or nonmatch
V              1 .Monthly amount imputed

D G2IMP110    32  10633
V              0 .No imputations, not applicable,
                 .not in sample, or nonmatch
V              1 .Monthly amount imputed

D G2IMP120    32  10665
V              0 .No imputations, not applicable,
                 .not in sample, or nonmatch
V              1 .Monthly amount imputed

DATA        SIZE  BEGIN

D G2IMP130    32  10697
V              0 .No imputations, not applicable,
                 .not in sample, or nonmatch
V              1 .Monthly amount imputed

D G2IMP140    32  10729
V              0 .No imputations, not applicable,
                 .not in sample, or nonmatch
V              1 .Monthly amount imputed
```

SOURCE AND ACCURACY STATEMENT FOR THE SURVEY OF INCOME AND PROGRAM PARTICIPATION (SIPP) 1984 LONGITUDINAL PANEL FILE

Source Of Data

The data were collected during the first eight interviews of the 1984 panel of the Survey of Income and Program Participation (SIPP). The SIPP universe is the noninstitutionalized resident population living in the United States. This 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. With the exceptions noted above, persons who were at least 15 years of age at the time of the interview were eligible to be interviewed in the survey.

The 1984 panel SIPP sample is located in 174 areas comprising 450 counties (including one partial county) and independent cities. Within these areas, clusters of two to four living quarters were systematically selected from lists of addresses prepared for the 1970 decennial census to form the bulk of the sample. To account for living quarters built within each of the sample areas after the 1970 census, a sample was drawn of permits issued for construction of residential living quarters through March 1983. In jurisdictions that do not issue building permits, small land areas were sampled and the living quarters within were listed by field personnel and then subsampled. In addition, sample living quarters were selected from a supplemental frame that included new construction for which building permits were issued prior to January 1, 1970, but for which construction was not completed until after April 1, 1970.

Sample households within the panel are divided into four subsamples of nearly equal size. These subsamples are called rotation groups, (denoted by 1, 2, 3, or 4), and one rotation group is interviewed each month. Each household in the sample was scheduled to be interviewed at four month intervals over a period of 2 1/2 years beginning in October 1983. The reference period for the questions is the four 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. Waves 2 and 8, however, contain only three interviews and cover only 3/4 of the sample.

The period covered by the 1984 longitudinal panel file consists of the first 32 interview months (eight interviews) of the survey (October 1983 - May 1986). Data for up to 32 reference months are available for each person on the file, with the specific months depending on the person's rotation group and his/her sample entry or exit date. However, data from all four rotation groups (i.e., the full sample) are available only for reference months September 1983 through January 1986, inclusive. Also note that the availability of data on household composition begins with the first interview month of a rotation group.

Table 1 indicates the reference months and interview months for the collection of data from each rotation group of the 1984 longitudinal panel file. For example, rotation group 2 was first interviewed in November 1983 and data for the reference months July 1983 through October 1983 were collected. This rotation group was interviewed for the eighth and last time in March 1986 to collect data for November 1985 through February 1986. Table 1 also shows that 1984 calendar year (84CY) data were collected in interview months February 1984 to April 1985 and that 1985 calendar year (85CY) data were collected exactly one year later. Data from all four rotation groups are available for each reference month of the 1984 and 1985 calendar years.

Approximately 26,000 living quarters were originally designated for the sample. For Wave 1, interviews were obtained from the occupants of about 19,900 of the 26,000 designated living quarters. Most of the remaining 6,100 living quarters were found to be vacant, demolished, converted to nonresidential use, or otherwise ineligible for the survey. However, approximately 1,000 of the 6,100 living quarters were not interviewed because the occupants refused to be interviewed, could not be found at home, were temporarily absent, or were otherwise unavailable. Thus, occupants of about 95 percent of all eligible living quarters participated in Wave 1 of the survey.

For subsequent waves, only original sample persons (those interviewed in the first wave) and persons living with them were eligible to be interviewed. Original sample persons were followed if they moved to a new address, unless the new address was more than 100 miles from a SIPP sample area. Then, telephone interviews were attempted. All Wave 1 noninterviewed households were automatically designated as noninterviews for all subsequent waves. When original sample persons moved to remote parts of the country, moved without leaving a forwarding address or refused to be interviewed, additional noninterviews resulted.

For panel, 84CY, and 85CY weighting procedures, a person was classified as interviewed or noninterviewed based on the following definitions. (Note that a person may be classified differently for calculating different weights). Interviewed sample persons were defined to be (1) those for whom self or proxy responses were obtained for each month of the appropriate longitudinal period or (2) those for whom self or proxy responses were obtained for the first month of the appropriate longitudinal period and for each subsequent month until they were known to have died or moved to an ineligible address (foreign living quarters, institutions, or military barracks). The months for which persons were deceased or residing in an ineligible address were identified on the file. Noninterviewed persons were defined to be those for whom neither self nor proxy responses were obtained for one or more months of the appropriate longitudinal period (but not because they were deceased or moved to an ineligible address). For panel weighting only, all members of a household were excluded from the weighting procedure if one or more members had no self or proxy responses for Wave 1. (The processing system was unable to handle persons in this type of Wave 1 household.)

Approximately 52,800 persons were counted as initially interviewed. (This count excludes about 1,300 interviewed persons who were members of households in which one or more members were noninterviews.) In all, approximately 64,500 persons were included on the longitudinal file. In the panel weighting procedure, approximately 32,400 persons were classified as interviewed. The 84CY weighting procedure classified about 40,400 persons as interviewed; while for 85CY weighting the interviews totaled approximately 35,000. Persons who missed interviews due to the March 1985 sample cut were not classified as noninterviews but were adjusted for in the weighting procedure by a special factor (see "Estimation of Person Characteristics"). Panel, 84CY, and 85CY person nonresponse rates are estimated to be 30, 15, and 33 percent, respectively. Some respondents did not respond to some of the questions; therefore, item nonresponse rates, especially for sensitive income and money related items, is higher than the person nonresponse rates given above.

Estimation

In the estimation procedure described below, all persons classified as interviewed for a given longitudinal period, i.e., panel, 84CY, or 85CY, are assigned positive weights for that period, while those classified as noninterviewed are assigned zero weights.

Estimation of Person Characteristics. Essentially the same estimation procedure was used to derive each of the three sets of SIPP longitudinal person weights. Several stages of weight adjustments were involved. Each person received a base weight equal to the inverse of his/her probability of selection. Two noninterview adjustment factors were applied. One adjusted the weights of interviewed persons in interviewed households to account for persons who were eligible for the sample but could not be interviewed at the first interview. The second was applied to compensate for person noninterviews occurring in subsequent interviews. Another 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.

Table 1. Reference Months for Each Interview Month - 1984 Longitudinal Panel File

Month of Interview	Wave	Rotation Group	Reference Month (1983) (1984) (1985) (1986)
October 1983	1	1	Jun, Jul, Aug, Sept
November	1	2	Jul, Aug, Sept, Oct
December	1	3	Aug, Sept, Oct, Nov
January 1984	1	4	Sept, Oct, Nov, Dec
February	2	1	Oct, Nov, Dec, Jan
March	2	2	Nov, Dec, Jan, Feb
April	2	3	Dec, Jan, Feb, Mar
May	3	4	Jan, Feb, Mar, Apr
June	3	1	Feb, Mar, Apr, May
July	3	2	Mar, Apr, May, Jun
August	3	3	Apr, May, Jun, Jul
September	4	4	May, Jun, Jul, Aug
October	4	1	Jun, Jul, Aug, Sept
November	4	2	Jul, Aug, Sept, Oct
December	4	3	Aug, Sept, Oct, Nov
January 1985	5	4	Sept, Oct, Nov, Dec
February	5	1	Oct, Nov, Dec, Jan
March	5	2	Nov, Dec, Jan, Feb
April	5	3	Dec, Jan, Feb, Mar
May	6	4	Jan, Feb, Mar, Apr
June	6	1	Feb, Mar, Apr, May
July	6	2	Mar, Apr, May, Jun
August	6	3	Apr, May, Jun, Jul
September	7	4	May, Jun, Jul, Aug
October	7	1	Jun, Jul, Aug, Sept
November	7	2	Jul, Aug, Sept, Oct
December	7	3	Aug, Sept, Oct, Nov
January 1986	8	4	Sept, Oct, Nov, Dec
February	8	1	Oct, Nov, Dec, Jan
March	8	2	Nov, Dec, Jan, Feb
April	9	3	Dec, Jan, Feb, Mar
May	9	4	Jan, Feb, Mar, Apr

An additional stage of adjustment to longitudinal person weights was performed to reduce the mean square error of the survey estimates. This was accomplished by bringing the sample estimates into agreement with monthly Current Population Survey (CPS) type estimates of the civilian (and some military) noninstitutional population of the United States by age, sex, race, Hispanic ethnicity, and householder/not householder status as of the specified control date. The control dates for the panel, 84CY, and 85CY weights were November 1, 1983; January 1, 1984; and January 1, 1985, respectively. The CPS estimates 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.

Use of Person Weights. Each person on the 1984 longitudinal panel file has three longitudinal person weights (some of which may be zero) for estimation of panel, 84CY, and 85CY person characteristics and two longitudinal household factors to be used only for exploratory estimates of household and family characteristics. We strongly recommend that all nonexploratory analysis be confined to person analysis using the longitudinal person weights. For example, using 84CY person weights, one can estimate the number of persons receiving food stamps from January through March of 1984. Also, we recommend the use of longitudinal person weights for person characteristics based on household attributes. For example, using panel person weights, one can estimate the number of persons living in households which received food stamps during the period covered by the 1984 panel.

Person estimates, especially spell and transition estimates, tabulated from the 1984 SIPP longitudinal panel file should be considered preliminary and subject to revision. This file was created for purposes of survey research and evaluation, and the Bureau of the Census will continue to examine the data, correcting and improving the computer processing and estimation procedures where appropriate.

All estimates may be divided into two broad categories: longitudinal and cross-sectional. Longitudinal estimates require that data records for each person be linked across interviews, cross-sectional estimates do not. For example, annual income estimates obtained by summing the 12 monthly income amounts for each person would require linking records and so would be longitudinal estimates. Because there is no linkage between interviews, cross-sectional estimates can combine data from different interviews only at the aggregate level. Longitudinal person weights were developed for longitudinal estimation, but may be used for cross-sectional estimation as well. However, note that wave files with cross-sectional weights are also produced for the SIPP. Because of the larger sample size available on the wave files, it is recommended that these files be used for cross-sectional estimation, if possible.

In this section it is assumed that all four rotation groups are used for estimation. If an estimate covers a time period for which data from some rotation groups are unavailable, refer to the section "Adjusting Estimates Which Use Less Than the Full Sample."

Some basic types of longitudinal and cross-sectional estimates which can be constructed using longitudinal person weights are described below in terms of estimated numbers. Of course, more complex estimates, such as percents, averages, ratios, etc., can be constructed from the estimated numbers. Longitudinal person weights can be used to construct the following types of longitudinal estimates:

1. The number of persons who have ever experienced a characteristic during a given time period.

   To construct such an estimate, use the longitudinal person weight (panel, 84CY, or 85CY) for the shortest time period which covers the time period of interest, summing the weights over all persons who possessed the characteristic of interest at some point during the time period of interest. For example, to estimate the number of persons who ever received food stamps during the last six months of 1985 use the 85CY longitudinal person weight.

2. The amount of a characteristic accumulated by persons during a given time period.

To construct such an estimate, use the longitudinal person weight for the shortest time period which covers the time period of interest. Then compute the product of the weight times the amount of the characteristic and sum this product over all appropriate persons. For example, to estimate the aggregate 1985 annual income of persons who were employed during all 12 months of the year use the 85CY longitudinal person weight.

3. The average number of consecutive months of possession of a characteristic (i.e., the average spell length for a characteristic) during a given time period.

For example, one could estimate the average length of each spell of receiving food stamps during 1985. Also, one could estimate the average spell of unemployment that elapsed before a person found a new job. To construct such an estimate, first identify the persons who possessed the characteristic at some point during the time period of interest. Then, create two sums of these person's appropriate longitudinal weights: (1) sum the product of the weight times the number of months the spell lasted and (2) sum the weights only. Now, the estimated average spell length is given by (1) divided by (2). A person who experienced two spells during the time period of interest would be treated as two persons and appear twice in sums (1) and (2). An alternate method of calculating the average can be found in the section "Standard Error of a Mean or Aggregate."

4. The number of month-to-month changes in the status of a characteristic (i.e., number of transitions) summed over every set of two consecutive months during the time period of interest. To construct such an estimate, sum the appropriate longitudinal person weight each time a change is reported between two consecutive months during the time period of interest. For example, to estimate the number of persons who changed from receiving food stamps in July 1985 to not receiving in August 1985 add together the 85CY longitudinal person weights of each person who had such a change. To estimate the number of changes in monthly salary income during the third quarter of 1985 sum together the estimate of number of persons who made a change between July and August and between August and September.

Note that spell and transition estimates should be used with caution because of the biases that are associated with them. Sample persons tend to report the same status of a characteristic for all four months of a reference period. This tendency results in a bias toward reported spell lengths that are multiples of four months. This tendency also affects transition estimates in that, for many characteristics, the number of month-to-month transitions reported between the last month of one reference period and the first month of the next reference period are much greater than the number of reported transitions between any two months within a reference period. Additionally, spells extending before or after the time period of interest are cut off (censored) at the boundaries of the time period. If they are used in estimating average spell length, a downward bias will result.

Also using longitudinal person weights one can construct the following type of cross-sectional estimate.

5. Monthly estimates of a characteristic averaged over a number of consecutive months.

For example, one could estimate the monthly average number of food stamp recipients over the months July through December 1985. To construct such an estimate, first form an estimate for each month in the time period of interest. Use the longitudinal person weight for the shortest time period which covers that month, summing over all persons who possessed the characteristic of interest during the month of interest. Then, sum the monthly estimates and divide by the number of months.

Estimation of Household Characteristics. To facilitate exploratory research based upon the Census Bureau's provisional longitudinal household definition, two different longitudinal household weights, termed adjustment factor 1 and adjustment factor 2, were created for each longitudinal household each month. These factors were then assigned to every member of the longitudinal household each month. The primary difference between the factors is that for married-couple households adjustment factor 1 was derived jointly from the panel longitudinal person weights of the householder and spouse, while adjustment factor 2 was derived solely from the panel longitudinal person weight of the householder.

For each month, five data fields are included on the longitudinal panel file to facilitate creation of household level estimates: (1) current household type, (2) key person, (3) other household member, (4) adjustment factor 1, (5) adjustment factor 2. Definitions of fields (1) through (3) as well as the provisional definitions of longitudinal household, original household, and successor household are provided below. In this section "month" refers to reference month unless stated otherwise.

Longitudinal Household

A longitudinal household is a household which exists during at least one month, but which may continue to exist for more than one month. A longitudinal household continues from one month to the next, if it has the same householder (and spouse, if present in the household), and if it is the same household type, where household type is defined below.

Current Household Type. Households are classified by type in the current month where household types are: (1) married-couple household, (2) other family household, male householder, (3) other family household, female householder, (4) non-family household, male householder, (5) non-family household, female householder.

Original Household. A household existing at the beginning of the survey, i.e., a household which exists during the first interview month of the rotation group.

Successor Household. A household which is not an original household but which does exist during at least one month as an off-shoot of an original household. A successor household must exist during at least one month succeeding the first interview month of the rotation group, and must have a key person (see definition below) who was a member of an original household.

Key Person. In married-couple longitudinal households both the householder and the householder's spouse are key persons. In all other types of longitudinal households, there is only one key person - the householder. In married-couple households at least one key person must have entered the sample at Wave 1. In all other household types, the key person must have entered the sample at Wave 1.

Other Household Member. A person who, during a specific month, is a member of a longitudinal household but is not a key person.

Adjustment factors 1 and 2 are presented in Figure 1. In examining Figure 1, keep the following principles in mind: Adjustment factors 1 and 2 are always derived from the panel longitudinal person weight(s) of an original householder (and/or key person). For every successor household, where the current month householder (and/or spouse) was a member of an original household, it is the householder (and/or spouse) of the original household who supplies the panel longitudinal person weight from which the adjustment factors are derived.

Figure 1*

	Original Households		Successor Households					
	Married Couple	Other	Married Couple				Other	
			HHer entered sample in Wave 1		HHer entered sample in Wave 2+		HHer entered sample in Wave 1	HHer entered sample in Wave 2+
			Other KP entered sample in Wave 1	Other KP entered sample in Wave 2+	Other KP entered sample in Wave 1	Other KP entered sample in Wave 2+		
AF1	mean LPW of two key persons	LPW of HHer	first monthly value of AF1	1/2 first monthly value of AF1	1/2 first monthly value of AF1	Zero[1]	first monthly value of AF1	Zero[1]
AF2	LPW of HHer	LPW of HHer	first monthly value of AF2	first monthly value of AF2	Zero[1]	Zero[1]	first monthly value of AF2	Zero[1]

*AF1 = Adjustment factor 1; AF2 = Adjustment factor 2:
LPW = Panel longitudinal person weight; Wave 2+ = Wave 2 or later wave
HHer = Current month householder; KP = Current month key person
[1]These cells are added for completeness. By definition, these are not successor households.

Note: The situation where a successor household is formed by the merging of two Wave 1 households is not covered in figure 1. Persons in such households cannot be linked to their original household and so are treated as if they entered the sample in Wave 2+.

Use of Household Weights. Adjustment factor 1, adjustment factor 2, and the related data fields are intended to provide the basis for exploratory household and family estimates. For example, by using adjustment factor fields for key persons (in married couple households, one key person must be selected) with additional variables, estimates pertaining to longitudinal households can be derived for statements equivalent to the following: "During the period from month 'A' to month 'B,' there were 'C' households with characteristics 'D'." An example of such a statement would be: "During the period from January to December 1985, there were 'C' households which received food stamps for 10 or more months." All such estimates should be considered exploratory, because the adjustment factors do not explicitly take into account several possible sources of bias, including differential attrition from the sample, with the result that the estimates may, even as national estimates, be subject to substantial bias. The purpose of including these data fields on the longitudinal panel file is to facilitate analyses that may be useful in developing improved longitudinal household weights. Although the exploratory adjustment factors may be useful for other purposes, the Census Bureau intends that these factors be used for only this one purpose.

Exploratory household (family) estimates can be formed using either adjustment factor 1 or adjustment factor 2. At present, there is insufficient evidence to recommend one factor over the other in any given situation. To form exploratory household (family) estimates, use the *adjustment factor* deemed appropriate, summing over all households (families) possessing the characteristic of interest. Note that both adjustment factors for a household will remain the same for each month the household exists. Therefore, the appropriate adjustment factor for a household can be taken from any month of a household's existence. Also, note that the adjustment factors assigned to each member of a household actually apply to the entire household. As an example of the use of these adjustment factors, suppose one had an independent estimate of the number of households which received food stamps for 10 months or more during 1985 and wanted to compare it to the SIPP estimate. To construct the SIPP estimate, first, using appropriate data fields (e.g., current household type, key person), identify all households which existed for exactly 10, 11, and 12 months during 1985; then sum adjustment factor 1 or adjustment factor 2 over all of the identified households which received food stamps for the appropriate time period.

Adjusting Estimates Which Use Less Than the Full Sample. All four rotation groups of data are not available for reference months June through August 1983 or February through April 1986 (see Table 1). If the time period of interest for a given estimate (of person or household characteristics) includes these months, the estimate may need to be adjusted in some way to account for the missing rotation groups. For longitudinal estimates (types 1-4) this adjustment factor equals four divided by the number of rotation groups contributing data. For example, if the time period of interest for a given estimate is August 1983, then data will be available only from rotation groups 1, 2, and 3. Therefore, a factor of $4/3 = 1.3333$ will be applied. To estimate the number of persons ever unemployed in the third quarter of 1983, only data from rotation groups 1 and 2 are available. Thus, a factor of $4/2 = 2$ will be applied.

Note that, if the given estimate is an average of monthly estimates (estimate type 5), then the number of rotation groups and the factor used will be determined independently for each month in the average and the adjusted monthly estimates will be averaged together in the usual way. For example, to estimate the average number of persons unemployed per month in the third quarter of 1983, the July, August, and September data will be multiplied by 4/2, 4/3, and 1, respectively, before being summed together and divided by three.

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.

Note that estimates from this sample for individual states are subject to very high sampling errors 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.

Nonsampling Variability. Nonsampling errors can be attributed to many sources, e.g., inability to obtain information about all cases in the sample, definitional difficulties, differences in the interpretation of questions, inability or unwillingness on the part of the respondents to provide correct information, inability to recall information, errors made in collection such as in recording or coding the data, errors made in processing the data, errors made in estimating values for missing data, biases resulting from the differing recall periods caused by the rotation pattern used, and failure of all units in the universe to have some probability of being selected for the sample (undercoverage). Quality control and edit procedures were used to reduce errors made by respondents, coders and interviewers.

Undercoverage in SIPP results from missed living quarters and missed persons within sample households. It is known that undercoverage varies with age, race, and sex. Generally, undercoverage is larger for males than for females and larger for blacks than for nonblacks. Ratio estimation to independent age-race-sex population controls partially corrects for the bias due to survey undercoverage. However, biases exist in the estimates to the extent that persons in missed households or missed persons in interviewed households have 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 decennial census.

The Bureau has used complex techniques to adjust the weights for nonresponse, but the success of these techniques in avoiding bias is unknown.

Comparability with Other Estimates. Caution should be exercised when comparing data from this file with data from other SIPP publications or with data from other surveys. The comparability problems are caused by the seasonal patterns for many characteristics, by different nonsampling errors, and by different concepts and procedures.

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

Uses And Computation Of Standard Errors

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

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

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

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

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

Hypothesis Testing. Standard errors may also be used for hypothesis testing, a procedure for distinguishing between population characteristics using sample estimates. The most common types of hypotheses tested are (1) the population characteristics are identical versus, and (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. We recommend that users report only those differences that are significant at the 10 percent level or better. 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, 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, if a large number of tests are performed, 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. Also, nonsampling error in one or more of the small number of cases providing the estimate can cause large relative error in that particular estimate. Therefore, 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. 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.

Computation of Standard Error Parameters. In this section we discuss the adjustment of base "a" and "b" parameters to provide "a" and "b" parameters appropriate for each type of longitudinal and cross-sectional estimate described in the section "Use of Person Weights." Later sections will discuss the use of the adjusted parameters in various formulas to compute standard errors of estimated numbers, percents, averages, etc. Tables 4, 5, and 6 provide the base "a" and "b" parameters needed to compute approximate standard errors for estimates using panel, 84CY, and 85CY weights, respectively. Table 7 provides additional factors to be used for averages of monthly cross-sectional estimates. These factors are needed for two reasons: the monthly estimates are correlated and averaging over a greater number of monthly estimates will produce an average with a smaller standard error. Table 8 gives correlations between quarterly and yearly averages of cross-sectional estimates. These correlations are used in the formula for the standard error of a difference Formula (11). If household estimates have been produced using adjustment factor 1 or adjustment factor 2, then follow the procedures described below, but use the household "a" and "b" parameters in Table 4.

The creation of appropriate "a" and "b" parameters for the previously discussed types of estimates are described below. Again, it is assumed that all four rotation groups are used in estimation. If not, refer to the section "Adjusting Standard Errors of Estimates Which Use Less Than the Full Sample."

1. The number of persons who have ever experienced a characteristic during a given time period.

   The appropriate "a" and "b" parameters are taken directly from Tables 4, 5, or 6. The choice of parameter depends on whether panel, 84CY, or 85CY weights were used, on the characteristic of interest, and on the demographic subgroup of interest.

2. Amount of a characteristic accumulated by persons during a given time period.

   The appropriate "b" parameters are also taken directly from Tables 4, 5, or 6.

3. The average number of consecutive months of possession of a characteristic per spell (i.e., the average spell length for a characteristic) during a given time period.

   Start with the appropriate base "a" and "b" parameters from Tables 4, 5, or 6. The parameters are then inflated by an additional factor, g, to account for persons who experience multiple spells during the time period of interest. This factor is computed by:

$$g = \frac{\sum_{i=1}^{n} m_i^2}{\sum_{i=1}^{n} m_i} \qquad (1)$$

   where there are n persons with at least one spell and m_i is the number of spells experienced by person i during the time period of interest.

4. The number of month-to-month changes in the status of a characteristic (i.e., number of transitions) summed over every set of two consecutive months during the time period of interest.

   Obtain a set of adjusted "a" and "b" parameters exactly as just described in 3, then multiply these parameters by an additional factor. Use 1.0000 if the time period of interest is two months and 2.0000 for a longer time period. (The factor of 2.0000 is based on the conservative assumption that each spell produces two transitions within the time period of interest.)

5. Monthly estimates of a characteristic averaged over a number of consecutive months.

   Appropriate base "a" and "b" parameters are taken from Tables 4, 5, or 6. If more than one longitudinal weight has been used in the monthly average, then there is a choice of parameters from two or more of Tables 4, 5, and 6. Choose the table which gives the largest parameter. Next, multiply the base "a" and "b" parameters by the factor from Table 7 corresponding to the number of months in the average.

Adjusting Standard Error Parameters for Estimates which Use Less Than the Full Sample. If some rotation groups are unavailable to contribute data to a given estimate, then the estimate and its standard error need to be adjusted. The adjustment of the estimate is described in a previous section. The standard error of a longitudinal estimate (types 1-4) is adjusted by multiplying the appropriate "a" and "b" parameters by a factor equal to four divided by the number of rotation groups contributing data to the estimate. Note that the parameters for the standard error of an average must still be adjusted according to this rule, even though the average itself is unaffected by the adjustment for missing rotation groups.

For the standard error of cross-sectional estimates which cover only one month, the factor can be computed as just described or it can be taken from Table 3, where the factor is given for each single reference month, June 1983 to April 1986. For the standard error of quarterly averages of monthly estimates which use less than the full sample, special factors are used, also given in Table 3 for the third quarter of 1983 to the first quarter of 1986.

As an example, suppose we want a standard error for the estimated number of females who have ever received food stamps during the third quarter of 1983. The appropriate "a" and "b" parameters are -0.0002380 and 22,392, respectively (from Table 4). Because only two rotation groups are available for this estimate (see Table 1), a factor of 4/2 = 2.0000 would be applied to obtain final "a" and "b" parameters of -0.0004760 and 44,784, respectively. Suppose that instead, we were interested in the cross-sectional estimate of the average monthly number of female food stamp recipients for the third quarter of 1983. In that case a factor of

1.2222 (from Table 3) would be applied to obtain final "a" and "b" parameters of -0.0002908 and 27,368, respectively. Note that only panel "a" and "b" parameters will be affected by this adjustment; no such adjustment is ever needed for 84CY and 85CY parameters.

Standard Errors of Estimated Numbers. The approximate standard error of an estimated number can be obtained by using formula (2):

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

Here x is the estimated number and "a" and "b" are the parameters associated with the particular type of characteristic for the appropriate longitudinal time period, i.e., panel, 84CY, or 85CY.

Illustration. Suppose the SIPP estimate of the number of persons ever receiving Social Security during the last three months of 1983 is 34,122,000. (This estimate is obtained using the panel weights.) The appropriate "a" and "b" parameters to use in calculating a standard error for the estimate are obtained from Table 4. They are a = -0.0001241, b = 22,392, respectively. Using formula (2), the approximate standard error is

$$\sqrt{(-0.0001241)\ (34,122,000)^2 + (22,392)\ (34,122,000)} \doteq 787,000.$$

The 90-percent confidence interval as shown by the data is from 32,863,000 to 35,381,000. Therefore, a conclusion that the average estimate derived from all possible samples lies within a range computed in this way would be correct for roughly 90 percent of all samples. Similarly, using twice the standard error, we could conclude that the average estimate derived from all possible samples lies within the interval 32,548,000 to 35,696,000 with 95 percent confidence.

Standard Error of a Mean or Aggregate. A mean is defined here to be the average quantity of some characteristic (other than the number of persons, families, or households) per person, family, or household. An aggregate is defined to be the total quantity of some characteristic summed over all units in a subpopulation. For example, a mean could be the average annual income of females age 25 to 34; an aggregate, the total annual income for that subpopulation. The standard error of a mean can be approximated by formula (3) below and the standard error of an aggregate can be approximated by formula (4). Because of the approximations used in developing formulas (3) and (4), an estimate of the standard error of the mean or aggregate obtained from these formulas will generally underestimate the true standard error. The formula used to estimate the standard error of a mean, x, is

$$s_{\bar{x}} = \sqrt{\frac{b}{y}\, s^2}, \qquad (3)$$

where y is the base, s^2 is the estimated population variance of the characteristic and b is the "b" parameter associated with the particular type of characteristic. The standard error of an aggregate k is estimated by:

$$s_k = \sqrt{b\ y\ s^2}, \qquad (4)$$

The population variance, s^2, may be estimated by one of two methods: the first method uses data that has been grouped into intervals, the second method uses ungrouped data. The second method is recommended because it is more precise. However, the first method will be easier to implement if grouped data is already being used as part of the analysis. In both methods it is assumed x_i is the value of the characteristic for person i.

To use the first method, the range of values for the characteristic is divided into c intervals, where the lower and upper boundaries of interval j are Z_{j-1} and Z_j, respectively. Each person is placed into one of the c groups such that the value of the characteristic is between Z_{j-1} and Z_j. The estimated population variance, s^2, is then given by:

$$s^2 = \sum_{j=1}^{c} p_j\, m_j^2 - \bar{x}^2, \qquad (5)$$

where p_j is the estimated proportion of persons in group j (based on weighted data), and $m_j = (Z_{j-1} + Z_j)/2$. The most representative value of the characteristic 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:

$$\bar{x} = \sum_{j=1}^{c} p_j m_j. \qquad (6)$$

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

$$s^2 = \frac{\sum_{i=1}^{n} w_i\, x_i^2}{\sum_{i=1}^{n} w_i} - \bar{x}^2, \qquad (7)$$

where there are n sample persons with the characteristic of interest and w_i is the final weight for person i (note that $\sum w_i = y$). The mean, $\bar{x}$, can be obtained from the formula

$$\bar{x} = \frac{\sum_{i=1}^{n} w_i x_i}{\sum_{i=1}^{n} w_i}. \qquad (8)$$

Illustration of Method 1. Suppose that the 1985 distribution of annual Incomes are given in Table 2 for persons aged 25 to 34 who were employed for all 12 months of 1985.

Table 2. Distribution of Annual Income Among Persons 25 To 34 Years Old

	Total	under $5000	$5000 to $7499	$7500 to $9999	$10000 to $12499	$12500 to $14999	$15000 to $17499	$17500 to $19999	$20000 to $29999	$30000 to $39999	$40000 to $49999	$50000 to $59999	$60000 to $69999	$70000 and over
Persons (in thousands)	39,851	1371	1651	2259	2734	3452	4278	6789	4730	3723	2519	2919	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

The mean annual cash income from formula (6) is

$$\bar{x} = \frac{1,371}{39,851}(2,500) + \frac{1,651}{39,851}(6,250) + \ldots + \frac{1,493}{39,851}(105,000)$$

$$= \$26,717.$$

Using formula (5) and the mean annual cash income of $26,717 the estimated population variance, s^2, is

$$s^2 = \frac{1,371}{39,851}(2,500)^2 + \frac{1,651}{39,851}(6,250)^2 + \ldots + \frac{1,493}{39,851}(105,000)^2 - (26,717)^2$$

$$= 468,331,633.$$

The appropriate "b" parameter from Table 6 is 7,607. Now, using formula (3), the estimated standard error of the mean is

$$s_{\bar{x}} = \sqrt{\frac{7,607}{39,851,000}(468,331,633)} = \$299$$

Illustration of Method 2. Suppose that we are interested in estimating the average length of spells of food stamp recipiency during the calendar year 1984 for a given subpopulation. Also, suppose there are only 10 sample persons in the subpopulation who were food stamp recipients. (This example is for illustrative purposes only; actually, 10 sample cases would be too few for a reliable estimate.) The number of consecutive months of food stamp recipiency during 1984 and the 84CY weight are given below for each sample person:

Sample Person	Spell Length (in months)	Final Weight
1	4,3	5,300
2	5	7,100
3	9	4,900
4	3,3,2	6,500
5	12	9,200
6	12	5,900
7	4,1	7,600
8	7	4,200
9	6	5,500
10	4	5,700

Using formula (8), the average spell of food stamp recipiency is estimated to be

$$\bar{x} = \frac{(5300)(4) + (5300)(3) + \ldots + (5700)(4)}{5300 + 5300 + \ldots + 5700}$$

$$= 473{,}100/87{,}800$$

$$= 5.4 \text{ months}$$

The standard error will be computed by formula (3). First, the estimated population variance can be obtained by formula (7):

$$s^2 = \frac{(5300)(4)^2 + (5300)(3)^2 + \ldots + (5700)(4)^2}{5300 + 5300 + \ldots + 5700} - (5.4)^2$$

$$= 12.4$$

Next, the base "b" parameter of 18,393 is taken from Table 5 and multiplied by the factor computed from formula (1):

$$g = \frac{2^2 + 1 + 1 + 3^2 + 1 + 1 + 2^2 + 1 + 1 + 1}{2 + 1 + 1 + 3 + 1 + 1 + 2 + 1 + 1 + 1}$$

$$= 1.71$$

Therefore, the final "b" parameter is 31,452 and the standard error of the mean is

$$s = \sqrt{\frac{31,452}{87,800}(12.4)} = 2.1 \text{ months.}$$

Standard Errors of Estimated Percentages. This section refers to the percentages of a group of persons, families, or households possessing a particular attribute and to percentages of money or related concepts. 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 over 50 percent. For example, the percent of employed persons is more reliable than the estimated number of employed persons. When the numerator and denominator of the percentage have different parameters, use the parameter 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 type is the percentage of persons sharing a particular characteristic such as the percentage of persons owning their own home or the percentage of January food stamp recipients who were also receiving food stamps in July. 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 percentage of wealth held by persons with high income and the percentage of annual income received by females.

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

$$s_{(x,p)} = \sqrt{\frac{b}{x} p(100-p)}. \quad (9)$$

Here x is the base of the percentage, p is the percentage ($0 < p < 100$), and b is the "b" parameter for the numerator.

Illustration. Suppose that an estimated 46,023,000 males were employed in July 1984 and an estimated 2.4 percent of them became unemployed in August 1984. The base "b" parameter is 6,271 (from Table 5). Using formula (9) and the appropriate "b" parameter, the approximate standard error is

$$\sqrt{\frac{(6,271)}{(46,023,000)}(2.4)(100-2.4)} = 0.18 \text{ percent}$$

Consequently, the 90-percent confidence interval as shown by these data is from 2.1 to 2.7 percent.

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

$$p_M = (X_A/X_N) \times 100$$

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

$$p_M = \hat{p}_A(\bar{X}_A/\bar{X}_N) \times 100$$

where x_A and x_N are aggregate money figures, x_A and x_N are mean money figures, and 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

$$s_M = \sqrt{\left(\frac{\hat{p}_A \bar{x}_A}{\bar{x}_N}\right)^2 \left[\left(\frac{s_p}{\hat{p}_A}\right)^2 + \left(\frac{s_A}{\bar{x}_A}\right)^2 + \left(\frac{s_N}{\bar{x}_N}\right)^2\right]} \qquad (10)$$

where s_p is the standard error of $\hat{p}_A$, s_A is the standard error of $\bar{x}_A$ and s_N is the standard error of $\bar{x}_N$. To calculate s_p, use formula (9). 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 the characteristics estimated by p_A, $\bar{x}_N$, and $\bar{x}_A$. These correlations, if present, will cause a tendency towards overestimates or underestimates, depending on the relative sizes of the correlations and whether they are positive or negative.

Illustration. Suppose that in October 1984 an estimated 8.8 percent of males 16 years old and over were black, the mean monthly earnings of these black males was 1288, the mean monthly earnings of all males 16 years and over was 1911, and the corresponding standard errors are .30 percent, 36, and 27. Then, the percent of male earnings made by blacks in October 1984 is:

$$p_M = .088 \left(\frac{1288}{1911}\right) \times 100$$

$$= 5.9 \text{ percent}$$

Using formula (10), the approximate standard error is:

$$s_M = \sqrt{\left(\frac{(.088)(1288)}{1911}\right)^2 \left[\left(\frac{.0030}{.0590}\right)^2 + \left(\frac{36}{1288}\right)^2 + \left(\frac{27}{1911}\right)^2\right]}$$

$$= .35 \text{ percent}$$

Standard Error of a Difference. The standard error of a difference between two sample estimates, x and y, is equal to

$$s_{(x-y)} = \sqrt{s_x^2 + s_y^2 - 2rs_xs_y}\ , \qquad (11)$$

where s_x and s_y are the standard errors of the estimates x and y. The estimates can be numbers, averages, percents, ratios, etc. The correlation between x and y is represented by r. Some estimated correlations are given in Table 8. These correlations apply only to cross-sectional estimates of the same characteristic at two points of time. The cross-sectional estimates must be monthly estimates averaged over quarters or years (see the section "Use of Person Weights" for a discussion of cross-sectional estimates). Correlations are given for both person and household characteristics. If no correlation has been provided for a given set of x and y estimates, then assume $r = 0$. If r is assumed to be zero and the true correlation is really positive (negative), then this assumption will result in a tendency towards overestimates (underestimates) of the true standard error.

Illustration. Suppose that we are interested in the change from 1984 to 1985 in the average monthly number of persons with monthly cash income above $5,000. An estimate of the number of persons in this income bracket has been obtained for each month of 1984 and 1985. Averaging the 12 monthly estimates for 1984 produces an estimate of 3,186,000 for the average number of persons in this monthly income bracket during 1984 (based on 84CY weights). The similar estimate for 1985 is 3,619,000 (based on 85CY weights). The difference in estimates is 433,000.

The standard error of the 1984 estimate is computed next. Base "a" and "b" parameters from Table 5 are -0.0000348 and 6,271, respectively. Because 12 monthly estimates were used in the average, these parameters are multiplied by a factor of 0.87 from Table 7 to yield final parameters of -0.0000303 and 5,456. Using formula (2), the standard error of the 1984 estimate is

$$\sqrt{(-0.0000303)(3,186,000)^2 + (5,456)(3,186,000)} = 131,000.$$

In a similar manner, using parameters from Table 6, the standard error of the 1985 estimate is 153,000.

Now, the standard error of the difference is computed using the above two standard errors and the appropriate correlation of 0.56 from Table 8. The standard error of the difference is computed by formula (11):

$$\sqrt{(131,000)^2 + (153,000)^2 - 2(0.56)(131,000)(153,000)} = 135,000.$$

Suppose that it is desired to test at the 10 percent significance level whether the average number of persons with monthly cash income above $5,000 had changed from 1984 to 1985. To perform the test, compare the difference of 433,000 to the product 1.6 x 135,000 = 216,000. Since the difference is larger than 1.6 times the standard error of the difference, the data show that the two years are significantly different at the 10 percent level.

Standard Error of a Median. The median quantity of some characteristic such as income for a given subpopulation of persons, families, or households is that quantity such that at least half the subpopulation have as much or more and at least half have as much or less. The sampling variability of an estimated median depends upon the form of the distribution of the characteristic as well as the size of the subpopulation.

The median, like the mean, can be estimated using either data which has been grouped into intervals or ungrouped data. If grouped data are used, the median is estimated using formulas (12) or (13) with $p = 0.5$. If ungrouped data are used, the data records are ordered based on the value of the characteristic, then the estimated median is the value of the characteristic such that the weighted estimate of 50 percent of the subpopulation falls at or below that value and 50 percent is at or above that value. Note that the method of standard error computation which is presented here requires the use of grouped data. Therefore, it should be easier to compute the median by grouping the data and using formulas (12) or (13).

An approximate method for measuring the reliability of an estimated median is to determine a confidence interval about it (see the section "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 formula (9), 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 characteristic within the group, calculate the quantity of the characteristic such that the percent of the group owning more is equal to the smaller percentage found in step (2). This quantity will be the upper limit for the 68-percent confidence interval. In a similar fashion, calculate the quantity of the characteristic such that the percent of the group owning more is equal to the larger percentage found in step (2). This quantity will be the lower limit for the 68-percent confidence interval (note that a median computed from ungrouped data may or may not fall in this 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. We recommend Pareto interpolation in most instances. Interpolation is used as follows. The quantity of the item such that p percent own more is

$$X_{pN} = \exp\left[\frac{\mathrm{Ln}\ (pN/N_1)}{\mathrm{Ln}\ (N_2/N_1)} \cdot \mathrm{Ln}\ (A_2/A_1)\right] A_1 \qquad (12)$$

if Pareto interpolation is indicated and

$$X_{pN} = \left(\frac{pN-N_1}{N_2-N_1}\right) (A_2-A_1) + A_1 \qquad (13)$$

if linear interpolation is indicated, where

N	is 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.

It should be noted that a mathematically equivalent result is obtained by using common logarithms (base 10) and antilogarithms.

Illustration. To illustrate the calculations for the standard error of a median, we return to the first example used to illustrate the standard error of a mean. The median annual income for this group is computed by formula (12) to be $18,315. The size of the group is 39,851,000.

1. Using formula (9) and the appropriate "b" parameter of 7606, the standard error of 50 percent on a base of 39,851,000 is about 0.7 percentage points.

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

3. By examining Table 2, we see that the percentage 49.3 falls in the income interval from $17,000 to $19,999. (Since 55.5 percent receive $17,500 or more per year, but only 40.9 percent receive $20,000 or more per year, the quantity that exactly 49.3 percent receive more than must be between $17,500 and $19,999.) Thus A_1 = $17,500, A_2 = $19,999, N_1 = 22,106,000, and N_2 = 16,307,000. Implementing Pareto interpolation, the upper bound of a 68-percent confidence interval for the median is

$$\exp\left[\frac{\mathrm{Ln}\ [(0.493)(39{,}851{,}000)/(22{,}106{,}000)]}{\mathrm{Ln}\ [\ (16{,}307{,}000)/(22{,}106{,}000)]} \quad \mathrm{Ln}\ \frac{(19{,}999)}{(17{,}500)}\right] \quad 17{,}500$$

$$= \$18{,}429.$$

Also by examining Table 2, we see that the percentage of 50.7 falls in the same income interval. Thus, A_1, A_2, N_1, and N_2 are the same as above. The lower bound of a 68-percent confidence interval for the median is

$$\exp\left[\frac{\text{Ln}\,[(0.507)(39{,}851{,}000)/(22{,}106{,}000)]}{\text{Ln}\,[(16{,}307{,}000)/(22{,}106{,}000)]}\quad \text{Ln}\,\frac{(19{,}999)}{(17{,}500)}\right]\quad 17{,}500$$

\- \$18,204

and the 68-percent confidence interval on the estimated median of \$18,315 is from \$18,204 to \$18,429. An approximate standard error is

$$\frac{\$18{,}429\ -\ \$18{,}204}{2} = \$112.$$

If linear interpolation is used, the median is estimated using formula (13) to be \$18,440 and the 68-percent confidence interval of the estimated median is from \$18,319 to \$18,560. The approximate standard error is \$120.

Standard Errors of Ratios of Means or Medians. The standard error for a ratio of means or medians is approximated by formula (14):

$$s_{\frac{x}{y}} = \sqrt{\left(\frac{x}{y}\right)^2 \quad \left(\frac{s_x}{x}\right)^2 + \left(\frac{s_y}{y}\right)^2} \qquad (14)$$

where x and y are the means or medians, and s_x and s_y are their associated standard errors. Formula (14) assumes that the means or medians are not correlated. If the correlation between the population means or medians 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 or medians.

Table 3. Factors to be Applied to Generalized Variance Parameters to Adjust for Missing Rotation Months

Month	Year	Factor
June	1983	4.0000
July	1983	2.0000
August	1983	1.3333
September	1983	
to January	1986	1.0000
February	1986	1.3333
March	1986	2.0000
April	1986	4.0000
3rd Quarter	1983	1.2222
4th Quarter	1983	
to 4th Quarter	1985	1.0000
1st Quarter	1986	1.2222

Table 4. SIPP Generalized Variance Parameters for Estimates Using Panel Weights 1984 Longitudinal Panel File

	a	b
PERSONS		
Total or White		
15+ Program Participation and Benefits, Poverty (2)		
Both Sexes	-0.0001241	22,392
Male	-0.0002593	22,392
Female	-0.0002380	22,392
15+ Income and Labor Force (3)		
Both Sexes	-0.0000424	7,634
Male	-0.0000884	7,634
Female	-0.0000811	7,634
All Others[1] (4)		
Both Sexes	-0.0001196	27,763
Male	-0.0002462	27,763
Female	-0.0002327	27,763
Black (1)		
Both Sexes	-0.0003696	10,271
Male	-0.0007889	10,271
Female	-0.0006953	10,271
HOUSEHOLDS/FAMILIES/UNRELATED INDIVIDUALS[2]		
Total or White	-0.0001037	9,434
Black	-0.0006499	6,518

1. These parameters are to be used for all tabulations not specifically covered by any other category in this table, e.g., for retirement and pension tabulations, for 0+ benefits, 0+ income, and 0+ labor force tabulations.

2. These parameters can be used for exploration of household and family concepts.

Note: For cross-tabulations, apply the parameters of the category showing the smaller number in parentheses.

Table 5. SIPP Generalized Variance Parameters for Estimates Using 84CY Weights 1984 Longitudinal Panel Files

PERSONS

	a	b
Total or White		
15+ Program Participation and Benefits, Poverty (2)		
Both Sexes	-0.0001019	18,393
Male	-0.0002130	18,393
Female	-0.0001955	18,393
15+ Income and Labor Force (3)		
Both Sexes	-0.0000348	6,271
Male	-0.0000726	6,271
Female	-0.0000666	6,271
All Others[1] (4)		
Both Sexes	-0.0000983	22,805
Male	-0.0002023	22,805
Female	-0.0001912	22,805
Black (1)		
Both Sexes	-0.0003036	8,437
Male	-0.0006480	8,437
Female	-0.0005712	8,437

1. These parameters are to be used for all tabulations not specifically covered by any other category in this table, e.g., for retirement and pension tabulations, for 0+ benefits, 0+ income, and 0+ labor force tabulations.

Note: For cross-tabulations, apply the parameters of the category showing the smaller number in parentheses.

Table 6. SIPP Generalized Variance Parameters for Estimates Using 85CY Weights
1984 Longitudinal Panel File

PERSONS	a	b
Total or White		
15 + Program Participation and Benefits, Poverty (2)		
Both Sexes	-0.0001182	22,314
Male	-0.0002469	22,314
Female	-0.0002272	22,314
15 + Income and Labor Force (3)		
Both Sexes	-0.0000404	7,607
Male	-0.0000840	7,607
Female	-0.0000775	7,607
All Others[1] (4)		
Both Sexes	-0.0001177	27,665
Male	-0.0002419	27,665
Female	-0.0002293	27,665
Black (1)		
Both Sexes	-0.0003618	10,235
Male	-0.0007704	10,235
Female	-0.0006631	10,235

1. These parameters are to be used for all tabulations not specifically covered by any other category in this table, e.g., for retirement and pension tabulations, for 0+ benefits, 0+ income, and 0+ labor force tabulations.

Note: For cross-tabulations, apply the parameters of the category showing the smaller number in parentheses.

Table 7. Factors to be Applied to Generalized Variance Parameters to Adjust for the Number of Months Used In an Average of Monthly Estimates

Number of Months	Factor
1 - 3	1.00
4 - 5	0.98
6 - 7	0.94
8 - 9	0.92
10 - 11	0.89
12 - 13	0.87
14 - 15	0.84
16 - 19	0.82
20 - 23	0.78
24 - 29	0.76
30 +	0.72

Table 8. Correlations between Estimates of the Same Characteristic at Two Points of Time. Both Estimates must be Monthly Estimates Averaged over Quarters or Years

	Quarterly Estimates				Calendar Year Estimates
	Consecutive Quarters	1 Quarter Apart	2 Quarters Apart	3 Quarters Apart	1984 to 1985
PERSONS					
A. Both Estimates Use 84CY Weights or Both Use 85CY Weights					
Income					
Social Security or Private Pensions	0.97	0.86	0.75		
Other	0.83	0.73	0.62		
Other	0.72	0.63	0.54		
B. One Estimate uses 84CY Weights, the Other uses 85CY Weights					
Income					
Social Security or Private Pensions	0.81	0.72	0.63	0.55	0.70
Other	0.70	0.61	0.52	0.44	0.56
Other	0.60	0.53	0.45	0.37	0.49
C. Both Estimates use Panel Weights					
Income					
Social Security or Private Pensions	0.97	0.86	0.75	0.65	0.83
Other	0.83	0.73	0.62	0.53	0.67
Other	0.72	0.63	0.54	0.46	0.56
HOUSEHOLDS/FAMILIES/UNRELATED INDIVIDUALS					
Income					
Social Security or Private Pensions	0.76	0.67	0.58	0.51	0.65
Other	0.65	0.57	0.48	0.41	0.52
Other	0.56	0.49	0.42	0.36	0.45

1. When one of the quarters is the 4th quarter 1983 or the 1st quarter 1986, multiply the correlation by .90 to account for missing rotation groups.

Table 9. Correspondence Between Calendar Months and Reference Months For The SIPP 1984 Panel Research File

Year/Month	Rotation Group			
1983				
	1	2	3	4
June	1	-	-	-
July	2	1	-	-
August	3	2	1	-
September	4	3	2	1
October	5	4	3	2
November	6	5	4	3
December	7	6	5	4
1984				
January	8	7	6	5
February	9	8	7	6
March	10	9	8	7
April	11	10	9	8
May	12	11	10	9
June	13	12	11	10
July	14	13	12	11
August	15	14	13	12
September	16	15	14	13
October	17	16	15	14
November	18	17	16	15
December	19	18	17	16
1985				
January	20	19	18	17
February	21	20	19	18
March	22	21	20	19
April	23	22	21	20
May	24	23	22	21
June	25	24	23	22
July	26	25	24	23
August	27	26	25	24
September	28	27	26	25
October	29	28	27	26
November	30	29	28	27
December	31	30	29	28
1986				
January	32	31	30	29
February	-	32	31	30
March	-	-	32	31
April	-	-	-	32

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)
4 - State Supplemental Security Income (State administered SSI only)
5 - State unemployment compensation
6 - Supplemental Unemployment Benefits
7 - Other unemployment compensation (Trade Adjustment Act benefits, strike pay, other)
8 - Veterans compensation or pensions
9 - Black lung payments
10 - Worker's compensation
11 - State temporary sickness or disability benefits
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
22 - Indian, Cuban, or Refugee Assistance
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
33 - National Guard or Reserve Forces retirement
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
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

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 - Other educational assistance

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
WIC (Women, Infants and Children Nutrition Program)
Food Stamps
Child support payments
Alimony payments
Pension from company or union
Federal Civil Service or other Federal civilian employee pensions
U.S. Military retirement pay
National Guard or Reserve Forces retirement
State government pensions

Local government pensions
Income from paid-up life insurance policies or annuities
Estates and trusts
Other payments for retirement, disability or survivor benefits
G.I. Bill/VEAP education benefits
Income assistance from a charitable group
Money from relatives or friends
Lump sum payments
Income from roomers or boarders
National Guard or Reserve pay
Incidental or casual earnings
Other cash income not included elsewhere

APPENDIX A-3

SOURCES OF MEANS-TESTED BENEFITS COVERED IN SIPP

Cash Benefits

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

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

128	Mathematical science teachers (2227)
129	Computer science teachers (2228)
133	Medical science teachers (2231)
134	Health specialties teachers (2232)
135	Business, commerce, and marketing teachers (2233)
136	Agriculture and forestry teachers (2234)
137	Art, drama, and music teachers (2235)
138	Physical education teachers (2236)
139	Education teachers (2237)
143	English teachers (2238)
144	Foreign language teachers (2242)
145	Law teachers (2243)
146	Social work teachers (2244)
147	Theology teachers (2245)
148	Trade and industrial teachers (2246)
149	Home economics teachers (2247)
153	Teachers, postsecondary, n.e.c. (2249)
154	Postsecondary teachers, subject not specified
	Teachers, Except Postsecondary
155	Teachers, prekindergarten and kindergarten (231)
N(156)	Teachers, elementary school (232)
P(157)	Teachers, secondary school (233)
158	Teachers, special education (235)
159	Teachers, n.e.c. (236, 239)
163	Counselors, educational and vocational (24)
	Librarians, Archivists, and Curators
164	Librarians (251)
165	Archivists and curators (252)
	Social Scientists and Urban Planners
166	Economists (1912)
167	Psychologists (1915)
168	Sociologists (1916)
169	Social scientists, n.e.c. (1913, 1914, 1919)
173	Urban planners (192)
	Social, Recreation, and Religious Workers
174	Social workers (2032)
175	Recreation workers (2033)
176	Clergy (2042)
177	Religious workers, n.e.c. (2049)
	Lawyers and Judges
178	Lawyers (211)
179	Judges (212)
	Writers, Artists, Entertainers, and Athletes
183	Authors (321)
184	Technical writers (398)
185	Designers (322)
186	Musicians and composers (323)
187	Actors and directors (324)
188	Painters, sculptors, craft-artists, and artist printmakers (325)

189 Photographers (326)
193 Dancers (327)
194 Artists, performers, and related workers, n.e.c. (328, 329)
195 Editors and reporters (331)
197 Public relations specialists (332)
198 Announcers (333)
199 Athletes (34)

TECHNICAL, SALES, AND ADMINISTRATIVE SUPPORT OCCUPATIONS

Technicians and Related Support Occupations

Health Technologists and Technicians

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

Technologists and Technicians, Except Health

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

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

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

Sales Occupations
243 Supervisors and proprietors, sales occupations (40)

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

	Sales Representatives, Commodities Except Retail
258	Sales engineers (421)
259	Sales representatives, mining, manufacturing, and wholesale (423, 424)
	Sales Workers, Retail and Personal Services
263	Sales workers, motor vehicles and boats (4342, 4344)
264	Sales workers, apparel (4346)
265	Sales workers, shoes (4351)
266	Sales workers, furniture and home furnishings (4348)
267	Sales workers; radio, TV, hi-fi, and appliances (4343, 4352)
268	Sales workers, hardware and building supplies (4353)
269	Sales workers, parts (4367)
274	Sales workers, other commodities (4345, 4347, 4354, 4356, 4359,4362, 4369)
275	Sales counter clerks (4363)
Q(276)	Cashiers (4364)
277	Street and door-to-door sales workers (4366)
278	News vendors (4365)
	Sales Related Occupations
283	Demonstrators, promoters and models, sales (445)
284	Auctioneers (447)
285	Sales support occupations, n.e.c. (444, 446, 449)
	Administrative Support Occupations, Including Clerical
	Supervisors, Administrative Support Occupations
303	Supervisors, general office (4511, 4513, 4514, 4516, 4519, 4529)
304	Supervisors, computer equipment operators (4512)
305	Supervisors, financial records processing (4521)
306	Chief communications operators (4523)
307	Supervisors; distribution, scheduling, and adjusting clerks (4522, 4524-4528)
	Computer Equipment Operators
308	Computer operators (4612)
309	Peripheral equipment operators (4613)
	Secretaries, Stenographers,and Typists
R(313)	Secretaries (4622)
314	Stenographers (4623)
315	Typists (4624)
	Information Clerks
316	Interviewers (4642)
317	Hotel clerks (4643)
318	Transportation ticket and reservation agents (4644)
319	Receptionists (4645)
323	Information clerks, n.e.c. (4649)
	Records Processing Occupations, Except Financial
325	Classified-ad clerks (4662)
326	Correspondence clerks (4663)
327	Order clerks (4664)
328	Personnel clerks, except payroll and timekeeping (4692)
329	Library clerks (4694)
335	File clerks (4696)
336	Records clerks (4699)
	Financial Records Processing Occupations
S(337)	Bookkeepers, accounting, and auditing clerks (4712)
338	Payroll and timekeeping clerks (4713)

339 Billing clerks (4715)
343 Cost and rate clerks (4716)
344 Billing, posting, and calculating machine operators (4718)

Duplicating, Mail and Other Office Machine Operators
345 Duplicating machine operators (4722)
346 Mail preparing and paper handling machine operators (4723)
347 Office machine operators, n.e.c. (4729)
Communications Equipment Operators
348 Telephone operators (4732)
349 Telegraphers (4733)
353 Communications equipment operators, n.e.c. (4739)

Mail and Message Distributing Occupations
354 Postal clerks, exc. mail carriers (4742)
355 Mail carriers, postal service (4743)
356 Mail clerks, exc. postal service (4744)
357 Messengers (4745)
Material Recording, Scheduling, and Distributing Clerks
359 Dispatchers (4751)
363 Production coordinators (4752)
364 Traffic, shipping, and receiving clerks (4753)
365 Stock and inventory clerks (4754)
366 Meter readers (4755)
368 Weighers, measurers, and checkers (4756)
369 Samplers (4757)
373 Expediters (4758)
374 Material recording, scheduling, and distributing clerks, n.e.c. (4759)

Adjusters and Investigators
375 Insurance adjusters, examiners, and investigators (4782)
376 Investigators and adjusters, except insurance (4783)
377 Eligibility clerks, social welfare (4784)
378 Bill and account collectors (4786)
Miscellaneous Administrative Support Occupations
379 General office clerks (463)

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

SERVICE OCCUPATIONS

	Private Household Occupations
403	Launderers and ironers (503)
404	Cooks, private household (504)
405	Housekeepers and butlers (505)
406	Child care workers, private household (506)
T(407)	Private household cleaners and servants (502, 507, 509)
	Protective Service Occupations
	Supervisors, Protective Service Occupations
413	Supervisors, firefighting and fire prevention occupations (5111)
414	Supervisors, police and detectives (5112)
415	Supervisors, guards (5113)
	Firefighting and Fire Prevention Occupations
416	Fire inspection and fire prevention occupations (5122)
417	Firefighting occupations (5123)
	Police and Detectives
418	Police and detectives, public service (5132)
423	Sheriffs bailiffs, and other law enforcement officers (5134)
424	Correctional institution officers (5133)
	Guards
425	Crossing guards (5142)
426	Guards and police, exc. public service (5144)
427	Protective service occupations, n.e.c. (5149)
	Service Occupations, Except Protective and Household
	Food Preparation and Service Occupations
433	Supervisors, food preparation and service occupations (5211)
434	Bartenders (5212)
U(435)	Waiters and waitresses (5213)
436	Cooks, except short order (5214)
437	Short-order cooks (5215)
438	Food counter, fountain and related occupations (5216)
439	Kitchen workers, food preparation (5217)
443	Waiters'/waitresses' assistants (5218)
444	Miscellaneous food preparation occupations (5219)
	Health Service Occupations
445	Dental assistants (5232)
446	Health aides, except nursing (5233)
447	Nursing aides, orderlies, and attendants (5236)
	Cleaning and Building Service Occupations, except Household
448	Supervisors, cleaning and building service workers (5241)
449	Maids and housemen (5242, 5249)
V(453)	Janitors and cleaners (5244)

454 Elevator operators (5245)
455 Pest control occupations (5246)

Personal Service Occupations

456 Supervisors, personal service occupations (5251)
457 Barbers (5252)
458 Hairdressers and cosmetologists (5253)
459 Attendants, amusement and recreation facilities (5254)
463 Guides (5255)
464 Ushers (5256)
465 Public transportation attendants (5257)
466 Baggage porters and bellhops (5262)
467 Welfare service aides (5263)
468 Child care workers,except private household (5264)
469 Personal service occupations, n.e.c. (5258, 5269)

FARMING, FORESTRY, AND FISHING OCCUPATIONS

	Farm Operators and Managers
W(473)	Farmers, except horticultural (5512-5514)
474	Horticultural specialty farmers (5515)
475	Managers, farms, except horticultural (5522-5524)
476	Managers, horticultural specialty farms (5525)
	Other Agricultural and Related Occupations
	Farm Occupations, Except Managerial
477	Supervisors, farm workers (5611)
479	Farm workers (5612-5617)
483	Marine life cultivation workers (5618)
484	Nursery workers (5619)
	Related Agricultural Occupations
485	Supervisors, related agricultural occupations (5621)
486	Groundskeepers and gardeners, except farm (5622)
487	Animal caretakers, except farm (5624)
488	Graders and sorters, agricultural products (5625)
489	Inspectors, agricultural products (5627)
	Forestry and Logging Occupations
494	Supervisors, forestry, and logging workers (571)
495	Forestry workers, except logging (572)
496	Timber cutting and logging occupations (573, 579)
	Fishers, Hunters, and Trappers
497	Captains and other officers, fishing vessels (pt 8241)
498	Fishers (583)
499	Hunters and trappers (584)

PRECISION PRODUCTION, CRAFT, AND REPAIR OCCUPATIONS

	Mechanics and Repairers
503	Supervisors, mechanics and repairers (60)
	Mechanics and Repairers, Except Supervisors
	Vehicle and Mobile Equipment Mechanics and Repairers
X(505)	Automobile mechanics (pt 6111)
506	Automobile mechanic apprentices (pt 6111)
507	Bus, truck, and stationary engine mechanics (6112)
508	Aircraft engine mechanics (6113)
509	Small engine repairers (6114)
514	Automobile body and related repairers (6115)
515	Aircraft mechanics, exc. engine (6116)
516	Heavy equipment mechanics (6117)
517	Farm equipment mechanics (6118)
518	Industrial machinery repairers (613)
519	Machinery maintenance occupations (614)
	Electrical and Electronic Equipment Repairers
523	Electronic repairers, communications and industrial equipment (6151, 6153, 6155)
525	Data processing equipment repairers (6154)
526	Household appliance and power tool repairers (6156)
527	Telephone line installers and repairers (6157)
529	Telephone installers and repairers (6158)
533	Miscellaneous electrical and electronic equipment repairers (6152, 6159)

534 Heating, air conditioning, and refrigeration mechanics (6161)
Miscellaneous Mechanics and Repairers
535 Camera, watch, and musical instrument repairers (6171, 6172)
536 Locksmiths and safe repairers (6173)
538 Office machine repairers (6174)
539 Mechanical controls and valve repairers (6175)
543 Elevator installers and repairers (6176)
544 Millwrights (6178)
547 Specified mechanics and repairers, n.e.c. (6177, 6179)
549 Not specified mechanics and repairers

Construction Trades
Supervisors, construction occupations
553 Supervisors; brickmasons, stonemasons, and tile setters (6312)
554 Supervisors, carpenters and related workers (6313)
555 Supervisors, electricians and power transmission installers (6314)
556 Supervisors; painters, paperhangers, and plasterers (6315)
557 Supervisors; plumbers, pipefitters, and steamfitters (6316)
558 Supervisors, n.e.c. (6311, 6318)
Construction Trades, Except Supervisors
563 Brickmasons and stonemasons (pt 6412, pt 6413)
564 Brickmason and stonemason apprentices (pt 6412, pt 6413)
565 Tile setters, hard and soft (6414, pt 6462)
566 Carpet installers (pt 6462)
Y(567) Carpenters (pt 6422)
569 Carpenter apprentices (pt 6422)
573 Drywall installers (6424)
575 Electricians (pt 6432)
576 11 Electrician apprentices (pt 6432)
577 Electrical power installers and repairers (6433)
579 Painters, construction and maintenance (6442)
583 Paperhangers (6443)
584 Plasterers (6444)
585 Plumbers, pipefitters, and steamfitters (pt 645)
587 Plumber, pipefitter, and steamfitter apprentices (pt 645)
588 Concrete and terrazzo finishers (6463)
589 Glaziers (6464)
593 Insulation workers (6465)
594 Paving, surfacing, and tamping equipment operators (6466)
595 Roofers (6468)
596 Sheetmetal duct installers (6472)
597 Structural metal workers (6473)
598 Drillers, earth (6474)
599 Construction trades, n.e.c. (6467, 6475, 6476, 6479)

Extractive Occupations
613 Supervisors, extractive occupations (632)
614 Drillers, oil well (652)
615 Explosives workers (653)
616 Mining machine operators (654)
617 Mining occupations, n.e.c. (656)

Precision Production Occupations
633 Supervisors, production occupations (67, 71)

Precision Metal Working Occupations
634 Tool and die makers (pt 6811)
635 Tool and die maker apprentices (pt 6811)
636 Precision assemblers, metal (6812)
637 Machinists (pt 6813)
639 Machinist apprentices (pt 6813)
643 Boilermakers (6814)
644 Precision grinders, filers, and tool sharpeners (6816)
645 Patternmakers and model makers, metal (6817)
646 Lay-out workers (6821)
647 Precious stones and metals workers (Jewelers) (6822, 6866)
649 Engravers, metal (6823)
653 Sheet metal workers (pt 6824)
654 Sheet metal worker apprentices (pt 6824)
655 Miscellaneous precision metal workers (6829)
Precision Woodworking Occupations
656 Patternmakers and model makers, wood (6831)
657 Cabinet makers and bench carpenters (6832)
658 Furniture and wood finishers (6835)
659 Miscellaneous precision woodworkers (6839)
Precision Textile, Apparel, and Furnishings Machine Workers
666 Dressmakers (pt 6852, pt 7752)
667 Tailors (pt 6852)
668 Upholsterers (6853)
669 Shoe repairers (6854)
673 Apparel and fabric patternmakers (6856)
674 Miscellaneous precision apparel and fabric workers (6859, pt 7752)
Precision Workers, Assorted Materials
675 Hand molders and shapers, except jewelers (6861)
676 Patternmakers, lay-out workers, and cutters (6862)
677 Optical goods workers (6864, pt 7477, pt 7677)
678 Dental laboratory and medical appliance technicians (6865)
679 Bookbinders (6844)
683 Electrical and electronic equipment assemblers (6867)
684 Miscellaneous precision workers, n.e.c. (6869)
Precision Food Production Occupations
686 Butchers and meat cutters (6871)
687 Bakers (6872)
688 Food batchmakers (6873, 6879)
Precision Inspectors, Testers, and Related Workers
689 Inspectors, testers, and graders (6881, 828)
693 Adjusters and calibrators (6882)
Plant and System Operators
694 Water and sewage treatment plant operators (691)
695 Power plant operators (pt 693)
696 Stationary engineers (pt 693, 7668)
699 Miscellaneous plant and system operators (692, 694, 695, 696)

OPERATORS, FABRICATORS, AND LABORERS

Machine Operators, Assemblers, and Inspectors
Machine Operators and Tenders, except Precision
Metal working and Plastic Working Machine Operators
703 Lathe and turning machine set-up operators (7312)

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

Metal and Plastic Processing Machine Operators

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

Woodworking Machine Operators

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

Printing Machine Operators

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

Textile, Apparel, and Furnishings Machine Operators

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

Machine Operators, Assorted Materials

753 Cementing and gluing machine operators (7661)
754 Packaging and filling machine operators (7462, 7662)
755 Extruding and forming machine operators (7463, 7663)
756 Mixing and blending machine operators (7664)
757 Separating, filtering, and clarifying machine operators (7476, 7666, 7676)
758 Compressing and compacting machine operators (7467, 7667)
759 Painting and paint spraying machine operators (7669)
763 Roasting and baking machine operators, food (7472, 7672)
764 Washing, cleaning, and pickling machine operators (7673)
765 Folding machine operators (7474, 7674)
766 Furnace, kiln, and oven operators, exc. food (7675)
768 Crushing and grinding machine operators (pt 7477, pt 7677)
769 Slicing and cutting machine operators (7478, 7678)
773 Motion picture projectionists (pt 7479)
774 Photographic process machine operators (6863, 6868, 7671)

777 Miscellaneous machine operators, n.e.c. (pt 7479, 7665, 7679)
779 Machine operators, not specified

Fabricators, Assemblers, and Hand Working Occupations
783 Welders and cutters (7332, 7532, 7714)
784 Solderers and brazers (7333, 7533, 7717)
785 Assemblers (772, 774)
786 Hand cutting and trimming occupations (7753)
787 Hand molding, casting, and forming occupations (7754, 7755)
789 Hand painting, coating, and decorating occupations (7756)
793 Hand engraving and printing occupations (7757)
794 Hand grinding and polishing occupations (7758)
795 Miscellaneous hand working occupations (7759)
Production Inspectors, Testers, Samplers, and Weighers
796 Production inspectors, checkers, and examiners (782, 787)
797 Production testers (783)
798 Production samplers and weighers (784)
799 Graders and sorters, exc. agricultural (785)

Transportation and Material Moving Occupations
Motor Vehicle Operators
803 Supervisors, motor vehicle operators (8111)
804) Truck drivers, heavy (8212, 8213)
805 Truck drivers, light (8214)
806 Driver-sales workers (8218)
808 Bus drivers (8215)
809 Taxicab drivers and chauffeurs (8216)
813 Parking lot attendants (874)
814 Motor transportation occupations, n.e.c. (8219)
Transportation Occupations, Except Motor Vehicles
Rail Transportation Occupations
823 Railroad conductors and yardmasters (8113)
824 Locomotive operating occupations (8232)
825 Railroad brake, signal, and switch operators (8233)
826 Rail vehicle operators, n.e.c. (8239)
Water Transportation Occupations
828 Ship captains and mates, except fishing boats (pt 8241, 8242)
829 Sailors and deckhands (8243)
833 Marine engineers (8244)
834 Bridge, lock, and lighthouse tenders (8245)

Material Moving Equipment Operators
843 Supervisors, material moving equipment operators (812)
844 Operating engineers (8312)
845 Longshore equipment operators (8313)
848 Hoist and winch operators (8314)
849 Crane and tower operators (8315)
853 Excavating and loading machine operators (8316)
855 Grader, dozer, and scraper operators (8317)
856 Industrial truck and tractor equipment operators (8318)
859 Miscellaneous material moving equipment operators (8319)

Handlers, Equipment Cleaners, Helpers, and Laborers
863 Supervisors, handlers, equipment cleaners, and laborers, n.e.c. (85)

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

APPENDIX A-5

1980 CENSUS OF POPULATION
INDUSTRY CLASSIFICATION SYSTEM

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

Census
Code

AGRICULTURE, FORESTRY, AND FISHERIES

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

MINING

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

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

MANUFACTURING

Nondurable Goods

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

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

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

Durable Goods

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

291	Metal forgings and stampings (346)
292	Ordnance (348)
300	Miscellaneous fabricated metal products (341, 343, 347, 349)
301	Not specified metal industries
	Machinery, except electrical
310	Engines and turbines (351)
311	Farm machinery and equipment (352)
312	Construction and material handling machines (353)
320	Metalworking machinery (354)
321	Office and accounting machines (357, except 3573)
322	Electronic computing equipment (3573)
331	Machinery, except electrical, n.e.c. (355, 356, 358, 359)
332	Not specified machinery
	Electrical machinery, equipment, and supplies
340	Household appliances (363)
341	Radio, T.V., and communication equipment (365, 366)
342	Electrical machinery, equipment, and supplies, n.e.c. (361, 362, 364, 367, 369)
350	Not specified electrical machinery, equipment, and supplies
	Transportation equipment
351	Motor vehicles and motor vehicle equipment (371)
352	Aircraft and parts (372)
360	Ship and boat building and repairing (373)
361	Railroad locomotives and equipment (374)
362	Guided missiles, space vehicles, and parts (376)
370	Cycles and miscellaneous transportation equipment (375, 379)
	Professional and photographic equipment, and watches
371	Scientific and controlling instruments (381, 382)
372	Optical and health services supplies (383, 384, 385)
380	Photographic equipment and supplies (386)
381	Watches, clocks, and clockwork operated devices (387)
382	Not specified professional equipment
390	Toys, amusement, and sporting goods (394)
391	Miscellaneous manufacturing industries (39 exc. 394)
392	Not specified manufacturing industries

TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES

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

442 Telegraph and miscellaneous communication services (482, 489)
Utilities and sanitary services
460 Electric light and power (491)
461 Gas and steam supply systems (492, 496)
462 Electric and gas, and other combinations (493)
470 Water supply and irrigation (494, 497)
471 Sanitary services (495)
472 Not specified utilities

WHOLESALE TRADE

Durable Goods

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

Nondurable Goods

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

RETAIL TRADE

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

622 Miscellaneous vehicle dealers (555, 556, 557, 559)
630 Apparel and accessory stores, except shoe (56, except 566)
631 Shoe stores (566)

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

FINANCE, INSURANCE, AND REAL ESTATE

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

BUSINESS AND REPAIR SERVICES

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

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

PERSONAL SERVICES

761 (J) Private households (88)
762 Hotels and motels (701)
770 Lodging places, except hotels and motels (702, 703, 704)
771 Laundry, cleaning, and garment services (721)
772 Beauty shops (723)
780 Barber shops (724)

781 Funeral service and crematories (726)
782 Shoe repair shops (725)
790 Dressmaking shops (part 729)
791 Miscellaneous personal services (722, part 729)

ENTERTAINMENT AND RECREATION SERVICES

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

PROFESSIONAL AND RELATED SERVICES

812 Offices of physicians (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

APPENDIX B

Description of the 1984 SIPP Full Panel Research File

Introduction

The Bureau of the Census began collecting data in the Survey of Income and Program Participation (SIPP) in the fall of 1983 with the introduction of a sample of approximately 19,900 interviewed households. This sample was termed the "1984 SIPP Panel."

This 1984 Panel was divided into four approximately equal-size subpanels or "rotations" in order to facilitate a continuous monthly interviewing scheme. This scheme called for a total of eight or nine interviews for each member of an original sample household over a 32- or 36-month period beginning in October 1983. These interviews were conducted at 4-month intervals with one-fourth of all sample households (one rotation) being interviewed each month. The first rotation was interviewed in October 1983. The initial interviews for households in the remaining three rotations were conducted in November 1983, December 1983, and January 1984. By the end of January 1984 each sample household had completed one interview. A full cycle of interviewing is carried out during a 4-month period called a "wave." In February 1984, the second wave of interviewing began. Households interviewed in October 1983 were contacted for the second time in this month. The February interviews for rotation 1 were followed by interviews in March, and April for rotations 2, and 3, respectively. The second wave of interviews was idiosyncratic in that only three rotation groups comprised the wave. The third wave of interviews began with rotation group 4 in May and continued with rotation groups 1, 2, and 3 in June, July, and August. A schematic of the interviewing pattern is shown in Figure 1. Note for budget reasons the eighth wave consisted of only three rotation groups, thus leading to rotation groups 1 and 2 eligible for nine interviews and rotation groups 3 and 4 eligible for eight interviews during the course of the 1984 Panel.

Each interview contains a basic set of "core" questions covering labor force activities and receipt of income. These "core" questions relate to labor force activity and income during the 4-month period immediately preceding the month of interview. This 4-month period is termed the "reference" period. For most topics, the core data collection procedures were designed to obtain individual observations for each of the 4 months of the reference period. In addition to the core questions, some of the waves included groups of questions called "topical modules." Details concerning the specific data collected in the "core" and in the various "topical modules" can be found in Frankel (1985). Some of these details will also be covered later in this description.

The initial computer processing procedures for the survey data were designed to produce data files that contained only the core information collected in a given wave of interviewing. These separate public-use files have been made available for Waves 1-9 of the 1984 Panel. Data files containing both the core and topical module data for Waves 3-9 have also been made available.

While the wave files have made the data from the 1984 Panel available for cross-sectional analysis, users desiring to analyze time periods of longer than 4 months have had to perform a linkage between waves. Observations from different waves for the same sample individuals can be linked using the individual's unique numerical identification number that is present with that person's data on each separate wave file.

To improve access to longitudinal data from the 1984 SIPP Panel, the Census Bureau has produced a file containing data from 32 monthly observations. Because of the different reference periods for the four rotation groups, the 32-month period is different for each rotation group: June 1983 to January 1986 for rotation group 1; July 1983 to February 1986 for rotation group 2; August 1983 to March 1986 for rotation group 3; and, finally, September 1983 to April 1986 for rotation group 4. The data contained on this file is a subset of the core data collected in each SIPP interview. In some cases, data items have been grouped or

modified prior to being placed on the full-panel file. Some editing of the data, in a longitudinal sense, has been done. The observations on the file have been weighted to facilitate longitudinal "person-based" and "household-based" analyses. The purpose of this document is to describe the procedures used in creation of this file.

Overview Of The Longitudinal Processing System

Developing and implementing a data processing system that links multiple waves of the 1984 SIPP Panel, edits the data for consistency over time, and assigns weights that allow for useful longitudinal-type evaluations is an enormous task. The size of the sample, number of data items, complicated nature of the interviewing scheme, and the longitudinal nature of the survey are formidable problems, even taken separately. The most obvious approach to solving this large problem is to divide it into a series of smaller problems which were considered to be, for the most part, independent. This is the approach taken to create the full-panel file.

After work began on a particular problem, new parts to the problem that we had not anticipated were often uncovered. Some of these newly discovered problems required solutions while others were placed on a list for future work.

The overall problem of creating the full-panel file was divided into parts. Only the data related to specific parts of a problem or specific subject area were extracted so that the problem could be examined in a relatively manageable form and at a reasonable cost. This procedure yielded a series of extract files. Following editing and other data processing procedures, the data contained in these extracts were then used as elements in construction of the full-panel file.

Subdiving the Longitudinal Processing Work. Efforts to develop the 1984 SIPP Full-Panel File are described in the following sections:

- Demographic and Household Relationship/Composition Edits
- Edits for Labor Force Activity Consistency
- Edits for Job/Business Identification, Hourly Earnings, and Monthly Earnings
- Edits of Income Sources Coded 1-56
- Edits of Asset Sources Coded 100-150
- Elimination of Double-Counting of Food Stamps, WIC, and AFDC
- Program Coverage
- Health and Medical Care Coverage Consistency Edits
- Sample Weighting Procedures
- Topcodes, Bottomcodes, and other Recodes
- File Structure

In most cases, the work in each of these areas was accomplished in a three-step sequence. The first step was the extraction of a 32-month data set which covered a particular subject area. The second step in the process was the examination of the data and development of computer programs that performed the longitudinal editing. The third step was the addition of these edited data to the full-panel file that was constructed in segments by joining the data sets from each subject area.

Longitudinal Editing Philosophy. The longitudinal editing procedures that we have developed and implemented in creation of the 1984 Full-Panel File would be characterized as too conservative by most knowledgeable analysts familiar with this type of data, too liberal by some others. They certainly should also be characterized as incomplete by most analysts.

Our initial approach was guided by several concerns. These included: 1) the need to "clean up" some previously identified problems associated with the interview wave file creation; 2) the desire to replace imputed values from one interview with reported values, if available, from other interviews; and 3) the need

to condense the data file to a physical size that is more usable than one containing all data from all interviews. For some data items, such as the labor force activity, virtually no truly longitudinal editing was performed since cross-sectional imputation rates for these items were very low and the reported data for any particular interview were not viewed as good substitutes for imputed data in another interview.

For other items, such as income amounts, in the longitudinal editing process, reported amounts from other waves were used extensively as substitutes for imputed values (from cross-sectional processing). No *reported* income recipiency or income amounts were changed in the editing process except duplicate reporting of food stamps or AFDC by husbands and wives. It should be noted that no substitution of previously reported data for imputed data was made for the months in which a person was a "Type Z" noninterview in an interviewed household.[1] Demographic longitudinal consistency edits were applied, however. Persons with a Type Z noninterview for one or more interview waves were not assigned a full-panel weight. Calendar-year weights were given to persons who were interviewed for the whole year in question. Thus it happens that persons who were interviewed throughout 1984, January through December, but who became a Type Z thereafter would have a calendar-year 1984 weight, but *zero* weights for calendar year 1985 and for the full panel.

Demographic And Household Relationship/composition Edits

The demographic and household relationship/composition edits were developed to remove inconsistencies in basic demographic characteristics which became apparent only when multiple interviews of SIPP data were examined together.

The data collection and processing system for each interviewing wave includes a check-in procedure which in itself provides a limited amount of longitudinal editing. During initial data collection in the first interview each individual was assigned a unique 14-digit identifier. A master control file containing all legal identifiers, as well as the age, race, and sex of each of these individuals was developed and used to control the receipt of data in all later interviews. This system was developed primarily to guarantee the validity of the 14-digit identifier throughout the life of the panel. It also, however, provides a limited longitudinal edit on the characteristics age, race, and sex. Errors made during data collection in the first interview from which the control file was derived, were corrected on the control file as they were discovered but usually much too late for the same correction to be applied to the data file for that interview. These errors have been addressed as part of the longitudinal processing.[2]

The demographic edits are intended to adjust for inconsistencies not discovered during the wave processing. For example, persons may be reported as widowed in the first interview and never married in the second, or two persons may be reported as parent and child in one interview and as husband and wife in another. Such inconsistencies only became apparent when multiple interviews were examined together.

Another problem that was dealt with as part of the longitudinal edits involved household composition errors. Incomplete or inaccurate data, as well as errors in the cross-sectional data processing system led to a small number of household composition errors. For example, some respondents were listed as having entered or left the sample universe sometime during a given interview's 4-month reference period when in fact they were present in the household for the entire reference period. The errors that led to this problem were not detected and corrected until long after the cross-sectional products were released. An attempt has been made to correct inconsistencies in household composition and, therefore, the demographic characteristics of the person in those households during the longitudinal processing. These edits were handled on a case-by-case basis after research was done to establish the correct characteristics.

A third situation which required some longitudinal editing involved the reporting of type of living quarters. The usual "cross-sectional" Census Bureau definitions used in editing basic demographic characteristics require that "group quarters" be occupied only by unrelated individuals. The definition of "group quarters" is any living arrangement which includes nine or more persons not related to the person in charge or any structure normally used as temporary housing for unrelated people such as a rooming or boarding house.

1. "Type Z" is an interview status assigned to persons who, because of a refusal or other reason, were not personally interviewed, whereas other persons in their household were interviewed.
2. A description of the cross-sectional persons/family edits is in the appendix.

Group quarters make up a very small subsample of our universe and are usually excluded from analysis. The problem which arises is that, with independent data collection and editing, a household may be reported as group quarters in one interview and as a housing unit in another interview even though the address and household composition remained unchanged. For the months that respondents occupied group quarters they are forced by the cross-sectional edit to be unrelated individuals; for the other months, they may be shown as a parent and child, husband and wife, etc. This clearly can lead to confusion and distortion of the data. An edit was developed which essentially required later interviews to be consistent with the data as reported in the first interview, primarily because the longitudinal weighting procedures are based on characteristics as reported in the first interview, and it was, therefore, preferable when given a choice to avoid changes to characteristics reported at that time.

The following demographic characteristics were affected by the longitudinal relationship/composition edits to items located on or derived from the control card:

- Relationship to household reference person
- Age
- Race
- Sex
- Marital status
- Family type
- Relationship to family reference person
- Family number
- Person number of parent
- Person number of spouse
- Reasons for entry into or exit from a housing unit
- Dates of entry into or exit from a housing unit
- Identifiers of households to which each person belonged
- Type of living quarters

To perform these edits only as much data as were needed to make decisions about demographic characteristics were extracted, i.e., no income information or program participation information was used. The following steps were undertaken to create a longitudinally edited demographic characteristic file:

1. The first step was to create a file containing 32 months of information for each respondent. One thing that did *not* have to be done as part of this matching process was to verify the correctness of the match keys. Strict controls were imposed on the basic person identifiers each month as part of the data collection process and, therefore, it was felt that those identifiers, which became our match keys, were as correct as possible.

   As the individual waves were matched, the required edited and unedited demographic variables were extracted and a rectangular file of person records was created. Within the record, some variables which should be unchanging, such as sex or race, were carried only once. Other variables which could change at any time, such as age or marital status, were carried as arrays of 32 fields. There were, for instance, 32 reportings of marital status, one for each month of the eight 4-month reference periods.

2. In the process of reviewing this work some problems with the data which were actually a product of errors in the cross-sectional processing system came to light. These errors dealt with the reported dates of entry into or exit from sample addresses.

   Errors in these fields affected the other demographic variables since the editing of relationship variables is dependent on which persons are living together in each reference month. Seventy cases were found to actually be in error. Corrections were generated for these on a case-by-case basis, which means that on the full-panel file the sample unit involved will be slightly different in household composition from the individual cross-sectional files.

A sample unit consists of all the data collected for all the persons who lived together in the first wave and for all other persons who at any time during the panel lived with them. An example will clarify what this means. If two persons lived together in the first interview (Wave 1), the unit, as of Wave 1, will include all the data collected for these two people. If, in Wave 2, these people separate and form their own households, all the information for these people will still fall within one sample unit, although it will be subdivided into information for different households. If the people who lived together in Wave 1 gain new roommates when they separate, all of the data collected for these new people are also organized into the sample unit. Thus, a sample unit is a hierarchical configuration. People make up households and one or more households make up a sample unit where each of these households contain at least one person who was in the original Wave 1 household that defines the sample unit.

When the demographic edits are done, all the people in a sample unit are looked at to determine which persons were actually living at the same address in a given month and all of these persons' characteristics (relationship, marital status, etc.) are edited together. Adding or deleting a person from the group that is edited together can affect the relationships of one or all of the other members of the group to each other. Correcting the 70 sample units was the first step in the processing, but this work should not be characterized as longitudinal editing. These were just a few errors in the cross-sectional data that it was felt should be corrected before getting into longitudinal edits.

3. The first variable looked at longitudinally was age. In the rush to create a cross-sectional data file for the first wave of the 1984 Panel, a simplistic approach was taken in dealing with this variable.

   Since there was no bounding information for other demographic variables like relationship or marital status prior to the Wave 1 interview, it was assumed that the status reported at the interview was the same for each of the 4 preceding reference months. For example, if a person, interviewed in October, reported themselves to be married, it was assumed that they were married in the previous 4 months (June, July, August, and September). Obviously, this may not have been true, but it seemed like a reasonable approach.

   Unfortunately, age was also carried as a monthly variable and simply assumed to be unchanging even though there was additional information, namely date of birth, which made it possible to reflect a changing age during the reference period as it occurred. This was corrected in Wave 2 but the problem still existed on the Wave 1 data. There were also cases where age may have been estimated or otherwise misreported and more accurate data obtained in some later interview. Age may also have been consistently refused and independently imputed in each wave. So, as part of the longitudinal editing, age was corrected or made consistent where necessary for all 32 reference months. For completeness and consistency, month and year of birth were simultaneously imputed where necessary. Birth month was imputed for 555 persons. Birth year was derived based on last reported age and birth month (which may have been imputed).

4. The variable for type of living quarters occupied was investigated. This was necessary because, with traditional Census Bureau definitions, the living quarters code has a direct and sometimes confusing effect on demographic variables. Living quarters are divided into two general types: housing units and group quarters. A housing unit is the traditional home, be it a house, apartment, trailer, or flat. A group quarters is a more temporary housing arrangement, such as a room in a hotel, motel, boarding house, or some other facility which is usually occupied by a group of unrelated people. Census Bureau definitions require that any living arrangement which contains nine or more persons who are not related to the person in charge, be edited to be a group quarters, regardless of how it was reported. The same definitions require that a group quarters be occupied by only unrelated individuals. If a man and his wife were to take nine foster children into their home, that home would be considered a group quarters. Everyone in it would be edited to be a secondary individual and, therefore, the husband and wife would no longer be reported as married to each other.

Cross-sectionally, this has no particular importance. Group quarters make up a very small fraction of our total sample and are usually excluded from data analysis. Longitudinally, it can be a little misleading. If in Wave 2 even one of the foster children in the example above found a home somewhere else, the same living quarters would be listed as a housing unit (and, if the two data sets were compared, apparently a marriage took place). Similar types of things can happen when a unit is *reported* to be a group quarters in one wave and the same unit is *reported* to be a housing unit in another wave. It is unlikely that the unit has changed from home to boarding house or vice versa and some editing should be done. In the longitudinal edits the decision was made to attack only the problem of a unit being reported differently at two points in time. The weighting scheme is tied to the Wave 1 interview and could be affected by changes in type of living quarters. For this reason only, the later waves were edited to be consistent with the type of living quarters reported in Wave 1, as long as the address ID was unchanging. There were 17 sample units where changes in type of living quarters were required. All the demographic characteristics of the person occupying these living arrangements also had to be reedited.

5. It is important to remember that all the demographic variables, marital status, relationship to reference person, etc., are collected once every 4 months, but that they are carried on the data file as monthly variables. When some change in one of these variables takes place between interviews, the logic in the edits determines in which month the change actually occurred. This can be quite difficult, especially if not one, but several changes occurred during one 4-month reference period. This relates primarily to the editing of relationship, but also affects the editing of marital status. In editing marital status it was decided to look at persons who reported a changing marital status over time. All possible changes in marital status were looked at and divided into two groups:

   – changes which were clearly possible and likely to occur in the real world, and

   – changes which were impossible or very unlikely to occur from one month to the next.

   Marital status changes falling in the first group would include "never married" to "married, spouse present"; and "married, spouse present" to "separated", "widowed", or "divorced." Changes falling in the second group would include "divorced" to "never married" and "never married" to "widowed."

   Cases in the first group were examined to ensure that changes which involved two persons who, at some point in time, were married, were reported consistently for both persons. Changes falling into the second group were imputed to be consistent over time. This was done using probability tables which were derived from published data from the 1980 Decennial Census. These tables were based on age, race, sex, and relationship both within a household and within a family. This gave the probability for each of two marital statuses which are inconsistent with each other. The more likely marital status was used for all the months previously covered by the two inconsistent marital statuses. Using this edit, changes in marital status were made for about 260 persons. (See Table 1.)

6. Perhaps the most interesting, and most difficult to resolve, inconsistencies are those dealing with relationships. The relationship of one person in a household to every other person in that household for a given month is primarily based upon the reported values of relationship to the reference person, person number of parent, person number of spouse, and marital status for all household members. Seventy-nine sample units required one or more changes in the relationship variables to make them longitudinally consistent. Among these, relationship to reference person is probably the most important.

   From these variables, family relationship, family type, and family number were derived to simplify the identification of multiple families within a household and the individual members of each family. Relationships among household members may change over time, especially as household membership changes. There is a set of relationship variables which are consistent within each household for each individual month of the reference period. Next, changes in the relationship variable from month-to-month were observed to see if those changes were logical or at least possible; if not, procedures needed to be developed to produce longitudinal consistency.

In order to begin to understand what sorts of longitudinal relationship problems existed, a study was done in which the relationships at all points in time among all household members, taken two at a time, were examined. The results showed that for about 83 percent of the sample units and 75 percent of the people there were no changes in relationship or household composition over the 32 months. For these cases, no additional longitudinal editing was recommended. For an additional 7 percent of the sample units and 9 percent of the persons, only trivial changes in household composition occurred. In these cases someone entered or left a household without affecting the relationship of the other persons in the household to each other. No other changes took place in these households and no additional longitudinal relationship editing was required. The remaining 10 percent of the sample units, which account for about 15 percent of the people, had to be examined more closely. From this group three subsets were created.

File X included all structures in which at least two persons are shown to be related at time T1 but not related at time T2. File Y includes all structures in which at least two persons were reported to be not related at time T1 but related at time T2. File Z includes structures where at least two persons were reported to be related at time T1 and at time T2 but their relationship changed in some way. An example of this would be a structure in which two persons were reported to be husband and wife at time T1 and as parent and child at time T2.

It is important to recognize that a sample unit could appear on more than one of these three files. It should also be recognized that these three files do not contain all of the final 10 percent of the sample units that required closer examination.

A closer look at the cases falling into file X showed that about half of the sample units involved were logical situations that could be explained and the other half were probably errors that should be changed. There were now only a handful of sample units; in editing, the decision was made to make case-by-case changes to the data based on research of the specific cases involved. About 70 percent of the sample units in file Y could be explained and no editing or correcting was necessary. The largest subset of these cases were people who lived together before being married and then became married during the reference period. Remember, file Y has cases that were not related at any time during T1 and became related at time T2. The remaining 30 percent of the cases on File Y required some corrections. Again, this was just a small number of sample units which were corrected on a case-by-case basis.

The cases on file Z were a little harder to understand but the vast majority of these cases seemed to point to one common problem. It appears that it is sometimes difficult for the respondent, or perhaps the interviewer, to distinguish between a person who should be reported as a child of the reference person and a person who should be reported as an "other relative" of the reference person. A contributing factor could also be some confusion in the reporting of person number of parent who actually in a few cases was someone who may have been reported as a parent but really was the legal or de facto guardian, rather than a biological or adoptive parent. In a few cases it appears that step children may be reported as "other relatives" rather than as a child, and a minor "other relative" may be reported as a child, primarily because of his/her age. Determining which is really correct in these cases is very difficult and, from the analyst's point of view, for most purposes, the difference between an "other relative" and "child" for persons under the age of 15 is probably insignificant. To make the data longitudinally consistent, an attempt was made to correct these cases, once again, largely as a clerical operation on a case-by-case basis.

It is important at this point to reiterate that the total number of sample units in files X, Y, and Z were only a small part of the total after the most trivial situations in terms of longitudinal relationships were eliminated. Another approach to examining the remaining structures has not been formulated yet. The rules developed for creating the X, Y, and Z files seemed like a good approach for flushing out possible longitudinal inconsistencies in relationship. If there are other ways of examining the data using the computer, they haven't been discovered yet. A great number of the remaining structures

have been looked at clerically and, to date, other inconsistencies have not been found. Much of the editing done to date, particularly in the area of relationships, has been clerical in nature. If a computer edit can be developed which is sophisticated enough to handle these inconsistencies in an acceptable way, then it would be approached that way. Otherwise, until then fairly knowledgeable statisticians will have to continue to review data of this nature on a regular basis and provide the corrections.

Description Of Variables For Longitudinal Household Research

A longitudinal household is defined as follows:

1. It is a household which existed during at least one month.

2. The household continues from one month to the next if it has the same householder (and householder's spouse, if present in the household), and if it is the same household type.

3. The householder (or spouse of householder) must be a 100-level person (that is, a person who as of the first wave was a member of an interviewed household) to be given a longitudinal household weight.

4. The household types are married-couple household; other family household, with a male householder; other family household, with a female householder; nonfamily household, with a male householder; nonfamily household, with a female householder.

Several new variables were created for the 1984 Full-Panel Research File for use in analysis of longitudinal households. These variables were calculated for, and placed on, each persons' records for the months that they were in sample. The longitudinal household variables are "LGTHHTYP" (which identifies the type of longitudinal household); "LGTKEY" (identifies the household number on the longitudinal household's reference person's record and, if a spouse of the reference person is present, on the spouse's record); "LGTOTH" (identifies the household number on the records of persons who were not the reference person or the spouse of the reference person in that longitudinal household); and two factors for use in weighting longitudinal households, "LGTFAC1" and "LGTFAC2."

LGTHHTYP is on each month of each person's record identifying the household type in which that person resided during that month. This one-character variable (and only this one of the longitudinal household variables) is filled even if the household is not considered a "longitudinal household"; that is, if it was not headed by a reference person (or spouse of reference person) who is a 100-level person. In each month the membership of each household is examined, and on the basis of that month's membership, the household type variable, LGTHHTYP, is set for that month. If the person is not a household member during a specific month, the value of LGTHHTYP is set to zero for that month.

In each month, when LGTHHTYP is determined for longitudinal household members, the householder, householder's spouse (if there is one) and all other household members are determined. LGTKEY (a three-character variable) is on every person's record for each of the 32 months; however, it will only be filled with a value other than zero for the householder and the householder's spouse, if there is one, for that household as of that month. LGTOTH (also a three-character variable) is the opposite of LGTKEY. It is on every person's record for each of the 32 months, but is only filled with a value other than zero for persons who were household members in that month but who were not the householder or the householder's spouse. The value of LGTKEY or LGTOTH will be the same for all members of a particular household in a particular month.

LGTKEY and LGTOTH start with a value of "001" for the original sample household visited during the first wave of interviewing at the sample address. In the later interviews, the values of LGTKEY and LGTOTH increment for each new household formed by 100-level persons who were members of that original household. Again, all members of a particular household during a month receive the same value of

LGTKEY or LGTOTH. The values of LGTKEY and LGTOTH on a person's succeeding monthly records remain the same for as many months as that person is a member of the same household and that household's household type has not changed. LGTKEY and LGTOTH increment from "001" and up within one original Wave 1 sample household. In the next original sample household the values of LGTKEY and LGTOTH begin again with "001" and increment within that household. LGTKEY and LGTOTH are simply counters which count each household formed by 100-level members of one Wave 1 original sample unit.

LGTFAC1 and LGTFAC2 are experimental factors to be used as longitudinal weights for longitudinal households. Both are filled for all persons who are members of a longitudinal household in a particular month. Both LGTFAC1 and LGTFAC2 are determined based upon the longitudinal person weight of the Wave 1 original sample household's householder and householder's spouse. The difference between LGTFAC1 and LGTFAC2 is that LGTFAC1 is based upon the mean of the longitudinal person weight of the Wave 1 householder and that householder's spouse's weight (if the household type in the Wave 1 household is married-couple household). Otherwise, if the Wave 1 household type is other than a married-couple household, LGTFAC1 is based upon the longitudinal person weight of the Wave 1 householder. LGTFAC2 is always based upon the Wave 1 householder's longitudinal weight regardless of the household type in Wave 1.

In waves after the first when new longitudinal households are formed by 100-level persons the new households will have longitudinal weights as long as there is a 100-level person as householder or spouse of householder. This weight is based upon the Wave 1 householders (or householder and spouse combined) weight and is carried by all members of the Wave 1 household. Households formed after the first wave which are not married-couple households get the full weight of the Wave 1 householder (or householder/spouse mean person weights). Households which are married-couple households formed after the first wave get a weight which is one-half of the weight of the Wave 1 householder, with one exception. If both the householder and the spouse in a married-couple household formed after the first wave of interviewing are 100-level persons, then the longitudinal weight carried by that household is the new householder's full Wave 1 householder longitudinal person weight.

Edits For Labor Force Activity Consistency

Core questions for each 1984 SIPP interviewing wave began with a series of questions (1 through 8D in Section 1, the Labor Force and Recipiency Section, SC1000 to SC1238) covering various aspects of each sample person's participation or nonparticipation in the labor force during the 4-month reference period (see Figure 2). These questions are asked independently in each interview; i.e., no data from previous interviews are referenced or used in the current interview. The purpose of the questions is to obtain a picture of the individual's labor force activity during the 4-month period. The labor force activity section does not include questions covering specific employers or own businesses. Detailed questions in these areas are covered later in the interview. There was not any type of longitudinal edit performed on the labor force items. However, a new type of cross-sectional edit was introduced in the process of creating the full-panel file. The decision to forego longitudinal edits in the Labor Force and Recipiency Section was based mainly on the low nonresponse rates for these items. Since the most important question (question 1, SC1000) which indicates whether the person worked during the 4-month reference period was a "must fill" item, there is complete response for all interviewed persons. As the nonresponse rates to the other labor force indicators were less than one percent, it was felt that longitudinal editing was not required for the full-panel file. Longitudinal edits for the number of weeks in each month in particular statuses such as without pay, looking for work, and on layoff might be helpful in future developmental work in order to improve the consistency of these occurrences across interviewing waves. The nonresponse rates for numbers of weeks in these statuses ranges between 7 and 12 percent.

Construction of the full-panel file did provide the opportunity to introduce another type of edit that had not been included in the cross-sectional editing system (or interview processing). This edit was designed to examine the consistency between "weeks with a job/business" recorded in the Labor Force and Recipiency Section and "weeks employed" by specific employers derived from information in the Earnings and Employment Section of the questionnaire (question 4, SC1056, and question 6a, SC1100 to SC1134). Inconsistencies in this area had been noticed previously but no consistency edits of this nature (i.e., between sections of the questionnaire) had been implemented for the cross-sectional processing system.

This "weeks employed" edit included three phases. The first phase determined the total number of weeks employed with employers for each month using data from the Earnings and Employment Section. Data fields indicating weeks with an employer each month were previously derived in the cross-sectional processing using questions 3a and 3b, which ask for month and day of employment changes, if any, in the Earnings and Employment Section (SC2014 to SC2022).

The second phase compares these weeks with those reported in the Labor Force and Recipiency Section and then edits the weeks with a "job/business" also reported in that section, if necessary, to agree with the weeks derived from the Employment and Earnings Section. The third phase adjusts other labor force activity items such as "weeks absent without pay" (SC1060-1096 and SC1138-1172), "weeks looking or on layoff" (SC1004 to SC1040 and SC1178 to SC1214), and the associated Employment Status Recode to be consistent with the newly edited "weeks with a job/business" field. A summary of the extent of these edits is shown in Table 2.

The labor force activity data included on the full-panel file are shown below. Each item is present for each month:

1. Employment status recode[3]

2. Number of weeks with a job or business (i.e., employed but not necessarily working)

3. Number of weeks without pay

4. Number of weeks looking for work or on layoff (may or may not have a job)

Edits For Job/business Identification, Hourly Earnings, And Monthly Earnings

In each interview the SIPP core questionnaire contains four sections dedicated to recording monthly earnings amounts received from employers and from self-employment, each for a different employer or business.

A simple numbering system is used to label each employer or business reported by each individual during the life of a panel (for example, see SC2002). Both employers and own businesses are separately numbered in the order in which they appear during the panel. This identification number is used to link data collected in different interviews for the same employer or business. The SIPP control card includes an area for listing the name of each employer or business, along with the identification number and the reference periods in which that employer or business was reported.

The questionnaire sections for employers and businesses are completed independently for each interview except for the list of employer and business names available from the control card. The questions in the Earnings and Employment Section covering earnings from employers and businesses are asked only if questions in the Labor Force and Recipiency Section indicate that the sample person worked during the 4-month reference period. In the Earnings and Employment Section all employer or own business questions covering hours worked, kind of work, main activities or duties, kind of business or industry, hourly earnings, monthly earnings, etc., are asked without reference to answers given in previous interviews.

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3. The Employment Status Recodes (ESR) are defined as follows:
ESR 1—With job entire month, worked all weeks.
ESR 2—With job entire month, missed 1 or more weeks, but not because of a layoff.
ESR 3—With job entire month, missed 1 or more weeks because of a layoff.
ESR 4—With job part of month, but not because of a layoff or looking for work.
ESR 5—With job part of month, some time spent on layoff or looking for work.
ESR 6—No job in month, spent entire month on layoff or looking for work.
ESR 7—No job in month, spent part of month on layoff or looking for work.
ESR 8—No job in month, no time spent on layoff or looking for work.

The next edit undertaken in developing the panel research file was the longitudinal earnings and employer or business identification number edit. Its purpose is two-fold. First, it is intended to examine the employer or business identification numbers for consistency and correct those that were obviously in error. These errors would otherwise result in linking data for different employers together as if the data pertained to the same employer. Second, it is intended to replace when possible, the earnings amounts (SC2032-2038 and SC2238-2244, for example) imputed during the cross-sectional (interview) processing with amounts based on reported values obtained in previous or subsequent interviews.

There are two other types of consistency edits not included in this initial development of the panel research file that may be needed, to some degree, as the system evolves. One of these is an examination and edit of the occupation, industry, and class of worker data. A considerable number of cases with apparent inconsistencies across interview waves have been found. These cases were characterized by wide variations in occupation, industry, and class of worker codes for sample persons with the same employer (same identification number) in two or three consecutive 4-month reference periods (see the discussion in Kalton, McMillen, and Kasprzyk (1986)). Even though the decision was made not to edit these data at this time, editing of the industry and class of worker data is perhaps warranted since these should be much more stable than occupation. The self/proxy interview item (questionnaire cover item 7a) could be used in this type of edit to help determine which values have a higher probability of being erroneous.

A second possible edit that was not developed for this longitudinal processing system was identification and editing of erroneous monthly earnings amounts to be consistent with the general pattern observed in the majority of other months. It seems evident from examination that a significant degree of response error occurs for earnings amounts. Evidence of response error is based on the large number of changes in monthly earnings that were found occurring between months that end and begin adjacent 4-month reference periods compared to months within 4-month reference periods (Burkhead and Coder (1985)). It was also noticed that "within-wave" errors that escaped cross-sectional editing because the data appeared consistent between months within an interview's 4-month reference period were detected only when between-wave comparisons were made. Methods will be investigated for identifying amounts that have extremely high probabilities of being erroneous and then editing procedures will be developed to handle these problems. However, any editing in this area should be kept to a very limited level in order to avoid reducing the true variation in earnings amounts.

Employer and Business Identification Number Edit[4]**.** The examination of the identification numbers was started by reviewing a listing of employment and earnings records for persons with multiple employers (determined by checking for at least one employer with an identification number of "2" or greater) during one or more of the 4-month reference periods. The review revealed that a significant number of cases had identification number errors.

One rather typical error occurred when the sample person changed employers: the new employer was assigned the correct identification number of "2" for the current reference period, but was given an incorrect identification number of "1" in the next interview (a "1" was entered in the questionnaire field for Employer ID).

More complex identification problems occurred when the number of employers over the entire period was three or more. Identification of these types of errors was dependent mainly on the sequence of changing ID numbers, differences in occupation and industry codes, and the continuity of weeks employed with specific employers. Table 3 provides a brief summary of the kind and number of these edits.

Hourly Wage Rate and Monthly Earnings Edit. The procedures established for edits of the monthly earnings amounts and hourly wage amounts followed implementation of the ID number edit and a detailed review of potential problem cases in the Employment and Earnings Section (both in Part A, employer identification, and in Part B, self-employment identification) spanning the eight 4-month reference periods. Editing of the ID numbers prior to this review was required so that the sections could be linked between reference periods using the most correct set of ID's.

4. This description applies to procedures for both employers and businesses even though it mentions only employers.

The edit of the hourly wage rate (*only for persons paid by the hour*) as more straightforward and simple than the monthly earnings edit because the wage rate was not a product of weeks and hours worked each month. Given the existence of at least one reported hourly wage rate for a specific employer during one or more of the eight 4-month reference periods, any imputed hourly wage rate was replaced with the simple average of the reported hourly wage rates. Since the hourly wage rate is recorded only once per reference period (i.e., not a monthly question), the value does not change monthly within a 4-month reference period. Replacement of an imputed hourly wage rate was followed by recalculation of the monthly earnings amounts in order to reflect the new rate. This was done by multiplying weeks with pay each month by the usual hours worked per week and then multiplying this product by the new hourly wage rate for each month.

The edit of monthly earnings amounts was also based on an averaging procedure resulting in replacement of imputed monthly earnings values with values derived from reported figures, if available, or if figures were not available, with values derived from all cross-sectional imputed values. The first step in this edit was the calculation of the *implied hourly* wage and salary amount for reported and imputed values. The implied hourly amounts were derived by summing monthly earnings amounts for each job reported and dividing this sum by the product of weeks with pay and usual hours worked per week during those months. Months with zero earnings were excluded from the computation. All monthly earnings amounts that had been imputed in the cross-sectional processing were replaced by values derived from either the average reported or average imputed hourly wage and salary amount. The implied hourly rate described above was multiplied by the number of weeks with pay and usual hours worked per week for that month (note that the usual hours worked per week is reported for the 4-month reference period as a whole, not monthly, so the same figure is used for each month of a specific reference period for a specific employer).

An additional edit on the monthly wage or salary amount for workers paid by the hour was developed during the panel file processing. This edit compared the reported monthly amount with a calculated monthly amount (weeks with pay each month multiplied by usual hours worked per week multiplied by hourly wage rate). If the reported monthly amount was 10 times greater than the calculated amount, the reported amount was replaced with the calculated amount. This step was added to help lower the number of monthly amounts that have a high probability of being erroneous.

Edits Of Income Sources Coded 1-56

A major portion of the SIPP core questionnaire is dedicated to establishing and maintaining (1) a profile of the sources and amounts of income not directly derived from labor market activity and (2) a profile of asset ownership and income flows from those assets. This section describes the editing procedure for those "nonlabor market activity" derived income sources, coded 1 through 56 (this group includes 39 different income sources (see Figure 3)).

The income profile of each household member age 15 years old and over is established in the initial interview (Wave 1) and updated for each subsequent 4-month reference period for the remainder of the panel's existence in sample. Unlike the employer and earnings data, collection of income data for sources 1 to 56 is *not independent* from one interview to the next. The receipt of specific sources of income for a current 4-month reference period begins with the interviewer reading a list (from the income roster beginning in SC1251) of the income sources that were reported as being received during the previous 4-month reference period. During this process the respondent has the opportunity to indicate errors that may have occurred during the previous interview concerning the receipt of specific income sources as well as to update the receipt of these income sources to the present 4-month period. This update and accompanying reconciliation, if needed, is followed by a group of questions that attempts to identify new sources of income that were not received previously but had been received during this current reference period. Together these two steps provide the income recipiency profile for the current period. Information concerning the monthly amounts received from each source are recorded later in the interview in Part A, Amounts Section (beginning with SC3000). Collection of data for amounts received is *independent* from one interview to the next as *no* information for amounts is recorded on the control card for use in subsequent interviews.

The edits devised for income amounts from sources 1-56 were based on a very conservative approach. Given the limited information available both from the questionnaire and from research on SIPP response error, an edit was chosen that acted only in situations involving the existence of imputed cross-sectional amounts. These imputed amounts were replaced by reported amounts obtained from other reference periods, if available. If *all* monthly amounts for *all* reference periods for a specific income source were imputed in cross-sectional processing, these imputed amounts were averaged across the eight interviews and then used to replace the originally imputed amounts to provide continuity in the longitudinal context. This procedure may suppress variance. However, use of the independent imputations from different cross-sectional files was an even less desirable alternative. No *reported* cross-sectional amounts were changed.

The edit procedure for monthly income amounts was based on a "nearest" month concept and was invoked only when cross-sectionally imputed monthly amounts were encountered. The first step in the process was to determine the reported monthly amount nearest each imputed amount. This nearest month concept gives priority to amounts reported in months preceding the month containing the imputed amount so that a value from a *succeeding* month is used as the donor only if no month prior to the month requiring amount replacement contains a reported amount. For example, consider the situation where receipt of Aid to Families with Dependent Children (AFDC) was reported in the first interview and in the second, but no amounts were reported for the 4 months of the second reference period. In this case the amount reported in the fourth month of the first reference period is filled into each of the 4 months of the second reference period. This decision, which was somewhat arbitrary, produced strings of equal amounts with a value equal to the last reported amount. This outcome occurs because, in virtually all situations requiring some edit, all monthly amounts within a given reference period are imputed. Since most monthly amounts are reported in this manner (equal amounts for all months within a reference period) this procedure replicates the most frequent reporting pattern. The number of cases requiring edit are shown in Table 4 for each income type.

The edit for income sources 1 to 56 also included a correction for an error in the Wave 1 processing procedures. As a result of this error some types of income recipiency were incorrectly changed to "NO." The edit applied if the following situation existed: 1) the income type was received in 3 of the 4 months of the first reference period and 2) the respondent had reported receiving the same income type in the first month of the second observation. If these conditions were met, recipiency for the month in which the income recipiency was "NO" was changed to "YES" and the amount was set equal to the last reported monthly amount in Wave 1. This edit was restricted to income types 1 through 35. Table 5 shows the number of edit occurrences by source of income.

Edits For Assets Coded 100-150

The identification of asset holdings and recording of the amount of income received from these assets is also a major function of the SIPP questionnaire core (see Figure 4 for the full asset listing). The manner in which the asset profile is established is nearly identical to that used for the income sources 1 to 56. The profile is established in the initial interview and updated in subsequent interviews. The types of assets held during the previous 4-month reference period are listed by the interviewer (in the asset roster, beginning in SC1589) as part of the update process for the current reference period. The procedures for identifying errors in recording ownership of assets in the previous interview are the same as those used to identify errors in recording income recipiency for sources coded 1 to 56.

Recording of income flows from assets is, however, considerably different for assets than for income sources 1 to 56. First, while the amount is recorded separately for each asset, only the total amount for the 4-month period is recorded; i.e., there is not a separate question concerning the amount received each month. Second, because many assets are owned jointly by two or more household members or by persons living in different households, separate questions were included to determine the amount of income received as a joint owner of a specific asset and the amount received by persons as the sole owner

of an asset. Third, the amount of income received from some assets are grouped and recorded as a total. For example, the separate income amounts from asset sources 100 to 103 are summed and recorded as a single value. This is also done for asset type groups 104 to 107 and 140 to 150.[5]

While the preceding description summarizes the procedure for collecting and recording asset ownership and income flows from assets, it does not indicate the manner in which the data are collected or are structured on the SIPP cross- sectional data files or on the full-panel file. The basic differences between the way the information was *recorded on the questionnaire* and the *wave cross-sectional data files* are 1) the 4-month amount recorded on the questionnaire is divided evenly into monthly amounts on the cross-sectional files, each being one-fourth of the total; and 2) joint amounts reported to be received by husbands and wives are divided equally between the husband and wife on the cross-sectional file so that amounts appear separately on each person's record even though only the total amount received jointly was recorded on either the husband's or wife's questionnaire.

On the *full-panel research file* the asset ownership and amounts data have been condensed from those present on the cross-sectional files. For a specific asset type, income amounts received through joint and sole ownership were summed to yield a total income amount for that asset. For asset ownership, full detail is carried for the individual types of assets on an observation basis.

Longitudinal editing of the asset ownership and income flow amounts are similar to those described for income sources coded 1 to 56. However, instead of using the "nearest" month edit that was implemented for the income types coded 1 to 56, in the assets section, any values which were imputed during the cross-sectional edits were replaced with the average of the *reported* values of asset income from other waves. Table 6 shows counts of edits that substituted average reported data for imputed data by asset type.

Elimination Of Double-counting Of AFDC, Food Stamps, And WIC

Our efforts to reduce double-counting of income amounts (AFDC, Food Stamps, and WIC) by both the husband and wife through questionnaire check items were, for the most part, successful. Some of these situations, however, still did occur. These cases were identified by locating husbands and wives reporting the same income source for the same month. After thorough examination of a sample of these situations by income type, a generalized computer edit was developed which would delete the recipiency and amount from either the husband or the wife. Variables used by the edit to make this decision were imputation status of the amount field, indication of an error in the update roster, number of months reported, sex, and family relationship.

Program Coverage

One of the other major functions of the SIPP questionnaire design was identification of each household member included in a specific "transfer unit." A transfer unit is defined, somewhat loosely, as a group of persons who have qualified for and received a cash or noncash benefit.

Collection of the data needed to identify members of transfer units required two steps. First, a "primary" recipient (this may be the name of the person on the check, the name of the person in whose name the benefit is issued, the representative payee, etc.) is determined. Any person age 15 and over may be a primary recipient if that person reports receiving the benefit and meets several other requirements; e.g., being a parent or guardian. Second, each primary recipient (there may be more than one for a particular income or noncash benefit in a household) is asked to identify any other household members who were included as part of the group qualifying for benefits.

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5. Asset types 100 to 103 include savings accounts, money market accounts, savings certificates, and interest-earning checking accounts. The asset types 104 to 107 are money market funds, U.S. Government securities, municipal or corporate bonds, and "other interest-earning assets." The asset types 140 to 150 are royalties and "other financial investments." The *amounts* received from these sources were combined in the same manner into totals at the time they were being recorded on the SIPP questionnaire.

Identification of the members of a transfer unit occurs following questions on the amounts received each month from that specific transfer source (except for Medicaid coverage which is recorded in the recipiency section). The person number of each member covered by the benefit is recorded in the appropriate section. Monthly coverage is not recorded for each member of the transfer unit; therefore, no changes in individual coverage can be indicated within a 4-month reference period. The identification of income sources (and Medicaid coverage) received in a particular 4-month reference period (other than in Wave 1) is not independent of reporting in the previous reference period; *however*, the identification of persons covered by transfer income sources is independent from one reference period to the next.

Cross-sectional processing of the data collected in each wave included creation of coverage indicators for the appropriate transfer benefit programs such as AFDC and Medicaid. These indicators were developed to simplify identification of persons with these types of coverage and to provide a variable that could be used to assign coverage in situations where coverage was not reported but should have been (categorical eligibility). For example, persons with AFDC are by definition also covered by Medicaid, so "CAIDCOV" is set. Establishment of the indicators in the cross-sectional processing was based on person numbers reported by the primary recipients and, for Medicaid and Medicare, the categorical eligibility, given reported participation in other cash transfer programs. The coverage indicators on the cross-sectional files do not identify members of a particular transfer unit specifically. Note that, in the cross-sectional procedures for assigning Medicaid and Medicare coverage to categorically eligible persons who failed to report coverage in the interview, the procedures do *not* go on to create variables containing the person numbers of the transfer unit members who would also have been covered when the primary recipient was identified in this manner.

Longitudinal processing of program coverage data was minimal and associated directly with the correction of an error in the Wave 1 processing procedures for income sources 1-35 as described in a previous section. It is also associated with replacing imputed "No's" with reported amounts for selected income types during the panel file processing of amounts edits of income sources 1-56. Program coverage data must be edited to be consistent with the corrected transfer income recipiency. If the income recipiency was changed from "no" to "yes", the primary recipient's status was changed to "covered." Since no information is available concerning which members were included in the transfer unit, a simple procedure was used to make the coverage assignments. If the income source was received in the current 4-month reference period, the coverage indicators were extrapolated backward by linking the members present in both periods. If, for some reason, there were no members covered in the current 4-month period who were also household members in the previous 4-month period, no assignment of coverage was made.

While longitudinal editing of the program coverage data was not extensive, the longitudinal processing system for the coverage data did contain an important new procedure. In this procedure the program coverage variables were restructured to allow for the identification of specific transfer units given that the person numbers for "covered" household members have not been included on the record for the primary recipient on the full-panel file. The cross-sectional files have variables which are listings of the person numbers of persons covered by the primary recipient's specific types of income. The full-panel file restructures this information so that on each person's record the information about whether that person is covered under specific programs is shown for each month. An index of the person from whom coverage was assigned is located on each covered person's record by type of income received, for example, SS-PIDX shows the index number of the person who is the primary recipient of social security income.

The monthly program coverage fields for the income/benefit types listed below were structured to allow identification of individual program units within a particular household:

- Aid to Families with Dependent Children
- Food Stamps
- WIC
- Veterans pensions and compensation
- General Assistance
- Other Welfare

- Foster Child Care
- Indian, Cuban, and Refugee Assistance
- Social Security (children only)
- Railroad Retirement (children only)

In this procedure for identifying program units the person numbers of the household members covered (listed in the appropriate areas of the questionnaire for each interview) were used to form the program units. The program units were numbered from 1 to N. All persons in the same program unit for a particular income/benefit type in a particular month were assigned the sequence number of the person's record for the person in whose name the program was reported. A value of zero in a program coverage variable indicates a "not covered" status. If, in the process of assigning the program unit identifiers, a person is listed as a member of more than one unit for the same income/benefit type, the unit identifier of the first unit identified during the processing of that household's data for that month was assigned. Development of the transfer unit indicators revealed that respondents some- times incorrectly reported that "all" persons in the household were covered by a particular program. Cross-sectional processing did not correct for these obvious errors. Procedures were included in the longitudinal system to eliminate most of these problem cases.

Health And Medical Care Coverage Consistency Edits

The SIPP questionnaire includes questions pertaining to the health insurance and medical care coverage of all household members. While each interview contains questions on this subject, the manner in which this information is collected varies depending on the type of health or medical coverage. Medicare and Medicaid are two public medical benefit programs covered specifically. Private health insurance is included, with a distinction made between insurance provided through employers (or previous employers) and insurance obtained through other sources. Other questions concerning private health insurance include the type of plan and the proportion of the cost paid by the employer, if the plan was provided through an employer.

Medicaid and private health insurance coverage data are collected in each interview in the Labor Force and Recipiency Section of the questionnaire. The Medicaid coverage data are updated *dependently* by referencing the coverage reported in the previous interview in the current interview. Medicaid coverage is indicated by wave in the Control Card Section dedicated to recording information on income recipiency and other statuses. Dependent updating of Medicaid coverage is restricted to persons age 18 and over (unless the individual is a parent). Coverage information for younger household members is derived by asking parents or guardians about cover- age for children in the household. The private health insurance coverage is updated *independently*, as no data collected in previous interviews are used. Coverage is asked specifically for all household members age 15 and over. Coverage of household members under age 15 is derived by asking which household members are covered by insurance policies obtained by adult members.

The update for Medicaid and private health insurance coverage identifies persons having coverage at any time during the 4- month reference period but does not provide a monthly accounting of coverage. This monthly accounting is derived in one of two ways. For adult Medicaid-covered individuals and for persons with private health insurance in their "own name" (policyholders) a question is asked directly concerning the months of coverage. The months of coverage for all other household members were derived by linking their coverage to the adult household members reporting that their coverage extended to these other household members.

Unlike Medicaid and private health insurance coverage, Medicare coverage is not updated during each interview. A question concerning Medicare coverage is asked during each interview for persons in the likely "eligible" universe (i.e., 65 years and older or with a work disability) only if they have not previously indicated coverage or if they have recently entered the likely eligible universe. Persons who have indicated coverage in a previous interview are assumed to have continued coverage. No monthly coverage data are collected so coverage is assumed for all months of each 4-month reference period.

The *private health insurance* variables on the full-panel file are structured differently than those on the wave cross- sectional files. They do not replicate the detail as collected in the individual 4-month reference periods but have been restructured into three variables: a variable indicating coverage in the person's "own name" (variable name: "HIOWNCOV"); a variable indicating coverage in "someone else's name" (variable name: "HIOTCOV"); and a variable indicating if the insurance was obtained through an employer (variable name: "HIEMPLYR"). This last variable applies only to persons with coverage in their own name. Unlike the cross- sectional files which list person numbers of covered individuals on the record of the person in whose name the policy is held, no attempt was made to establish covered units; i.e., which household members were covered by which member's policy.

The Medicaid coverage field on the full-panel file also differs in structure from the field on the cross-sectional files. The detailed responses that were included on the cross-sectional files are not included on the full-panel file. Only the "CAIDCOV" field which reflects the fully edited coverage indicator has been included for each of the thirty-two months.

Survey Weighting Procedures

A very important part of the full-panel file development was the calculation of the sample "weight" for each interviewed person. The weight is essentially the number of persons in the population represented by a particular sample person. On the panel file, three weights were carried for each interviewed person. These are a panel weight and calendar-year weights for 1984 and 1985.

Weights are assigned in a manner that assures that the sum of the weights of the sample persons equals independent estimates of the population for specified age, race, and sex categories. Control dates for the weights assigned on the panel file are November 1, 1983 (panel weight), January 1, 1984 (calendar- year 1984 weight), and January 1, 1985 (calendar-year 1985 weight).

Weighting procedures are also used to adjust for differential noninterview rates of the population based on other characteristics. These kinds of adjustments were used in the weighting procedures for the SIPP full-panel file to help account for any differences in the characteristics of interviewed persons compared to those lost due to noninterviews and other reasons. Weights were assigned only to persons in the following categories: 1) those interviewed in each interview that covers the appropriate reference period (panel, calendar years 1984 and 1985), 2) those interviewed in all interviews prior to death, and 3) those interviewed in all interviews prior to moving into the institutionalized population or leaving the country.

Topcodes, Bottomcodes, And Other Recodes

In order to maintain confidentiality of respondents, during cross-sectional processing certain variables were recoded. These recodes were implemented in a similar manner for the full-panel research file.

1. Age has been topcoded to 85 years and the birth year has been bottomcoded to 1900.

2. Asset income was topcoded to $10,000 for each wave ($2,500 for each month). For assets that were jointly owned by husband and wife, the topcode was $20,000 as the amount was equally divided on each spouse's separate income record ($10,000 for each spouse).

3. All other reported income amounts were topcoded to $8,333 for monthly amounts; $33,332 for amounts reported once per interview (covering a 4-month period); and $99,996 for annual or single point amounts. The monthly topcoding was done *only* if the total amount reported during an interview, over 4 months, exceeded $33,332. Loss of income was bottomcoded to these same amounts for each time frame.

   Recoded income variables aggregating income of individual family members or aggregating several sources of income reflect the topcoding done to the detail. Individual amounts were reaggregated after they were topcoded.

One exception is that social security income for children had a topcode of $5,000 for each month of the reference period.

4. Because of small populations in these states' sample areas, the following four states were combined and given the state code "90": Idaho, New Mexico, South Dakota, and Wyoming. Mississippi and West Virginia were combined under state code "91."

5. As noted in a previous section, the receipt of certain types of income sources and certain asset types were grouped together to protect confidentiality.

File Structure

A rectangular structure was selected for construction of the panel file. All persons with the same PSU, segment, and serial numbers are grouped together. Persons living together as a household in any given month have the same "HHADDID" number.

All persons who were members of an interviewed household for at least one of the first eight interviews are included on the panel data file. Each of these persons has one person- level record. All persons with 200--level person numbers are included even though their panel weight is zero, but they may have positive calendar-year weights. These are persons that entered the sample in the second or later interviews by living with an original (100-level) sample person.[6] Edited demographic, income, and other data are present for these persons even though one or more of their weights are zero. The aggregated income amounts for families and households include the income of these 200+-level persons, and the poverty thresholds reflect their presence in the family.

The person-level record contains: 1) basic variables that were collected only at the initial contact, 2) variables that apply to a point in time (the interview date), and 3) variables that apply to each individual month of the reference period. Some sections of the record are made up of identically struct- ured subsections. These are required to accommodate multiple income sources and amounts, different asset ownerships and income flows, different employers, and different own busi- nesses. Subsections included are 10 for income types, 6 for asset types, and 2 each for employers and businesses.

The person-level records are ordered in a manner that follows the record sequence of the Wave 1 file for 100-level persons with 200+-level persons following. Specific ordering of these person-level records is not particularly meaningful since household relationships, family and household composition, etc., can change monthly.

A key variable on the person record is the interview status field "PP-MIS." Values of "1" in this field indicate that this person was considered an interview for that month and the data fields have valid and consistent entries. The PP-MIS field applies to Type Z noninterviews--noninterviewed persons within interviewed households; that is, Type Z noninterviews are coded as "PP-MIS=1" because they are included in the development of monthly household and family income. A value of "2" for PP-MIS indicates that the person was not considered an interview for that month. In these cases, the monthly variables will have values of zero.

It should be noted that *not all* sample persons with a PP-MIS of "1" for a particular month have a positive weight. Only those persons as described in the weighting section have panel or calendar-year weights greater than zero. All persons with a PP-MIS of "1" do have valid monthly data.

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6. Persons interviewed during the first interview received a number in the "100" series--with the members of a household always getting the numbers 101 and so on in sequence. Persons entering a household in the *second* wave receive a number in the "200" series, beginning with 201, and so on through the nine waves. (Exceptions: There are 300-level persons in interview 2 because the second interview for the fourth rotation group took place during the 3rd wave! Similarly, there are 400-level persons in interview 3 because the third interview for the fourth rotation group took place during the 4th wave. This continues for rotation group 4 through Wave 9. Similarly the same phenomenon occurs again for a different rotation group in Wave 9 because the eighth interview for the third rotation group took place during Wave 9. These idiosyncrasies occur because Waves 2 and 8 only had 3 rotation groups.)

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Figure 1. Design of 1984 SIPP Panel

Rotation	Wave	Interview Month	Reference Months
1	1	Oct. 83	June, July, Aug., Sept. (83)
2	1	Nov. 83	July, Aug., Sept., Oct. (83)
3	1	Dec. 83	Aug., Sept., Oct., Nov. (83)
4	1	Jan. 84	Sept., Oct., Nov., Dec. (83)
1	2	Feb. 84	Oct., Nov., Dec. (83), Jan. (84)
2	2	March 84	Nov., Dec. (83), Jan., Feb. (84)
3	2	April 84	Dec. (83), Jan., Feb., March (84)
4	3	May 84	Jan., Feb., March, April (84)
1	3	June 84	Feb., March, April, May (84)
2	3	July 84	March, April, May, June (84)
3	3	Aug. 84	April, May, June, July (84)
4	4	Sept. 84	May, June, July, Aug. (84)
1	4	Oct. 84	June, July, Aug., Sept. (84)
2	4	Nov. 84	July, Aug., Sept., Oct. (84)
3	4	Dec. 84	Aug., Sept., Oct., Nov. (84)
4	5	Jan. 85	Sept., Oct., Nov., Dec. (84)
1	5	Feb. 85	Oct., Nov., Dec. (84), Jan. (85)
2	5	March 85	Nov., Dec. (84), Jan., Feb. (85)
3	5	April 85	Dec. (84), Jan., Feb., March (85)
4	6	May 85	Jan., Feb., March, April (85)
1	6	June 85	Feb., March, April, May (85)
2	6	July 85	March, April, May, June (85)
3	6	Aug. 85	April, May, June, July (85)
4	7	Sept. 85	May, June, July, Aug. (85)
1	7	Oct. 85	June, July, Aug., Sept. (85)
2	7	Nov. 85	July, Aug., Sept., Oct. (85)
3	7	Dec. 85	Aug., Sept., Oct., Nov. (85)
4	8	Jan. 86	Sept., Oct., Nov., Dec. (85)
1	8	Feb. 86	Oct., Nov., Dec. (85), Jan. (86)
2	8	March 86	Nov., Dec. (85), Jan., Feb. (86)
3	9	April 86	Dec. (85), Jan., Feb., March (86)
4	9	May 86	Jan., Feb., March, April (86)
1	9	June 86	Feb., March, April, May (86)
2	9	July 86	March, April, May, June (86)

Figure 2. Labor Force Questions

Section 1 — LABOR FORCE AND RECIPIENCY

(SHOW FLASHCARD 7)

1. During the 4-month period outlined on this calendar, that is, from (4 months ago) thru (last month), did . . . have a job or business, either full time or part time, even for only a few days?
Mark "Yes" for active duty in the Armed Forces, any temporary or part-time work, and work without pay in a family business or farm.

1000
1 ☐ Yes — *Mark "Worked" (code 170) on ISS and SKIP to 4*
2 ☐ No

2a. Even though . . . did not have a job during this period, did . . . spend any time looking for work or on layoff from a job?

1002
1 ☐ Yes
2 ☐ No — *SKIP to 3a*

b. Please look at the calendar. In which weeks was . . . looking for work or on layoff from a job?
Mark (X) all that apply.

1004 X1 ☐ ALL

1006	☐ 1	1018	☐ 7	1030	☐ 13
1008	☐ 2	1020	☐ 8	1032	☐ 14
1010	☐ 3	1022	☐ 9	1034	☐ 15
1012	☐ 4	1024	☐ 10	1036	☐ 16
1014	☐ 5	1026	☐ 11	1038	☐ 17
1016	☐ 6	1028	☐ 12	1040	☐ 18

c. Could . . . have taken a job during any of these weeks if one had been offered?

1042
1 ☐ Yes — *SKIP to Check Item R1*
2 ☐ No

d. What was the main reason . . . could not take a job during those weeks?
Mark (X) only one.

1044
1 ☐ Already had a job
2 ☐ Temporary illness
3 ☐ School
4 ☐ Other — Specify ______________

CHECK ITEM R1 *Refer to item 2b.*
Is the "ALL" box marked in 2b?

1046
1 ☐ Yes — *SKIP to 9a, page 4*
2 ☐ No — *SKIP to 3b*

3a. Were there any weeks in the 4-month period when . . . wanted a job?

1048
1 ☐ Yes — *SKIP to 3c*
2 ☐ No — *SKIP to 9a, page 4*

b. I have recorded that there were weeks that . . . did not work or look for work. Did . . . want a job in those weeks?

1050
1 ☐ Yes
2 ☐ No — *SKIP to 9a, page 4*

c. Could . . . have taken a job in those weeks if one had been offered?

1052
1 ☐ Yes
2 ☐ No — *SKIP to 9a, page 4*

d. During the weeks that . . . wanted a job but was not looking for one, what was the main reason . . . was not looking?
Mark (X) only one.

1054
1 ☐ Believes no work available in line of work or area
2 ☐ Couldn't find any work
3 ☐ Lacks necessary schooling, training, skills, or experience
4 ☐ Employers think too young or too old
5 ☐ Other personal handicap in finding job
6 ☐ Can't arrange child care
7 ☐ Family responsibilities
8 ☐ In school or other training
9 ☐ Ill health, physical disability
10 ☐ Other — Specify ______________
X1 ☐ DK

SKIP to 9a, page 4

4. Did . . . have a job or business, either full or part time, during EACH of the weeks in this period?
Note that the person did not have to work each week.

1056
1 ☐ Yes
2 ☐ No — *SKIP to 6a*

5a. Was . . . absent without pay from . . .'s job or business for any FULL weeks during the 4-month period?

1058
1 ☐ Yes
2 ☐ No — *SKIP to 6a, page 4*

b. Please look at the calendar. In which weeks was . . . absent without pay?
Mark (X) all that apply.

1060 X1 ☐ ALL

1062	☐ 1	1074	☐ 7	1086	☐ 13
1064	☐ 2	1076	☐ 8	1088	☐ 14
1066	☐ 3	1078	☐ 9	1090	☐ 15
1068	☐ 4	1080	☐ 10	1092	☐ 16
1070	☐ 5	1082	☐ 11	1094	☐ 17
1072	☐ 6	1084	☐ 12	1096	☐ 18

c. What was the main reason . . . was absent from . . .'s job or business during those weeks?
Mark (X) only one.

1098
1 ☐ On layoff
2 ☐ Own illness
3 ☐ On vacation
4 ☐ Bad weather
5 ☐ Labor dispute
6 ☐ New job to begin within 30 days
7 ☐ Other — Specify ______________

SKIP to 6a, page 4

Figure 2. Labor Force Questions--Continued

Section 1 — LABOR FORCE AND RECIPIENCY (Continued)

LABOR FORCE AND RECIPIENCY

(SHOW FLASHCARD J)

6a. Please look at the calendar. In which weeks did . . . have a job or business?

Mark (X) calendar below, "With a job or business," AND then mark appropriate box(es). →

1100	☐ 1	1112	☐ 7	1124	☐ 13
1102	☐ 2	1114	☐ 8	1126	☐ 14
1104	☐ 3	1116	☐ 9	1128	☐ 15
1106	☐ 4	1118	☐ 10	1130	☐ 16
1108	☐ 5	1120	☐ 11	1132	☐ 17
1110	☐ 6	1122	☐ 12	1134	☐ 18

b. Of those weeks that . . . had a job or business, was . . . absent from work for any full weeks without pay?

1136
1 ☐ Yes
2 ☐ No — *SKIP to 7a*

c. In which weeks was . . . absent without pay?

1138	☐ 1	1150	☐ 7	1162	☐ 13
1140	☐ 2	1152	☐ 8	1164	☐ 14
1142	☐ 3	1154	☐ 9	1166	☐ 15
1144	☐ 4	1156	☐ 10	1168	☐ 16
1146	☐ 5	1158	☐ 11	1170	☐ 17
1148	☐ 6	1160	☐ 12	1172	☐ 18

d. What was the main reason . . . was absent from . . .'s job or business during those weeks?

Mark (X) only one.

1174
1 ☐ On layoff
2 ☐ Own illness
3 ☐ On vacation
4 ☐ Bad weather
5 ☐ Labor dispute
6 ☐ New job to begin within 30 days
7 ☐ Other — *Specify*

7a. I have marked that there were some weeks in this period in which . . . did NOT have a job or business. During that week or weeks did . . . spend any time looking for work or on layoff?

1176
1 ☐ Yes
2 ☐ No — *SKIP to 7e*

b. In which of those weeks was . . . looking for work or on layoff from a job?

Mark (X) calendar below, "Looking for work or on layoff" AND then mark appropriate box(es). →

1178 31 ☐ All weeks without a job

1180	☐ 1	1192	☐ 7	1204	☐ 13
1182	☐ 2	1194	☐ 8	1206	☐ 14
1184	☐ 3	1196	☐ 9	1208	☐ 15
1186	☐ 4	1198	☐ 10	1210	☐ 16
1188	☐ 5	1200	☐ 11	1212	☐ 17
1190	☐ 6	1202	☐ 12	1214	☐ 18

c. Could . . . have taken a job during those weeks if one had been offered?

1216
1 ☐ Yes — *SKIP to Check Item R2*
2 ☐ No

d. What was the main reason . . . could not take a job during those weeks?

1218
1 ☐ Already had a job
2 ☐ Temporary illness
3 ☐ School
4 ☐ Other — *Specify*

CHECK ITEM R2

Refer to the Labor Force Calendar, below. Is each week of the 4-month period marked as "With a job or business" or "Looking for work or on layoff"?

1220
1 ☐ Yes — *SKIP to 8a*
2 ☐ No — *SKIP to 7f*

7e. Did . . . want a job in those weeks when . . . did not have one?

1222
1 ☐ Yes — *SKIP to 7g*
2 ☐ No — *SKIP to 8a*

f. I have marked that there were weeks in this period when . . . did not have a job and was not looking for a job. Did . . . want a job in those weeks?
If necessary, refer to Labor Force calendar.

1224
1 ☐ Yes
2 ☐ No — *SKIP to 8a*

g. Could . . . have taken a job during those weeks if one had been offered?

1226
1 ☐ Yes
2 ☐ No — *SKIP to 8a*

LABOR FORCE CALENDAR — *Use when item 4 is marked "No"*

WEEK →	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
With a job or business. *Mark for item 6a.*																		
Looking for work or on layoff (and without a job or business.) *Mark for item 7b.*																		

Figure 2. Labor Force Questions--Continued

Section 1 — LABOR FORCE AND RECIPIENCY (Continued)

7h. During the weeks that . . . wanted a job but was not looking for one, what was the main reason . . . was not looking? *Mark (X) only one.*	1228	1 ☐ Believes no work available in line of work or area 2 ☐ Couldn't find any work 3 ☐ Lacks necessary schooling, training, skills, or experience 4 ☐ Employers think too young or too old 5 ☐ Other personal handicap in finding job 6 ☐ Can't arrange child care 7 ☐ Family responsibilities 8 ☐ In school or other training 9 ☐ Ill health, physical disability 10 ☐ Other — *Specify* ____ X1 ☐ DK
8a. In the weeks that . . . worked during the 4-month period, how many hours did . . . usually work per week?	1230	☐☐ Hours per week X5 ☐ None X1 ☐ DK } *SKIP to 9a*
CHECK ITEM R3 *Refer to item 8a.* Did . . . usually work 35 or more hours per week?	1232	1 ☐ Yes 2 ☐ No — *SKIP to 8c*
8b. Did . . . work less than 35 hours in any of the weeks that . . . worked during this period? Exclude time off WITH PAY because of holidays, vacation, days off or sickness.	1234	1 ☐ Yes 2 ☐ No — *SKIP to 9a*
c. In how many weeks did . . . work less than 35 hours during this 4-month period?	1236	X5 ☐ All ☐ Weeks
d. What was the main reason . . . worked less than 35 hours in those weeks? *Mark (X) only one.*	1238	1 ☐ Could not find a full-time job 2 ☐ Wanted to work part time 3 ☐ Health condition or disability 4 ☐ Normal working hours are less than 35 hours 5 ☐ Slack work or material shortage 6 ☐ Other — *Specify* ____

Figure 3. Income Source List - Codes 1-56

INCOME SOURCE LIST
INCOME LIST

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

Source: Inside last page of SIPP questionnaire.

Figure 4. Asset Codes - Codes 100-150

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

Source: Inside last page of SIPP questionnaire.

Table 1. Marital Status Edits

This table shows the number of changes made to marital status because of inconsistencies on the cross-sectional files. These counts only reflect changes made when a "nonmarried, spouse present" marital status is followed by another "nonmarried, spouse present" marital status which is inconsistent. An example would be someone who changes from "separated" in one month to "never married" in the next month.

Month N	Month N+1	Month N+2	Edit	Number
MSA	NM		MSA-->NM	15
WID	NM		NM--->WID	2
WID	NM		WID-->NM	4
DIV	NM		NM--->DIV	11
DIV	NM		DIV-->NM	14
SEP	NM		NM--->SEP	4
SEP	NM		SEP-->NM	17
WID	DIV		DIV-->WID	22
WID	DIV		WID-->DIV	10
WID	SEP		WID-->SEP	2
DIV	SEP		SEP-->DIV	24
DIV	SEP		DIV-->SEP	21
NM	WID		WID-->NM	5
NM	WID		NM--->WID	4
NM	DIV		DIV-->NM	29
NM	DIV		NM--->DIV	12
NM	SEP		SEP-->NM	19
NM	SEP		NM--->SEP	8
DIV	WID		WID-->DIV	15
DIV	WID		DIV-->WID	17
MSA	NM		NM--->MSA	1
WID	SEP		SEP-->WID	3
MSP	NM	DIV	NM--->DIV	1
MSP	DIV	WID	DIV-->WID	1
			---------	---
			Total Changes	262

In two cases marital status was first reported as "married, spouse present," then reported as "separated," and in a third report given as "never married." In these two cases the "never married" status was changed to "separated."

Table 2. Summary Counts From the Edit of "Weeks With a Job or Business" in the Labor Force Section and "Weeks With a Job or Business" in the Employment and Earnings Section

Situation	Percent Distribution Of Occurrences
Total months checked	100.0
Weeks in labor force and employer sections the same	92.5
Weeks in labor force equal total weeks in specified month and multiple employer records present	3.7
Unpaid worker or business record only	0.7
Labor force weeks inconsistent and edited to conform to employer record weeks with the job	3.1
Edited ''weeks with a job or business''	100.0
''Weeks with a job or business'' changed to zero, total	16.5
ESR changed to 6	0.8
ESR changed to 7	3.1
ESR changed to 8	12.6
''Weeks with a job or business'' changed, resulting value 1-5, total	83.5
ESR changed to 1	49.5
ESR changed to 2	0.5
ESR changed to 3	0.5
ESR changed to 4	21.3
ESR changed to 5	11.7

Table 3. Summary Counts From the Edit of Job Identification Numbers

Situation	Number of occurrences
Total number of employer records	178,805
Records requiring edit of Job ID	7,061
Job ID of first employer record ≠1.	626
Gaps in ID's	3,029
Job ID assigned incorrectly	3,406

Table 4. Longitudinal Imputation Rates by Type of Income: 32-Month Average, 1984 SIPP Panel File

(Includes imputation due to item nonresponse only. Excludes imputations to Type Z's)

Income type	Number				Percent		
	Total	No imputations	Some imputations	All imputations	No imputations	Some imputations	All imputations
Social Security	6,422	5,630	550	242	87.7	8.6	3.8
Railroad Retirement	163	137	17	9	84.0	10.4	5.5
Federal SSI	703	634	30	39	90.2	4.3	5.5
State SSI	16	15	-	1	93.8	-	6.3
Unemployment compensation	494	428	22	44	86.6	4.5	8.9
Supplemental unemployment benefits	21	17	1	3	81.0	4.8	14.3
Other unemployment compensation	12	11	-	1	91.7	-	8.3
Veterans compensation	687	597	53	37	86.9	7.7	5.4
Black lung payments	39	32	3	4	82.1	7.7	10.3
Workers compensation	127	109	6	12	85.8	4.7	9.4
State temporary sickness	25	21	1	3	84.0	4.0	12.0
Employer temporary sickness	19	16	1	2	84.2	5.3	10.5
Payments from own insurance policy	30	23	1	6	76.7	3.3	20.0
AFDC	610	562	29	19	92.1	4.8	3.1
General assistance	187	158	11	18	84.5	5.9	9.6
Refugee assistance	3	2	-	1	66.7	-	33.3
Foster child care payments	14	12	1	1	85.7	7.1	7.1
Other welfare	42	34	2	6	81.0	4.8	14.3
WIC	274	236	26	12	86.1	9.5	4.4

Table 4. Longitudinal Imputation Rates by Type of Income: 32-Month Average, 1984 SIPP Panel File--Continued

(Includes imputation due to item nonresponse only. Excludes imputations to Type Z's)

Income type	Number				Percent		
	Total	No imputations	Some imputations	All imputations	No imputations	Some imputations	All imputations
Food stamps	1,320	1,224	56	40	92.7	4.2	3.0
Child support	635	580	29	26	91.3	4.6	4.1
Alimony	93	77	7	9	82.8	7.5	9.7
Company or union pension	1,615	1,363	130	122	84.4	8.0	7.6
Civil Service pension	367	316	23	28	86.1	6.3	7.6
Military retirement	253	217	13	23	85.8	5.1	9.1
Reserve or National Guard retirement	24	21	2	1	87.5	8.3	4.2
State government pension	424	365	30	29	86.1	7.1	6.8
Local government pension	174	147	12	15	84.5	6.9	8.6
Life insurance or annuities	142	105	20	17	73.9	14.1	12.0
Estates and trusts	63	45	10	8	71.4	15.9	12.7
Other retirement	171	143	9	19	83.6	5.3	11.1
G.I. Bill	52	41	4	7	78.8	7.7	13.5
Assistance from charitable group	3	2	-	1	66.7	-	33.3
Money from relatives or friends	258	212	18	28	82.2	7.0	10.9
Lump sum payments	21	19	1	1	90.5	4.8	4.8
Income from roomers or boarders	23	21	1	1	91.3	4.3	4.3
National Guard or Reserve pay	98	81	8	9	82.7	8.2	9.2
Incidental earnings	164	144	8	12	87.8	4.9	7.3
Other income	127	107	9	11	84.3	7.1	8.7

Table 5. Summary of Edits for Correction of Wave 1 Error in Consistency Edit Specifications

Type of income	Number of times edit required
Total	152
Social Security	25
Railroad Retirement	2
Federal SSI	8
State unemployment compensation	26
Supplemental unemployment benefits	1
Other unemployment compensation	1
Veterans payments	2
Workers compensation	1
Insurance policy payments	1
AFDC, ADC	6
General assistance	1
Foster child care payments	1
WIC	8
Food stamps	20
Child support payments	22
Alimony	4
Company or union pension	13
Federal employee pension	4
U.S. Military retirement	3
National Guard or Reserve retirement	1
State government pension	1
Local government pension	1

Table 6. Longitudinal Imputation Rates by Type of Income From Assets for Asset Sources 100-150: 32-Month Average, 1984 SIPP Panel File

(Includes imputation due to item nonresponse. Excludes imputations to Type Z's)

Asset type	Number				Percent		
	Total	No imputations	Some imputations	All imputations	No imputations	Some imputations	Al imputa tion
100-103, Joint........	11,756	9,889	1,262	605	84.1	10.7	5.
100-103, Own..........	9,880	7,720	1,247	913	78.1	12.6	9.
104-107, Joint........	1,124	916	175	33	81.5	15.6	2.
104-107, Own..........	1,122	831	173	118	74.1	15.4	10.
110, Joint, Received..	1,173	965	89	119	82.3	7.6	10.
110, Joint, Credited..	586	319	114	153	54.4	19.5	26.
110, Own, Received....	2,144	1,105	287	752	51.5	13.4	35.
110, Own, Credited....	1,166	397	211	558	34.0	18.1	47.
120, Joint............	1,336	1,021	206	109	76.4	15.4	8.
120, Own..............	512	359	80	73	70.1	15.6	14.
120, Other Joint......	239	172	27	40	72.0	11.3	16.
130, Joint............	446	362	59	25	81.2	13.2	5.
130, Own..............	258	162	45	45	62.8	17.4	17.
140-150...............	595	505	44	46	84.9	7.4	7.

APPENDIX

The Cross-Sectional Persons/Family Edit

Introduction

In SIPP as in most surveys, the basic unit for data collection is the person. Most of the data is collected on a person-by-person basis; that is, persons are interviewed for and about themselves. When it comes time to analyze the data, there is, of course, interest in what the data can say about the individual, but also interest in what it tells us about groups of people such as households and families. This is especially important for income surveys since a person's economic well-being is really a function of the well-being of the family or household in which he resides.

For the survey's purposes, a household is made up of all the persons who reside at the same address at a given point in time. A unique identifier is assigned to each sample address (PSU, SEGMENT, SERIAL NUMBER, ADDRESS ID). That identifier is attached to the data collected for each individual living there. It is, therefore, a simple matter to identify all the persons living at the same address and then aggregate or summarize the persons' data into a household record. Concepts like total household income or households which receive food stamps can then be studied.

Identifying families is a much more difficult operation. Before starting a determination must be made of exactly what is meant by the term "family." The data used to define families will be the responses to the survey questions and, like all survey data, will contain inconsistencies and omissions. This is why a persons/family edit is needed.

Primary Goals Of The Person/family Edit

1. To edit and impute the personal characteristics (often called the basic demographic characteristics) of all persons in each household for completeness and consistency. These characteristics include, among others, age, sex, race, marital status, and relationship to reference person.

2. To identify which persons belong to family groupings within the household and to create summary "family" records for each group identified.

Relationship To Reference Person

The single most important data field used in determining family composition is "relationship to reference person." The relationship of each person in the household is identified: the household reference person; some relative of the household reference person; or a nonrelative of the reference person, with or without relatives of his/her own. The specific categories of relationship identified on the control card or questionnaire have varied over the years and from survey to survey. For the 1984 SIPP Panel the following values are assigned:

01 Reference person WITH relatives in household
02 Reference person with NO relatives in household
03 Husband (of reference person)
04 Wife (of reference person)
05 Natural/adopted child (of reference person)
06 Parent (of reference person)
07 Brother/sister (of reference person)
08 Other relative (of reference person)
09 Nonrelative of reference person WITH OWN relatives in the household
10 Nonrelative of reference person with NO OWN relatives in the household

The reference person in a household usually is the person whose name appears on the deed or lease. By definition, the household reference person (and the spouse of the reference person) must be an adult (age = 15 or more). When more than one name appears on the deed or lease, such as is often the case with married couples, either of those persons may be designated the reference person. By definition, there can be only one household reference person in each household.

Family Definitions

Family. Any group of two or more persons who are related by blood, marriage or adoption. Note: If two persons are married, anyone related to one spouse is considered to be related to the other.

Examples:

1. A man and his wife
2. A woman and her natural child
3. A woman and her adopted child
4. A man, his wife and their six children
5. A man and his grandchild
6. Two sisters

Examples of living arerangements which are not families:

1. Two unrelated roommates
2. A woman and her foster child

Primary Family. A family which includes the household reference person among its members. The household reference person is also considered to be the family reference person for the primary family.

Related Subfamily. This is a family which is a subset of the primary family but which does not include the household reference person or the spouse of the reference person. A related subfamily must contain, at least, a husband-wife pair or a parent-child pair, where the child must be under 18 years of age and never married.

Examples:

The household contains the following:

1. Reference person
2. Spouse of reference person
3. Daughter of reference person
4. Son-in-law (daughter's spouse)
   Persons 1-4 are in the primary family.
   Persons 3-4 are also in a related subfamily.

The household contains the following:
1. Reference person
2. Daughter of reference person
3. Grandchild of reference person (5-year-old child of daughter)
   Persons 1-3 are in the primary family.
   Persons 2-3 are in a related subfamily.

The following is not a related subfamily:

1. Reference person
2. Daughter of reference person
3. Grandchild of reference person (17-year-old, separated child of daughter)

The grandchild must be under 18 *and never married* to be a child of a subfamily.

Unrelated Subfamily. (formerly called Secondary family) This is a family in which none of the members are related to the household reference person.

Example: The household contains the following:

1. Reference person
2. Nonrelative of reference person (live-in housekeeper)
3. Nonrelative of reference person (5-year-old child of housekeeper)

Persons 2-3 comprise an unrelated subfamily. The family membership rules are very similar to those of the related subfamily; that is, the family must contain, at least, a husband-wife pair or a parent-child pair where the child must be under 18 and never married. Membership is restricted to spouses and their children. Any other relative of the subfamily reference person, such as parent, brother, or cousin, is not considered to be a member of the subfamily.

Other Definitions

There are two other definitions which should be covered at this time. They are not families, but they are often tabulated and analyzed together with families and for that reason family records are created for them.

Primary Individual. A household reference person who lives alone or only with people not related to him/her.

Secondary Individual. A household member who is not the household reference person, is not related to the household reference person, and who does not qualify as a member of an unrelated subfamily. Households must contain either a primary family or a primary individual but not both since a household must have exactly one reference person. They may also contain one or more related subfamilies (assuming there is a primary family), one or more unrelated subfamilies, and/or one or more secondary individuals. There is one other type of living arrangement which has not yet been addressed.

Group Quarters. Group quarters is a special "nonhousehold" type of living arrangement. Typically it is a room or rooms in some structure established as temporary housing for groups of unrelated people. Examples are hotels, motels, or boarding houses. Any structure which contains a large number of people (nine or more) who are not related to the reference person is also considered to be group quarters. An arbitrary census definition says that group quarters contain only secondary individuals. There is no reference person in group quarters. Living arrangements which contain only children (age 15 or under) are also edited to be group quarters since households must have a reference person, and the reference person must be an adult.

Appendix C

CONTROL CARD

8 Mail-out phone [illegible]

8a What is your exact address?

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

Place | County | State | ZIP code

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

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

Place | County | State | ZIP code

8c Special place name | **8d** Type code | **9e** Sample number

AREA SEGMENTS ONLY

9 YEAR BUILT
☐ Ask item
☐ Do not ask

When was this structure originally built?
☐ Before 4-1-70 – Continue interview
☐ After 4-1-70 – Complete item [illegible]. Do not interview

10 COVERAGE QUESTIONS
☐ Ask items
☐ Do not ask

10a Are there any occupied or vacant living quarters besides your own in the building? ☐ Yes ☐ No

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

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

11 GEOGRAPHIC LOCATION

ASK IF NOT APPARENT – Is this address within the limits of a city, town, or village?

1 ☐ Yes – What is the name?
2 ☐ No – [illegible]

OFFICE USE ONLY

12 LAND USE

12a [illegible]
1 ☐ URBAN – SKIP to item 13
2 ☐ RURAL – [illegible]
3 ☐ [illegible]

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

INTRODUCTION

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

RETURN VISIT – Hello, I am (interviewer's name) from the United States Bureau of the Census. Here is my identification card. Several months ago this household was contacted concerning a survey on the economic situation of people who live in the United States. I have some further questions to ask on this subject. Did you receive our letter? GO TO ITEM 21 on page 2

13 CLASSIFICATION OF LIVING QUARTERS – Mark by observation

13a [illegible]
Unit is
1 ☐ In a Special Place [illegible]
2 ☐ NOT in a Special Place

13b Access
1 ☐ Direct – [illegible]
2 ☐ Through another unit

13c Complete kitchen facilities
1 ☐ For this unit only – Skip to item 13d
2 ☐ Also used by another household
3 ☐ None

13d HOUSING UNIT
1 ☐ House, apartment, flat
2 ☐ HU in nontransient hotel, motel, etc.
3 ☐ HU, permanent in transient hotel, motel, etc.
4 ☐ HU in rooming house
5 ☐ Mobile home or trailer with NO permanent room added
6 ☐ Mobile home or trailer with one or more permanent rooms added
7 ☐ HU not specified above – Describe in notes

13e OTHER unit
8 ☐ Quarters not HU in rooming or boarding house
9 ☐ Unit not permanent in transient hotel, motel, etc.
10 ☐ [illegible]
11 ☐ OTHER unit not specified above – Describe in notes

14 UNITS IN STRUCTURE

ASK IF NOT APPARENT

How many housing units, both occupied and vacant, are there in this structure?
1 ☐ [illegible]
2 ☐ Mobile home or trailer
3 ☐ One, detached
4 ☐ One, attached
5 ☐ Two
6 ☐ 3–4
7 ☐ 5–9
8 ☐ 10–19
9 ☐ 20–49
10 ☐ 50 or more

15 TENURE

Are your living quarters
1 ☐ Owned or being bought by you or someone in your household?
2 ☐ Rented for cash?
3 ☐ Occupied without payment of cash rent?

16 CHARACTERISTICS OF UNIT

ASK ONLY IF UNIT IS RENTED [illegible]

16a Is this residence in a public housing project, that is, is it owned by a local housing authority?
1 ☐ Yes – [illegible]
2 ☐ No
X1 ☐ DK

16b Are you paying lower rent because the Federal, State or local government is paying part of the cost?
1 ☐ Yes
2 ☐ No
X1 ☐ DK
Go to item [illegible]

NOTES

36 HOUSEHOLD FINAL INTERVIEW STATUS – Complete after interview

Wave (a)	Code (b)	[illegible]
1		
2		
3		
4		
5		
6		
7		
8		
9		

37 CHARACTERISTICS OF TYPE A HOUSEHOLD

37a Best of reference [illegible]. Enter code from [illegible]

37b Sex of reference person
1 ☐ Male
2 ☐ Female

37c [illegible]

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

Wave (a)	Month (b)	Personal visits Tally (c)	Personal visits Total (d)	Telephone calls Tally (e)	Telephone calls Total (f)	[illegible] person number (g)	O – Cleared R – Reinterview (h)	Appointment time and date / No appointment (i)	Interviewer name (j)
1									
2									
3									
4									
5									
6									
7									
8									
9									

39 FUTURE CONTACTS [illegible]

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

39b What is the best time to call to 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

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 – [illegible]
06 – Other – Specify

Type B – Noninterview
09 – Vacant
10 – Occupied by persons with URE
11 – Unfit or to be demolished
12 – Under construction, not ready
13 – Converted to temporary business or storage
14 – Unoccupied tent site or trailer site
15 – [illegible]
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 interview status

01 – Interviewed

Type A – Noninterview
02 – No one home
03 – Temporarily absent
04 – Refused
05 – [illegible]
06 – Other – Specify

Type C – Noninterview
23 – [illegible]

Type D – Noninterview
24 – Moved, address unknown
25 – Moved, [illegible]

Control Card items to be filled for noninterviews:
[illegible]

Form SIPP-[illegible]

Page 1

FORM SIPP-4001

CONTROL CARD

SURVEY OF INCOME AND PROGRAM PARTICIPATION

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

1 Sequential number

2 Geographic number

3 Address

4 Segment type

5a / 5b

6a Extra unit

6b

6c OFFICE USE ONLY

7

S | 8 | 4

HOUSEHOLD RECORD (Card ___ of ___)

17 ENTRY ADDRESS ID

18 PERSON NUMBER

19a HOUSEHOLD ROSTER – 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 or maintains this home. Please include middle and maiden names.

19b RELATIONSHIP TO REFERENCE PERSON

20 IS THIS HOUSEHOLD MEMBER – Does ... usually live here? 1 Yes 2 No

23 DATE ENTERED OR LEFT

24 BIRTHDATE/AGE – What is ...'s date of birth?

25 PERSON NUMBER OF PARENT

28a MARITAL STATUS – 1 Married, spouse present; 2 Married, spouse absent; 3 Widowed; 4 Divorced; 5 Separated; 6 Never married

28b PERSON NUMBER OF SPOUSE

27 DESIGNATED PARENT OR GUARDIAN

28 SEX

29 RACE – Show FLASHCARD – What is the race of each person in this household?

30 ORIGIN – Show FLASHCARD – What is the origin or descent of each person in this household?

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

31b Did ... complete that grade (year)? 1 Yes 2 No

32a ARMED FORCES – Has ... ever served on active duty in the U.S. Armed Forces? 1 Yes 2 No

32b When did ... serve? See codes below

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

21 HOUSEHOLD ROSTER COVERAGE

FIRST INTERVIEW

21a I have listed (Read names from item 19a). Have I missed – (Mark "Yes" for any of the following, ask name and complete items 17–33 above.)

Any babies or small children? ... 0010

Any lodgers, boarders, or persons you employ who live here? ... 0012

Anyone who usually lives here but is away now – traveling, at school, or in a hospital? ... 0014

Anyone else staying here? ... 0016

FIRST INTERVIEW AT ADDRESS ...

21b I have listed ... Is anyone else living at this address? Is this correct? ... 0018

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

21d Is there anyone else living or staying here now? ... 0020

21e Which of these persons (names) own(s) this home? ...

22 HOUSING UNIT COVERAGE

22a INTERVIEWER CHECK ITEM

22b Do all persons in this household live (eat) separately / together?

22c Does any other household on this property ...

SUBSEQUENT INTERVIEWS

21f I have listed ... Are all of these persons still living or staying here?

21g Is anyone else living or staying here including new born babies? ...

	W2	W3	W4	W5	W6	W7	W8	W9
21f	0022	0026	0030	0034	0038	0042	0046	0050
21g	0024	0028	0032	0036	0040	0044	0048	0052

CODES FOR 30

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

CODES FOR 31a

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

CODES FOR 29

1 – White; 2 – Black; 3 – American Indian, Eskimo, or Aleut; 4 – Asian or Pacific Islander; 5 – Other – Specify

CODES FOR 32b

1 – Vietnam Era; 2 – Korean Conflict; 3 – World War II; 4 – World War I; 5 – May 1975 or later; 6 – Other service (All other periods)

SOCIAL SECURITY

33a Person number

33b What is ...'s Social Security (or Railroad Retirement) number?

33c Nonresponse – 1 Don't know; 2 Refused; 3 None

Page 1

34a MOVERS

1	Person number(s)	Enter HH number; ☐ Still at address in item 34a	New telephone number
	Last address – Number and street		
	City	State	ZIP code
	Other identification		Wave move discovered
2	Person number(s)		New telephone number
	New address – Number and street		
	City	State	ZIP code
	Other identification		Wave move discovered
3	Person number(s)		New telephone number
	New address – Number and street		
	City	State	ZIP code
	Other identification		Wave move discovered
4	Person number(s)		New telephone number
	New address – Number and street		
	City	State	ZIP code
	Other identification		Wave move discovered

DATA Entry

OFFICE USE ONLY | 0054

34b If move discovered during this interview, try to determine:

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

1 ☐ Yes – What is the new city?

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

NOTES

35 MERGED HOUSEHOLD MATCH TABLE

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

CODES FOR 19b

1 – Reference Person WITH relatives in household
2 – Reference Person with NO relatives in household
3 – Husband
4 – Wife
5 – Own child (son or daughter)
6 – Parent
7 – Brother/Sister
8 – Other relative of Reference Person
9 – Non-relative of Reference Person WITH own relatives in household
0 – Non-relative of Reference Person with NO own relatives in household

TABLE X – LIVING QUARTERS DETERMINATION AT LISTED ADDRESS (WAVE 1 ONLY)

ADDRESS OF ADDITIONAL LIVING QUARTERS (1)	LOCATION OF UNIT (2)	SEPARATENESS AND FACILITIES (3)	(4)	(5)	CLASSIFICATION (6)	AREA SEGMENTS (7)	ADDRESS AND SPECIAL PLACE SEGMENTS (8)	PERMIT SEGMENTS (9)
If already listed, fill sheet and line number below and skip Table X. Otherwise, enter basic address and unit address, if any, OR description of location	Is this unit in a special place?	Do the occupants of the unit (Address in column 1) live and eat separately from all other persons on the property?	Does (Address in column 1) have direct access from the outside or through a common hall?	Does (Address in column 1) have complete kitchen facilities for this unit only?	N – Not a separate unit (Include with original unit); HU / OT – Separate unit (Do not include on the control card.) Complete the appropriate segment type column for interviewing instructions.	Is the unit within the segment boundaries?	Is the unit within the specific address (basic plus unit, if any) of the original sample unit?	Is the unit: • within the specific address (basic plus unit, if any) of the original sample unit AND • within the same structure as the original sample unit?
Sheet ___ Line ___	☐ Yes – SKIP to column 6 and mark according to Table D in Part B of manual; ☐ No	☐ Yes; ☐ No – SKIP to column 6 and mark "N" box	☐ Yes – SKIP to column 6 and mark "HU" box; ☐ No	☐ Yes – Mark "HU" box in column 6; ☐ No – Mark "N" box in column 6	☐ N – Stop Table X. Continue interview with original unit; ☐ HU ☐ OT – Fill column 7, 8 or 9 as appropriate	☐ Yes – Interview as an EXTRA unit; ☐ No – Do not interview	☐ Yes – Interview as an EXTRA unit; ☐ No – Do not interview	☐ Yes – Interview as an EXTRA unit; ☐ No – Do not interview
Sheet ___ Line ___	☐ Yes – SKIP to column 6 and mark according to Table D in Part B of manual; ☐ No	☐ Yes; ☐ No – SKIP to column 6 and mark "N" box	☐ Yes – SKIP to column 6 and mark "HU" box; ☐ No	☐ Yes – Mark "HU" box in column 6; ☐ No – Mark "N" box in column 6	☐ N – Stop Table X. Continue interview with original unit; ☐ HU ☐ OT – Fill column 7, 8 or 9 as appropriate	☐ Yes – Interview as an EXTRA unit; ☐ No – Do not interview	☐ Yes – Interview as an EXTRA unit; ☐ No – Do not interview	☐ Yes – Interview as an EXTRA unit; ☐ No – Do not interview

[illegible]

TRANSCRIPTION ITEMS (Card ___ of ___)

INTERVIEWER 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.

FORM 6

COL 1

40 Person number	41 Name	Respondent indicator boxes				
		W1	W2	W3	W4	W5
		W6	W7	W8	W9	

EMPLOYMENT

Job I.D.	42 NAME OF EMPLOYER
1	
2	
3	
4	
5	
6	

Bus. I.D.	43 NAME OF BUSINESS/FARM
1	
2	
3	
4	

INTERVIEW STATUS

Line No.	Code	44 PERSON INTERVIEW STATUS	W1	W2	W3	W4	W5	W6	W7	W8	W9
1		Noninterview — No interview obtained (code 591)	1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐	9☐
2		Interview — No SS codes marked (code 592)	1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐	9☐

INCOME

Line No.	Code	45 INCOME SOURCES (1–56)	W1	W2	W3	W4	W5	W6	W7	W8	W9
			Mark box only if indicated on ISS								
3			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐	9☐
4			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐	9☐
5			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐	9☐
6			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐	9☐
7			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐	9☐
8			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐	9☐
9			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐	9☐
		46 ASSETS (100–180)									
10			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐	9☐
11			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐	9☐
12			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐	9☐
13			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐	9☐
14			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐	9☐
15			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐	9☐
16			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐	9☐
		47 SPECIAL INDICATORS									
17		Disabled (code 171)	1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐	9☐
18		Medicare (code 172)	1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐	9☐
19		Medicaid (code 173)	1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐	9☐
20		U.S. Savings Bonds (code 174)	1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐	9☐
21		Other Educational Assistance (code 175)	1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐	9☐

COL 2

40 Person number	41 Name	Respondent indicator boxes				
		W1	W2	W3	W4	W5
		W6	W7	W8	W9	

EMPLOYMENT

Job I.D.	42 NAME OF EMPLOYER
1	
2	
3	
4	
5	
6	

Bus. I.D.	43 NAME OF BUSINESS/FARM
1	
2	
3	
4	

INTERVIEW STATUS

Line No.	Code	44 PERSON INTERVIEW STATUS	W1	W2	W3	W4	W5	W6	W7	W8	W9
1		Noninterview — No interview obtained (code 591)	1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐	9☐
2		Interview — No SS codes marked (code 592)	1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐	9☐

INCOME

Line No.	Code	45 INCOME SOURCES (1–56)	W1	W2	W3	W4	W5	W6	W7	W8	W9
			Mark box only if indicated on ISS								
3			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐	9☐
4			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐	9☐
5			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐	9☐
6			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐	9☐
7			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐	9☐
8			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐	9☐
9			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐	9☐
		46 ASSETS (100–165)									
10			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐	9☐
11			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐	9☐
12			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐	9☐
13			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐	9☐
14			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐	9☐
15			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐	9☐
16			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐	9☐
		47 SPECIAL INDICATORS									
17		Disabled (code 171)	1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐	9☐
18		Medicare (code 172)	1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐	9☐
19		Medicaid (code 173)	1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐	9☐
20		U.S. Savings Bonds (code 174)	1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐	9☐
21		Other Educational Assistance (code 175)	1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐	9☐

COL 3

40 Person number	41 Name	Respondent indicator boxes				
		W1	W2	W3	W4	W5
		W6	W7	W8	W9	

EMPLOYMENT

Job I.D.	42 NAME OF EMPLOYER
1	
2	
3	
4	
5	
6	

Bus. I.D.	43 NAME OF BUSINESS/FARM
1	
2	
3	
4	

INTERVIEW STATUS

Line No.	Code	44 PERSON INTERVIEW STATUS	W1	W2	W3	W4	W5	W6	W7	W8	W9
1		Noninterview — No interview obtained (code 591)	1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐	9☐
2		Interview — No SS codes marked (code 592)	1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐	9☐

INCOME

Line No.	Code	45 INCOME SOURCES (1–56)	W1	W2	W3	W4	W5	W6	W7	W8	W9
			Mark box only if indicated on ISS								
3			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐	9☐
4			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐	9☐
5			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐	9☐
6			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐	9☐
7			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐	9☐
8			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐	9☐
9			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐	9☐
		46 ASSETS (100–180)									
10			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐	9☐
11			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐	9☐
12			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐	9☐
13			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐	9☐
14			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐	9☐
15			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐	9☐
16			1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐	9☐
		47 SPECIAL INDICATORS									
17		Disabled (code 171)	1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐	9☐
18		Medicare (code 172)	1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐	9☐
19		Medicaid (code 173)	1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐	9☐
20		U.S. Savings Bonds (code 174)	1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐	9☐
21		Other Educational Assistance (code 175)	1☐	2☐	3☐	4☐	5☐	6☐	7☐	8☐	9☐

CORE QUESTIONNAIRE

FORM SIPP-4500
(7-18-85)

U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

SURVEY OF INCOME AND PROGRAM PARTICIPATION

1984 PANEL

WAVE 5 QUESTIONNAIRE

1. Book ____ of ____

2. (cc 1) R.O. code

3a. (cc 2) PSU Segment Serial

b. (cc 3) Add. ID

4. (cc 17)
a. Entry Add. ID
b. PERSON Number (cc 18)
c. Name (cc 19a) Last / First, middle / Maiden

5. PERSON CHARACTERISTICS — *Fill a, b, c, and d using the control card*
a. Relationship code (cc 19b)
b. Date of birth (cc 24) Month Day Year
c. Sex code (cc 25)
d. Marital status code (cc 26a)

6. Interviewer identification
Code Name

7. PERSON INTERVIEW STATUS
a. Interview
1 ☐ Self — *SKIP to 8*
2 ☐ Proxy — *Fill 7b*

b. Person number of proxy
☐ — *SKIP to 8*

c. Noninterview
1 ☐ Type Z refusal
2 ☐ Type Z other

8. Date of interview for this person
☐ Month ☐ Day } *Fill start time in 9a, then go to Introduction*

9a. Interview time for this person

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

b. Total interview time for this person
☐ Minutes

10a. Interviewer time for clerical review
Start time → a.m. / p.m.
Finish time → a.m. / p.m.

b. Total interviewer time for clerical review
☐ Minutes

11a. Pre-interview transcription time
Start time → a.m. / p.m.
Finish time → a.m. / p.m.

b. Total pre-interview time for transcription
☐ Minutes

12. 1 ☐ Phone interview — *Specify reason*

CHECK ITEM N1 Does ...'s person number begin with "5"?
0900 1 ☐ Yes
2 ☐ No — *SKIP to section 1, item 1*

CHECK ITEM N2 Was ... missed when household members were listed for wave 1?
0901 1 ☐ Yes — *SKIP to section 1, item 1*
2 ☐ No

MONTH OF INTERVIEW	REFERENCE DATE
January 1985	January 1, 1984
February 1985	October 1, 1983
March 1985	November 1, 1983
April 1985	December 1, 1983

13a. **We need to know where ... was living on** *(Read appropriate reference date)*. **Was ... living in any of the kinds of places listed on this card** *(Show Flashcard U)*?
0902 1 ☐ Yes X1 ☐ DK } *SKIP to 14*
2 ☐ No — *SKIP to 14* X2 ☐ Ref.

ASK OR VERIFY —

b. **Which code on this card represents the kind of place ... was living in on** *(Read appropriate reference date)*?
0904 1 ☐ Armed Forces barracks
2 ☐ Outside the United States } *SKIP to section 1, item 1*
3 ☐ Nonhousehold setting

14. **Was ... living alone on** *(Read appropriate reference date)*?
0906 1 ☐ Yes — *SKIP to section 1, item 1* 2 ☐ No

15. **How many people was ... living with on** *(Read appropriate reference date)*?
0908 ☐ *Enter number of persons*

16. **Was ... the owner or renter of the residence where ... was living on** *(Read appropriate reference date)*?
0910 1 ☐ Yes — *SKIP to section 1, item 1* 2 ☐ No

17. **How is ... related to the person who owned or rented the residence where ... was living on** *(Read appropriate reference date)*?
0912
1 ☐ Husband
2 ☐ Wife
3 ☐ Own child (son or daughter)
4 ☐ Parent
5 ☐ Brother/Sister
6 ☐ Other relative
7 ☐ Non-relative

▶ INTRODUCTION

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

(As I described during my last visit) This survey is about the economic situation of people living in the United States. Most of the questions will be about ...'s activities during ________ ________ ________ and ________. Here is a calendar that shows the 4 months we will be talking about. (Hand respondent Flashcard J.) This time period is very important, so if you have any questions about what period is being referred to during the interview, please ask me.

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

Section 1 — LABOR FORCE AND RECIPIENCY

(SHOW FLASHCARD J)

1. **During the 4-month period outlined on this calendar, that is, from** *(4 months ago)* **thru** *(Last month)*, **did . . . have a job or business, either full time or part time, even for only a few days?**
Mark "Yes" for active duty in the Armed Forces, any temporary or part-time work, and work without pay in a family business or farm.

PGM 7

1000 — 1 ☐ Yes — *Mark "Worked" (code 170) on ISS and SKIP to 4*
2 ☐ No

2a. **Even though . . . did not have a job during this period, did . . . spend any time looking for work or on layoff from a job?**

1002 — 1 ☐ Yes
2 ☐ No — *SKIP to 3a*

b. **Please look at the calendar. In which weeks was . . . looking for work or on layoff from a job?**
Mark (X) all that apply.

1004 — xb ☐ ALL

1006	☐ 1	1018	☐ 7	1030	☐ 13
1008	☐ 2	1020	☐ 8	1032	☐ 14
1010	☐ 3	1022	☐ 9	1034	☐ 15
1012	☐ 4	1024	☐ 10	1036	☐ 16
1014	☐ 5	1026	☐ 11	1038	☐ 17
1016	☐ 6	1028	☐ 12	1040	☐ 18

c. **Could . . . have taken a job during any of those weeks if one had been offered?**

1042 — 1 ☐ Yes — *SKIP to Check Item R1*
2 ☐ No

d. **What was the main reason . . . could not take a job during those weeks?**
Mark (X) only one.

1044 — 1 ☐ Already had a job
2 ☐ Temporary illness
3 ☐ School
4 ☐ Other — *Specify* ____________

CHECK ITEM R1 — *Refer to item 2b.* Is the "ALL" box marked in 2b?

1046 — 1 ☐ Yes — *SKIP to 9a, page 4*
2 ☐ No — *SKIP to 3b*

3a. **Were there any weeks in the 4-month period when . . . wanted a job?**

1048 — 1 ☐ Yes — *SKIP to 3c*
2 ☐ No — *SKIP to Check Item R6, page 4*

b. **I have recorded that there were weeks that . . . did not work or look for work. Did . . . want a job in those weeks?**

1050 — 1 ☐ Yes
2 ☐ No — *SKIP to 9a, page 4*

c. **Could . . . have taken a job in those weeks if one had been offered?**

1052 — 1 ☐ Yes
2 ☐ No — *SKIP to 9a, page 4*

d. **During the weeks that . . . wanted a job but was not looking for one, what was the main reason . . . was not looking?**
Mark (X) only one.

1054 — 1 ☐ Believes no work available in line of work or area
2 ☐ Couldn't find any work
3 ☐ Lacks necessary schooling, training, skills, or experience
4 ☐ Employers think too young or too old
5 ☐ Other personal handicap in finding job
6 ☐ Can't arrange child care
7 ☐ Family responsibilities
8 ☐ In school or other training
9 ☐ Ill health, physical disability
10 ☐ Other — *Specify* ____________
x1 ☐ DK

SKIP to 9a, page 4

4. **Did . . . have a job or business, either full or part time, during EACH of the weeks in this period?**
Note *that the person did not have to* ***work*** *each week.*

1056 — 1 ☐ Yes
2 ☐ No — *SKIP to 5a*

5a. **Was . . . absent without pay from . . .'s job or business for any FULL weeks during the 4-month period?**

1058 — 1 ☐ Yes
2 ☐ No — *SKIP to 6a, page 4*

b. **Please look at the calendar. In which weeks was . . . absent without pay?**
Mark (X) all that apply.

1060 — xa ☐ ALL

1062	☐ 1	1074	☐ 7	1086	☐ 13
1064	☐ 2	1076	☐ 8	1088	☐ 14
1066	☐ 3	1078	☐ 9	1090	☐ 15
1068	☐ 4	1080	☐ 10	1092	☐ 16
1070	☐ 5	1082	☐ 11	1094	☐ 17
1072	☐ 6	1084	☐ 12	1096	☐ 18

c. **What was the main reason . . . was absent from . . .'s job or business during those weeks?**
Mark (X) only one.

1098 — 1 ☐ On layoff
2 ☐ Own illness
3 ☐ On vacation
4 ☐ Bad weather
5 ☐ Labor dispute
6 ☐ New job to begin within 30 days
7 ☐ Other — *Specify* ____________

SKIP to 6a, page 4

Section 1 — LABOR FORCE AND RECIPIENCY (Continued)

(SHOW FLASHCARD 3)

6a. Please look at the calendar. In which weeks did . . . have a job or business?

Mark (X) calendar below, "With a job or business," AND then mark appropriate box(es). ⟶

1100	☐ 1	1112	☐ 7	1124	☐ 13
1102	☐ 2	1114	☐ 8	1126	☐ 14
1104	☐ 3	1116	☐ 9	1128	☐ 15
1106	☐ 4	1118	☐ 10	1130	☐ 16
1108	☐ 5	1120	☐ 11	1132	☐ 17
1110	☐ 6	1122	☐ 12	1134	☐ 18

b. Of those weeks that . . . had a job or business, was . . . absent from work for any full weeks without pay?

1136
1 ☐ Yes
2 ☐ No — *SKIP to 7a*

c. In which weeks was . . . absent without pay?

1138	☐ 1	1150	☐ 7	1162	☐ 13
1140	☐ 2	1152	☐ 8	1164	☐ 14
1142	☐ 3	1154	☐ 9	1166	☐ 15
1144	☐ 4	1156	☐ 10	1168	☐ 16
1146	☐ 5	1158	☐ 11	1170	☐ 17
1148	☐ 6	1160	☐ 12	1172	☐ 18

d. What was the main reason . . . was absent from . . .'s job or business during those weeks?

Mark (X) only one.

1174
1 ☐ On layoff
2 ☐ Own illness
3 ☐ On vacation
4 ☐ Bad weather
5 ☐ Labor dispute
6 ☐ New job to begin within 30 days
7 ☐ Other — *Specify*

7a. I have marked that there were some weeks in this period in which . . . did NOT have a job or business. During that week or weeks did . . . spend any time looking for work or on layoff?

1176
1 ☐ Yes
2 ☐ No — *SKIP to 7e*

b. In which of these weeks was . . . looking for work or on layoff from a job?

Mark (X) calendar below, "Looking for work or on layoff" AND then mark appropriate box(es). ⟶

1178 x5 ☐ All weeks without a job

1180	☐ 1	1192	☐ 7	1204	☐ 13
1182	☐ 2	1194	☐ 8	1206	☐ 14
1184	☐ 3	1196	☐ 9	1208	☐ 15
1186	☐ 4	1198	☐ 10	1210	☐ 16
1188	☐ 5	1200	☐ 11	1212	☐ 17
1190	☐ 6	1202	☐ 12	1214	☐ 18

c. Could . . . have taken a job during those weeks if one had been offered?

1216
1 ☐ Yes — *SKIP to Check Item R2*
2 ☐ No

d. What was the main reason . . . could not take a job during those weeks?

1218
1 ☐ Already had a job
2 ☐ Temporary illness
3 ☐ School
4 ☐ Other — *Specify*

CHECK ITEM R2

Refer to the Labor Force Calendar, below.
Is each week of the 4-month period marked as "With a job or business" or "Looking for work or on layoff"?

1220
1 ☐ Yes — *SKIP to 8a*
2 ☐ No — *SKIP to 7f*

7e. Did . . . want a job in those weeks when . . . did not have one?

1222
1 ☐ Yes — *SKIP to 7g*
2 ☐ No — *SKIP to 8a*

f. I have marked that there were weeks in this period when . . . did not have a job and was not looking for a job. Did . . . want a job in those weeks?
If necessary, refer to Labor Force calendar.

1224
1 ☐ Yes
2 ☐ No — *SKIP to 8a*

g. Could . . . have taken a job during those weeks if one had been offered?

1226
1 ☐ Yes
2 ☐ No — *SKIP to 8a*

LABOR FORCE CALENDAR — *Use when item 4 is marked "No"*

WEEK ⟶	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
With a job or business. *Mark for item 6a.*																		
Looking for work or on layoff (and without a job or business.) *Mark for item 7b.*																		

Section 1 — LABOR FORCE AND RECIPIENCY (Continued)

7h. During the weeks that . . . wanted a job but was not looking for one, what was the main reason . . . was not looking?

Mark (X) only one.

1229
1☐ Believes no work available in line of work or area
2☐ Couldn't find any work
3☐ Lacks necessary schooling, training, skills, or experience
4☐ Employers think too young or too old
5☐ Other personal handicap in finding job
6☐ Can't arrange child care
7☐ Family responsibilities
8☐ In school or other training
9☐ Ill health, physical disability
10☐ Other *Specify* ______
X1☐ DK

8a. In the weeks that . . . worked during the 4-month period, how many hours did . . . usually work per week?

1230 ☐☐ Hours per week
X3☐ None
X1☐ DK } *SKIP to Check Item R4*

CHECK ITEM R3 *Refer to item 8a.* Did . . . usually work 35 or more hours per week?

1232 1☐ Yes
2☐ No — *SKIP to 8c*

8b. Did . . . work fewer than 35 hours in any of the weeks that . . . worked during this period? Exclude time off WITH PAY because of holidays, vacation, days off or sickness.

1234 1☐ Yes
2☐ No — *SKIP to Check Item R4*

c. In how many weeks did . . . work fewer than 35 hours during this 4-month period?

1236 X5☐ All
☐ Weeks

d. What was the main reason . . . worked fewer than 35 hours in those weeks?

Mark (X) only one.

1238 1☐ Could not find a full-time job
2☐ Wanted to work part time
3☐ Health condition or disability
4☐ Normal working hours are fewer than 35 hours
5☐ Slack work or material shortage
6☐ Other — *Specify* ______

CHECK ITEM R4 *Refer to item 5a, page 2.* The response to item 5a is:

1239 1☐ Yes (or blank)
2☐ No *SKIP to Check Item R5*

9a. During this 4-month period, did . . . receive any State unemployment compensation payments?

1240 1☐ Yes — *Mark "5" on ISS*
2☐ No *SKIP to Check Item R5*

b. During this period, did . . . also receive any Supplemental Unemployment Benefits (SUB)?

1242 1☐ Yes — *Mark "6" on ISS*
2☐ No

CHECK ITEM R5 Is "Worked" marked on the ISS?

1244 1☐ Yes
2☐ No — *SKIP to Check Item R6*

10. During this 4-month period did . . . receive any money from worker's compensation for any kind of job-related illness or injury?

1246 1☐ Yes — *Mark "10" on ISS*
2☐ No

CHECK ITEM R6 Was an interview obtained for . . . last reference period?

1248 1☐ Yes
2☐ No — *SKIP to Check Item R11, page 6*

CHECK ITEM R7 Are any income types listed in the Income Roster?

1250 1☐ Yes
2☐ No — *SKIP to 12a*

NOTES

Section 1 — LABOR FORCE AND RECIPIENCY (Continued)

11a. According to the information we obtained last time, . . . had received *(Read income types in 11b, column (2))* **during** *(8 months ago)* **through** *(5 months ago)*. **Was this information recorded correctly?**

1251 1 ☐ Yes
2 ☐ No — *Resolve problems and make appropriate entries in 11b, column (5)* } *Ask 11c*

b. INCOME ROSTER

Line No. (1)	Income type (2)	Income code (3)	This reference period (4)	Previous reference period (5): Should not have been listed	Previous reference period (5): Was not listed; should have been
1		1252	1254 1 ☐ Yes — *Mark ISS* 2 ☐ No	1255 1 ☐	2 ☐
2		1256	1258 1 ☐ Yes — *Mark ISS* 2 ☐ No	1259 1 ☐	2 ☐
3		1260	1262 1 ☐ Yes — *Mark ISS* 2 ☐ No	1263 1 ☐	2 ☐
4		1264	1266 1 ☐ Yes — *Mark ISS* 2 ☐ No	1267 1 ☐	2 ☐
5		1268	1270 1 ☐ Yes — *Mark ISS* 2 ☐ No	1271 1 ☐	2 ☐
6		1272	1274 1 ☐ Yes — *Mark ISS* 2 ☐ No	1275 1 ☐	2 ☐
7		1276	1278 1 ☐ Yes — *Mark ISS* 2 ☐ No	1279 1 ☐	2 ☐
8		1280	1282 1 ☐ Yes — *Mark ISS* 2 ☐ No	1283 1 ☐	2 ☐

c. During the past 4 months, that is ________, ________, ________, and ________, did . . . get income from *(Read income types in 11b, column (2))*?

MARK (X) APPROPRIATE BOX IN ITEM 11b, COLUMN (4) FOR EACH INCOME TYPE LISTED.

12a. During this 4-month period, did . . . get any income from the Federal Government (that we haven't talked about)?

1284 1 ☐ Yes
2 ☐ No — *SKIP to 13a*

b. What was it called?

Anything else?

Mark (X) all that apply.

1286 1 ☐ Social Security — *Mark "1" on ISS*
1288 2 ☐ Federal Supplemental Security Income (Federal SSI) — *Mark "3" on ISS*
1290 3 ☐ A serviceman's or widow's pension from the Veterans Administration (VA) — *Mark "8" on ISS*
1292 4 ☐ Anything else — *Mark appropriate code on ISS and specify*

1294 ☐☐

13a. During this 4-month period, did . . . receive any (other) pension, disability, retirement, or survivor income (that we haven't talked about)?

1296 1 ☐ Yes
2 ☐ No — *SKIP to Check Item R8*

b. What was the source of this income?

Anything else?

Mark (X) all that apply.

1298 1 ☐ U.S. Government Railroad Retirement — *Mark "2" on ISS*
1300 2 ☐ Black Lung payments — *Mark "9" on ISS*
1302 3 ☐ Worker's Compensation — *Mark "10" on ISS*
1304 4 ☐ Payments from a sickness, accident or disability insurance policy purchased on your own — *Mark "13" on ISS*
1306 5 ☐ Pension from company or union — *Mark "30" on ISS*
1308 6 ☐ Federal Civil Service or other Federal civilian employee pension — *Mark "31" on ISS*
1310 7 ☐ U.S. Military retirement pay (exclude payments from the Veterans Administration) — *Mark "32" on ISS*
1312 8 ☐ National Guard or Reserve Forces retirement — *Mark "33" on ISS*
1314 9 ☐ State government pension — *Mark "34" on ISS*
1316 10 ☐ Local government pension — *Mark "35" on ISS*
1318 11 ☐ Income from paid-up life insurance policies or annuities — *Mark "36" on ISS*
1320 12 ☐ Other or DK — *Specify and enter code from income source list. If income type is not listed or DK, enter code "38" — Mark ISS.*

1322 ☐☐

CHECK ITEM R8 Is "Medicare" marked for . . . on cc item 47?

1324 1 ☐ Yes — *Mark "172" on ISS and SKIP to Check Item R23, page 8*
2 ☐ No

Section 1 — LABOR FORCE AND RECIPIENCY (Continued)

CHECK ITEM R9 Is "Disabled" marked for . . . on cc item 47?	1326 1 ☐ Yes — *Mark "171" on ISS and SKIP to 23a, page 8* 2 ☐ No
CHECK ITEM R10 Is . . . 65 years of age or over?	1328 1 ☐ Yes — *SKIP to 23a, page 8* 2 ☐ No — *SKIP to Check Item R23, page 8*
CHECK ITEM R11 *Refer to cc item 32a.* Is . . . a veteran of the U.S. Armed Forces? *Mark "No" if currently in Armed Forces ("Yes" marked in cc item 32c)*	1330 1 ☐ Yes 2 ☐ No — *SKIP to Check Item R12*
14a. How long did . . . serve on active duty in the Armed Forces?	1332 1 ☐ Less than 6 months 2 ☐ 6 to 23 months 3 ☐ 2 to 19 years 4 ☐ 20 or more years X1 ☐ DK
b. Does . . . have a service connected disability; that is, a health condition or impairment caused or made worse by military service?	1334 1 ☐ Yes 2 ☐ No } *SKIP to 14d* X1 ☐ DK
c. What is . . .'s VA percent disability rating? *Use the following probe if needed:* **(Such as 0, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100%)**	1336 ☐☐☐ X3 ☐ 0% X1 ☐ DK X2 ☐ Ref. (C1) ☐ No rating
d. During this 4-month period did . . . receive pension or compensation payments from the Veterans Administration? (Exclude regular military retirement pay, insurance proceeds, and GI Bill benefits.)	1338 1 ☐ Yes — *Mark "8" on ISS* 2 ☐ No
CHECK ITEM R12 Is . . . 18 years of age or over?	1340 1 ☐ Yes 2 ☐ No — *SKIP to 18a*
15a. During this 4-month period, did . . . receive any Social Security payments?	1342 1 ☐ Yes — *Mark "1" on ISS* 2 ☐ No — *SKIP to Check Item R14*
CHECK ITEM R13 Is . . . 65 years of age or over?	1344 1 ☐ Yes — *SKIP to 16a* 2 ☐ No
15b. What is the reason . . . is getting Social Security, is it because . . . is *(Read categories)* — *Mark (X) only one.*	1346 1 ☐ **Retired?** 2 ☐ **Disabled?** 3 ☐ **Widow(ed) or surviving child?** 4 ☐ **Spouse or dependent child?** 5 ☐ Some other reason } *SKIP to 16a* X1 ☐ DK
c. Sometimes people get Social Security for more than one reason. Is there another reason . . . receives Social Security?	1348 1 ☐ Retired 2 ☐ Disabled 3 ☐ Widow(ed) or surviving child 4 ☐ Spouse or dependent child 5 ☐ No other reason X1 ☐ DK } *SKIP to 16a*
CHECK ITEM R14 *Refer to cc item 27.* Is . . . the designated parent or guardian of children under 18 who live in this household?	1350 1 ☐ Yes 2 ☐ No — *SKIP to 16a*
15d. During the 4-month period did . . . receive any Social Security payments especially for . . .'s children (under 18)?	1352 1 ☐ Yes — *Mark "1" on ISS* 2 ☐ No
16a. During this 4-month period did . . . receive any SSI (Supplemental Security Income) payments from the U.S. Government?	1354 1 ☐ Yes — *Mark "3" on ISS* 2 ☐ No — *SKIP to Check Item R15*
b. Did . . . also receive a SEPARATE SSI payment from the State or local welfare office during these months?	1356 1 ☐ Yes — *Mark "4" on ISS* 2 ☐ No
CHECK ITEM R15 Is . . . 40 years of age or over?	1358 1 ☐ Yes 2 ☐ No — *SKIP to 18a*
17a. Has . . . ever retired from a job or business? (Include retirement from the military.)	1360 1 ☐ Yes 2 ☐ No — *SKIP to Check Item R16*
b. During the 4-month period did . . . receive any retirement income other than Social Security?	1362 1 ☐ Yes 2 ☐ No — *SKIP to 17d*

NOTES

Section 1 – LABOR FORCE AND RECIPIENCY (Continued)

Question	Answer
17c. What kind of retirement income? **Anything else?** *Mark (X) all that apply.*	1364 1 ☐ U.S. Government Railroad Retirement – *Mark "2" on ISS* 1366 2 ☐ Pension from company or union – *Mark "30" on ISS* 1368 3 ☐ Federal Civil Service or other Federal civilian employee pension – *Mark "31" on ISS* 1370 4 ☐ U.S. Military retirement pay (exclude payments from the Veterans Administration) – *Mark "32" on ISS* 1372 5 ☐ National Guard or Reserve Forces retirement – *Mark "33" on ISS* 1374 6 ☐ State government pension – *Mark "34" on ISS* 1376 7 ☐ Local government pension – *Mark "35" on ISS* 1378 8 ☐ Other or DK – *Specify and enter code from income source list. If income type not listed or "DK," enter code "38"* – *Mark ISS.* 1380 ☐☐
d. During this 4-month period, did . . . receive any regular income from a paid-up life insurance policy or any other annuities?	1382 1 ☐ Yes – *Mark "36" on ISS* 2 ☐ No
CHECK ITEM R16 Is . . . 70 years of age or over?	1384 1 ☐ Yes – *SKIP to Check Item R17* 2 ☐ No
18a. Does . . . have a physical, mental, or other health condition which limits the kind or amount of work . . . can do?	1386 1 ☐ Yes – *Mark "171" on ISS* 2 ☐ No – *SKIP to Check Item R17*
b. During this 4-month period, did . . . receive any income because of . . .'s health condition or disability? (Other than Social Security, SSI, or VA?)	1388 1 ☐ Yes 2 ☐ No } *SKIP to Check Item R17* X1 ☐ DK }
c. What kind of income? **Anything else?** *Mark (X) all that apply.*	1390 1 ☐ U.S. Government Railroad Retirement – *Mark "2" on ISS* 1392 2 ☐ Black Lung payments – *Mark "9" on ISS* 1394 3 ☐ Worker's Compensation – *Mark "10" on ISS* 1396 4 ☐ Payments from a sickness, accident or disability insurance policy purchased on your own – *Mark "13" on ISS* 1398 5 ☐ Pension from company or union – *Mark "30" on ISS* 1400 6 ☐ Federal Civil Service or other Federal civilian employee pension – *Mark "31" on ISS* 1402 7 ☐ U.S. Military retirement pay (exclude payments from the Veterans Administration) – *Mark "32" on ISS* 1406 8 ☐ State government pension – *Mark "34" on ISS* 1408 9 ☐ Local government pension – *Mark "35" on ISS* 1410 10 ☐ Other or DK – *Specify and enter code from income source list. If income type not listed or "DK," enter code "38"* – *Mark ISS* 1412 ☐☐
CHECK ITEM R17 *Refer to cc item 26a.* What is . . .'s marital status?	1414 1 ☐ Married – *SKIP to 20* 2 ☐ Widowed – *SKIP to 22a* 3 ☐ Divorced 4 ☐ Separated 5 ☐ Never married – *SKIP to Check Item R18*
19. Did . . . receive any alimony (or support payments other than child support) during the 4-month period?	1416 1 ☐ Yes – *Mark "29" on ISS and SKIP to Check Item R18* 2 ☐ No } X1 ☐ DK } *SKIP to Check Item R18* X2 ☐ Ref. }
20. (People who have been widowed or divorced sometimes receive income because of their former marriage.) Has . . . ever been widowed or divorced?	1418 1 ☐ Widowed – *SKIP to 22a* 2 ☐ Divorced 3 ☐ Both widowed and divorced 4 ☐ No – *SKIP to Check Item R21*
CHECK ITEM R18 *Refer to cc item 27.* Is . . . the designated parent or guardian of children under 18 who live in this household?	1420 1 ☐ Yes 2 ☐ No – *SKIP to Check Item R19*
21. Did . . . receive any child support payments during this 4-month period? (Include "pass through" child support payments paid through the welfare office. Exclude all other child support payments from the welfare office.)	1422 1 ☐ Yes – *Mark "28" on ISS* 2 ☐ No X1 ☐ DK X2 ☐ Ref.

Section 1 — LABOR FORCE AND RECIPIENCY (Continued)

CHECK ITEM R19 — Is "Both widowed and divorced" box marked in item 20, page 7?
1424 — 1 ☐ Yes
2 ☐ No — *SKIP to Check Item R21*

22a. During this 4-month period, did . . . receive any pensions or annuities as a widow(er) (other than Social Security)?
1426 — 1 ☐ Yes
2 ☐ No } *SKIP to Check Item R21*
x1 ☐ DK }

b. What kind of income was this?
Was there anything else?
(SHOW FLASHCARD K)
Mark (X) all that apply.

1428 — 1 ☐ U.S. Government Railroad Retirement — *Mark "2" on ISS*
1430 — 2 ☐ Veterans Compensation or pension — *Mark "8" on ISS*
1432 — 3 ☐ Black Lung payments — *Mark "9" on ISS*
1434 — 4 ☐ Pension from company or union — *Mark "30" on ISS*
1436 — 5 ☐ Federal Civil Service or other Federal civilian employee pension — *Mark "31" on ISS*
1438 — 6 ☐ U.S. Military retirement pay (exclude payments from the Veterans Administration) — *Mark "32" on ISS*
1440 — 7 ☐ National Guard or Reserve Forces retirement — *Mark "33" on ISS*
1442 — 8 ☐ State government pension — *Mark "34" on ISS*
1444 — 9 ☐ Local government pension — *Mark "35" on ISS*
1446 — 10 ☐ Income from paid-up life insurance policies or annuities — *Mark "36" on ISS*
1448 — 11 ☐ Payments from estate or trust — *Mark "37" on ISS*
1450 — 12 ☐ Other or DK — *Specify and enter code from income source list. If income type not listed or "DK," enter code "38"* — *Mark ISS*
1452 ☐☐ ______

CHECK ITEM R20 — Is "Veterans Compensation or pension" marked in item 22b?
1454 — 1 ☐ Yes
2 ☐ No — *SKIP to Check Item R21*

22c. Did . . .'s late spouse die while in the service or from a service-related injury?
1456 — 1 ☐ Yes, in the service
2 ☐ Yes, from service-related injury
3 ☐ No

CHECK ITEM R21 — Is . . . 65 years of age or over?
1458 — 1 ☐ Yes — *SKIP to 23a*
2 ☐ No

CHECK ITEM R22 — *Refer to item 18a, page 7.* Does . . . have a work disability?
1460 — 1 ☐ Yes
2 ☐ No — *SKIP to Check Item R23*

23a. Medicare is a health insurance program for disabled persons and persons 65 or over. People covered by Medicare have a card that looks like this *(SHOW FLASHCARD L).*
Was . . . covered by Medicare?
1462 — 1 ☐ Yes — *Mark "172" on ISS*
2 ☐ No } *SKIP to Check Item R23*
x1 ☐ DK }

b. May I see . . .'s Medicare card to record the claim number and type of coverage?
1464 ☐☐☐-☐☐-☐☐☐☐ 1466 ☐☐☐☐-☐☐

★

TYPE OF COVERAGE
1468 — 1 ☐ Hospital only (Type A) } *SKIP to Check Item R23*
2 ☐ Medical only (Type B) }
3 ☐ Both hospital and medical (Types A and B) }
4 ☐ Card not available — *ASK 23c*

c. If I were to call later would you be able to provide me with . . .'s Medicare number? (This information is especially important for the purposes of this survey.)
1470 — 1 ☐ Yes — *Mark Reminder Card, Item 2*
2 ☐ No

d. Medicare has an optional feature which costs extra and helps pay for doctor bills. Does . . .'s Medicare help pay for doctor bills?
1472 — 1 ☐ Yes
2 ☐ No
x1 ☐ DK

CHECK ITEM R23 — *Refer to cc item 27.* Is . . . the designated parent or guardian of children under 18 who live in this household?
1474 — 1 ☐ Yes — *SKIP to Check Item R25*
2 ☐ No

CHECK ITEM R24 — Is . . . 16 years of age or over?
1476 — 1 ☐ Yes
2 ☐ No — *SKIP to 27a*

CHECK ITEM R25 — Is ISS code "27" (Food stamps) listed in the Income Roster (item 11b, page 5)?
1478 — 1 ☐ Yes — *SKIP to Check Item R26*
2 ☐ No

24. Was . . . authorized to receive food stamps at any time during the 4-month period? (An authorized person is one whose name appears on a certification card.)
1480 — 1 ☐ Yes — *Mark "27" on ISS*
2 ☐ No

CHECK ITEM R26 Interview status of . . .'s spouse.

1482
1 ☐ No spouse in household
2 ☐ Interview for spouse not yet conducted
3 ☐ Interview for spouse already conducted — *SKIP to Check Item R27*

25a. (Other than what we have already mentioned) During the 4-month period, did . . . receive any (other) welfare (such as AFDC, WIC, or General Assistance) (for . . . or . . .'s children)? (Exclude energy assistance.)

1484
1 ☐ Yes
2 ☐ No — *SKIP to Check Item R27*

b. What kind of welfare did . . . receive? Anything else?
Mark (X) all that apply.

1486 1 ☐ AFDC — *Mark "20" on ISS*
1488 2 ☐ General Assistance or General Relief — *Mark "21" on ISS*
1490 3 ☐ Indian, Cuban or Refugee Assistance — *Mark "22" on ISS*
1492 4 ☐ Foster Child Care — *Mark "23" on ISS*
1494 5 ☐ WIC — *Mark "25" on ISS*
1496 6 ☐ Other or DK — *Specify and enter code from income source list. If income type not listed or "DK", enter code "24" — Mark ISS*
1498 [ ] ______

CHECK ITEM R27 Is "Medicaid" marked for . . . on cc item 47?

1500
1 ☐ Yes — *SKIP to 26b*
2 ☐ No

(Refer to FLASHCARD M for Medicaid name.)
26a. During the 4-month period was . . . covered by *(Use local name for Medicaid)* **or another public assistance program that pays for medical care?**

1502
1 ☐ Yes — *Mark "173" on ISS* } *SKIP to Check Item R28*
2 ☐ No

(Refer to FLASHCARD M for Medicaid name.)
b. According to our last visit . . . was covered by *(Use local name for Medicaid)*. **Was . . . covered by it at any time during the 4-month period?**

1504
1 ☐ Yes — *Mark "173" on ISS*
2 ☐ No

CHECK ITEM R28 *Refer to cc item 27.* Is . . . the designated parent or guardian of children under 18 who live in this household?

1506
1 ☐ Yes
2 ☐ No — *SKIP to Check Item R29*

26c. Were any of . . .'s children (under 18) covered by *(Use local name for Medicaid)*?

1508
1 ☐ Yes
2 ☐ No — *SKIP to Check Item R29*

d. Which children were covered?

1510 X5 ☐ All children
OR

	Person No.	Name
1512		
1514		
1516		
1518		
1520		

CHECK ITEM R29 Was . . . or . . .'s children (under 18) covered by Medicaid?

1524
1 ☐ Yes
2 ☐ No — *SKIP to 27a*

26e. Was (. . .)(and) . . .'s child(ren) covered during the entire 4-month period?

1526
1 ☐ Yes — *SKIP to 27a*
2 ☐ No

f. In which months was (. . .)(and) . . .'s child(ren) covered?
Mark (X) all that apply.

1528 1 ☐ Last month
1530 2 ☐ 2 months ago
1532 3 ☐ 3 months ago
1534 4 ☐ 4 months ago

NOTES

Section 1 — LABOR FORCE AND RECIPIENCY (Continued)

27a. During the 4-month period, did . . . have group or individual health insurance in . . .'s own name?

(Exclude Medicaid, Medicare, CHAMPUS, CHAMPVA and plans paying benefits only for accidents or specific diseases.)

1536 1 ☐ Yes — *SKIP to 27c*
2 ☐ No

ASK OR VERIFY —

b. Was . . . covered by a health insurance plan in somebody else's name?

1537 1 ☐ Yes } *SKIP to Check Item R30*
2 ☐ No }

c. Did . . . have a plan in . . .'s own name during the entire 4-month period?

1538 1 ☐ Yes — *SKIP to 27e*
2 ☐ No

d. In which months did . . . have a plan?

Mark (X) all that apply.

1540 1 ☐ Last month
1542 2 ☐ 2 months ago
1544 3 ☐ 3 months ago
1546 4 ☐ 4 months ago

e. Was . . .'s plan provided through an employer or union (or through a former employer or a pension plan)?

1548 1 ☐ Yes
2 ☐ No — *SKIP to 27g*

f. Did the employer or union (former employer or pension plan) pay for part or all of the cost of this plan?

1550 1 ☐ All
2 ☐ Part
x3 ☐ None

g. Was this an individual plan or a family plan?

1552 1 ☐ Individual — *SKIP to Check Item R30*
2 ☐ Family

h. Did . . .'s health plan cover all the persons living here?

1554 1 ☐ Yes — *SKIP to Check Item R32*
2 ☐ No

i. Other than . . ., which persons in this household were covered by . . .'s plan?

	Person No.	Name
1556		
1558		
1560		
1562		
1564		
1566	x3 ☐ None	

CHECK ITEM R30 Refer to cc item 27.
Is . . . the designated parent or guardian of children under 18 who live in this household?

1568 1 ☐ Yes
2 ☐ No — *SKIP to Check Item R32*

CHECK ITEM R31 Have each of these children already been identified as members of a family health insurance plan?

1570 1 ☐ Yes
2 ☐ No — *SKIP to 27k*

27j. I have recorded that all of . . .'s children were covered by a health insurance plan — is that correct?

1572 1 ☐ Yes — *SKIP to Check Item R32*
2 ☐ No

k. Were any of (Which of) . . .'s children (were) covered by a health insurance plan?

(Exclude Medicaid, Medicare, CHAMPUS, CHAMPVA and plans paying benefits only for accidents or specific diseases.)

1574 x5 ☐ All children

OR

	Person No.	Name
1576		
1578		
1580		
1582		
1584		
1586	x3 ☐ None	

CHECK ITEM R32 Are any assets listed in the Asset Roster?

1588 1 ☐ Yes
2 ☐ No — *SKIP to 28a*

FORM SIPP-4600 (7-15-85)

Section 1 — LABOR FORCE AND RECIPIENCY (Continued)

28a. According to the information we obtained last time, . . . had *(Read asset types in 28b, column (2))* **during** *(8 months ago)* **through** *(5 months ago)* **. Was this information recorded correctly?**

1588
1 ☐ Yes
2 ☐ No – *Resolve problems and make appropriate entries in 28b, column (5)*
} ASK 28c

b. ASSET ROSTER

Line No. (1)	Asset type (2)	Asset code (3)	This reference period (4)	Previous reference period (5): Should not have been listed	Previous reference period (5): Was not listed; should have been
1		1590 ☐☐☐	1592 1 ☐ Yes – *Mark ISS* 2 ☐ No	1593 1 ☐	2 ☐
2		1594 ☐☐☐	1596 1 ☐ Yes – *Mark ISS* 2 ☐ No	1597 1 ☐	2 ☐
3		1598 ☐☐☐	1600 1 ☐ Yes – *Mark ISS* 2 ☐ No	1601 1 ☐	2 ☐
4		1602 ☐☐☐	1604 1 ☐ Yes – *Mark ISS* 2 ☐ No	1605 1 ☐	2 ☐
5		1606 ☐☐☐	1608 1 ☐ Yes – *Mark ISS* 2 ☐ No	1609 1 ☐	2 ☐
6		1610 ☐☐☐	1612 1 ☐ Yes – *Mark ISS* 2 ☐ No	1613 1 ☐	2 ☐
7		1614 ☐☐☐	1616 1 ☐ Yes – *Mark ISS* 2 ☐ No	1617 1 ☐	2 ☐
8		1618 ☐☐☐	1620 1 ☐ Yes – *Mark ISS* 2 ☐ No	1621 1 ☐	2 ☐

c. During the past 4 months, that is _________, _________, _________, and _________, did . . . still own (have) *(Read assets in 28b, column (2))***?**

MARK (X) APPROPRIATE BOX IN ITEM 28b, COLUMN (4) FOR EACH ASSET TYPE LISTED.

29a. (In addition to the assets we have already mentioned) During the 4-month period did . . . have any (other) kinds of assets which earn interest or bring in money, such as the ones shown on this card?
(SHOW FLASHCARD N.)

1622
1 ☐ Yes
2 ☐ No
X1 ☐ DK
X2 ☐ Ref.
} *SKIP to Check Item R33*

b. Which kinds of these assets did . . . own?
Any others?
(Exclude IRA and Keogh accounts)

1626 1 ☐ Regular or passbook savings accounts – *Mark "100" on ISS*
1628 2 ☐ Money market deposit accounts – *Mark "101" on ISS*
1630 3 ☐ Certificates of deposit or other savings certificates – *Mark "102" on ISS*
1632 4 ☐ NOW, Super NOW, or other interest-earning checking accounts – *Mark "103" on ISS*
1634 5 ☐ Money market funds – *Mark "104" on ISS*
1636 6 ☐ U. S. Government securities – *Mark "105" on ISS*
1640 7 ☐ Municipal or corporate bonds – *Mark "106" on ISS*
1642 8 ☐ Mortgages – *Mark "130" on ISS*
1644 9 ☐ U. S. Savings Bonds (E, EE) – *Mark "174" on ISS*
1646 10 ☐ Other interest-earning assets – *Mark "107" on ISS and specify*

1648 11 ☐ Stocks or mutual fund shares – *Mark "110" on ISS*
1650 12 ☐ Rental property – *Mark "120" on ISS*
1652 13 ☐ Royalties – *Mark "140" on ISS*
1654 14 ☐ Other financial investments – *Mark "150" on ISS and specify*

CHECK ITEM R33 Is . . . 17 to 49 years of age?

1656
1 ☐ Yes
2 ☐ No – *SKIP to Check Item R36*

NOTES

Section 1 — LABOR FORCE AND RECIPIENCY (Continued)

30a. During the past 4 months did . . . attend school beyond the high school level including a college, university, or other school?

1856 — 1 ☐ Yes
2 ☐ No — *SKIP to Check Item R36*

b. Were any of . . .'s educational expenses during the past 4 months paid for by the GI Bill, a Pell (BEOG) Grant, a Guaranteed or National Direct Student Loan, or any other type of scholarship or grant?

1860 — 1 ☐ Yes
2 ☐ No — *SKIP to item 33*

c. What kind of educational assistance did . . . receive?

Anything else?

Mark (X) all that apply.

1862 — 1 ☐ GI/VEAP Benefits — *Mark "40" on the ISS*
1864 — 2 ☐ Pell Grant (BEOG)
1866 — 3 ☐ Supplemental Educational Opportunity Grant (SEOG)
1868 — 4 ☐ Other VA Educational Assistance Programs
1870 — 5 ☐ Other scholarship, fellowship, or grant
1872 — 6 ☐ Employer assistance
1874 — 7 ☐ JTPA/CETA training allowance
1876 — 8 ☐ Guaranteed Student Loan (GSL)
1878 — 9 ☐ National Direct Student Loan (NSL)

(items 2–9) *Mark "175" on ISS*

31a. What kind of term system does . . .'s school use — semester, trimester, quarter, or something else?

1880 — 1 ☐ Semester
2 ☐ Trimester
3 ☐ Quarter
4 ☐ Other
X1 ☐ DK

b. How much was . . .'s total tuition and fees for the (semester/trimester/quarter/school term)?

(Include all tuition and fees, even if paid completely or in part by the family, a scholarship or a loan.)

1882 — $ ______ . 00
X1 ☐ DK

CHECK ITEM R34 — Is "Pell Grant (BEOG)" marked in item 30c?

1884 — 1 ☐ Yes
2 ☐ No — *SKIP to Check Item R35*

31c. What was the total amount of . . .'s Pell Grant (BEOG) for the (semester/trimester/quarter/school term)?

1886 — $ ______ . 00
X1 ☐ DK

CHECK ITEM R35 — Is box 3, 4, 5 or 6 marked in item 30c?

1888 — 1 ☐ Yes
2 ☐ No — *SKIP to 33*

32. What was the total amount of . . .'s *(Read appropriate types of educational assistance)* **for the (semester/trimester/quarter/school term)?**

1890 — $ ______ . 00
X1 ☐ DK

33. Did . . . participate in the Federally funded work-study program at school at any time during the past 4 months?

1892 — 1 ☐ Yes
2 ☐ No

CHECK ITEM R36 — *Refer to cc item 26a.* What is . . .'s marital status?

1894 — 1 ☐ Married, spouse absent
2 ☐ Other — *SKIP to Check Item R37*

ASK OR VERIFY —

34. Is . . .'s spouse in the Armed Forces?

1896 — 1 ☐ Yes
2 ☐ No

CHECK ITEM R37 — Are any income types, assets, "worked" or "other educational assistance" marked on the ISS?

1898 — 1 ☐ Yes
2 ☐ No — *SKIP to 35a*

35a. You said that during the 4-month period . . . received income from — *(Mention working or other educational assistance if appropriate and read income sources and assets from the ISS.)* **Is that correct?**

1700 — 1 ☐ Yes
2 ☐ No — *Probe and resolve (Make corrections to ISS if necessary)*

b. Did . . . receive income from any other source such as financial help from someone outside the household, support payments, payments from the government or anything else?

1702 — 1 ☐ Yes — *SKIP to 36b*
2 ☐ No — *SKIP to Check Item E1*

36a. I have not recorded any sources of income for . . . during the 4-month period. Did . . . receive income from some source we have not covered, such as financial help from someone outside the household, support payments, payments from the government or anything else?

1704 — 1 ☐ Yes
2 ☐ No — *SKIP to Check Item P1, page 45*

b. What kind of income did . . . receive?

Anything else?

Enter codes from income source list and mark ISS.

1706 — ☐☐☐ ______
1708 — ☐☐☐ ______
1710 — ☐☐☐ ______

Section 2 — EARNINGS AND EMPLOYMENT

CHECK ITEM E1	Is "Worked" marked on the ISS?	1712	1 ☐ Yes 2 ☐ No — *SKIP to first ISS Code marked or Check Item P1, page 45*
1a.	**You said . . . worked during the 4-month period. Was . . . working for an employer or was . . . self-employed?** **(Include unpaid worker in family business or farm as working for an employer.)**	1714	1 ☐ Worked for employer only 2 ☐ Self-employed only — *SKIP to Statement B, page 18* 3 ☐ Both worked for employer and self-employed
b.	**How many different employers did . . . work for during this 4-month period?**	1716	1 ☐ 1 employer 2 ☐ 2 employers 3 ☐ 3 or more employers
CHECK ITEM E2	Is "Both worked for employer and self-employed" marked in 1a?	1718	1 ☐ Yes 2 ☐ No — *SKIP to 2a*

STATEMENT A **. . . worked for an employer and was also self-employed. The first questions will be about . . .'s work for an employer.**

NOTES

Section 2 — EARNINGS AND EMPLOYMENT (Continued)

Part A1 — EMPLOYER IDENTIFICATION NUMBER 1

2a. What is the name of the employer for whom . . . worked during this 4-month period?

(If . . . worked for more than one employer, enter the employer for whom . . . worked the most hours during the 4-month period or the most recent employer.)

PGM 5 — 2000 Employer Name ____________________

CHECK ITEM E3 — Enter employer ID number from cc item 42, or if a new employer, enter next available ID number →

PGM 5 — 2002 Employer ID No. ☐

2b. What kind of business or industry was *(Name of company or business)***?**

For example: TV and radio manufacturing, retail shoe store, State Labor Department, farm.

PGM 5 — 2004 ____________________

c. *ASK OR VERIFY —*

Is it mainly —

PGM 5 — 2006
1 ☐ **Manufacturing?**
2 ☐ **Wholesale Trade?**
3 ☐ **Retail Trade?**
4 ☐ **Some other kind of business?**

d. What kind of work was . . . doing on this job?

For example: Electrical engineer, stock clerk, typist, farmer

PGM 5 — 2008 ____________________

e. What were . . .'s main activities or duties?

For example: Types, keeps account books, files, sells cars, operates printing press, finishes concrete.

PGM 5 — 2010 ____________________

f. *ASK OR VERIFY —*

Was . . . an employee of —

PGM 5 — 2012
1 ☐ **A private company or individual?**
2 ☐ **Federal government (exclude Armed Forces)?**
3 ☐ **State government?**
4 ☐ **Local government?**
5 ☐ **Armed Forces?**
6 ☐ **Unpaid in family business or farm?** — *SKIP to Check Item E5*

3a. *ASK OR VERIFY —*

Was . . . employed by *(Name of employer)* **during the entire 4-month period?**

PGM 7 — 2014
1 ☐ Yes — *SKIP to 4*
2 ☐ No

b. When was . . . employed by *(Name of employer)* **during this 4-month period?**

FROM
2016 ☐☐ Month 2018 ☐☐ Day
TO
2020 ☐☐ Month 2022 ☐☐ Day

4. *ASK OR VERIFY —*

How many hours per week did . . . usually work at this job?

2024 ☐☐ Hours
X3 ☐ None
X1 ☐ DK

5. Was . . . paid by the hour on this job?

2026
1 ☐ Yes
2 ☐ No - *SKIP to 7*

6. What was . . .'s regular hourly pay rate at the end of *(Read last month or "to" date in item 3b)***?**

2028 $ ☐ . ☐
X1 ☐ DK
X2 ☐ Ref. — *SKIP to Check Item E5*

7. During the 4-month period how often was . . . paid on this job?

2030
1 ☐ Once a week
2 ☐ Once each 2 weeks
3 ☐ Once a month
4 ☐ Twice a month
5 ☐ Some other way — *Specify*

____

8. *READ STATEMENT ONLY ONCE PER RESPONDENT*

The next question is about the pay . . . received from this job during the 4-month period. We need the most accurate figures you can provide. Be sure to include any tips, bonuses, overtime pay, or commissions.

What was the total amount of pay that . . . received BEFORE deductions on this job in *(Read each month)*?

FOR MEMBERS OF THE ARMED FORCES — *(Be sure to include housing allowances and any other special types of pay.)*

NOTE: Certain months contain 5 paydays for workers paid weekly and 3 paydays for workers paid every 2 weeks.

★

		INTERVIEWER USE ONLY
LAST MONTH	2032 $ ____ . 00 x3 ☐ None x1 ☐ DK x2 ☐ Ref.	$ ____ .00 $ ____ .00 $ ____ .00 $ ____ .00 $ ____ .00 Total $ ____ .00
2 MONTHS AGO	2034 $ ____ . 00 x3 ☐ None x1 ☐ DK x2 ☐ Ref.	$ ____ .00 $ ____ .00 $ ____ .00 $ ____ .00 $ ____ .00 Total $ ____ .00
3 MONTHS AGO	2036 $ ____ . 00 x3 ☐ None x1 ☐ DK x2 ☐ Ref.	$ ____ .00 $ ____ .00 $ ____ .00 $ ____ .00 $ ____ .00 Total $ ____ .00
4 MONTHS AGO	2038 $ ____ . 00 x3 ☐ None x1 ☐ DK x2 ☐ Ref.	$ ____ .00 $ ____ .00 $ ____ .00 $ ____ .00 $ ____ .00 Total $ ____ .00

CHECK ITEM E4 — Is "DK" marked in all parts of item 8?

2040 1 ☐ Yes
2 ☐ No — *SKIP to Check Item E5*

9. If we were to call back later would you (or . . .) be able to provide us with the amounts of pay . . . received in each of these months? (Information about how much . . . received each month is very important to the results of our survey.)

2042 1 ☐ Yes — *Mark Reminder Card, Item 3a*
2 ☐ No

CHECK ITEM E5 — Number of employers in item 1b, page 13?

2044 1 ☐ 1 employer — *SKIP to Check Item E8, page 17*
2 ☐ 2 or more employers

Section 2 — EARNINGS AND EMPLOYMENT (Continued)

Part A2 — EMPLOYER IDENTIFICATION NUMBER 2

10a. What is the name of the other employer for whom . . . worked during this 4-month period?

(If . . . worked for more than one employer, enter the employer for whom . . . worked the second most hours during the 4-month period.)

PGM 6 — Employer Name

2100 ______________________

CHECK ITEM E6 — Enter employer ID number from cc item 42, or if a new employer, enter next available ID number →

PGM 6 — Employer ID No.

2102 [ ]

10b. What kind of business or industry was *(Name of company or business)*?

For example: TV and radio manufacturing, retail shoe store, State Labor Department, farm.

PGM 6 — 2104 ______________________

c. *ASK OR VERIFY —*

Is it mainly —

PGM 6 — 2106
1 ☐ **Manufacturing?**
2 ☐ **Wholesale Trade?**
3 ☐ **Retail Trade?**
4 ☐ **Some other kind of business?**

d. What kind of work was . . . doing on this job?

For example: Electrical engineer, stock clerk, typist, farmer

PGM 6 — 2108 ______________________

e. What were . . .'s main activities or duties?

For example: Types, keeps account books, files, sells cars, operates printing press, finishes concrete.

PGM 6 — 2110 ______________________

f. *ASK OR VERIFY —*

Was . . . an employee of —

PGM 6 — 2112
1 ☐ **A private company or individual?**
2 ☐ **Federal government (exclude Armed Forces)?**
3 ☐ **State government?**
4 ☐ **Local government?**
5 ☐ **Armed Forces?**
6 ☐ **Unpaid in family business or farm?** — *SKIP to Check Item E8*

11a. *ASK OR VERIFY —*

Was . . . employed by *(Name of employer)* **during the entire 4-month period?**

PGM 7 — 2114
1 ☐ Yes — *SKIP to 12*
2 ☐ No

b. When was . . . employed by *(Name of employer)* **during this 4-month period?**

FROM
2116 [ ][ ] Month — 2118 [ ][ ] Day

TO
2120 [ ][ ] Month — 2122 [ ][ ] Day

12. *ASK OR VERIFY —*

How many hours per week did . . . usually work at this job?

2124 [ ][ ] Hours
X3 ☐ None
X1 ☐ DK

13. Was . . . paid by the hour on this job?

2126
1 ☐ Yes
2 ☐ No — *SKIP to 15*

14. What was . . .'s regular hourly pay rate at the end of *(Read last month or "to" date in item 11b)*?

2128 [$] . [ ]
X1 ☐ DK
X2 ☐ Ref. — *SKIP to Check Item E8*

15. During the 4-month period how often was . . . paid on this job?

2130
1 ☐ Once a week
2 ☐ Once each 2 weeks
3 ☐ Once a month
4 ☐ Twice a month
5 ☐ Some other way — *Specify* ↓

____

FORM SIPP-4400 (7-19-85)

16. *READ STATEMENT ONLY ONCE PER RESPONDENT*

The next question is about the pay . . . received from this job during the 4-month period. We need the most accurate figures you can provide. Be sure to include any tips, bonuses, overtime pay, or commissions.

What was the total amount of pay that . . . received BEFORE deductions on this job in *(Read each month)*?

FOR MEMBERS OF THE ARMED FORCES — *(Be sure to include housing allowances and any other special types of pay.)*

NOTE: Certain months contain 5 paydays for workers paid weekly and 3 paydays for workers paid every 2 weeks.

★

		INTERVIEWER USE ONLY
LAST MONTH	2132 $ ____ . 00 x3 ☐ None x1 ☐ DK x2 ☐ Ref.	$ ____ .00 $ ____ .00 $ ____ .00 $ ____ .00 $ ____ .00 Total $ ____ .00
2 MONTHS AGO	2134 $ ____ . 00 x3 ☐ None x1 ☐ DK x2 ☐ Ref.	$ ____ .00 $ ____ .00 $ ____ .00 $ ____ .00 $ ____ .00 Total $ ____ .00
3 MONTHS AGO	2136 $ ____ . 00 x3 ☐ None x1 ☐ DK x2 ☐ Ref.	$ ____ .00 $ ____ .00 $ ____ .00 $ ____ .00 $ ____ .00 Total $ ____ .00
4 MONTHS AGO	2138 $ ____ . 00 x3 ☐ None x1 ☐ DK x2 ☐ Ref.	$ ____ .00 $ ____ .00 $ ____ .00 $ ____ .00 $ ____ .00 Total $ ____ .00

CHECK ITEM E7

Is "DK" marked in all parts of item 16?

2140 1 ☐ Yes
2 ☐ No — *SKIP to Check Item E8*

17. If we were to call back later would you (or . . .) be able to provide us with the amounts of pay . . . received in each of these months? (Information about how much . . . received each month is very important to the results of our survey.)

2142 1 ☐ Yes — *Mark Reminder Card, item 3b*
2 ☐ No

CHECK ITEM E8

Is "Both worked for employer and self-employed" marked in item 1a, page 13?

2144 1 ☐ Yes — *Read Statement B*
2 ☐ No — *SKIP to first ISS Code or Check Item P1, page 45*

Section 2 — EARNINGS AND EMPLOYMENT (Continued)

Part S1 — SELF-EMPLOYMENT IDENTIFICATION NUMBER 1

STATEMENT B You said . . . was (also) self-employed during this 4-month period.

Question	Code	Response
1a. What was the name of . . .'s business/professional practice/farm?	PGM 5 / 2200	Business name ________
CHECK ITEM S1 Enter business ID number from cc item 43, or if a new business enter the next available ID number →	PGM 6 / 2202	Business ID No. ☐
1b. What kind of business was this?	PGM 8 / 2204	________
ASK OR VERIFY — **c. Is it mainly —**	PGM 8 / 2206	1 ☐ **Manufacturing?** 2 ☐ **Wholesale Trade?** 3 ☐ **Retail Trade?** 4 ☐ **Some other kind of business?**
d. What kind of work was . . . doing?	PGM 8 / 2208	________
e. What were . . .'s most important activities or duties?	PGM 8 / 2210	________
ASK OR VERIFY — **f. How many hours per week did . . . usually work at this business?**	PGM 7 / 2212	☐☐ Hours x1 ☐ None x2 ☐ DK
2. Do you think that the gross earnings of this business will be $1,000 or more during the next 12 months? *Gross earnings include sales and receipts before expenses.*	2214	1 ☐ Yes 2 ☐ No — *SKIP to 10* x1 ☐ DK
CHECK ITEM S2 Have questions 3—5b already been answered for this business by another household member?	2216	1 ☐ Yes — *SKIP to 6a* 2 ☐ No
3. What was the total number of employees working for this business? Be sure to include . . . . *Enter 999 if 1,000 or more employees.*	2218	☐☐☐ Employees x1 ☐ DK
4a. Was . . .'s business incorporated?	2220	1 ☐ Yes — *SKIP to 5a* 2 ☐ No
b. Was . . .'s business a sole proprietorship or a partnership?	2222	1 ☐ Sole proprietorship — *SKIP to 6a* 2 ☐ Partnership
5a. Aside from . . . were any other members of this household owners or partners in this business?	2224	1 ☐ Yes 2 ☐ No — *SKIP to 6a*
b. Which members?		Person No. / Name
	2226	☐☐☐ ________
	2228	☐☐☐ ________
	2230	☐☐☐ ________
6a. Was . . . paid a regular salary from this business during the 4-month period?	2232	1 ☐ Yes 2 ☐ No
b. Did . . . receive any (other) income from the business during this 4-month period?	2234	1 ☐ Yes 2 ☐ No
CHECK ITEM S3 Is "Yes" marked in either item 6a or 6b?	2236	1 ☐ Yes 2 ☐ No — *SKIP to Check Item S5*

Part B1 — SELF-EMPLOYMENT IDENTIFICATION NUMBER 1 (Continued)

		INTERVIEWER USE ONLY
7. *READ STATEMENT ONLY ONCE PER RESPONDENT.* **The next question is about the income . . . received from this business during the 4-month period. We need the most accurate figures you can provide. What was the total amount of income that . . . received from this business in** *(Read each month)*? ★	LAST MONTH 2238 $ ____ .00 x3 ☐ None x1 ☐ DK x2 ☐ Ref.	$ ____ .00 $ ____ .00 $ ____ .00 $ ____ .00 TOTAL $ ____ .00
	2 MONTHS AGO 2240 $ ____ .00 x3 ☐ None x1 ☐ DK x2 ☐ Ref.	$ ____ .00 $ ____ .00 $ ____ .00 $ ____ .00 TOTAL $ ____ .00
	3 MONTHS AGO 2242 $ ____ .00 x3 ☐ None x1 ☐ DK x2 ☐ Ref.	$ ____ .00 $ ____ .00 $ ____ .00 $ ____ .00 TOTAL $ ____ .00
	4 MONTHS AGO 2244 $ ____ .00 x3 ☐ None x1 ☐ DK x2 ☐ Ref.	$ ____ .00 $ ____ .00 $ ____ .00 $ ____ .00 TOTAL $ ____ .00

CHECK ITEM S4	Is "DK" marked in all parts of item 7?	2246 1 ☐ Yes 2 ☐ No — *SKIP to Check Item S5*
8.	**If we were to call back later would you (or . . .) be able to provide us with the amounts of income . . . received in each of these months? (Information about how much . . . received each month is very important to the results of our survey.)**	2248 1 ☐ Yes — *Mark Reminder Card, item 4a* 2 ☐ No
CHECK ITEM S5	*Refer to item 4a, page 18.* Is this business incorporated?	2250 1 ☐ Yes — *SKIP to 17* 2 ☐ No
CHECK ITEM S6	Has information about the net profit (or loss) for this business already been obtained by another household member?	2252 1 ☐ Yes — *SKIP to 11* 2 ☐ No
9a.	**We would also appreciate an estimate of the net profit (or loss), that is, the difference between gross receipts and expenses for this 4-month period. Can you give me an estimate of the net profit (or loss) during the 4-month period?**	2254 1 ☐ Yes 2 ☐ No — *SKIP to 11*
b.	**What was the net profit (or loss) from this business during the 4-month period?**	2256 $ ____ .00 2258 x4 ☐ Loss in amount box — *If "Broke even," mark 41 in box.* } *SKIP to 11*
10.	**About how much did . . . earn from this business after expenses during the 4-month period?**	2260 $ ____ .00 x3 ☐ None x1 ☐ DK x2 ☐ Ref.
11.	**Was . . . self-employed in any other business (professional practice/farm) during the 4-month period?**	2262 1 ☐ Yes 2 ☐ No — *SKIP to first ISS Code or Check Item P1, page 45*

Section 2 — EARNINGS AND EMPLOYMENT (Continued)

Part S2 — SELF-EMPLOYMENT IDENTIFICATION NUMBER 2

12a. What was the name of . . .'s other business/professional practice/farm?

FGM 8 Business name

2300 ____________________

____

CHECK ITEM S7 Enter business ID number from cc item 43, or if a new business, enter the next available ID number →

FGM 8 Business ID No.

2302 [ ]

12b. What kind of business was this?

FGM 8

2304 ____________________

ASK OR VERIFY —

c. Is it mainly —

FGM 8

2306
1 ☐ **Manufacturing?**
2 ☐ **Wholesale Trade?**
3 ☐ **Retail Trade?**
4 ☐ **Some other kind of business?**

d. What kind of work was . . . doing?

FGM 8

2308 ____________________

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

FGM 8

2310 ____________________

f. How many hours per week did . . . usually work at this business?

FGM 7

2312 [ ] Hours

X3 ☐ None
X1 ☐ DK

13. Do you think that the gross earnings of this business will be $1,000 or more during the next 12 months?

Gross earnings include sales and receipts before expenses.

2314
1 ☐ Yes
2 ☐ No — *SKIP to 21*
X1 ☐ DK

CHECK ITEM S8 Have questions 14 – 13b already been answered for this business by another household member?

2316
1 ☐ Yes — *SKIP to 17a*
2 ☐ No

14. What was the total number of employees working for this business? Be sure to include . . .'s . .

Enter 999 if 1,000 or more employees.

2318 [ ] Employees

X1 ☐ DK

15a. Was . . .'s business incorporated?

2320
1 ☐ Yes — *SKIP to 16a*
2 ☐ No

b. Was . . .'s business a sole proprietorship or a partnership?

2322
1 ☐ Sole proprietorship — *SKIP to 17a*
2 ☐ Partnership

16a. Aside from . . . were any other members of this household owners or partners in this business?

2324
1 ☐ Yes
2 ☐ No — *SKIP to 17a*

b. Which members?

	Person No.	Name
2326		
2328		
2330		

17a. Was . . . paid a regular salary from this business during the 4-month period?

2332
1 ☐ Yes
2 ☐ No

b. Did . . . receive any (other) income from the business during this 4-month period?

2334
1 ☐ Yes
2 ☐ No

CHECK ITEM S9 Is "Yes" marked in either item 17a or 17b?

2336
1 ☐ Yes
2 ☐ No — *SKIP to Check Item S11*

Part B2 — SELF-EMPLOYMENT IDENTIFICATION NUMBER 2 (Continued)

18. *READ STATEMENT ONLY ONCE PER RESPONDENT.*

The next question is about the income . . . received from this business during the 4-month period. We need the most accurate figures you can provide.

What was the total amount of income that . . . received from this business in *(Read each month)*? ★

LAST MONTH
2338 $ ______ . 00
x3 ☐ None
x1 ☐ DK
x2 ☐ Ref.

2 MONTHS AGO
2340 $ ______ . 00
x3 ☐ None
x1 ☐ DK
x2 ☐ Ref.

3 MONTHS AGO
2342 $ ______ . 00
x3 ☐ None
x1 ☐ DK
x2 ☐ Ref.

4 MONTHS AGO
2344 $ ______ . 00
x3 ☐ None
x1 ☐ DK
x2 ☐ Ref.

INTERVIEWER USE ONLY

$ ______ .00
$ ______ .00
$ ______ .00
$ ______ .00
TOTAL $ ______ .00

$ ______ .00
$ ______ .00
$ ______ .00
$ ______ .00
TOTAL $ ______ .00

$ ______ .00
$ ______ .00
$ ______ .00
$ ______ .00
TOTAL $ ______ .00

$ ______ .00
$ ______ .00
$ ______ .00
$ ______ .00
TOTAL $ ______ .00

CHECK ITEM S10 Is "DK" marked in all parts of item 18?
2346 1 ☐ Yes
2 ☐ No — *SKIP to Check Item S11*

19. **If we were to call back later would you (or . . .) be able to provide us with the amounts of income . . . received in each of these months? (Information about how much . . . received each month is very important to the results of our survey.)**
2348 1 ☐ Yes — *Mark Reminder Card, item 4b*
2 ☐ No

CHECK ITEM S11 *Refer to item 15a, page 20.* Is this business incorporated?
2350 1 ☐ Yes — *SKIP to first ISS Code or Check Item P1, page 45*
2 ☐ No

CHECK ITEM S12 Has information about the net profit (or loss) for this business already been obtained by another household member?
2352 1 ☐ Yes — *SKIP to first ISS Code or Check Item P1, page 45*
2 ☐ No

20a. **We would also appreciate an estimate of the net profit (or loss), that is, the difference between gross receipts and expenses for this 4-month period. Can you give me an estimate of the net profit (or loss) during the 4-month period?**
2354 1 ☐ Yes
2 ☐ No — *SKIP to first ISS Code or Check Item P1, page 45*

b. **What was the net profit (or loss) from this business during the 4-month period?**
2356 $ ______ . 00
2358 x1 ☐ Loss in amount box — *If "Broke even," mark $1 in box.*
SKIP to first ISS Code or Check Item P1, page 45

21. **About how much did . . . earn from this business after expenses during the 4-month period?**
2360 $ ______ . 00
x3 ☐ None
x1 ☐ DK
x2 ☐ Ref.
SKIP to first ISS Code or Check Item P1, page 45

Section 3 — AMOUNTS

Part A — GENERAL AMOUNTS (ISS Codes 1 – 68)

1. You said . . . received *(Read name of income type)* **during the 4-month period.**

3000 Income code ____ Name of income type ____

CHECK ITEM A1 — *Mark (X) income type code.*

3002
1 ☐ ISS code 1 or 2 (SS or RR)
2 ☐ ISS code 25 (WIC) — *SKIP to 14, page 24*
3 ☐ ISS code 27 (Food Stamps) — *SKIP to 12a, page 24*
4 ☐ Other ISS codes — *SKIP to Check Item A4*

CHECK ITEM A2 — *Refer to cc item 27.* Is . . . a designated parent, or guardian of children under age 18?

3004
1 ☐ Yes
2 ☐ No — *SKIP to Check Item A3*

2. During this 4-month period, were any separate payments from (Social Security/Railroad Retirement) received especially for the children?

3006
1 ☐ Yes
2 ☐ No — *SKIP to Check Item A3*

3. Did . . . also receive a separate payment for (himself/herself) during any of these months?

3008
1 ☐ Yes
2 ☐ No — *SKIP to 10e*

CHECK ITEM A3 — Is . . . married?

3010
1 ☐ Yes
2 ☐ No — *SKIP to 5a*

4. Did . . . receive Social Security (Railroad Retirement) jointly with . . .'s spouse?

3012
1 ☐ Yes
2 ☐ No — *SKIP to 5a*

CHECK ITEM A4 — Has information about the amount received by . . . from the income source entered in 1 already been recorded during an interview for . . .'s spouse?

3014
1 ☐ Yes — *SKIP to next ISS Code or Check Item P1, page 45*
2 ☐ No

5a. Did . . . receive any *(Read name of income type)* **in** *(Read each month)***?**

NOTE — Some persons receive more than one payment per month for certain income types such as Unemployment Compensation and AFDC.

5b. How much did . . . receive in *(Read each month marked "Yes" in 5a)***? Please answer by giving the total amount each month before any deductions.**

	5a	5b
Last month	3016 1 ☐ Yes 2 ☐ No x1 ☐ DK	3018 $ ____ . 00 x1 ☐ DK x2 ☐ Ref.
2 months ago	3020 1 ☐ Yes 2 ☐ No x1 ☐ DK	3022 $ ____ . 00 x1 ☐ DK x2 ☐ Ref.
3 months ago	3024 1 ☐ Yes 2 ☐ No x1 ☐ DK	3026 $ ____ . 00 x1 ☐ DK x2 ☐ Ref.
4 months ago	3028 1 ☐ Yes 2 ☐ No x1 ☐ DK	3030 $ ____ . 00 x1 ☐ DK x2 ☐ Ref.

CHECK ITEM A5 — *Mark (X) income type code.*

3032
1 ☐ ISS code 1 or 2 — *SKIP to Check Item A7*
2 ☐ ISS code 8 or 20 through 24
3 ☐ All other income codes — *SKIP to next ISS Code or Check Item P1, page 45*

6a. Were all the people living here covered by . . .'s payments?

3034
1 ☐ Yes — *SKIP to Check Item A6*
2 ☐ No

NOTES

Part A — GENERAL AMOUNTS (ISS Codes 1—58) (Continued)

6b. Which persons were covered?

	Person No.	Name
3036		
3038		
3040		
3042		
3044		
3046		
3048		
3050		
3052		
3054		

CHECK ITEM A6 — Is this ISS code "8"?

3056
1 ☐ Yes
2 ☐ No — *SKIP to next ISS Code or Check Item P1, page 45*

7. Is . . . required to fill out an annual income questionnaire for the Veterans Administration?

3060
1 ☐ Yes
2 ☐ No
x1 ☐ DK
} *SKIP to next ISS Code or Check Item P1, page 45*

CHECK ITEM A7 — Was this ISS code marked for . . . in cc Item 45 last reference period?

3062
1 ☐ Yes — *SKIP to Check Item A8*
2 ☐ No

(SHOW FLASHCARD O)

8. Social Security (Railroad Retirement) sends out two types of checks. Please look at this card and tell me which color check . . . receives?

3064
1 ☐ Green
2 ☐ Gold
3 ☐ Other
x1 ☐ DK

9. Do . . .'s payments usually come on the first of the month or the third?

3066
1 ☐ First
2 ☐ Third
3 ☐ Other
x1 ☐ DK

CHECK ITEM A8 — *Refer to item 2, page 22.* Were (Social Security/Railroad Retirement) payments received especially for the children?

3068
1 ☐ Yes
2 ☐ No — *SKIP to next ISS Code or Check Item P1, page 45*

10a. Were Social Security (Railroad Retirement) payments received for the children in *(Read each month)***?**

10b. *If "Yes" in 10a —* **How much was received?**

10a		10b	
Last month	3070 1 ☐ Yes 2 ☐ No x1 ☐ DK	3072	$ ______ . 00 x1 ☐ DK x2 ☐ Ref.
2 months ago	3074 1 ☐ Yes 2 ☐ No x1 ☐ DK	3076	$ ______ . 00 x1 ☐ DK x2 ☐ Ref.
3 months ago	3078 1 ☐ Yes 2 ☐ No x1 ☐ DK	3080	$ ______ . 00 x1 ☐ DK x2 ☐ Ref.
4 months ago	3082 1 ☐ Yes 2 ☐ No x1 ☐ DK	3084	$ ______ . 00 x1 ☐ DK x2 ☐ Ref.

VERIFY IF ONLY ONE CHILD OR ASK —

11a. Were all children living here covered by these payments?

3086
1 ☐ Yes — *SKIP to next ISS Code or Check Item P1, page 45*
2 ☐ No

Section 3 — AMOUNTS (Continued)

Part A — GENERAL AMOUNTS (ISS Codes 1—56) (Continued)

11b. Which children were covered?

	Person No.	Name
3086		
3090		
3092		
3094		
3096		
3098		

SKIP to next ISS Code or Check Item P1, page 45

12a. Were all the people living here covered under . . .'s food stamp allotment?

3100 1 ☐ Yes — *SKIP to 13a*
2 ☐ No

b. Which persons were covered?

	Person No.	Name
3102		
3104		
3106		
3108		
3110		
3112		
3114		
3116		
3118		
3120		

13a. Did . . . receive food stamps in *(Read each month)*?

13b. *If "Yes" in 13a, ask —* **What was the total amount?**

13a			13b	
Last month	3122	1 ☐ Yes 2 ☐ No x1 ☐ DK	3124	$. 00 x1 ☐ DK x2 ☐ Ref.
2 months ago	3126	1 ☐ Yes 2 ☐ No x1 ☐ DK	3128	$. 00 x1 ☐ DK x2 ☐ Ref.
3 months ago	3130	1 ☐ Yes 2 ☐ No x1 ☐ DK	3132	$. 00 x1 ☐ DK x2 ☐ Ref.
4 months ago	3134	1 ☐ Yes 2 ☐ No x1 ☐ DK	3136	$. 00 x1 ☐ DK x2 ☐ Ref.

SKIP to next ISS Code or Check Item P1, page 45

14. Did . . . receive any WIC vouchers in *(Read each month)*?
Mark (X) all that apply.

3138 1 ☐ Last month
3140 2 ☐ 2 months ago
3142 3 ☐ 3 months ago
3144 4 ☐ 4 months ago

SKIP to next ISS Code or Check Item P1, page 45

FORM SIPP-4800 (7-18-8)

Section 3 — AMOUNTS

Part A — GENERAL AMOUNTS (ISS Codes 1 – 56)

1. You said . . . received *(Read name of income type)* **during the 4-month period.**	3200 Income code ___ Name of income type ___
CHECK ITEM A1 *Mark (X) income type code.*	3202 1 ☐ ISS code 1 or 2 (SS or RR) 2 ☐ ISS code 25 (WIC) — *SKIP to 14, page 27* 3 ☐ ISS code 27 (Food Stamps) — *SKIP to 12a, page 27* 4 ☐ Other ISS codes — *SKIP to Check Item A4*
CHECK ITEM A2 *Refer to cc item 27.* Is . . . a designated parent, or guardian of children under age 18?	3204 1 ☐ Yes 2 ☐ No — *SKIP to Check Item A3*
2. During this 4-month period, were any separate payments from (Social Security/Railroad Retirement) received especially for the children?	3206 1 ☐ Yes 2 ☐ No — *SKIP to Check Item A3*
3. Did . . . also receive a separate payment for (himself/herself) during any of these months?	3208 1 ☐ Yes 2 ☐ No — *SKIP to 10a*
CHECK ITEM A3 Is . . . married?	3210 1 ☐ Yes 2 ☐ No — *SKIP to 5a*
4. Did . . . receive Social Security (Railroad Retirement) jointly with . . .'s spouse?	3212 1 ☐ Yes 2 ☐ No — *SKIP to 5a*
CHECK ITEM A4 Has information about the amount received by . . . from the income source entered in 1 already been recorded during an interview for . . .'s spouse?	3214 1 ☐ Yes — *SKIP to next ISS Code or Check Item P1, page 45* 2 ☐ No

5a. Did . . . receive any *(Read name of income type)* **in** *(Read each month)***?** NOTE Some persons receive more than one payment per month for certain income types such as Unemployment Compensation and AFDC.		**5b. How much did . . . receive in** *(Read each month marked "Yes" in 5a)***? Please answer by giving the total amount each month before any deductions.**
Last month	3216 1 ☐ Yes 2 ☐ No X1 ☐ DK	3218 $ ____ . 00 X1 ☐ DK X2 ☐ Ref.
2 months ago	3220 1 ☐ Yes 2 ☐ No X1 ☐ DK	3222 $ ____ . 00 X1 ☐ DK X2 ☐ Ref.
3 months ago	3224 1 ☐ Yes 2 ☐ No X1 ☐ DK	3226 $ ____ . 00 X1 ☐ DK X2 ☐ Ref.
4 months ago	3228 1 ☐ Yes 2 ☐ No X1 ☐ DK	3230 $ ____ . 00 X1 ☐ DK X2 ☐ Ref.

CHECK ITEM A5 *Mark (X) income type code.*	3232 1 ☐ ISS code 1 or 2 — *SKIP to Check Item A7* 2 ☐ ISS code 8 or 20 through 24 3 ☐ All other income codes — *SKIP to next ISS Code or Check Item P1, page 45*
6a. Were all the people living here covered by . . .'s payments?	3234 1 ☐ Yes — *SKIP to Check Item A6* 2 ☐ No

NOTES

FORM SIPP-4000 (7-15-86)

Section 3 — AMOUNTS (Continued)

Part A — GENERAL AMOUNTS (ISS Codes 1—56) (Continued)

6b. Which persons were covered?

	Person No.	Name
3236		
3238		
3240		
3242		
3244		
3246		
3248		
3250		
3252		
3254		

CHECK ITEM A6 — Is this ISS code "8"?

3256 1 ☐ Yes
2 ☐ No — *SKIP to next ISS Code or Check Item P1, page 45*

7. Is . . . required to fill out an annual income questionnaire for the Veterans Administration?

3260 1 ☐ Yes
2 ☐ No
x ☐ DK
} *SKIP to next ISS Code or Check Item P1, page 45*

CHECK ITEM A7 — Was this ISS code marked for . . . in cc item 46 last reference period?

3262 1 ☐ Yes — *SKIP to Check Item A8*
2 ☐ No

(SHOW FLASHCARD O)

8. Social Security (Railroad Retirement) sends out two types of checks. Please look at this card and tell me which color check . . . receives?

3264 1 ☐ Green
2 ☐ Gold
3 ☐ Other
x1 ☐ DK

9. Do . . .'s payments usually come on the first of the month or the third?

3266 1 ☐ First
2 ☐ Third
3 ☐ Other
x1 ☐ DK

CHECK ITEM A8 — *Refer to item 2, page 26*
Were (Social Security/Railroad Retirement) payments received especially for the children?

3268 1 ☐ Yes
2 ☐ No — *SKIP to next ISS Code or Check Item P1, page 45*

10a. Were Social Security (Railroad Retirement) payments received for the children in *(Read each month)*

10b. *If "Yes" in 10a* — **How much was received?**

10a		10b
Last month	3270 1 ☐ Yes 2 ☐ No x1 ☐ DK	3272 $ ____ . 00 x1 ☐ DK x2 ☐ Ref.
2 months ago	3274 1 ☐ Yes 2 ☐ No x1 ☐ DK	3276 $ ____ . 00 x1 ☐ DK x2 ☐ Ref.
3 months ago	3278 1 ☐ Yes 2 ☐ No x1 ☐ DK	3280 $ ____ . 00 x1 ☐ DK x2 ☐ Ref.
4 months ago	3282 1 ☐ Yes 2 ☐ No x1 ☐ DK	3284 $ ____ . 00 x1 ☐ DK x2 ☐ Ref.

VERIFY IF ONLY ONE CHILD OR ASK —

11a. Were all children living here covered by these payments?

3286 1 ☐ Yes — *SKIP to next ISS Code or Check Item P1, page 45*
2 ☐ No

Section 3 — AMOUNTS (Continued)

Part A — GENERAL AMOUNTS (ISS Codes 1–56) (Continued)

11b. Which children were covered?

	Person No.	Name
3288		
3290		
3292		
3294		
3296		
3298		

SKIP to next ISS Code or Check Item P1, page 45

12a. Were all the people living here covered under . . .'s food stamp allotment?

3300 1 ☐ Yes — *SKIP to 13a*
2 ☐ No

b. Which persons were covered?

	Person No.	Name
3302		
3304		
3306		
3308		
3310		
3312		
3314		
3316		
3318		
3320		

13a. Did . . . receive food stamps in *(Read each month)*?		**13b.** *If "Yes" in 13a, ask —* **What was the total amount?**
Last month	3322 1 ☐ Yes 2 ☐ No X1 ☐ DK	3324 $ ____ . 00 X1 ☐ DK X2 ☐ Ref.
2 months ago	3326 1 ☐ Yes 2 ☐ No X1 ☐ DK	3328 $ ____ . 00 X1 ☐ DK X2 ☐ Ref.
3 months ago	3330 1 ☐ Yes 2 ☐ No X1 ☐ DK	3332 $ ____ . 00 X1 ☐ DK X2 ☐ Ref.
4 months ago	3334 1 ☐ Yes 2 ☐ No X1 ☐ DK	3336 $ ____ . 00 X1 ☐ DK X2 ☐ Ref.

SKIP to next ISS Code or Check Item P1, page 45

14. Did . . . receive any WIC vouchers in *(Read each month)*?
Mark (X) all that apply.

3338 1 ☐ Last month
3340 2 ☐ 2 months ago
3342 3 ☐ 3 months ago
3344 4 ☐ 4 months ago

SKIP to next ISS Code or Check Item P1, page 45

Section 3 — AMOUNTS

Part A — GENERAL AMOUNTS (ISS Codes 1—56)

1. You said . . . received *(Read name of income type)* **during the 4-month period.**	3400 Income code / Name of income type
CHECK ITEM A1 *Mark (X) income type code.*	3402 1 ☐ ISS code 1 or 2 (SS or RR) 2 ☐ ISS code 25 (WIC) — *SKIP to 14, page 30* 3 ☐ ISS code 27 (Food Stamps) — *SKIP to 12a, page 30* 4 ☐ Other ISS codes — *SKIP to Check Item A4*
CHECK ITEM A2 *Refer to cc item 27.* Is . . . a designated parent, or guardian of children under age 18?	3404 1 ☐ Yes 2 ☐ No — *SKIP to Check Item A3*
2. During this 4-month period, were any separate payments from (Social Security/Railroad Retirement) received especially for the children?	3406 1 ☐ Yes 2 ☐ No — *SKIP to Check Item A3*
3. Did . . . also receive a separate payment for (himself/herself) during any of these months?	3408 1 ☐ Yes 2 ☐ No — *SKIP to 10a*
CHECK ITEM A3 Is . . . married?	3410 1 ☐ Yes 2 ☐ No — *SKIP to 5a*
4. Did . . . receive Social Security (Railroad Retirement) jointly with . . .'s spouse?	3412 1 ☐ Yes 2 ☐ No — *SKIP to 5a*
CHECK ITEM A4 Has information about the amount received by . . . from the income source entered in 1 already been recorded during an interview for . . .'s spouse?	3414 1 ☐ Yes — *SKIP to next ISS Code or Check Item P1, page 45* 2 ☐ No

5a. Did . . . receive any *(Read name of income type)* **in** *(Read each month)*?

NOTE — Some persons receive more than one payment per month for certain income types such as Unemployment Compensation and AFDC.

5b. How much did . . . receive in *(Read each month marked "Yes" in 5a)*? **Please answer by giving the total amount each month before any deductions.**

	5a	5b
Last month	3416 1 ☐ Yes 2 ☐ No X1 ☐ DK	3418 $ ____ . 00 X1 ☐ DK X2 ☐ Ref.
2 months ago	3420 1 ☐ Yes 2 ☐ No X1 ☐ DK	3422 $ ____ . 00 X1 ☐ DK X2 ☐ Ref.
3 months ago	3424 1 ☐ Yes 2 ☐ No X1 ☐ DK	3426 $ ____ . 00 X1 ☐ DK X2 ☐ Ref.
4 months ago	3428 1 ☐ Yes 2 ☐ No X1 ☐ DK	3430 $ ____ . 00 X1 ☐ DK X2 ☐ Ref.

CHECK ITEM A5 *Mark (X) income type code.*	3432 1 ☐ ISS code 1 or 2 — *SKIP to Check Item A7* 2 ☐ ISS code 8 or 20 through 24 3 ☐ All other income codes — *SKIP to next ISS Code or Check Item P1, page 45*
6a. Were all the people living here covered by . . .'s payments?	3434 1 ☐ Yes — *SKIP to Check Item A8* 2 ☐ No

NOTES

Section 3 – AMOUNTS (Continued)

Part A – GENERAL AMOUNTS (ISS Codes 1–55) (Continued)

6b. Which persons were covered?

	Person No.	Name
3436		
3438		
3440		
3442		
3444		
3446		
3448		
3450		
3452		
3454		

CHECK ITEM A6 Is this ISS code "8"?

3456 1 ☐ Yes
2 ☐ No *SKIP to next ISS Code or Check Item P1, page 45*

7. Is . . . required to fill out an annual income questionnaire for the Veterans Administration?

3460 1 ☐ Yes
2 ☐ No
X1 ☐ DK
} *SKIP to next ISS Code or Check Item P1, page 45*

CHECK ITEM A7 Was this ISS code marked for . . . in cc Item 45 last reference period?

3462 1 ☐ Yes – *SKIP to Check Item A8*
2 ☐ No

(SHOW FLASHCARD O)

8. Social Security (Railroad Retirement) sends out two types of checks. Please look at this card and tell me which color check . . . receives?

3464 1 ☐ Green
2 ☐ Gold
3 ☐ Other
X1 ☐ DK

9. Do . . .'s payments usually come on the first of the month or the third?

3466 1 ☐ First
2 ☐ Third
3 ☐ Other
X1 ☐ DK

CHECK ITEM A8 *Refer to item 2, page 28.* Were (Social Security/Railroad Retirement) payments received especially for the children?

3468 1 ☐ Yes
2 ☐ No – *SKIP to next ISS Code or Check Item P1, page 45*

10a. Were Social Security (Railroad Retirement) payments received for the children in *(Read each month)*?			**10b.** *If "Yes" in 10a* – **How much was received?**	
Last month	3470	1 ☐ Yes 2 ☐ No X1 ☐ DK	3472	$. 00 X1 ☐ DK X2 ☐ Ref.
2 months ago	3474	1 ☐ Yes 2 ☐ No X1 ☐ DK	3476	$. 00 X1 ☐ DK X2 ☐ Ref.
3 months ago	3478	1 ☐ Yes 2 ☐ No X1 ☐ DK	3480	$. 00 X1 ☐ DK X2 ☐ Ref.
4 months ago	3482	1 ☐ Yes 2 ☐ No X1 ☐ DK	3484	$. 00 X1 ☐ DK X2 ☐ Ref.

VERIFY IF ONLY ONE CHILD OR ASK –

11a. Were all children living here covered by these payments?

3486 1 ☐ Yes – *SKIP to next ISS Code or Check Item P1, page 45*
2 ☐ No

Section 3 — AMOUNTS (Continued)

Part A — GENERAL AMOUNTS (ISS Codes 1 – 56) (Continued)

11b. Which children were covered?

	Person No.	Name
3488		
3490		
3492		
3494		
3496		
3498		

SKIP to next ISS Code or Check Item P1, page 45

12a. Were all the people living here covered under . . .'s food stamp allotment?

3500 1 ☐ Yes — *SKIP to 13a*
2 ☐ No

b. Which persons were covered?

	Person No.	Name
3502		
3504		
3506		
3508		
3510		
3512		
3514		
3516		
3518		
3520		

13a. Did . . . receive food stamps in *(Read each month)*?		**13b.** *If "Yes" in 13a, ask —* **What was the total amount?**
Last month	3522 1 ☐ Yes 2 ☐ No x1 ☐ DK	3524 $ ____ . 00 x1 ☐ DK x2 ☐ Ref.
2 months ago	3526 1 ☐ Yes 2 ☐ No x1 ☐ DK	3528 $ ____ . 00 x1 ☐ DK x2 ☐ Ref.
3 months ago	3530 1 ☐ Yes 2 ☐ No x1 ☐ DK	3532 $ ____ . 00 x1 ☐ DK x2 ☐ Ref.
4 months ago	3534 1 ☐ Yes 2 ☐ No x1 ☐ DK	3536 $ ____ . 00 x1 ☐ DK x2 ☐ Ref.

SKIP to next ISS Code or Check Item P1, page 45

14. Did . . . receive any WIC vouchers in *(Read each month)*?
Mark (X) all that apply.

3538 1 ☐ Last month
3540 2 ☐ 2 months ago
3542 3 ☐ 3 months ago
3544 4 ☐ 4 months ago

SKIP to next ISS Code or Check Item P1, page 45

Section 3 — AMOUNTS

Part A — GENERAL AMOUNTS (ISS Codes 1 – 56)

1. You said . . . received *(Read name of income type)* **during the 4-month period.**	3600	Income code / Name of income type
CHECK ITEM A1 *Mark (X) income type code.*	3602	1 ☐ ISS code 1 or 2 (SS or RR) 2 ☐ ISS code 25 (WIC) — *SKIP to 14, page 33* 3 ☐ ISS code 27 (Food Stamps) — *SKIP to 12a, page 33* 4 ☐ Other ISS codes — *SKIP to Check Item A4*
CHECK ITEM A2 *Refer to cc item 27.* Is . . . a designated parent, or guardian of children under age 18?	3604	1 ☐ Yes 2 ☐ No — *SKIP to Check Item A3*
2. During this 4-month period, were any separate payments from (Social Security/Railroad Retirement) received especially for the children?	3606	1 ☐ Yes 2 ☐ No — *SKIP to Check Item A3*
3. Did . . . also receive a separate payment for (himself/herself) during any of these months?	3608	1 ☐ Yes 2 ☐ No — *SKIP to 10a*
CHECK ITEM A3 Is . . . married?	3610	1 ☐ Yes 2 ☐ No — *SKIP to 5a*
4. Did . . . receive Social Security (Railroad Retirement) jointly with . . .'s spouse?	3612	1 ☐ Yes 2 ☐ No — *SKIP to 5a*
CHECK ITEM A4 Has information about the amount received by . . . from the income source entered in 1 already been recorded during an interview for . . .'s spouse?	3614	1 ☐ Yes — *SKIP to next ISS Code or Check Item P1, page 45* 2 ☐ No

5a. Did . . . receive any *(Read name of income type)* **in** *(Read each month)*?

NOTE — Some persons receive more than one payment per month for certain income types such as Unemployment Compensation and AFDC.

5b. How much did . . . receive in *(Read each month marked "Yes" in 5a)*? **Please answer by giving the total amount each month before any deductions.**

	5a		5b	
Last month	3616	1 ☐ Yes 2 ☐ No X1 ☐ DK	3618	$ ____ . 00 X1 ☐ DK X2 ☐ Ref.
2 months ago	3620	1 ☐ Yes 2 ☐ No X1 ☐ DK	3622	$ ____ . 00 X1 ☐ DK X2 ☐ Ref.
3 months ago	3624	1 ☐ Yes 2 ☐ No X1 ☐ DK	3626	$ ____ . 00 X1 ☐ DK X2 ☐ Ref.
4 months ago	3628	1 ☐ Yes 2 ☐ No X1 ☐ DK	3630	$ ____ . 00 X1 ☐ DK X2 ☐ Ref.

CHECK ITEM A5 *Mark (X) income type code.*	3632	1 ☐ ISS code 1 or 2 — *SKIP to Check Item A7* 2 ☐ ISS code 8 or 20 through 24 3 ☐ All other income codes — *SKIP to next ISS Code or Check Item P1, page 45*
6a. Were all the people living here covered by . . .'s payments?	3634	1 ☐ Yes — *SKIP to Check Item A6* 2 ☐ No

NOTES

Section 3 — AMOUNTS (Continued)

Part A — GENERAL AMOUNTS (ISS Codes 1 – 56) (Continued)

6b. Which persons were covered?

	Person No.	Name
3636		
3638		
3640		
3642		
3644		
3646		
3648		
3650		
3652		
3654		

CHECK ITEM A6 — Is this ISS code "6"?

3658 — 1 ☐ Yes
2 ☐ No — *SKIP to next ISS Code or Check Item P1, page 45*

7. Is . . . required to fill out an annual income questionnaire for the Veterans Administration?

3660 — 1 ☐ Yes
2 ☐ No } *SKIP to next ISS Code or Check Item P1, page 45*
X1 ☐ DK }

CHECK ITEM A7 — Was this ISS code marked for . . . in cc item 45 last reference period?

3662 — 1 ☐ Yes — *SKIP to Check Item A8*
2 ☐ No

(SHOW FLASHCARD D)

8. Social Security (Railroad Retirement) sends out two types of checks. Please look at this card and tell me which color check . . . receives?

3664 — 1 ☐ Green
2 ☐ Gold
3 ☐ Other
X1 ☐ DK

9. Do . . .'s payments usually come on the first of the month or the third?

3666 — 1 ☐ First
2 ☐ Third
3 ☐ Other
X1 ☐ DK

CHECK ITEM A8 — *Refer to item 2, page 31.* Were (Social Security/Railroad Retirement) payments received **especially for the children?**

3668 — 1 ☐ Yes
2 ☐ No — *SKIP to next ISS Code or Check Item P1, page 45*

10a. Were Social Security (Railroad Retirement) payments received for the children in *(Read each month)*?

10b. *If "Yes" in 10a* — **How much was received?**

10a			10b	
Last month	3670	1 ☐ Yes 2 ☐ No X1 ☐ DK	3672	$ ______ . 00 X1 ☐ DK X2 ☐ Ref.
2 months ago	3674	1 ☐ Yes 2 ☐ No X1 ☐ DK	3676	$ ______ . 00 X1 ☐ DK X2 ☐ Ref.
3 months ago	3678	1 ☐ Yes 2 ☐ No X1 ☐ DK	3680	$ ______ . 00 X1 ☐ DK X2 ☐ Ref.
4 months ago	3682	1 ☐ Yes 2 ☐ No X1 ☐ DK	3684	$ ______ . 00 X1 ☐ DK X2 ☐ Ref.

VERIFY IF ONLY ONE CHILD OR ASK —

11a. Were all children living here covered by these payments?

3686 — 1 ☐ Yes — *SKIP to next ISS Code or Check Item P1, page 45*
2 ☐ No

Section 3 — AMOUNTS (Continued)

Part A — GENERAL AMOUNTS (ISS Codes 1–56) (Continued)

11b. Which children were covered?

	Person No.	Name
3688		
3690		
3692		
3694		
3696		
3698		

SKIP to next ISS Code or Check Item P1, page 45

12a. Were all the people living here covered under . . .'s food stamp allotment?

3700 1 ☐ Yes — *SKIP to 13a*
2 ☐ No

b. Which persons were covered?

	Person No.	Name
3702		
3704		
3706		
3708		
3710		
3712		
3714		
3716		
3718		
3720		

13a. Did . . . receive food stamps in *(Read each month)?*

13b. *If "Yes" in 13a, ask —* **What was the total amount?**

13a			13b	
Last month	3722	1 ☐ Yes 2 ☐ No X1 ☐ DK	3724	$ ____ . 00 X1 ☐ DK X2 ☐ Ref.
2 months ago	3726	1 ☐ Yes 2 ☐ No X1 ☐ DK	3728	$ ____ . 00 X1 ☐ DK X2 ☐ Ref.
3 months ago	3730	1 ☐ Yes 2 ☐ No X1 ☐ DK	3732	$ ____ . 00 X1 ☐ DK X2 ☐ Ref.
4 months ago	3734	1 ☐ Yes 2 ☐ No X1 ☐ DK	3736	$ ____ . 00 X1 ☐ DK X2 ☐ Ref.

SKIP to next ISS Code or Check Item P1, page 45

14. Did . . . receive any WIC vouchers in *(Read each month)?*
Mark (X) all that apply.

3738 1 ☐ Last month
3740 2 ☐ 2 months ago
3742 3 ☐ 3 months ago
3744 4 ☐ 4 months ago

} *SKIP to next ISS Code or Check Item P1, page 45*

Section 3 — AMOUNTS

Part A — GENERAL AMOUNTS (ISS Codes 1—56)

1. You said . . . received *(Read name of income type)* **during the 4-month period.**

3800 Income code ____ Name of income type ____

CHECK ITEM A1 — *Mark (X) income type code.*

3802
1 ☐ ISS code 1 or 2 (SS or RR)
2 ☐ ISS code 26 (WIC) — *SKIP to 14, page 36*
3 ☐ ISS code 27 (Food Stamps) — *SKIP to 12a, page 36*
4 ☐ Other ISS codes — *SKIP to Check Item A4*

CHECK ITEM A2 — *Refer to cc item 27.*
Is . . . a designated parent, or guardian of children under age 18?

3804
1 ☐ Yes
2 ☐ No — *SKIP to Check Item A3*

2. During this 4-month period, were any separate payments from (Social Security/Railroad Retirement) received especially for the children?

3806
1 ☐ Yes
2 ☐ No — *SKIP to Check Item A3*

3. Did . . . also receive a separate payment for (himself/herself) during any of those months?

3808
1 ☐ Yes
2 ☐ No — *SKIP to 10a*

CHECK ITEM A3 — Is . . . married?

3810
1 ☐ Yes
2 ☐ No — *SKIP to 5a*

4. Did . . . receive Social Security (Railroad Retirement) jointly with . . .'s spouse?

3812
1 ☐ Yes
2 ☐ No — *SKIP to 5a*

CHECK ITEM A4 — Has information about the amount received by . . . from the income source entered in 1 already been recorded during an interview for . . .'s spouse?

3814
1 ☐ Yes — *SKIP to next ISS Code or Check Item P1, page 45*
2 ☐ No

5a. Did . . . receive any *(Read name of income type)* **in** *(Read each month)*?

NOTE — Some persons receive more than one payment per month for certain income types such as Unemployment Compensation and AFDC.

5b. How much did . . . receive in *(Read each month marked "Yes" in 5a)*? **Please answer by giving the total amount each month before any deductions.**

	5a	5b
Last month	3816 1 ☐ Yes 2 ☐ No X1 ☐ DK	3818 $ ____ . 00 X1 ☐ DK X2 ☐ Ref.
2 months ago	3820 1 ☐ Yes 2 ☐ No X1 ☐ DK	3822 $ ____ . 00 X1 ☐ DK X2 ☐ Ref.
3 months ago	3824 1 ☐ Yes 2 ☐ No X1 ☐ DK	3826 $ ____ . 00 X1 ☐ DK X2 ☐ Ref.
4 months ago	3828 1 ☐ Yes 2 ☐ No X1 ☐ DK	3830 $ ____ . 00 X1 ☐ DK X2 ☐ Ref.

CHECK ITEM A5 — *Mark (X) income type code.*

3832
1 ☐ ISS code 1 or 2 — *SKIP to Check Item A7*
2 ☐ ISS code 3 or 20 through 24
3 ☐ All other income codes — *SKIP to next ISS Code or Check Item P1, page 45*

6a. Were all the people living here covered by . . .'s payments?

3834
1 ☐ Yes — *SKIP to Check Item A6*
2 ☐ No

NOTES

Section 3 — AMOUNTS (Continued)

Part A — GENERAL AMOUNTS (ISS Codes 1 — 88) (Continued)

6b. Which persons were covered?

	Person No.	Name
3836		
3838		
3840		
3842		
3844		
3846		
3848		
3850		
3852		
3854		

CHECK ITEM A6 — Is this ISS code "8"?

3856
1 ☐ Yes
2 ☐ No — *SKIP to next ISS Code or Check Item P1, page 45*

7. Is . . . required to fill out an annual income questionnaire for the Veterans Administration?

3860
1 ☐ Yes
2 ☐ No
X1 ☐ DK
} *SKIP to next ISS Code or Check Item P1, page 45*

CHECK ITEM A7 — Was this ISS code marked for . . . in cc item 45 last reference period?

3862
1 ☐ Yes — *SKIP to Check Item A8*
2 ☐ No

(SHOW FLASHCARD O)

8. Social Security (Railroad Retirement) sends out two types of checks. Please look at this card and tell me which color check . . . receives?

3864
1 ☐ Green
2 ☐ Gold
3 ☐ Other
X1 ☐ DK

9. Do . . .'s payments usually come on the first of the month or the third?

3866
1 ☐ First
2 ☐ Third
3 ☐ Other
X1 ☐ DK

CHECK ITEM A8 — *Refer to item 2, page 34.* Were (Social Security/Railroad Retirement) payments received especially for the children?

3868
1 ☐ Yes
2 ☐ No — *SKIP to next ISS Code or Check Item P1, page 45*

10a. Were Social Security (Railroad Retirement) payments received for the children in *(Read each month)*

10b. *If "Yes" in 10a —* **How much was received?**

10a			10b	
Last month	3870	1 ☐ Yes 2 ☐ No X1 ☐ DK	3872	$ ______ . 00 X1 ☐ DK X2 ☐ Ref.
2 months ago	3874	1 ☐ Yes 2 ☐ No X1 ☐ DK	3876	$ ______ . 00 X1 ☐ DK X2 ☐ Ref.
3 months ago	3878	1 ☐ Yes 2 ☐ No X1 ☐ DK	3880	$ ______ . 00 X1 ☐ DK X2 ☐ Ref.
4 months ago	3882	1 ☐ Yes 2 ☐ No X1 ☐ DK	3884	$ ______ . 00 X1 ☐ DK X2 ☐ Ref.

VERIFY IF ONLY ONE CHILD OR ASK —

11a. Were all children living here covered by these payments?

3886
1 ☐ Yes — *SKIP to next ISS Code or Check Item P1, page 45*
2 ☐ No

Section 3 — AMOUNTS (Continued)

Part A — GENERAL AMOUNTS (ISS Codes 1 – 56) (Continued)

11b. Which children were covered?

	Person No.	Name
3888		
3890		
3892		
3894		
3896		
3898		

SKIP to next ISS Code or Check Item P1, page 45

12a. Were all the people living here covered under . . .'s food stamp allotment?

3900 1 ☐ Yes — *SKIP to 13a*
2 ☐ No

b. Which persons were covered?

	Person No.	Name
3902		
3904		
3906		
3908		
3910		
3912		
3914		
3916		
3918		
3920		

13a. Did . . . receive food stamps in *(Read each month)*?		**13b.** *If "Yes" in 13a, ask —* **What was the total amount?**
Last month	3922 1 ☐ Yes 2 ☐ No x1 ☐ DK	3924 $ ______ . 00 x1 ☐ DK x2 ☐ Ref.
2 months ago	3926 1 ☐ Yes 2 ☐ No x1 ☐ DK	3928 $ ______ . 00 x1 ☐ DK x2 ☐ Ref.
3 months ago	3930 1 ☐ Yes 2 ☐ No x1 ☐ DK	3932 $ ______ . 00 x1 ☐ DK x2 ☐ Ref.
4 months ago	3934 1 ☐ Yes 2 ☐ No x1 ☐ DK	3936 $ ______ . 00 x1 ☐ DK x2 ☐ Ref.

SKIP to next ISS Code or Check Item P1, page 45

14. Did . . . receive any WIC vouchers in *(Read each month)*?
Mark (X) all that apply.

3938 1 ☐ Last month
3940 2 ☐ 2 months ago
3942 3 ☐ 3 months ago
3944 4 ☐ 4 months ago

SKIP to next ISS Code or Check Item P1, page 45

Section 3 — AMOUNTS

Part A — GENERAL AMOUNTS (ISS Codes 1—56)

1. You said . . . received *(Read name of income type)* **during the 4-month period.**	4000 Income code ___ Name of income type ___
CHECK ITEM A1 *Mark (X) income type code.*	4002 1 ☐ ISS code 1 or 2 (SS or RR) 2 ☐ ISS code 26 (WIC) — *SKIP to 14, page 39* 3 ☐ ISS code 27 (Food Stamps) — *SKIP to 12a, page 39* 4 ☐ Other ISS codes — *SKIP to Check Item A4*
CHECK ITEM A2 *Refer to cc item 27.* Is . . . a designated parent, or guardian of children under age 18?	4004 1 ☐ Yes 2 ☐ No — *SKIP to Check Item A3*
2. During this 4-month period, were any separate payments from (Social Security/Railroad Retirement) received especially for the children?	4006 1 ☐ Yes 2 ☐ No — *SKIP to Check Item A3*
3. Did . . . also receive a separate payment for (himself/herself) during any of these months?	4008 1 ☐ Yes 2 ☐ No — *SKIP to 10a*
CHECK ITEM A3 Is . . . married?	4010 1 ☐ Yes 2 ☐ No — *SKIP to 5a*
4. Did . . . receive Social Security (Railroad Retirement) jointly with . . .'s spouse?	4012 1 ☐ Yes 2 ☐ No — *SKIP to 5a*
CHECK ITEM A4 Has information about the amount received by . . . from the income source entered in 1 already been recorded during an interview for . . .'s spouse?	4014 1 ☐ Yes — *SKIP to next ISS Code or Check Item P1, page 45* 2 ☐ No

5a. Did . . . receive any *(Read name of income type)* **in** *(Read each month)***?** NOTE — Some persons receive more than one payment per month for certain income types such as Unemployment Compensation and AFDC.		**5b. How much did . . . receive in** *(Read each month marked "Yes" in 5a)***? Please answer by giving the total amount each month before any deductions.**
Last month	4018 1 ☐ Yes 2 ☐ No X1 ☐ DK	4016 $ ___ . 00 X1 ☐ DK X2 ☐ Ref.
2 months ago	4020 1 ☐ Yes 2 ☐ No X1 ☐ DK	4022 $ ___ . 00 X1 ☐ DK X2 ☐ Ref.
3 months ago	4024 1 ☐ Yes 2 ☐ No X1 ☐ DK	4026 $ ___ . 00 X1 ☐ DK X2 ☐ Ref.
4 months ago	4028 1 ☐ Yes 2 ☐ No X1 ☐ DK	4030 $ ___ . 00 X1 ☐ DK X2 ☐ Ref.

CHECK ITEM A5 *Mark (X) income type code.*	4032 1 ☐ ISS code 1 or 2 — *SKIP to Check Item A7* 2 ☐ ISS code 8 or 20 through 24 3 ☐ All other income codes — *SKIP to next ISS Code or Check Item P1, page 45*
6a. Were all the people living here covered by . . .'s payments?	4034 1 ☐ Yes *SKIP to Check Item A6* 2 ☐ No

NOTES

Section 3 — AMOUNTS (Continued)

Part A — GENERAL AMOUNTS (ISS Codes 1—56) (Continued)

6b. Which persons were covered?

	Person No.	Name
4036		
4038		
4040		
4042		
4044		
4046		
4048		
4050		
4052		
4054		

CHECK ITEM A6 — Is this ISS code "8"?

4058 1 ☐ Yes
2 ☐ No — *SKIP to next ISS Code or Check Item P1, page 45*

7. Is . . . required to fill out an annual income questionnaire for the Veterans Administration?

4060 1 ☐ Yes
2 ☐ No
X1 ☐ DK
} *SKIP to next ISS Code or Check Item P1, page 45*

CHECK ITEM A7 — Was this ISS code marked for . . . in cc Item 45 last reference period?

4062 1 ☐ Yes — *SKIP to Check Item A8*
2 ☐ No

(SHOW FLASHCARD O)

8. Social Security (Railroad Retirement) sends out two types of checks. Please look at this card and tell me which color check . . . receives?

4064 1 ☐ Green
2 ☐ Gold
3 ☐ Other
X1 ☐ DK

9. Do . . .'s payments usually come on the first of the month or the third?

4066 1 ☐ First
2 ☐ Third
3 ☐ Other
X1 ☐ DK

CHECK ITEM A8 — *Refer to item 2, page 37.* **Were** (Social Security/Railroad Retirement) **payments received especially for the children?**

4068 1 ☐ Yes
2 ☐ No — *SKIP to next ISS Code or Check Item P1, page 45*

10a. Were Social Security (Railroad Retirement) payments received for the children in *(Read each month)*?

10b. *If "Yes" in 10a* — **How much was received?**

10a		10b	
Last month	4070 1 ☐ Yes 2 ☐ No X1 ☐ DK	4072	$ ____ . 00 X1 ☐ DK X2 ☐ Ref.
2 months ago	4074 1 ☐ Yes 2 ☐ No X1 ☐ DK	4076	$ ____ . 00 X1 ☐ DK X2 ☐ Ref.
3 months ago	4078 1 ☐ Yes 2 ☐ No X1 ☐ DK	4080	$ ____ . 00 X1 ☐ DK X2 ☐ Ref.
4 months ago	4082 1 ☐ Yes 2 ☐ No X1 ☐ DK	4084	$ ____ . 00 X1 ☐ DK X2 ☐ Ref.

VERIFY IF ONLY ONE CHILD OR ASK —

11a. Were all children living here covered by these payments?

4086 1 ☐ Yes — *SKIP to next ISS Code or Check Item P1, page 45*
2 ☐ No

Section 3 — AMOUNTS (Continued)

Part A — GENERAL AMOUNTS (ISS Codes 1 – 56) (Continued)

11b. Which children were covered?

	Person No.	Name
4088		
4090		
4092		
4094		
4096		
4098		

SKIP to next ISS Code or Check Item P1, page 45

12a. Were all the people living here covered under ...'s food stamp allotment?

4100 1 ☐ Yes — *SKIP to 13a*
2 ☐ No

b. Which persons were covered?

	Person No.	Name
4102		
4104		
4106		
4108		
4110		
4112		
4114		
4116		
4118		
4120		

13a. Did ... receive food stamps in *(Read each month)*?

13b. *If "Yes" in 13a, ask —* **What was the total amount?**

	13a		13b	
Last month	4122	1 ☐ Yes 2 ☐ No X1 ☐ DK	4124	$ ____ . 00 X1 ☐ DK X2 ☐ Ref.
2 months ago	4126	1 ☐ Yes 2 ☐ No X1 ☐ DK	4128	$ ____ . 00 X1 ☐ DK X2 ☐ Ref.
3 months ago	4130	1 ☐ Yes 2 ☐ No X1 ☐ DK	4132	$ ____ . 00 X1 ☐ DK X2 ☐ Ref.
4 months ago	4134	1 ☐ Yes 2 ☐ No X1 ☐ DK	4136	$ ____ . 00 X1 ☐ DK X2 ☐ Ref.

SKIP to next ISS Code or Check Item P1, page 45

14. Did ... receive any WIC vouchers in *(Read each month)*?

Mark (X) all that apply.

4138	1 ☐ Last month	*SKIP to next ISS Code or Check Item P1, page 45*
4140	2 ☐ 2 months ago	
4142	3 ☐ 3 months ago	
4144	4 ☐ 4 months ago	

Section 3 — AMOUNTS (Continued)

Part B — SAVINGS ACCOUNTS, MONEY MARKET DEPOSIT ACCOUNTS, CERTIFICATES OF DEPOSIT, AND NOW ACCOUNTS (ISS Codes 100, 101, 102 and 103)

CHECK ITEM A9 Asset types owned. *Mark (X) all that apply.*

4300 1 ☐ ISS Code 100 – Regular/Passbook Savings Accounts
4302 2 ☐ ISS Code 101 — Money Market Deposit Accounts
4304 3 ☐ ISS Code 102 — Certificates of Deposit or other Savings Certificates
4306 4 ☐ ISS Code 103 — NOW, Super NOW or other interest-earning checking accounts

1. Earlier you said that . . . had *(Read names of owned assets).*

CHECK ITEM A10 Interview status of . . .'s spouse.

4308 1 ☐ No spouse in household — *SKIP to 3b*
2 ☐ Interview for spouse not yet conducted
3 ☐ Interview for spouse already conducted — *SKIP to 3a*

2a. Did . . . own any of these jointly with . . .'s (husband/wife)?

4310 1 ☐ Yes
2 ☐ No *SKIP to 3b*

b. What is your best estimate of the total amount of interest earned on these jointly held *(Read asset types)* **during the 4-month period?**

4312 $ ______ . 00 — *SKIP to 3a*
x1 ☐ DK
x2 ☐ Ref — *SKIP to next ISS Code or Check Item P1, page 45*

c. What is your best estimate of the average amount that . . . and . . .'s (husband/wife) had in these jointly held *(Read asset types)* **during the 4-month period?** ★

4314 $ ______ . 00 — *SKIP to 3a*
x1 ☐ DK
x2 ☐ Ref — *SKIP to next ISS Code or Check Item P1, page 45*

d. If I were to call back later would you be able to provide me with an estimate of the average amount? (This information is especially important for the purposes of this survey.)

4316 1 ☐ Yes — *Mark Reminder Card, item 5*
2 ☐ No

3a. Besides any *(Read asset types)* **owned jointly with . . .'s (husband/wife), did . . . have any other** *(Read asset types)***?**

4318 1 ☐ Yes
2 ☐ No — *SKIP to next ISS Code or Check Item P1, page 45*

b. What is your best estimate of the total amount of interest . . . earned on these *(Read asset types)* **during the 4-month period?**

4320 $ ______ . 00 — *SKIP to next ISS Code or Check Item P1, page 45*
x1 ☐ DK
x2 ☐ Ref — *SKIP to next ISS Code or Check Item P1, page 45*

c. What is your best estimate of the average amount that . . . had in these *(Read asset types)* **during the 4-month period?** ★

4322 $ ______ . 00 — *SKIP to next ISS Code or Check Item P1, page 45*
x1 ☐ DK
x2 ☐ Ref. — *SKIP to next ISS Code or Check Item P1, page 45*

d. If I were to call back later would you be able to provide me with an estimate of the average amount? (This information is especially important for the purposes of this survey.)

4324 1 ☐ Yes — *Mark Reminder Card, item 5*
☐ No
} *SKIP to next ISS Code or Check Item P1, page 45*

NOTES

Section 3 — AMOUNTS (Continued)

Part C — OTHER INTEREST-EARNING ASSETS (ISS Codes 104, 105, 106 and 107)

CHECK ITEM A11 Asset types owned. *Mark (X) all that apply.*

4400 1 ☐ ISS Code 104 — Money market funds
4402 2 ☐ ISS Code 105 — U.S. Government securities
4404 3 ☐ ISS Code 106 — Municipal or corporate bonds
4406 4 ☐ ISS Code 107 — Other interest-earning assets — *Specify*

1. **Earlier you said that . . . owned** *(Read names of owned assets).*

CHECK ITEM A12 Interview status of . . .'s spouse.

4408 1 ☐ No spouse in household — *SKIP to 3b*
2 ☐ Interview for spouse not yet conducted
3 ☐ Interview for spouse already conducted — *SKIP to 3a*

2a. **Did . . . own any of these jointly with . . .'s (husband/wife)?**

4410 1 ☐ Yes
2 ☐ No — *SKIP to 3b*

b. **What is your best estimate of the total amount of interest earned on these jointly held** *(Read asset types)* **during the 4-month period?**

4412 $ ______ . 00 — *SKIP to 3a*
x1 ☐ DK
x2 ☐ Ref. — *SKIP to next ISS Code or Check Item P1, page 45*

c. **What is your best estimate of the average amount that . . . and . . .'s (husband/wife) had in these jointly held** *(Read asset types)* **during the 4-month period?** ★

4414 $ ______ . 00 — *SKIP to 3a*
x1 ☐ DK
x2 ☐ Ref. — *SKIP to next ISS Code or Check Item P1, page 45*

d. **If I were to call back later would you be able to provide me with an estimate of the average amount? (This information is especially important for the purposes of this survey.)**

4416 1 ☐ Yes — *Mark Reminder Card, Item 7*
2 ☐ No

3a. **Besides any** *(Read asset types)* **owned jointly with . . .'s (husband/wife), did . . . own any other** *(Read asset types)*?

4418 1 ☐ Yes
2 ☐ No — *SKIP to next ISS Code or Check Item P1, page 45*

b. **What is your best estimate of the total amount of interest . . . earned on these** *(Read asset types)* **during the 4-month period?**

4420 $ ______ . 00 — *SKIP to next ISS Code or Check Item P1, page 45*
x1 ☐ DK
x2 ☐ Ref. — *SKIP to next ISS Code or Check Item P1, page 45*

c. **What is your best estimate of the average amount that . . . had in these** *(Read asset types)* **during the 4-month period?** ★

4422 $ ______ . 00 — *SKIP to next ISS Code or Check Item P1, page 45*
x1 ☐ DK
x2 ☐ Ref. — *SKIP to next ISS Code or Check Item P1, page 45*

d. **If I were to call back later would you be able to provide me with an estimate of the average amount? (This information is especially important for the purposes of this survey.)**

4424 1 ☐ Yes — *Mark Reminder Card, Item 8*
2 ☐ No
} *SKIP to next ISS Code or Check Item P1, page 45*

NOTES

Section 3 — AMOUNTS (Continued)

Part D — STOCKS AND MUTUAL FUND SHARES (ISS Code 110)

1a. Earlier you told me that . . . owned stocks or mutual fund shares. Did . . . receive any dividend checks during these 4 months? (Include checks made out jointly to . . . and . . .'s spouse.)

4500
1 ☐ Yes
2 ☐ No } SKIP to 3a
X1 ☐ DK }

CHECK ITEM A13 Interview status of . . .'s spouse.

4502
1 ☐ No spouse in household — *SKIP to 2a*
2 ☐ Interview for spouse not yet conducted
3 ☐ Interview for spouse already conducted — *SKIP to 2a*

1b. During the past 4 months how much was received in dividend checks made out jointly to . . . and . . .'s (husband/wife)? ★

4504 $ ______ . 00 — *SKIP to 2a*
X3 ☐ None — *SKIP to 2a*
X1 ☐ DK
X2 ☐ Ref. — *SKIP to next ISS Code or Check Item P1, page 45*

c. If I were to call back later would you be able to provide me with an estimate? (This information is especially important for the purposes of this survey.)

4506
1 ☐ Yes — *Mark Reminder Card, item 9*
2 ☐ No

2a. During this 4-month period, how much did . . . receive in dividend checks (in . . .'s name only)? ★

4508 $ ______ . 00 — *SKIP to 3a*
X3 ☐ None — *SKIP to 3a*
X1 ☐ DK
X2 ☐ Ref. — *SKIP to next ISS Code or Check Item P1, page 45*

b. If I were to call back later would you be able to provide me with an estimate? (This information is especially important for the purposes of this survey.)

4510
1 ☐ Yes — *Mark Reminder Card, item 10*
2 ☐ No

3a. (Besides the money that . . . received in dividends) did . . . earn any (other) dividends that were credited against a margin account or automatically reinvested in additional shares of stock?

4512
1 ☐ Yes
2 ☐ No } *SKIP to next ISS Code or*
X1 ☐ DK } *Check Item P1, page 45*

CHECK ITEM A14 Interview status of . . .'s spouse.

4514
1 ☐ No spouse in household — *SKIP to 3c*
2 ☐ Interview for spouse not yet conducted
3 ☐ Interview for spouse already conducted — *SKIP to 3c*

3b. During the 4-month period how much of these kinds of dividends did . . . earn jointly with . . .'s (husband/wife)?

4516 $ ______ . 00
X3 ☐ None
X1 ☐ DK
X2 ☐ Ref. — *SKIP to next ISS Code or Check Item P1, page 45*

c. During the 4-month period, how much of these kinds of dividends did . . . earn (in . . .'s name only)?

4518 $ ______ . 00
X3 ☐ None
X1 ☐ DK
X2 ☐ Ref.
} *SKIP to next ISS Code or Check Item P1, page 45*

NOTES

Section 3 — AMOUNTS (Continued)

Part E — RENTAL INCOME (ISS Code 120)

1.	**Earlier you told me that . . . owned some rental property.**	
CHECK ITEM A15	Interview status of . . .'s spouse.	4600 1 ☐ *No spouse in household — SKIP to 3a* 2 ☐ Interview for spouse not yet conducted 3 ☐ Interview for spouse already conducted — *SKIP to 3a*
2a.	**Did . . . receive any rental income from property owned jointly by . . . and . . .'s (husband/wife)?** *Include only property owned entirely by couple.*	4602 1 ☐ Yes 2 ☐ No — *SKIP to 3a*
b.	**About how much was received in gross rent from this property during the 4-month period?**	4604 $ ____ . 00 x1 ☐ DK x2 ☐ Ref — *SKIP to next ISS Code or Check Item P1, page 45*
c.	**What is your best estimate of the amount that was cleared after expenses?** *Enter $1 in amount box if respondent reports "broke even."*	4606 $ ____ . 00 x1 ☐ DK x2 ☐ Ref. — *SKIP to next ISS Code or Check Item P1, page 45* 4608 x4 ☐ Lost money — *Enter amount of loss in box*
3a.	**Did . . . receive rental income from property owned entirely in . . .'s own name?**	4610 1 ☐ Yes 2 ☐ No — *SKIP to 4a*
b.	**About how much was received in gross rent from this property during the 4-month period?**	4612 $ ____ . 00 x1 ☐ DK x2 ☐ Ref. — *SKIP to next ISS Code or Check Item P1, page 45*
c.	**What is your best estimate of the amount that was cleared after expenses?** *Enter $1 in amount box if respondent reports "broke even."*	4614 $ ____ . 00 x1 ☐ DK x2 ☐ Ref. — *SKIP to next ISS Code or Check Item P1, page 45* 4616 x4 ☐ Lost money — *Enter amount of loss in box*
4a.	**Did . . . receive any rental income from property owned jointly with others? (Not including property owned entirely by . . . and . . .'s spouse.)**	4618 1 ☐ Yes 2 ☐ No — *SKIP to next ISS code or Check Item P1, page 45*
b.	**What is your best estimate of . . .'s share of the amount cleared on this property during the last 4 months?** *Enter $1 in amount box if respondent reports "broke even."*	4620 $ ____ . 00 x1 ☐ DK x2 ☐ Ref. 4622 x4 ☐ Lost money — *Enter amount of loss in box* } *SKIP to next ISS Code or Check Item P1, page 45*

NOTES

Section 3 — AMOUNTS (Continued)

Part F — MORTGAGES, ROYALTIES AND OTHER FINANCIAL INVESTMENTS (ISS Codes 130, 140, and 150)

CHECK ITEM A16 Asset types owned.
Mark (X) all that apply.

4700 1 ☐ ISS Code 130 — Mortgages
4702 2 ☐ ISS Code 140 — Royalties
4704 3 ☐ ISS Code 150 — Other financial investments

CHECK ITEM A17 Is ISS Code 130 marked in Check Item A16?

4706 1 ☐ Yes
2 ☐ No — *SKIP to 3*

CHECK ITEM A18 Interview status of . . .'s spouse.

4708 1 ☐ No spouse in household — *SKIP to 2b*
2 ☐ Interview for spouse not yet conducted
3 ☐ Interview for spouse already conducted — *SKIP to 2a*

1a. Earlier you said . . . held a mortgage. Did . . . own this jointly with . . .'s spouse?

4710 1 ☐ Yes
2 ☐ No — *SKIP to 2b*

b. During the past 4 months how much interest was paid to . . . and . . .'s spouse by the borrower?

4712 $ ______ . 00
x3 ☐ None
x1 ☐ DK
x2 ☐ Ref.

2a. (Besides these jointly held mortgages), did . . . hold any mortgages in . . .'s own name?

4714 1 ☐ Yes
2 ☐ No — *SKIP to Check Item A19*

b. (Earlier you said that . . . held a mortgage.) During the past 4 months how much interest was paid to . . . by the borrower?

4716 $ ______ . 00
x3 ☐ None
x1 ☐ DK
x2 ☐ Ref.

CHECK ITEM A19 Is ISS Code 140 or 150 marked in Check Item A16?

4718 1 ☐ Yes
2 ☐ No — *SKIP to Check Item P1*

3. Earlier you said . . . had *(Read asset types)*. **During the past 4 months, how much income did . . . receive from these** *(Read asset types)*?

If income was shared, count only . . .'s share.

4720 $ ______ . 00
x3 ☐ None
x1 ☐ DK
x2 ☐ Ref.
4722 x4 ☐ Lost money — *Enter amount of loss in box*

NOTES

Section 4 — PROGRAM QUESTIONS

CHECK ITEM P1	Is this the reference person's questionnaire?	4800	1 ☐ Yes 2 ☐ No – *SKIP to Check Item T1, page 46*
1a.	**The government has an energy assistance program which helps pay heating and cooling costs. This assistance can be received by the household or it can be paid directly to the electric or gas company, fuel dealer, or landlord. Has this household received assistance of this type during the past 4 months?**	4818	1 ☐ Yes 2 ☐ No – *SKIP to Check Item P2*
b.	**Was this assistance received in the form of checks, coupons or vouchers sent to this household or were the payments sent directly to a utility company, fuel dealer, or landlord?** *Mark (X) all that apply.*	4818 4820 4822	1 ☐ Checks sent to household 2 ☐ Coupons or vouchers sent to household 3 ☐ Payments sent directly to utility company, fuel dealer, or landlord
c.	**What was the total amount of the energy assistance received by this household during the past 4 months?**	4824	$ ______ . 00 x1 ☐ DK
CHECK ITEM P2	Are there any children 5 to 18 who live in the household?	4826	1 ☐ Yes 2 ☐ No – *SKIP to Check Item T1, page 46*
2a.	**Do any of the children in this household usually eat a complete hot lunch offered at school?**	4828	1 ☐ Yes 2 ☐ No – *SKIP to Check Item T1, page 46*
b.	**How many children?**	4830	☐ Children
c.	**Do any of the children receive free or reduced-price lunches this school year because they qualified for the Federal School Lunch Program?**	4832	1 ☐ Yes 2 ☐ No – *SKIP to 2f*
d.	**How many children?**	4834	☐ Children
e.	**Are the lunches free or are they reduced-price?** *Mark (X) all that apply.*	4836 4838	1 ☐ Free 2 ☐ Reduced-price
f.	**Do any of the children receive free or reduced-price school breakfasts this school year?**	4840	1 ☐ Yes 2 ☐ No – *SKIP to Check Item T1, page 46*
g.	**How many children?**	4842	☐ Children
h.	**Are the breakfasts free or are they reduced-price?** *Mark (X) all that apply.*	4844 4846	1 ☐ Free 2 ☐ Reduced-price

GO to section 5, part A, page 46

NOTES

Section 6 — MISSING WAVE

CHECK ITEM M1 Does person number begin with an "8"? 6000 1 ☐ Yes — *SKIP to Check Item C1, page 63* 2 ☐ No

CHECK ITEM M2 Was an interview obtained for . . . last reference period? (cc item 44) 6002 1 ☐ Yes — *SKIP to Check Item C1, page 63* 2 ☐ No

CHECK ITEM M3 Was an interview obtained two waves ago? (cc item 44) 6004 1 ☐ Yes 2 ☐ No — *SKIP to Check Item C1, page 63*

STATEMENT M **We were unable to obtain information similar to what we've just talked about for . . . for the period _________ through _________. The next few questions help fill in this missing information about . . .'s economic situation during that period.**

1. During the period from *(Read missing wave period)* ________ **through** ________ **did . . . have a job or business, either full or part time, even for only a few days?**
6006 1 ☐ Yes — *SKIP to 3a* 2 ☐ No

2. Even though . . . did not have a job during that period, did . . . spend any time looking for work or on layoff?
6008 1 ☐ Yes — *SKIP to 5a* 2 ☐ No — *SKIP to Check Item M5*

3a. Did . . . have a job or business, either full or part time, during EACH of the weeks in this period?
6010 1 ☐ Yes 2 ☐ No — *SKIP to 3c*

b. Was . . . absent without pay from . . .'s job for any FULL weeks during *(Read missing wave period)* ________ **through** ________ **because of layoff?**
6012 1 ☐ Yes — *SKIP to 3f* 2 ☐ No — *SKIP to Check Item M6*

c. In which months did . . . have a job or business?
6014 1 ☐ First month in period (8 months ago)
6016 2 ☐ Second month in period (7 months ago)
6018 3 ☐ Third month in period (6 months ago)
6020 4 ☐ Fourth month in period (5 months ago)

d. How many weeks in . . . *(Read months marked in 3c)* **did . . . have a job or business?**
(Show respondent Flashcard W)
6022 ☐ Weeks in first month (8 months ago)
6024 ☐ Weeks in second month (7 months ago)
6026 ☐ Weeks in third month (6 months ago)
6028 ☐ Weeks in fourth month (5 months ago)

e. Of the weeks that . . . had a job or business, was . . . absent for any full weeks without pay because of layoff?
6030 1 ☐ Yes 2 ☐ No — *SKIP to 4*

f. In which months was . . . absent from . . .'s job because of layoff?
Mark (X) all that apply.
6032 1 ☐ First month in period (8 months ago)
6034 2 ☐ Second month in period (7 months ago)
6036 3 ☐ Third month in period (6 months ago)
6038 4 ☐ Fourth month in period (5 months ago)

g. How many weeks in . . . *(Read months marked in 3f)* **was . . . absent from . . .'s job because of layoff?**
(Show respondent Flashcard W)
6040 ☐ Weeks in first month (8 months ago)
6042 ☐ Weeks in second month (7 months ago)
6044 ☐ Weeks in third month (6 months ago)
6046 ☐ Weeks in fourth month (5 months ago)

CHECK ITEM M4 Is item 3a marked "Yes"? 6048 1 ☐ Yes — *SKIP to Check Item M6* 2 ☐ No

4. During this period, when . . . did NOT have a job or business, did . . . spend any time looking for work or on layoff?
6050 1 ☐ Yes 2 ☐ No — *SKIP to Check Item M5*

5a. In which months did . . . spend time looking for work or on layoff (when . . . did NOT have a job or business)?
6052 1 ☐ First month in period (8 months ago)
6054 2 ☐ Second month in period (7 months ago)
6056 3 ☐ Third month in period (6 months ago)
6058 4 ☐ Fourth month in period (5 months ago)

b. How many weeks in . . . *(Read months marked in 5a)* **did . . . spend time looking for work or on layoff?** *(Do not include any weeks already counted in 3g)*
(Show respondent Flashcard W)
6060 ☐ Weeks in first month (8 months ago)
6062 ☐ Weeks in second month (7 months ago)
6064 ☐ Weeks in third month (6 months ago)
6066 ☐ Weeks in fourth month (5 months ago)

CHECK ITEM M5 Are any income types listed in the Income Roster (item 8a) or the ISS? 6068 1 ☐ Yes 2 ☐ No — *SKIP to 6d*

INTERVIEWER INSTRUCTION

1. If any income codes (1 – 56), not already listed in the Income Roster (item 6a), appear on the ISS, transcribe them to the Income Roster.
2. Mark column (5) of the Income Roster for ALL income codes that appear on the ISS.
3. Go to Check Item M6.

Section 6 – MISSING WAVE (Continued)

6a. INCOME ROSTER

The missing wave period covers the 4-month period from ______________ through ______________.

Line No. (1)	Income type description (2)	Income code (3)	Received 2 waves ago (4)	Received this wave (5)
6070 – 1		6072	6074 1☐	6076 2☐
6078 2		6080	6082 1☐	6084 2☐
6086 3		6088	6090 1☐	6092 2☐
6094 4		6096	6098 1☐	6100 2☐
6102 5		6104	6106 1☐	6108 2☐
6110 6		6112	6114 1☐	6116 2☐
6118 7		6120	6122 1☐	6124 2☐
6126 8		6128	6130 1☐	6132 2☐
6134 9		6136	6138 1☐	6140 2☐
6142 10		6144	6146 1☐	6148 2☐

CHECK ITEM M6

Did . . . have any income sources 2 waves ago that . . . did not have this wave? (Only column 4 of the Income Roster is marked)

6150 1☐ Yes – *Enter income codes in item 6b and read item 6b to respondent.*
2☐ No – *SKIP to Check item M7*

6b. In our visit of 8 months ago, we recorded that . . . received certain types of income that we have not recorded for this visit – namely *(Read income types)*.

(Ask for each income type:)

During the 4-month period *(Read missing wave period)* **from ______________ through ______________, in which months, if any, did . . . receive** *(Read income type)*?

Income type code	All	M1	M2	M3	M4	None
	Months received – M1 = earliest month in period/M4 = most recent month in period					
6152	6154 6☐	6156 1☐	6158 2☐	6160 3☐	6162 4☐	6164 5☐
6166	6168 6☐	6170 1☐	6172 2☐	6174 3☐	6176 4☐	6178 5☐
6180	6182 6☐	6184 1☐	6186 2☐	6188 3☐	6190 4☐	6192 5☐
6194	6196 6☐	6198 1☐	6200 2☐	6202 3☐	6204 4☐	6206 5☐
6208	6210 6☐	6212 1☐	6214 2☐	6216 3☐	6218 4☐	6220 5☐
6222	6224 6☐	6226 1☐	6228 2☐	6230 3☐	6232 4☐	6234 5☐
6236	6238 6☐	6240 1☐	6242 2☐	6244 3☐	6246 4☐	6248 5☐
6250	6252 6☐	6254 1☐	6256 2☐	6258 3☐	6260 4☐	6262 5☐

CHECK ITEM M7

Did . . . have any income sources this wave that . . . did not have 2 waves ago? (Only column 5 of the Income Roster is marked)

6264 1☐ Yes – *Enter income codes in item 6c and read item 6c to the respondent.*
2☐ No – *SKIP to item 6d*

6c. We have recorded during this visit that . . . received certain types of income that . . . was not receiving at the time of our visit 8 months ago – namely *(Read income types)*.

(Ask for each income type:)

During the 4-month period *(Read missing wave period)* **from ______________ through ______________, in which months, if any, did . . . receive** *(Read income types)*?

Income type code	All	M1	M2	M3	M4	None
	Months received – M1 = earliest month in period/M4 = most recent month in period					
6266	6268 6☐	6270 1☐	6272 2☐	6274 3☐	6276 4☐	6278 5☐
6280	6282 6☐	6284 1☐	6286 2☐	6288 3☐	6290 4☐	6292 5☐
6294	6296 6☐	6298 1☐	6300 2☐	6302 3☐	6304 4☐	6306 5☐
6308	6310 6☐	6312 1☐	6314 2☐	6316 3☐	6318 4☐	6320 5☐
6322	6324 6☐	6326 1☐	6328 2☐	6330 3☐	6332 4☐	6334 5☐
6336	6338 6☐	6340 1☐	6342 2☐	6344 3☐	6346 4☐	6348 5☐
6350	6352 6☐	6354 1☐	6356 2☐	6358 3☐	6360 4☐	6362 5☐
6364	6366 6☐	6368 1☐	6370 2☐	6372 3☐	6374 4☐	6376 5☐

Section 6 – MISSING WAVE (Continued)

6d. During the 4-month period *(Read missing wave period)* **from ____________ through ____________ did . . . receive any income that we haven't talked about?**

6378 1 ☐ Yes

2 ☐ No – *SKIP to Check Item M6*

6e. What kind of income was it? *(Enter income type code at right from Income Source List on page 64a. Ask for each income type –)* **During which months did . . . receive that type of income?**

Income type code	Months received (M1 = earliest month in period/M4 = most recent month in period) AB	M1	M2	M3	M4
6380	6382 8 ☐	6384 1 ☐	6386 2 ☐	6388 3 ☐	6390 4 ☐
6392	6394 8 ☐	6396 1 ☐	6398 2 ☐	6400 3 ☐	6402 4 ☐
6404	6406 8 ☐	6408 1 ☐	6410 2 ☐	6412 3 ☐	6414 4 ☐
6416	6418 8 ☐	6420 1 ☐	6422 2 ☐	6424 3 ☐	6426 4 ☐
6428	6430 8 ☐	6432 1 ☐	6434 2 ☐	6436 3 ☐	6438 4 ☐
6440	6442 8 ☐	6444 1 ☐	6446 2 ☐	6448 3 ☐	6450 4 ☐
6452	6454 8 ☐	6456 1 ☐	6458 2 ☐	6460 3 ☐	6462 4 ☐
6464	6466 8 ☐	6468 1 ☐	6470 2 ☐	6472 3 ☐	6474 4 ☐

NOTES

Section 6 — MISSING WAVE (Continued)

CHECK ITEM M8 Are any assets listed in the Asset Roster (item 7a) or the ISS? 6476 1 ☐ Yes 2 ☐ No – *SKIP to 7d*

INTERVIEWER INSTRUCTION

1. If any asset codes (100 – 150, 174, 175), not already listed in the Asset Roster (item 7a), appear on the ISS, transcribe them to the Asset Roster.

2. Mark column (5) of the Asset Roster for ALL asset codes that appear on the ISS.

3. Go to Check Item M9.

7a. ASSET ROSTER

The missing wave period covers the 4-month period from ______________ through ______________.

Line No. (1)	Asset type description (2)	Asset code (3)	Had 2 waves ago (4)	Had this wave (5)
6478 — 1		6480	6482 1 ☐	6484 2 ☐
6486 2		6488	6490 1 ☐	6492 2 ☐
6494 3		6496	6498 1 ☐	6500 2 ☐
6502 4		6504	6506 1 ☐	6508 2 ☐
6510 5		6512	6514 1 ☐	6516 2 ☐
6518 6		6520	6522 1 ☐	6524 2 ☐
6526 7		6528	6530 1 ☐	6532 2 ☐
6534 8		6536	6538 1 ☐	6540 2 ☐
6542 9		6544	6546 1 ☐	6548 2 ☐
6550 10		6552	6554 1 ☐	6556 2 ☐

CHECK ITEM M9 Did . . . have any asset types 2 waves ago that . . . did not have this wave? (Only column 4 of the Asset Roster is marked.)

6558 1 ☐ Yes — *Enter asset code(s) in item 7b and read item 7b to respondent.*
2 ☐ No — *SKIP to Check Item M10*

7b. In our visit of 8 months ago, we recorded that . . . had certain assets that we have not recorded during this visit — namely *(Read asset types).*

ASK FOR EACH —

Did . . . own this asset at any time during the period *(Read missing wave period,* **from ______________ through ______________?**

	Asset code		Yes	No
6560		6562	1 ☐	2 ☐
6564		6566	1 ☐	2 ☐
6568		6570	1 ☐	2 ☐

CHECK ITEM M10 Did . . . have any asset types this wave that . . . did not have 2 waves ago? (Only column 5 of the Asset Roster is marked.)

6572 1 ☐ Yes — *Enter asset code(s) in item 7c and read item 7c to respondent.*
6574 2 ☐ No — *SKIP to item 7d*

7c. We have recorded during this visit that . . . had certain types of assets that . . . did not have at the time of our visit 8 months ago — namely *(Read asset types).*

ASK FOR EACH —

Did . . . own this (these) asset(s) at any time during the period *(Read missing wave period)* **from ______________ through ______________?**

	Asset code		Yes	No
6576		6578	1 ☐	2 ☐
6580		6582	1 ☐	2 ☐
6584		6586	1 ☐	2 ☐

d. During the 4-month period *(Read missing wave period)* **from ______________ through ______________, did . . . have any assets that we haven't talked about?**

6588 1 ☐ Yes
2 ☐ No — *SKIP to Check Item M11*

Section 6 – MISSING WAVE (Continued)

7a. What was the asset type called? *(Enter asset code(s) at right from Income Source List on page 64a.)*

	Asset code		Asset code
6590		6592	
6594		6596	
6598		6600	
6602		6604	
6606		6608	

CHECK ITEM M11

Is Medicare marked on cc item 47?

6610
1 ☐ Yes – *SKIP to 9*
2 ☐ No

CHECK ITEM M12

Is . . . 65 years of age or older?

6612
1 ☐ Yes – *SKIP to 9*
2 ☐ No

CHECK ITEM M13

Refer to item 18a, page 7.
Does . . . have a work disability?

6614
1 ☐ Yes
2 ☐ No – *SKIP to 9*

8. During the 4 month period from *(Read missing wave period)* ______________ **through** ______________, **was . . . covered by Medicare?**

6616
1 ☐ Yes
2 ☐ No

9. During the 4 month period from *(Read missing wave period)* **from** ______________ **through** ______________, **was . . . covered by** *(Use local name for Medicaid)* **or another public assistance program that pays for medical care?**

6618
1 ☐ Yes
2 ☐ No

CHECK ITEM M14

Is . . . 17 to 49 years of age?

6620
1 ☐ Yes
2 ☐ No – *SKIP to Check Item C1, page 63*

10. During the 4 month period from *(Read missing wave period)* ______________ **through** ______________, **did . . . attend school beyond the high school level including a college, university, or other school?**

6622
1 ☐ Yes
2 ☐ No – *SKIP to Check Item C1, page 63*

11. Were any of . . .'s educational expenses during the period from *(Read missing wave period)* ______________ **through** ______________ **paid for by a Pell (BEOG) Grant, a Guaranteed or National Direct Student Loan, or any other type of scholarship or grant?**

6624
1 ☐ Yes
2 ☐ No
} *SKIP to Check Item C1, page 63*

NOTES

APPENDIX D

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 D-7.

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 Edlerly," J. E. Mutchler and J. A. Burr, University of Buffalo

1988

8801 - "The Impact of the Unit of Analysis on Measures of Serial Multiple Program Participation," by P. Doyle and S. E. Long, Mathematica Policy Research, Inc.

8802 - "Short-Term Fluctuations in Income and Their Impacts on the Characteristics of the Low-Income Population: New Data From the Survey of Income and Program Participation," by P. Ruggles, Urban Institute

8803 - "Residential Mobility of One-Person Households," by J. Witte and H. Lahmann, German Institute for Economic Research

8804 - "Year-Apart Estimates of Household Net Worth From the Survey of Income and Program Participation," by John M. McNeil and Enrique J. Lamas, Bureau of the Census

8805 - "Measuring Poverty and Crises: A Comparison of Annual and Subannual Accounting Program Participation," by Martin David and John Fitzgerald, Institute for Research on Poverty

8806 - "Using Administrative Record Data to Evaluate the Quality of Survey Estimates," by Jeffrey C. Moore and Kent H. Marquis, Bureau of the Census

8807 - "The Wealth of the Aged and Nonaged, 1984," by Daniel B. Radner, HHS

8808 - "Examining the Dynamics of Health Insurance Loss: A Tale of Two Cohorts," by Alan C. Monheit and Claudia L. Schur, NCHSR

8809 - "The Dynamics of Medicaid Enrollment," by Pam Farley Short, Joel C. Cantor, and Alan C. Monheit, NCHSR

8810 - "The Discouraged Worker Effect: A Reappraisal Using Spell Duration Data," by Alberto Martini, University of Wisconsin-Madison

8811 - "Income as a Proxy for the Economic Status of the Elderly," by Deborah J. Chollet and Robert B. Friedland, Employee Benefit Research Institute

8812 - "The SIPP: Data from the Social Security Administration's 1987 Annual Statistical Supplement"

8813 - "Participation in Industrial Training Programs," by Sheldon Haber, George Washington University

8814 - "A Methodological Study Using Administrative Records: The Special Frames Study of the Income Survey Development Program," by W. J. Logan, Social Security Administration, D. Kasprzyk and R. Cavanaugh, Census Bureau

8815 - "The Effect of Income Taxation on Labor Supply When Deductions are Endogenous," by R. K. Thriest, Johns Hopkins University

8816 - "A Comparison of Gross Change in Labor Force Status From SIPP and CPS," by P. Ryscavage and A. Feldman-Harkins, Census Bureau

8817 - "How are the Elderly Housed? New Data from the 1984 Survey of Income and Program Participation," by A. Goldstein, Census Bureau

8818 - "Welfare Recipiency as Observed in the SIPP," by J. Coder, Census Bureau and P. Ruggles, The Urban Institute

8819 - "Reservation Wages and Subsequent Acceptance Wages of Unemployed Persons," by P. Ryscavage, Census Bureau

8820 - "Selected References From the Income Survey Development Program (ISDP) and Survey of Income and Program Participation (SIPP)"

8821 - "Training, Wage Growth, Firm Size," by S. Haber, The George Washington University and E. Lamas, Census Bureau

8822 - "Defining and Measuring Nonmetro Poverty: Results From The Survey of Income and Program Participation," by R. Hoppe, USDA-ERS-ARED

8823 - "Nonresponse Adjustment Methods For Demographic Surveys at the U.S. Bureau of the Census," by R. Singh and R. Petroni, Census Bureau

8824 - "Testing Telephone Interviewing in the Survey of Income and Program Participation and Some Early Results," by S. Durant and P. Gbur, Census Bureau

8825 - "Excluding Sample That Misses Some Interviews From SIPP Longitudinal Estimates," by L. Ernst and D. Gillman, Census Bureau

8826 - "The Employment of Mothers and the Prevention of Poverty," by M. Hill, University of Michigan and H. Hartmann, Rutgers University

8827 - "Using Administrative Record Data To Describe SIPP Response Errors," by J. Moore and K. Marquis, Census Bureau

8828 - "A Look at Welfare Dependency Using The 1984 SIPP Panel File," by J. Coder, D. Burkhead, and A. Feldman-Harkins, Census Bureau

8829 - "Census Bureau Microdata: Providing Useful Research Data While Protecting The Anonymity of Respondents ," by G. Gates, Census Bureau

8830 - "The Survey of Income and Program Participation: An Overview and Discussion of Research Issues," by D. Kasprzyk, Census Bureau

1987

8701 - "Tracking Persons Over Time," by A. C. Jean and E. K. McArthur, Census Bureau

8702 - "Preliminary Data From the SIPP 1983-84 Longitudinal Research File," by J. F. Coder, D. Burkhead, A. Feldman-Harkins, and J. McNeil, Census Bureau

8703 - "Work Experience Data From SIPP," by P. Ryscavage and A. Feldman-Harkins, Census Bureau

8704 - "The Treatment of Person -Wave Nonresponse In Longitudinal Surveys," by G. Kalton, J. Lepkowski, S. Heeringa, Ting-Kwong Lin, and M. E. Miller, Survey Research Center, University of Michigan

8705 - "SIPP: Filling Data Gaps on the Poverty and Social Welfare Fronts," by P. Ryscavage, Census Bureau

8706 - "Response Errors In Labor Surveys: Comparisons Self and Proxy," by D. Hill University of Michigan

8707 - "Differences Between SIPP and Food and Nutrition Service Program Data on Child Nutrition and WIC Program Participation, by L. Ku and R. Dalrymple, Food and Nutrition Service, U.S. Department of Agriculture

8708 - "Quality Profile for the Survey of Income and Program Participation," by K. King, R. Petroni, and R. Singh, Census Bureau

8709 - "Survey of Income and Program Participation SIPP Sample Loss and the Efforts to Reduce It," by D. Nelson, C. Bowie, and A. Walker, Census Bureau

8710 - "The Impact of Imputation Procedures on Distributional Characteristics of the Low Income Population," by P. Doyle, Mathematica Policy Research, Inc., and R. Dalrymple, Food and Nutrition Service, U. S. Department of Agriculture

8711 - "Job Tenure, Lifetime Work Interruptions and Wage Differentials," by J. McNeil, E. Lamas, Census Bureau, and S. Haber, George Washington University

8712 - "Measuring the Bias in Gross Flows in the Presence of Auto-Correlated Response Errors," by D. Hubble, Census Bureau, and D. Judkins, Westat, Inc.

8713 - "Investigation of Possible Causes of Transition Patterns from SIPP," by L. Weidman, Census Bureau

8714 - "Households and Income Sources: Monthly Averages for 1984," by J. Moorman, Census Bureau

8715 - "Creating SIPP Longitudinal Files Using OSIRIS IV," by M. Servais, University of Michigan

8716 - "Transition In and Out of Poverty: New Data From the Survey of Income and Program Participation," by P. Ruggles, Urban Institute and R. Williams, Congressional Budget Office

8717 - "On their own: The Self-employed and Others in Private Business," by S. Haber, George Washington University, E. Lamas Bureau of the Census, and J. Lichtenstein, U.S. Small Business Administration.

8718 - "Factors Associated With Household Net Worth," by E. Lamas and J. McNeil, Bureau of the Census

8719 - "Exploring Changes in Health Care Coverage Using the SIPP Longitudinal Research File," by D. Burkhead and A. Feldman, Bureau of the Census

8720 - "The Analysis of Geographical Mobility and Life Events with the SIPP," by D. Dahmann and E. McArthur, Bureau of the Census

8721 - "A Review of the Use of Administrative Records in the Survey of Income and Program Participation, by C. Bowie and D. Kasprzyk, Census Bureau

8722 - "Survey of Income and Program Participation Update," by D. Kasprzyk, Bureau of the Census

8723 - "Measuring Poverty with the SIPP and the CPS," by R. Williams, Congressional Budget Office

8724 - "The Statistical Invisible Minority Aged," by C. Taeuber, Bureau of the Census.and E. Attah, Atlanta University

8725 - "An Analysis of the SIPP Asset and Liability Feedback Experiment," by E. Lamas and J. McNeil, Bureau of the Census

1986

8601 - "Some Aspects of SIPP," compiled and edited by R. A. Herriot and D. Kasprzyk, Census Bureau

8602 - "Nonsampling Error Issues in the SIPP," by G. Kalton, University of Michigan, and D. B. McMillen and D. Kasprzyk, Census Bureau

8603 - "An Investigation of Model-Based Imputation Procedures Using Data From the Income Survey Development Program," by V. J. Huggins and L. Weidman, Census Bureau

8604 - "Food Stamp Participation: A Comparison of SIPP With Administrative Records," by S. Carlson and R. Dalrymple, Food and Nutrition Service

8605 - "SIPP Longitudinal Household Estimation for the Proposed Longitudinal Definition," by L. R. Ernst, Census Bureau

8606 - "A Comparison of Seven Imputation Procedures for the 1979 Panel of the Income Survey Development Program," by V. J. Huggins, Census Bureau

8607 - "An Investigation of the Imputation of Monthly Earnings for the Survey of Income and Program Participation Using Regression Models," by V. J. Huggins and L. Weidman, Census Bureau

8608 - "Evaluation of Training Materials and Methods for the Survey of Income and Program Participation," by M. Holt, Survey Research Consultant

8609 - "Patterns of Household Composition and Family Status change," by C. F. Citro, ASA/Census Research Fellow, and H. W. Watts, Department of Economics, Columbia University

8610 - "Composite Estimation for SIPP: A Preliminary Report," by R. P. Chakrabarty, Census Bureau

8611 - "Longitudinal Household Concepts in SIPP: Preliminary Results," by C. F. Citro, ASA/Census Research Fellow, D. J. Hernandez, and R. A. Herriot, Census Bureau

8612 - "Following Children in the Survey of Income and Program Participation," by E. K. McArthur, K. S. Short, and S. Bianchi, Census Bureau

8613 - "SIPP Labor Transitions: Problems and Promises," by P. Ryscavage and K. S. Short, Census Bureau

8614 - "Augmenting Data Reported in the Survey of Income and Program Participation With Administrative Record Data - A Brief Discussion," by D.K. Sater, Census Bureau

1985

8501 - "The Survey of Income and Program Participation: Uses and Application," by K.S. Short, Census Bureau

8502 - "Application of a Matched File Linking the Bureau of the Census Survey of Income and Program and Participation and Economic Data," by S. Haber, George Washington University

8503 - "Using the Survey of Income and Program Participation for Research on the Older Population," by D. B. McMillen, C. M. Taeuber, and J. Marks, Census Bureau

8504 - "Summary of the Content of the 1984 Panel of the Survey of Income and Program Participation," by D. T. Frankel, Census Bureau

8505 - "Enhancing Data From the Survey of Income and Program Participation With Data From Economic Censuses and Surveys," by D. K. Sater, Census Bureau

8506 - "Methodologies for Imputing Longitudinal Survey Items," by V. J. Huggins, L. Weidman, and M. E. Samuhel, Census Bureau

8507 - "New Household Survey and the CPS: A Look at Labor Force Differences," by P. M. Ryscavage, Census Bureau, and J. E. Bregger, Bureau of Labor Statistics

1984

8401 - (Update No. 1, Revised 12/85) "An Overview of the Survey of Income and Program Participation," by D. Nelson, D.B. McMillen, and D. Kasprzyk, Census Bureau

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1986

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____ 8603	____ 8610
____ 8604	____ 8611
____ 8605	____ 8612
____ 8606	____ 8613
____ 8607	____ 8614

1987

____ 8701	____ 8707	____ 8715	____ 8722
____ 8702	____ 8709	____ 8716	____ 8723
____ 8703	____ 8710	____ 8717	____ 8724
____ 8704	____ 8711	____ 8718	____ 8725
____ 8705	____ 8712	____ 8719	
____ 8706	____ 8713	____ 8720	
____ 8707	____ 8714	____ 8721	

1988

____ 8801	____ 8808	____ 8815	____ 8822	____ 8829
____ 8802	____ 8809	____ 8816	____ 8823	____ 8830
____ 8803	____ 8810	____ 8817	____ 8824	
____ 8804	____ 8811	____ 8818	____ 8825	
____ 8805	____ 8812	____ 8819	____ 8826	
____ 8806	____ 8813	____ 8820	____ 8827	
____ 8807	____ 8814	____ 8821	____ 8828	

1989

____ 8901	____ 8908	____ 8915
____ 8902	____ 8909	____ 8916
____ 8903	____ 8910	
____ 8904	____ 8911	
____ 8905	____ 8912	
____ 8906	____ 8913	
____ 8907	____ 8914	

APPENDIX E

Machine-Readable Data Dictionary Layout

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

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

FORMAT

"*" LINE - COMMENTS

a. " * " in the first position indicates that this is a comment line. This line can appear any place in the dictionary. It will be used for short comments or to nullify any value codes.

b. " ** " in the first two positions is also comments but it has additional meaning. It indicates this is a block of comments which will be applied to several variables. The first line of this block will ave the COMMENT NO. so that subsequent variable can refer back to this comment block.

"D" LINE - DATA DICTIONARY

This line contains the following information:

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

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

"U" LINE - UNIVERSE DEFINITION

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

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

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

"V" LINE - VALUE DEFINITION

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

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

APPENDIX F

User Notes

This section is reserved for any information relevant to the SIPP 1984 Full Panel Microdata Research 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.