

**Household Component - Insurance Component
Linked Data, 1996**

**RESEARCH FILE
(non-nationally representative data)**

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User Note

This file contains data from the 1996 Medical Expenditure Panel Survey that is being released for research purposes only. Significant nonresponse prevents these data from being used to make nationally representative estimates. There is no sampling weight included in this file and users are warned to exercise caution in generalizing their results beyond the sample of persons included in the file.

The data on this file are being provided as a MEPS Research File, and as such are intended for sophisticated users who are familiar with the MEPS public use files and have experience analyzing complex survey data. The data file in this release has not been subjected to the same level of quality control as standard MEPS public use tapes. Therefore, the data from these files should be analyzed and interpreted with care.

A. Data Use Agreement

Individual identifiers have been removed from the microdata contained in the files on this CD-ROM. Nevertheless, under sections 308 (d) and 903 (c) of the Public Health Service Act (42 U.S.C. 242m and 42 U.S.C. 299 a-1), data collected by the Agency for Healthcare Research and Quality (AHRQ) and/or the National Center for Health Statistics (NCHS) may not be used for any purpose other than for the purpose for which they were supplied; any effort to determine the identity of any reported cases, is prohibited by law.

Therefore in accordance with the above referenced Federal statute, it is understood that:

1. No one is to use the data in this data set in any way except for statistical reporting and analysis.
2. If the identity of any person or establishment should be discovered inadvertently, then (a) no use will be made of this knowledge, (b) the Director, Office of Management, AHRQ will be advised of this incident, (c) the information that would identify any individual or establishment will be safeguarded or destroyed, as requested by AHRQ, and (d) no one else will be informed of the discovered identity.
3. No one will attempt to link this data set with individually identifiable records from any data sets other than the Medical Expenditure Panel Survey or the National Health Interview Survey.

By using these data you signify your agreement to comply with the above-stated statutorily based requirements, with the knowledge that deliberately making a false statement in any matter within the jurisdiction of any department or agency of the Federal Government violates 18 U.S.C. 1001 and is punishable by a fine of up to \$10,000 or up to 5 years in prison.

The Agency for Healthcare Research and Quality requests that users cite AHRQ and the Medical Expenditure Panel Survey as the data source in any publications or research based upon these data.

B. Background

This documentation describes one in a series of public use files from the Medical Expenditure Panel Survey (MEPS). The survey provides a new and extensive data set on the use of health services and health care in the United States.

MEPS is conducted to provide nationally representative estimates of health care use, expenditures, sources of payment, and insurance coverage for the U.S. civilian noninstitutionalized population. MEPS also includes a nationally representative survey of nursing homes and their residents. MEPS is cosponsored by the Agency for Healthcare Research and Quality (AHRQ) (formerly the Agency for Health Care Policy and Research (AHCPR)) and the National Center for Health Statistics (NCHS).

MEPS comprises four component surveys: the Household Component (HC), the Medical Provider Component (MPC), the Insurance Component (IC), and the Nursing Home Component (NHC). The HC is the core survey, and it forms the basis for the MPC sample and part of the IC sample. The separate NHC sample supplements the other MEPS components. Together these surveys yield comprehensive data that provide national estimates of the level and distribution of health care use and expenditures, support health services research, and can be used to assess health care policy implications.

MEPS is the third in a series of national probability surveys conducted by AHRQ on the financing and use of medical care in the United States. The National Medical Care Expenditure Survey (NMCES, also known as NMES-1) was conducted in 1977, the National Medical Expenditure Survey (NMES-2) in 1987. Beginning in 1996, MEPS continues this series with design enhancements and efficiencies that provide a more current data resource to capture the changing dynamics of the health care delivery and insurance system.

The design efficiencies incorporated into MEPS are in accordance with the Department of Health and Human Services (DHHS) Survey Integration Plan of June 1995, which focused on consolidating DHHS surveys, achieving cost efficiencies, reducing respondent burden, and enhancing analytical capacities. To accommodate these goals, new MEPS design features include linkage with the National Health Interview Survey (NHIS), from which the sampling frame for the MEPS HC is drawn, and continuous longitudinal data collection for core survey components. The MEPS HC augments NHIS by selecting a sample of NHIS respondents, collecting additional data on their health care expenditures, and linking these data with additional information collected from the respondents' medical providers, employers, and insurance providers.

1.0 Household Component

The MEPS HC, a nationally representative survey of the U.S. civilian noninstitutionalized population, collects medical expenditure data at both the person and household levels. The HC collects detailed

data on demographic characteristics, health conditions, health status, use of medical care services, charges and payments, access to care, satisfaction with care, health insurance coverage, income, and employment.

The HC uses an overlapping panel design in which data are collected through a preliminary contact followed by a series of five rounds of interviews over a 2½-year period. Using computer-assisted personal interviewing (CAPI) technology, data on medical expenditures and use for two calendar years are collected from each household. This series of data collection rounds is launched each subsequent year on a new sample of households to provide overlapping panels of survey data and, when combined with other ongoing panels, will provide continuous and current estimates of health care expenditures.

The sampling frame for the MEPS HC is drawn from respondents to NHIS, conducted by NCHS. NHIS provides a nationally representative sample of the U.S. civilian noninstitutionalized population, with oversampling of Hispanics and blacks.

2.0 Insurance Component

The MEPS - IC collects data on health insurance plans obtained through employers, unions, and other sources of private health insurance. Data obtained in the IC include the number and types of private insurance plans offered, benefits associated with these plans, premiums, contributions by employers and employees, eligibility requirements, and employer characteristics.

The sample for the 1996 MEPS - IC is made up of two parts, the household sample and the list sample. The data included in this file are limited to the household sample but both samples are described here for background purposes. Similar information is collected for each sample although the sources of the samples and their purposes and uses are very different. Because of the similarity in data to be collected the parts are combined for collection purposes only. They are not combined for analytic purposes.

Household Sample

The household sample consists of employers of respondents to the HC, as well as unions and insurance companies which provide insurance to persons who are respondents of the HC. For the household sample, the employers, unions and insurance companies which belong to the IC sample, serve as proxy respondents for persons in the HC sample. Data from the household sample is linked with other person level information from the HC in order to provide the final file. Note that significant sample nonresponse in the 1996 household sample prevents these data from supporting national estimates.

List Sample

The list sample is a nationally representative random sample of private-sector establishments, governments and self employed persons with no employees (SENE). Each of these three groups was selected independent of the others and the household sample. Each was selected from a list frame.

Private-sector establishments were selected from the most recent Bureau of the Census' Standard Statistical Establishment List, a list of private sector establishments maintained by the Census. Governments were selected from the 1992 Census of Governments, maintained by the Census Governments Division. The SENE's were selected from a list of persons who filed taxes with the Internal Revenue Service as self employed persons.

The list sample is designed to contain a large enough sample of private-sector establishments and governments for 40 states that it can support estimates of totals for employees working in these 40 states and the nation as a whole. The sample of SENE's was allocated to provide national estimates only for the self-employed. Further details concerning strata used, sample and sample allocations can be found in Sommers, (1999). Tables from the MEPS - IC list sample can be found on the MEPS web site <<http://www.meeps.ahrq.gov>>.

The MEPS IC is an annual survey. Data are collected from the selected organizations through a prescreening telephone interview, a mailed questionnaire, and a telephone followup for nonrespondents.

3.0 Medical Provider Component

The MEPS MPC supplements and validates information on medical care events reported in the MEPS HC by contacting medical providers and pharmacies identified by household respondents. The MPC sample includes all hospitals, hospital physicians, home health agencies, and pharmacies reported in the HC. Also included in the MPC are all office-based physicians:

- Providing care for HC respondents receiving Medicaid.
- Associated with a 75-percent sample of HC households receiving care through an HMO (health maintenance organization) or managed care plan.
- Associated with a 25-percent sample of the remaining HC households.

Data are collected on medical and financial characteristics of medical and pharmacy events reported by HC respondents, including:

- Diagnoses coded according to ICD-9-CM (9th Revision, International Classification of Diseases) and DSM-IV (Fourth Edition, *Diagnostic and Statistical Manual of Mental Disorders*).
- Physician procedure codes classified by CPT-4 (Common Procedure Terminology, Version 4).
- Inpatient stay codes classified by DRGs (diagnosis-related groups).

- Prescriptions coded by national drug code (NDC), medication name, strength, and quantity dispensed.
- Charges, payments, and the reasons for any difference between charges and payments.

The MPC is conducted through telephone interviews and mailed survey materials.

4.0 Nursing Home Component

The 1996 MEPS NHC was a survey of nursing homes and persons residing in or admitted to nursing homes at any time during calendar year 1996. The NHC gathered information on the demographic characteristics, residence history, health and functional status, use of services, use of prescription medicines, and health care expenditures of nursing home residents. Nursing home administrators and designated staff also provided information on facility size, ownership, certification status, services provided, revenues and expenses, and other facility characteristics. Data on the income, assets, family relationships, and care-giving services for sampled nursing home residents were obtained from next-of-kin or other knowledgeable persons in the community.

The 1996 MEPS NHC sample was selected using a two-stage stratified probability design. In the first stage, facilities were selected; in the second stage, facility residents were sampled, selecting both persons in residence on January 1, 1996, and those admitted during the period January 1 through December 31.

The sample frame for facilities was derived from the National Health Provider Inventory, which is updated periodically by NCHS. The MEPS NHC data were collected in person in three rounds of data collection over a 1½-year period using the CAPI system. Community data were collected by telephone using computer-assisted telephone interviewing (CATI) technology. At the end of three rounds of data collection, the sample consisted of approximately 815 responding facilities, 3,209 residents in the facility on January 1, and 2,690 eligible residents admitted during 1996.

5.0 Survey Management

MEPS data are collected under the authority of the Public Health Service Act. They are edited and published in accordance with the confidentiality provisions of this act and the Privacy Act. NCHS provides consultation and technical assistance.

As soon as data collection and editing are completed, the MEPS survey data are released to the public in staged releases of summary reports and microdata files. Summary reports are released as printed documents and electronic files. Microdata files are released on CD-ROM and/or as electronic files.

Printed documents and CD-ROMs are available through the AHRQ Publications Clearinghouse. Write

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Be sure to specify the AHRQ number of the document or CD-ROM you are requesting. Selected electronic files are available from the Internet on the MEPS web site: <<http://www.meps.ahrq.gov/>>.

Additional information on MEPS is available from the MEPS project manager or the MEPS public use data manager at the Center for Cost and Financing Studies, Agency for Healthcare Research and Quality, 540 Gaither Road, Rockville, MD 20850 (301/427-1406).

C. Technical and Programming Information

1.0 General Information

This documentation describes the 1996 Household Component - Insurance Component linked data file from the Medical Expenditure Panel Survey. Released as an ASCII data file and SAS transport file, this public use research file contains information collected from the household sample of the MEPS - Insurance Component (IC). The household sample of the MEPS-IC is a followback survey of employers, unions and insurers of persons in the household component who are employed or who report private insurance in Round 1. Information on health insurance premiums, contributions to premiums by employers and employees, employer characteristics, number and types of private insurance plans offered and benefits associated with these plans are included in this file.

The following documentation offers a brief overview of the types and levels of data provided, the content and structure of the files and the codebook, and programming information. It contains the following sections:

Data File Description and Contents
Imputations in the HC-IC File
Programming Information
Codebook

For more information on MEPS HC survey design see S. Cohen, 1997; J.Cohen, 1997; and S. Cohen, 1996. For information on the MEPS - IC and for copies of the IC instruments see the MEPS web site at the following address: <http://www.meps.ahrq.gov>.

2.0 Data File Description

The 1996 MEPS HC - IC Linked File is being released despite the fact that significant nonresponse limits the uses of the data. Less than half of the potential population are included in the file because of nonresponse. Although the data in this file cannot support national estimates they can serve many other research purposes. Nonetheless, AHRQ urges researchers to exercise caution in interpreting the HC- IC linked data and generalizing beyond the sample of persons for whom data exists.

The *potential* population for this file is all persons in the HC who held private insurance or who held a job in Round 1 of the 1996 MEPS. This definition would include employed persons who did not get health insurance through their jobs whether or not the employer offered health insurance. Another way of describing the potential population for this file is all Round 1 policyholders and jobholders. Dependents are not included. In addition to employer characteristics, premiums, and other information about the health insurance plan that an employee holds, the IC also collects data on the other health insurance plans, if any, that were *offered* to the employee. This is limited to the four plans with the highest enrollment.

In order to present all this information in one flat data file, there is a unique record for every person-establishment-plan combination. Person refers to the policyholder or jobholder. Establishment refers to the source of employment or insurance. An establishment can be a private or public employer, a union, or an insurer. Plan refers to the health insurance plan(s) offered by the employer. A person can be listed more than once in this file if they hold more than one job, if they hold a job and a separate insurance policy, or if they have some other combination of jobs and insurance policies.

A person can also be listed more than once if they are employed at an establishment which offers a choice of health insurance plans. In this case the person is listed multiple times and the record containing data on the plan held by the employee is indicated with a flag (HELDPLN=1). The person level and establishment level data are repeated on each record while health insurance plan information is contained in the plan level variables, with each record reporting data on a different plan. An example is given below.

There are 15,884 unique records in the HC - IC file. This includes 6,981 policyholders or jobholders, who link to 6,071 establishments, and through an establishment to 6,879 plans.

<u>PERSID</u>	<u>MID + MPLANT</u>	<u>PART_CD</u>	<u>HELDPLAN</u>
Person A	Employer 1	Health plan 1	1=held
Person B	Employer 1	Health plan 1	1=held
Person C	Employer 2	Health plan 1	3=not held
Person D	Employer 3	Health plan 1	3=not held
Person D	Employer 3	Health plan 2	3=not held
Person D	Employer 3	Health plan 3	1=held
Person E	Employer 4	Health plan 1	1=held
Person E	Employer 5	Health plan 1	3=not held
Person F	Insurer 1	Health plan 1	1=held
Person F	Employer 6	-1 (inapp - no plan)	0 = no plans
Person F	Union 1	Health plan 1	1=held

2.1 Imputations in the HC - IC File

This file contains both original and imputed variables. All imputed data in this file are identified by variable name or by a flag which is explained in more detail in appropriate sections below. Variables whose names begin with the letter 'I' followed by three digits contain 'imputed' data while variables whose names begin with the letter 'C' followed by three digits contain "collected" data. Any

differences between these two versions of the same variable are due to imputations. For a more detailed description of the imputation methods used for the core MEPS - IC variables in both the household and the list samples see Sommers, 1999.

As noted above, less than half of the potential population is included in this file. Records do not exist for MEPS household respondents who did not sign permission forms or were unable to provide accurate employer, union, or insurer addresses for the MEPS - IC data collection. Incomplete records exist in this file for persons who provided addresses but whose employers, unions, or insurers could not be located, closed their business, or failed to respond to the IC survey.

The variables ESTBRESP identifies establishments that responded (ESTBRESP=1) and failed to respond (ESTBRESP=2) to the IC survey. The variables PLANRESP identifies records with reported plan level data (PLANRESP=1) and records with imputed or missing plan level data (PLANRESP=2).

In a number of cases plan level data was imputed to a person when it was known that a person was holding a health insurance plan through the employer but it was not known in which plan the person was enrolled. In these cases the person was assigned to one plan following an algorithm that used household provided information on type of plan (HMO, non-HMO) or assigned the person to the most popular plan at the establishment. These records are identified with a flag (HELDPLAN=2).

2.2 Codebook Structure

For each variable on the file, unweighted frequencies are provided. Weighted frequencies are not provided with this file because there is no sample weight. As stated above this file is being released for research purposes only and cannot support nationally representative estimates. The codebook and data file sequence list variables in the following order:

- Unique person and establishment identifiers from Household Component
- Unique establishment, government unit and plan identifiers from Insurance Component
- Constructed variables to aid researchers
- Demographic variables from the Household Component
- Employment section variables from the Household Component
- Variables from the Insurance Component instruments

2.3 Reserved Codes

The following reserved code values are used:

VALUE	DEFINITION
--------------	-------------------

-1 INAPPLICABLE	Question was not asked due to skip pattern.
-3 NO DATA IN ROUND	Person has no data in round.
-6 MIXTURE	Both inapplicable cases and not ascertained cases in situations where they could not be distinguished
-7 REFUSED	Question was asked and respondent refused to answer question.
-8 DK	Question was asked and respondent did not know answer.
-9 NOT ASCERTAINED	Interviewer did not record the data.

2.4 Codebook Format

This codebook describes an ASCII data set and provides the following information for each variable:

IDENTIFIER	DESCRIPTION
Name	Variable name (maximum of 8 characters)
Description	Variable descriptor (maximum of 40 characters)
Format	Number of bytes
Type	Type of data: numeric (indicated by NUM) or character (indicated by CHAR)
Start	Beginning column position of variable in record
End	Ending column position of variable in record

2.5 Variable Naming

In general, variable names reflect the content of the variable or the item number from the MEPS - IC survey instrument, with an 8 character limitation. Variables beginning with the letter “C” followed by three digits refer to original collected data. Variables beginning with the letter “I” followed by three digits may contain imputed data.

3.0 Data File Contents

3.1 ID Variables

There are identification variables from both the household component and the insurance component included in this file. Labels on each variable reflect the source of the variable.

Identifiers from the Household Component

In the MEPS Household Component the definitions of Dwelling Units (DUs) and Group Quarters are generally consistent with the definitions employed for the National Health Interview Survey. The dwelling unit ID (DUID) is a five-digit random ID number assigned after the case was sampled for MEPS. The person number (PID) uniquely identifies all persons within the dwelling unit. The variable DUPERSID is the combination of the variables DUID and PID.

ESTBID is a unique four-digit ID number assigned to places of employment and to sources of insurance during the household interview. This identifier bears no relation to the establishment identifiers assigned during the Insurance Component survey.

FEHBP stands for the Federal Employees Health Benefits Program and contains a three-character code that identifies specific federal employee health plans. This variable exists only for the approximately 250 policyholders of federal plans in the HC-IC linked file.

Identifiers from the Insurance Component

MID is a 9 character identifier that was assigned sequentially to identify each private establishment, government, and insurance company. MID=006000000 identifies the federal government.

MPLANT is a 5 character identifier that should be used along with MID to identify subunits of state and local governments.

PART_CD is a two character identifier that uniquely identifies all plans within each establishment.

Constructed Flags and Count Variables

Constructed variables in the HC - IC linked file begin with ICSOURCE which indicates where the IC data was collected. Private employers, state and local governments, and insurers were surveyed separately within the IC survey. Information on federal health plans for federal jobholders and retirees was added later to the file using household reported information. MIDPLAN counts the number of plans per establishment while PNPLANS counts the number of plans per person. As noted above, there is a unique record in this file for every person-establishment-plan combination. HELDPLAN indicates whether each record is linked to no plan specific data (HELDPLAN=0), to a held plan (HELDPLAN=1), to a held plan that has been imputed (HELDPLAN=2), or to a plan offered but not taken by the employee (HELDPLAN=3).

As a convenience for researchers using the file, the next four variables were constructed based on data from both the IC and the HC. Information on whether health insurance was offered, whether the employee was enrolled, the employee's status as active or retired, and whether the employee held a single or family policy was collected in both the HC instrument and in the IC instrument but is often missing in the IC data. The assumption used to create these variables is that the establishment provided data is correct and overrides household provided information. In cases where IC data is missing the variable is constructed using HC data.

ENROLLED indicates whether the person is enrolled in a health insurance plan through that establishment. It is based on data from the establishment (C231=1) but if that item is missing then it relies on household reported data. OFFERED indicates whether the person was offered health insurance through the establishment (C350=1).

EESTATUS indicates whether the person is an active employee, retired, or some other type at the establishment (C065). The last category includes former employees, relatives or survivors of former employees, temporary and contract employees as well as persons who were not recognized by the establishment and persons whom the establishment refused to identify.

SINGFAM is defined only for persons who held health insurance policies and indicates whether it was a single or family policy. This variable was based on IC establishment data (C239) unless the item was missing. Then SINGFAM was determined by the number of dependents linked to the policyholder in the household reported data or whether the plan covered a person outside of the household reporting unit.

Demographic Variables

Age as of Round 1, race/ethnicity, and sex are added to this file for the convenience of researchers. This information was collected in the household interview.

Job Specific Information

In addition to the demographic variables, information from the HC employment section was also appended to the file. Job specific information was linked at the person-establishment level. JOBSINFO indicates whether there was a valid link to the employment section file. Other variables provide data on whether the person was self-employed or worked for someone else, an estimate of the total number of employees, whether there was more than one location, and benefits.

Variables from the Insurance Component Questionnaires

Following the above described variables are the several hundred variables collected during the IC survey. The variables have numeric names corresponding to a number that appears in very small print next to each question, box or check-off in the IC instrument which includes a total of 13 written questionnaires and a telephone follow-up. For example, the first question in the "MEPS-10" questionnaire (administered to establishments), asks whether the establishment provided health insurance to its employees on July 1, 1996. The question is identified on the questionnaire with two numbers. The large print number (A1) guides the respondent through the instrument. Beneath A1 is the smaller number 001 which corresponds to the variable name used in the data file; thus the variable named C001 indicates whether the establishment offered health insurance to its employees. The "C" stands for collected data (as opposed to imputed data) and the 001 indicates the question number. Variables are positioned on the file in numeric order even when item numbers do not always follow

consecutively through the instrument. All confidential information such as names and addresses have been stripped from this file. Descriptive labels have been added to the variables in order to make the file easier to use. In addition, a crosswalk table is provided below that indicates the item number on the IC questionnaire(s) corresponding to each variable. Some variables are not found in the written instruments because they were collected during telephone follow-up. All of the 13 written IC questionnaires indicated in the table are available for downloading from the MEPS web site.

Premium Variables in the Insurance Component

For a typical employee, C130, C131, and C132 contain the total single premium and contributions while C134, C135, and C136 contain the total family premium and contributions for a family of four. Imputed versions of these six variables follow the collected versions and are named I130, I131, I132, I134, I135, and I136. The premium values in all twelve of these variables have already been annualized. C133 contains the periodicity of premiums as originally reported.

In addition to premiums for the typical employee, person-specific premiums and contributions were also collected. This information is contained in C361, C362, C363 and other variables.

D. Variable - Source Crosswalk IC QUESTIONNAIRE												
VARIABLE NAME	10	11	12	13	10(P) 11(P)	12(P)	14(P)	10(S)	11(S)	12(S)	11(CS)	11(C)
C001	A1	A1	A1									A1
C003			A2									
C011					NOT							
C014					NOT							
C015					NOT							
C016					NOT							
C017					NOT							
C018					NOT							
C019					NOT							
C021_NUM					B2b	B2b						
C022					NOT							
C023					NOT							
C024					NOT							
C031	F1a											
C032	F1b											
C033					NOT							
C034	E6		D4									
C038	D2a	D2a	D2a									C3a
C039	D2b	D2b	D2b									C3b
C040	D2c	D2c										C3c
C041	D3	D3										C4
C042	D2d	D2d	D2c									C3d
C043	D2d	D2d	D2c									C3d
C044	D2d	D2d	D2c									C3d
C045	F3a											
C046	F3b											
C047	F3c											
C048	F3c											
C049	F2											
C050	E1	D4	D3									C5
C051	E1	D4	D3									C5
C052	E1	D4	D3									C5
C053	E1	D4	D3									C5
C054	E1	D4	D3									C5
C055	E1	D4	D3									C5

Questionnaire key:

10=Establishment 11=Government 12=Union 13=Self-Employed 14=Insurance Provider
C=Certainty P=Person-level S=Supplemental Sheet; NOT=data collected in telephone followup

	D. Variable - Source Crosswalk IC QUESTIONNAIRE											
VARIABLE NAME	10	11	12	13	10(P) 11(P)	12(P)	14(P)	10(S)	11(S)	12(S)	11(CS)	11(C)
C056	E1	D4	D3									C5
C057	E1	D4	D3									C5
C058	E1	D4	D3									C5
C060	E4			D2								
C062	E2											
C063	E3											
C064	E5			D1								
C065					A1	A1						
C066					NOT							
C073					NOT							
C074					NOT							
C099	B12a	B11a	B10a					B12a	B11a	B10a		
C103	B2	B2	B2	B2				B2	B2	B2		
C104	B3	B3	B3	B3				B3	B3	B3		
C105	B4	B4	B4					B4	B4	B4	B4	B4
C106	B5a	B5a	B5a					B5a	B5a	B5a		
C107	B5b	B5b	B5b					B5b	B5b	B5b		
C108	B5c	B5c	B5c					B5c	B5c	B5c		
C109	B5d	B5d	B5d					B5d	B5d	B5d		
C110	B5d	B5d	B5d					B5d	B5d	B5d		
C111	B5e	B5e						B5e	B5e			
C112	B6							B6				
C113	B7	B6						B7	B6			
C122	B8	B7	B6	B6				B8	B7	B6		
C123	B9	B8	B7					B9	B8	B7		
C124	B10a	B9a	B8a					B10a	B9a	B8a	B2a	B2a
C124TOT												
C125	B10b	B9b	B8b					B10b	B9b	B8b	B2b	B2b
C125TOT												
C126	B10c	B9c						B10c	B9c		B2c	B2c
C126TOT												
C127	B10d	B9d	B8c					B10d	B9d	B8c	B2d	B2d
C127TOT												
C128	B10d	B9d	B8c					B10d	B9d	B8c	B2d	B2d
C128TOT												

Questionnaire key:

10=Establishment 11=Government 12=Union 13=Self-Employed 14=Insurance Provider
C=Certainty P=Person-level S=Supplemental Sheet; NOT=data collected in telephone followup

	D. Variable - Source Crosswalk IC QUESTIONNAIRE											
VARIABLE NAME	10	11	12	13	10(P) 11(P)	12(P)	14(P)	10(S)	11(S)	12(S)	11(CS)	11(C)
C129	B10e	B9e	B8d					B10e	B9e	B8d	B2e	B2e
C129TOT												
C130	B11a	B10	B9a					B11a	B10a	B9a	B3a	B3a
C131	B11a	B10	B9a					B11a	B10a	B9a	B3a	B3a
C132	B11a	B10	B9a					B11a	B10a	B9a	B3a	B3a
C133	B11a	B10	B9a					B11a	B10a	B9a	B3a	B3a
C134	B11b	B10	B9b					B11b	B10b	B9b	B3b	B3b
C135	B11b	B10	B9b					B11b	B10b	B9b	B3b	B3b
C136	B11b	B10	B9b					B11b	B10b	B9b	B3b	B3b
C137	B11b	B10	B9b					B11b	B10b	B9b	B3b	B3b
C138	B12a	B11	B10a					B12a	B11a	B10a		
C139	B12a	B11	B10a					B12a	B11a	B10a		
C140	B12a	B11	B10a					B12a	B11a	B10a		
C141	B12a	B11						B12a	B11a			
C142	B12a	B11	B10a					B12a	B11a	B10a		
C143	B12b	B11	B10b					B12b	B11b	B10b		
C144	B13	B12	B11					B13	B12	B11		
C145	B13	B12	B11					B13	B12	B11		
C146	B14	B13	B12	B7				B14	B13	B12		
C147	B14	B13	B12	B7				B14	B13	B12		
C148	B14	B13	B12	B7				B14	B13	B12		
C149	B14	B13	B12	B7				B14	B13	B12		
C150	B14	B13	B12	B7				B14	B13	B12		
C151	B14	B13	B12	B7				B14	B13	B12		
C152	B15a	B14	B13a	B8a				B15a	B14a	B13a		
C153	B15a	B14	B13a	B8a				B15a	B14a	B13a		
C154	B15a	B14	B13a	B8a				B15a	B14a	B13a		
C155	B15a	B14	B13a	B8a				B15a	B14a	B13a		
C156	B15b	B14	B13b	B8b				B15b	B14b	B13b		
C157	B15b	B14	B13b	B8b				B15b	B14b	B13b		
C158	B16b	B15	B14b	B9b				B16b	B15b	B14b		
C159	B16a	B15	B14a	B9a				B16a	B15a	B14a		
C160	B16b	B15	B14b	B9b				B16b	B15b	B14b		
C161	B17a	B16	B15a					B17a	B16a	B15a		
C162	B17b	B16	B15b					B17b	B16b	B15b		

Questionnaire key:

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C=Certainty P=Person-level S=Supplemental Sheet; NOT=data collected in telephone followup

D. Variable - Source Crosswalk IC QUESTIONNAIRE												
VARIABLE NAME	10	11	12	13	10(P) 11(P)	12(P)	14(P)	10(S)	11(S)	12(S)	11(CS)	11(C)
C163	B17b	B16	B15b	B10				B17b	B16b	B15b		
C164	B18	B17	B16	B11				B18	B17	B16		
C165	B18	B17	B16	B11				B18	B17	B16		
C166	B18	B17	B16	B11				B18	B17	B16		
C167	B18	B17	B16	B11				B18	B17	B16		
C168	B18	B17	B16	B11				B18	B17	B16		
C169	B18	B17	B16	B11				B18	B17	B16		
C170	B18	B17	B16	B11				B18	B17	B16		
C171	B18	B17	B16	B11				B18	B17	B16		
C172	B18	B17	B16	B11				B18	B17	B16		
C173	B18	B17	B16	B11				B18	B17	B16		
C174	B18	B17	B16	B11				B18	B17	B16		
C175	B18	B17	B16	B11				B18	B17	B16		
C176	B18	B17	B16	B11				B18	B17	B16		
C177	B18	B17	B16	B11				B18	B17	B16		
C178	B18	B17	B16	B11				B18	B17	B16		
C179	B18	B17	B16	B11				B18	B17	B16		
C180	B18	B17	B16	B11				B18	B17	B16		
C181	B18	B17	B16	B11				B18	B17	B16		
C182	B18	B17	B16	B11				B18	B17	B16		
C183	B19	B18	B17					B19	B18	B17		
C184	B19	B18	B17					B19	B18	B17		
C185	B20	B19	B18	B12				B20	B19	B18		
C186	B21a	B20	B19a					B21a	B20a	B19a	B5a	B5a
C187	B21b	B20	B19b					B21b	B20b	B19b	B5b	B5b
C188	B21c	B20	B19c					B21c	B20c	B19c	B5c	B5c
C189	B21c	B20	B19c					B21c	B20c	B19c	B5c	B5c
C190	B21c	B20	B19c					B21c	B20c	B19c	B5c	B5c
C191	B21c	B20	B19c					B21c	B20c	B19c	B5c	B5c
C192	C1a	C1a	C1a									
C193	C1a	C1a	C1a									
C194	C1a	C1a	C1a									
C195	C1a	C1a	C1a									
C196	C1b	C1b	C1b									
C197	C2a	C2a	C2a									

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D. Variable - Source Crosswalk IC QUESTIONNAIRE												
VARIABLE NAME	10	11	12	13	10(P) 11(P)	12(P)	14(P)	10(S)	11(S)	12(S)	11(CS)	11(C)
C198	C2b	C2b	C2b									
C199	C3	C3	C3									C1
C200	D1a	D1a	D1a									C2a
C201	D1a	D1a	D1a									C2a
C202	D1a	D1a	D1a									C2a
C203	D1b	D1b										C2b
C204	D1b	D1b										C2b
C205	D1b	D1b										C2b
C206	D1c	D1c										C2c
C207	D1c	D1c										C2c
C208	D1c	D1c										C2c
C209	D1d	D1d	D1b									C2d
C210	D1d	D1d	D1b									C2d
C218	B15b	B14	B13b	B8b				B15b	B14b	B13b		
C219	D1d	D1d	D1b									C2d
C231				A3a	B2a	B2a						
C239				B4	B3	B3	B7					
C246				C1	C1	C1	C1					
C275							B2a					
C276							B2b					
C277							B2b					
C278							B2c					
C279							B3					
C280							B4a					
C281							B4b					
C282							B5					
C290							B8					
C291							B9a					
C292							B9b					
C293							B10a					
C294							B10b					
C295							B10b					
C296							B10b					
C297							B11					
C298							B11					

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D. Variable - Source Crosswalk IC QUESTIONNAIRE												
VARIABLE NAME	10	11	12	13	10(P) 11(P)	12(P)	14(P)	10(S)	11(S)	12(S)	11(CS)	11(C)
C299							B11					
C300							B11					
C301							B11					
C302							B11					
C303							B11					
C304							B12a					
C305							B12b					
C306							B12b					
C307							B12b					
C308							B12b					
C309							B12b					
C310							A1					
C311							A2a					
C312							A2b					
C313							A2c					
C314							C4					
C350					B1a	B1a						
C351					B1b	B1b						
C352					B2b	B2b						
C353					B4b	B4b						
C354					B4c	B4c						
C355					B4d	B4d						
C356					B4d	B4d						
C357					B4d	B4d						
C358					B5	B5						
C359					B6	N						
C360					C3b	C3b						
C361				B5	B4a	B4a	B6					
C362					B4b	B4b						
C363					B4c	B4c						
C370				C2	C2	C2	C2					
C371				C2	C2	C2	C2					
C372				C2	C2	C2	C2					
C373				C2	C2	C2	C2					
C374				C3	C3a	C3a	C3					

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	D. Variable - Source Crosswalk IC QUESTIONNAIRE											
VARIABLE NAME	10	11	12	13	10(P) 11(P)	12(P)	14(P)	10(S)	11(S)	12(S)	11(CS)	11(C)
C375					C3b	C3b						
C376				B5	B4a	B4a	B6					
C380				C3	C3a	C3a	C3					
C436					NOT							
C498					NOT							
C501_NUM					B1b	B1b						
C502_NUM					B1b	B1b						
C503_NUM					B1b	B1b						
C504_NUM					B1b	B1b						
C505_NUM					B2b	B2b						

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