

**MEPS HC-016G:
1997 Office-Based Medical Provider Visits**

**Agency for Healthcare Research and Quality
Center for Cost and Financing Studies**

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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 an 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) was conducted 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 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 who:

- were identified by the household respondent as providing care for HC respondents receiving Medicaid.
- were selected through a 75-percent sample of HC households receiving care through an HMO (health maintenance organization) or managed care plan.
- were selected through 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. In some instances, providers sent medical and billing records which were abstracted into the survey instruments.

3.0 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.

Establishments participating in the MEPS IC are selected through four sampling frames:

- A list of employers or other insurance providers identified by MEPS HC respondents who report having private health insurance at the Round 1 interview.
- A Bureau of the Census list frame of private-sector business establishments.
- The Census of Governments from Bureau of the Census.
- An Internal Revenue Service list of the self-employed.

To provide an integrated picture of health insurance, data collected from the first sampling frame (employers and insurance providers) are linked back to data provided by the MEPS HC respondents. Data from the other three sampling frames are collected to provide annual national and State estimates of the supply of private health insurance available to American workers and to evaluate policy issues pertaining to health insurance.

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 follow-up for nonrespondents.

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 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 or call:

AHRQ Publications Clearinghouse
Attn: (publication number)
P.O. Box 8547
Silver Spring, MD 20907
800/358-9295
410/381-3150 (callers outside the United States only)
888/586-6340 (toll-free TDD service; hearing impaired only)

Be sure to specify the AHRQ number of the document or CD-ROM you are requesting. Electronic files and accompanying documentation 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.

C. Technical and Programming Information

1.0 General Information

This documentation describes one in a series of public use event files from the 1997 Medical Expenditure Panel Survey Household (HC) and Medical Provider Components(MPC). Released as an ASCII data file and SAS transport file, this public use file provides detailed information on office-based provider visits for a nationally representative sample of the civilian noninstitutionalized population of the United States and can be used to make estimates of office-based provider utilization and expenditures for calendar year 1997. This file consists of MEPS survey data obtained in the 1997 portion of Round 3 and Rounds 4 and 5 for Panel 1, as well as Rounds 1,2 and the 1997 portion of Round 3 for Panel 2 (i.e., the rounds for the MEPS panels covering calendar year 1997). Each record on this event file represents a unique office-based provider event; that is, an office-based provider event reported by the household respondent.

Data from this event file can be merged with other MEPS HC data files, for purposes of appending person characteristics such as demographic or health insurance coverage to each office-based provider visit record.

Counts of office-based provider visits are based entirely on household reports. Office-based providers were sampled into the MEPS MPC (see section B 2.0). Only those providers for whom the respondent signed a permission form were included in the MPC. Information from the MPC was used to supplement expenditure and payment data reported by the household.

This file can be also used to construct summary variables of expenditures, sources of payment, and related aspects of office-based provider visits. Aggregate annual person-level information on the use of office-based providers and other health services use will be provided on a public use file, where each record represents a MEPS sampled person.

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. It contains the following sections:

Data File Information

Sample Weights and Variance Estimation Variables

Merging MEPS Data Files

References

Codebook

Variable to Source Crosswalk

For more information on MEPS HC survey design see S. Cohen, 1997; J. Cohen, 1997; and S. Cohen, 1996. For information on the MEPS MPC design, see S. Cohen, 1998. A copy of the survey instruments used to collect the information on this file is available on the MEPS web site at the following address: <<http://www.meps.ahrq.gov>>.

2.0 Data File Information

This public use data set consists of two event-level data files. File 1 contains characteristics associated with the office-based provider event and imputed expenditure data. File 2 contains un-imputed expenditure data from both the Household and Medical Provider Components for all office-based provider visits on File 1. Please see Section 2.5.5 for definitions of imputed, and pre-imputed expenditure variables.

Both File 1 and File 2 of this public use data set contain 148,835 office-based provider event records. Of the 148,835 records, 145,498 are associated with persons having a positive person-level weight (WTDPER97). This file includes office-based provider event records for all household survey respondents who resided in eligible responding households and reported at least one office-based provider event. Each record represents one household-reported office-based provider event that occurred during calendar year 1997. Office-based provider visits known to have occurred after December 31, 1997 are not included on this file. Some household respondents may have multiple events and thus will be represented in multiple records on this file. Other household respondents may have reported no events and thus will have no records on this file. These data were collected during the 1997 portion of round 3 and rounds 4 and 5 for Panel 1, as well as rounds 1, 2, and the 1997 portion of round 3 for Panel 2 of the MEPS HC. The persons represented on this file had to meet either (a) or (b):

(a) Be classified as a key in-scope person who responded for his or her entire period of 1997 eligibility (i.e., persons with a positive 1997 full-year person-level sampling weight (WTDPER97>0)), or

(b) Be classified as either an eligible non-key person or an eligible out-of-scope person who responded for his or her entire period of 1997 eligibility, and belonged to a family (i.e., all persons with the same value for a particular FAMID) in which all eligible family members responded for their entire period of 1997 eligibility, and at least one family member had a positive 1997 full-year person weight (i.e., eligible non-key or eligible out-of-scope persons who are members of a family all of whose members have a positive 1997 full-year family-level weight (WTFAM97>0)).

Please refer to Attachment 1 for definitions of key, non-key, in-scope and eligible. Persons with no office-based medical provider visit for 1997 are not included on this file (but are represented on MEPS person-level files).

Each office-based medical provider event record on this file includes the following: date of the event; type of provider seen; time spent with the provider; type of care received; types of treatments (i.e. physical therapy, occupational therapy, speech therapy, chemotherapy, radiation therapy etc.) received during the event; type of services (i.e., lab test, sonogram or ultrasound, x-rays etc) received, medicines prescribed during the event; flat fee information, imputed sources of payment, total payment and total charge of the office-based event expenditure; and a full-year person-level weight.

File 2 of this public use data set is intended for analysts who want to perform their own imputations to handle missing data. This file contains one set of un-imputed expenditure information from the Medical Provider Component (if office-based provider sampled into MPC) as well as one set of pre-imputed expenditure information from the Household Component. Both sets of expenditure data have been subject to minimal logical editing that accounted for outliers, copayments or charges reported as total payments, and reimbursed amounts that were reported as out of pocket payments. In addition, edits were implemented to correct for mis-classifications between Medicare and Medicaid and between Medicare HMO's and private HMO's as payment sources. However, missing data were not imputed.

Data from these files can be merged with previously released 1997 MEPS HC person-level data using the unique person identifier, DUPERSID, to append person-level characteristics such as demographic or health insurance characteristics to each record. The office-based medical provider events can also be linked to the MEPS 1997 Medical Conditions File and MEPS 1997 Prescribed Medicines File. Please see the Appendix File for details on how to link MEPS data files.

Panel 1 cases (PANEL97 = 1 on 1997 person level file) can also be linked back to the 96 MEPS HC public use data files. However, the user should be aware that at this time no weight is being provided to facilitate 2 year analysis of panel 1 data.

2.1 Codebook Structure

For each variable on these files, both weighted and unweighted frequencies are provided. The codebook and data file sequence list variables in the following order:

File 1

- Unique person identifiers
- Unique office-based medical provider event identifier
- Other survey administration variables
- Office-based medical provider characteristic variables
- ICD-9 codes
- Clinical Classification Software codes
- Imputed expenditure variables
- Weight and variance estimation variables

File 2

Unique person identifiers
Unique office-based medical provider visit identifier
Pre-imputed expenditure variables

2.2 Reserved Codes

The following reserved code values are used:

VALUE	DEFINITION
-1 INAPPLICABLE	Question was not asked due to skip pattern.
-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.

Generally, -1,-7, -8, and -9 have not been edited on this file. The values of -1 and -9 can be edited by analysts by following the skip patterns in the questionnaire.

2.3 Codebook Format

This codebook describes an ASCII data set (although the data are also being provided in a SAS transport file). The following codebook items are provided 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

2.4 Variable Naming

In general, variable names reflect the content of the variable, with an 8 character limitation. For questions asked in a specific round, the end digit in the variable name reflects the round in which the question was asked. All imputed/edited variables end with an "X."

2.4.1 General

Variables contained on Files 1 and 2 were derived either from the HC questionnaire itself, the MPC data collection instrument or from the CAPI. The source of each variable is identified in Section E, entitled, “Variable to Source Crosswalk”. Sources for each variable are indicated in one of four ways: (1) variables which are derived from CAPI or assigned in sampling are so indicated; (2) variables which come from one or more specific questions have those numbers and the questionnaire section indicated in the “Source” column; (3) variables constructed from multiple questions using complex algorithms are labeled “Constructed” in the “Source” column; and (4) variables which have been imputed are so indicated.

2.4.2 Expenditure and Sources of Payment Variables

Both pre-imputed and imputed versions of the expenditure and sources of payment variables are provided on 2 separate files. Variables on Files 1 and 2 follow a standard naming convention and are 7 characters in length. Please note that pre-imputed means that a series of logical edits have been performed on the variable but missing data remains. The imputed versions incorporate the same edits but have also undergone an imputation process to account for missing data.

The pre-imputed/unimputed expenditure variables on File 2 ends with an “H,” if the data source was from the MEPS HC and ends with an “M” if the data source was the MEPS MPC. All imputed variables on File 1 ends with an “X” indicating they are fully edited and imputed.

The total sum of payments, 12 sources of payment variables, and total charge variables are named consistently in the following way:

The first two characters indicate the type of event:

IP - inpatient stay	OB - office-based visit
ER - emergency room visit	OP - outpatient visit
HH - home health visit	DV - dental visit
OM - other medical equipment	RX - prescribed medicine

In the case of source of payment variables, the third and fourth characters indicate:

SF - self or family	OF - other Federal Government	XP - sum of payments
MR - Medicare	SL - State/local government	
MD - Medicaid	WC - Worker’s Compensation	
PV - private insurance	OT - other insurance	
VA - Veterans	OR - other private	
CH - CHAMPUS/CHAMPVA	OU - other public	

The fifth and sixth characters indicate the year (97). The last character indicates whether it is edited/imputed (X) or came from household (H) or MPC (M).

For example, OBSF97X is the edited/imputed amount paid by self or family for an office-based medical provider expenditure incurred in 1997.

2.5 File 1 Contents

2.5.1 Survey Administration Variables

2.5.1.1 Person Identifiers (DUID, PID, DUPERSID)

The dwelling unit ID (DUID) is a 5-digit random number assigned after the case was sampled for MEPS. The 3-digit person number (PID) uniquely identifies each person within the dwelling unit. The 8-character variable DUPERSID uniquely identifies each person represented on the file and is the combination of the variables DUID and PID. For detailed information on dwelling units and families, please refer attachment 1.

2.5.1.2 Record Identifiers (EVNTIDX, FFEEIDX, EVENTRN)

EVNTIDX uniquely identifies each event (i.e. each record on the file) and is the variable required to link events to data files containing details on conditions and/or prescribed medicines. For details on linking see Section 5.0.

FFEEIDX uniquely identifies a flat fee group, that is, all events that were part of a flat fee payment situation. For example, pregnancy is typically covered in a flat fee arrangement where the prenatal visits, the delivery, and the postpartum visits are all covered under one flat fee dollar amount. These events (the prenatal visit, the delivery, and the postpartum visits) have the same value for FFEEIDX. FFEEIDX identifies a flat fee payment situation that was identified using information from the Household Component. Please note that FFEEIDX should be used to link up all MEPS event files (excluding prescribed medicines) in order to determine the full set of events that are part of a flat fee group.

EVENTRN indicates the round in which the office-based medical provider visit was first reported. Please note: Rounds 3, 4, and 5 are associated with MEPS survey data collected from Panel 1. Likewise, Rounds 1, 2, and 3 are associated with data collected from Panel 2.

2.5.2 Characteristics of Office-Based Medical Provider Visits

2.5.2.1 Date of Office-Based Medical Provider Visit (OBDATEYR - OBDATEDD)

File 1 contains variables describing office-based medical provider events reported by respondents in the Medical Provider Visits section of the MEPS questionnaire. There are three variables which indicate the day, month and year an office-based provider visit occurred (OBDATEYR, OBDATEMM, and OBDATEDD, respectively). These variables have not been edited or imputed.

2.5.2.2 Visit Details (SEETLKPV-VSTRELCN)

The questionnaire determines if during the office-based medical provider visit whether the person actually saw the provider or talked to the provider on the telephone (SEETLKPV). It also establishes if the person was referred by another physician or medical provider (REFERDBY), and whether the person saw or spoke to a medical doctor or not (SEEDOC). If the person did not see a physician (i.e., a medical doctor), the respondent was asked to identify the type of medical person seen (MEDPTYPE). The respondent was also asked how much time was spent with the medical provider (TIMESPNT). Whether or not any medical doctors worked at the visit location (DOCATLOC), the type of care the person received (VSTCTGRY), and whether or not the visit or telephone call was related to a specific condition (VSTRELCN) were also determined.

2.5.2.3 Treatments, Services, Procedures, and Prescription Medicines (PHYSTH-MEDPRESC)

Types of treatments received during the office-based medical provider visit include physical therapy (PHYSTH), occupational therapy (OCCUPTH), speech therapy (SPEECHTH), chemotherapy (CHEMOTH), radiation therapy (RADIATTH), kidney dialysis (KIDNEYD), IV therapy (IVTHER), drug or alcohol treatment (DRUGTRT), allergy shots (RCVSHOT), and psychotherapy/counseling (PSYCHOTH). Services received during the visit included whether or not the person received lab tests (LABTEST), a sonogram or ultrasound (SONOGRAM), x-rays (XRAYS), a mammogram (MAMMOG), an MRI or a CAT scan (MRI), an electrocardiogram (EKG), an electroencephalogram (EEG), a vaccination (RCVVAC), anesthesia (ANESTH), or other diagnostic tests or exams (OTHSVCE). Minimal editing was done across treatment, services, and procedures to ensure consistency across inapplicables, not ascertained, don't know, refused, and no services received values. Whether or not a surgical procedure was performed during the visit was asked (SURGPROC) and, if so, the procedure name (SURGNAME). Finally, the questionnaire determined if a medicine was prescribed for the person during the visit (MEDPRESC).

2.5.2.4 Other Visit Details (VAPLACE)

VAPLACE is a constructed variable that indicates whether the provider worked at a VA facility. This variable only has valid data for providers that were sampled into the Medical Provider Component. All other providers are classified as unknown.

2.5.2.5 MPC Indicator (MPCELIG, MPCDATA)

MPCELIG is a constructed variable that indicates whether the office-based provider visit was eligible for MPC data collection. MPCDATA is a constructed variable that indicates whether or not MPC data was collected for the office-based provider.

2.5.3 Condition and Procedure Codes(OBICD1X-OBICD4X, OBPRO1X) and Clinical Classification Codes (OBCCC1X-OBCCC4X)

Information on household reported medical conditions and procedures associated with each office-based medical provider visit are provided on this file. There are up to four condition codes (OBICD1X-OBICD4X), one procedure code (OBPRO1X), and up to four clinical classification codes (OBCCC1X-OBCCC4X) listed for each office-based medical provider visit (82.7 % of office-based medical provider visits have 1-4 condition records linked). In order to obtain complete condition information associated with an event, the analyst must link to the Medical Conditions File. Details on how to link to the MEPS Medical Conditions File are provided in section 5.0. The user should note that due to confidentiality restrictions, provider reported condition information are not publicly available.

The medical conditions reported by the Household Component respondent were recorded by the interviewer as verbatim text, which were then coded to fully-specified 1997 ICD-9-CM codes, including medical condition and V codes (see Health Care Financing Administration, 1980), by professional coders. Although codes were verified and error rates did not exceed 2.5 percent for any coder, analysts should not presume this level of precision in the data; the ability of household respondents to report condition data that can be coded accurately should not be assumed (see Cox and Cohen, 1985; Cox and Iachan, 1987; Edwards, et al, 1994; and Johnson and Sanchez, 1993). For detailed information on conditions, please refer to the documentation on 1997 Medical Conditions File. For frequencies of conditions by event type, please see: the Appendix File.

The ICD-9-CM codes were aggregated into clinically meaningful categories. These categories, included on the file as OBCCC1X-OBCCC4X, were generated using Clinical Classification Software (formerly known as Clinical Classifications for Health Care Policy Research (CCHPR)), (Elixhauser, et al., 1998), which aggregates conditions and V-codes into 260 mutually exclusive categories, most of which are clinically homogeneous.

In order to preserve respondent confidentiality, nearly all of the condition codes provided on this file have been collapsed from fully-specified codes to 3-digit code categories. The reported ICD-9-CM code values were mapped to the appropriate clinical classification category prior to being collapsed to the 3-digit categories.

The condition codes (and clinical classification codes) and procedure codes linked to each office-based medical provider visit event are sequenced in the order in which the conditions were reported by the household respondent, which was in chronological order of occurrence and not in order of importance or severity. Analysts who use the Medical Conditions file in conjunction with this office-based medical provider visit file should note that the order of conditions on this file is not identical to that on Medical Conditions file.

2.5.3.1 Record Count Variable (NUMCOND)

The variable NUMCOND indicates the total number of condition and procedure records which can be linked from the Medical Conditions File to each office-based medical provider event record. For visits where no condition records linked (NUMCOND=0), the condition, procedure and clinical classification code variables all have a value of -1 INAPPLICABLE. Similarly, for visits without a linked second, third or fourth condition record, the corresponding second, third or fourth diagnosis and clinical classification code variable was set to -1 INAPPLICABLE.

In order to obtain complete condition information for events with NUMCOND greater than 4, the analyst must link to the MEPS Condition Files. See Section 5.0 for details on linking MEPS data files.

2.5.4 Flat Fee Variables

2.5.4.1 Definition of Flat Fee Payments

A flat fee is the fixed dollar amount a person is charged for a package of services provided during a defined period of time. Examples would be an obstetrician's fee covering a normal delivery, as well as pre- and post-natal care. A flat fee group is the set of medical services (i.e., events) that are covered under the same flat fee payment situation. The flat fee groups represented on this file includes flat fee groups where at least one of the health care events, as reported by the HC respondent, occurred during 1997. By definition a flat fee group can span multiple years and/or event types (e.g., hospital stay, physician office visit), and a single person can have multiple flat fee groups.

2.5.4.2 Flat Fee Variable Descriptions

There are several variables on this file that describe a flat fee payment situation and the number of medical events that are part of a flat fee group. As noted previously, for a person, the variable FFEEIDX can be used to identify all events, that are part of the same flat fee group. To identify such events, FFEEIDX should be used to link events from all 1997 MEPS event files (excluding prescribed medicines). For the office-based visits that are not part of a flat fee payment situation, the flat fee variables described below are all set to inapplicable (-1).

2.5.4.3 Flat Fee Type (FFOBTYP)

FFOBTYP indicates whether the 1997 office-based medical provider event is the “stem” or “leaf” of a flat fee group. A stem (records with FFOBTYP = 1) is the initial medical service (event) which is followed by other medical events that are covered under the same flat fee payment. The leaves of the flat fee group (records with FFOBTYP = 2) are those medical events that are tied back to the initial medical event (the stem) in the flat fee group.

2.5.4.4 Counts of Flat Fee Events that Cross Years (FFBEF97 – FFTOT98)

As described above, a flat fee payment situation covers multiple events and the multiple events could span multiple years. For situations where a 1997 office-based medical provider visit is part of a group of events, and some of the events occurred before 1997, counts of the known events are provided on the office-based medical provider event file record. Indicator variables are provided if some of the events occurred before or after 1997. These variables are:

FFBEF97 -- total number of pre-1997 events in the same flat fee group as the 1997 office-based medical provider event. This count would not include 1997 office-based medical provider visit.

FFTOT98 -- indicates whether or not there are 1998 medical events in the same flat fee group as the 1997 office-based medical provider event record.

2.5.4.5 Caveats of Flat Fee Groups

The user should note that flat fee payment situations are common with respect to office-based medical provider events. There are 3,917 office-based medical provider events that are identified as being part of a flat fee payment group. In order to correctly identify all events that are part of a flat fee group, the user should link all MEPS events, except the prescribed medicine file, using the variable FFEEIDX.

In general, every flat fee group should have an initial visit (stem) and at least one subsequent visit (leaf). There are some situations where this is not true. For some of these flat fee groups, the initial visit reported occurred in 1997 but the remaining visits that were part of this flat fee group occurred in 1998. In this case, the 1997 flat fee group represented on this file would consist of one event (the stem). The 1998 events that are part of this flat fee group are not represented on this file. Similarly, the household respondent may have reported a flat fee group where the initial visit began in 1996 but subsequent visits occurred during 1997. In this case, the initial visit would not be represented on the file. This 1997 flat fee group would then only consist of one or more leaf records and no stem. Another reason for which a flat fee group would not have a stem and a leaf record is that the stems or leaves could have been reported as different event types. In a small number of cases, there are flat fee groups that span various event types. The stem may have been reported as one event type and the leaves may have been reported as another event type.

2.5.5 Expenditure Data

2.5.5.1 Definition of Expenditures

Expenditures on files 1 and 2 refer to what is paid for health care services. More specifically, expenditures in MEPS are defined as the sum of payments for care received, including out of pocket payments and payments made by private insurance, Medicaid, Medicare and other sources. The definition of expenditures used in MEPS differs slightly from its predecessors: the 1987 NMES and 1977 NMCES surveys where “charges” rather than sum of payments were used to measure expenditures. This change was adopted because charges became a less appropriate proxy for medical expenditures during the 1990's due to the increasingly common practice of discounting. Although measuring expenditures as the sum of payments incorporates discounts in the MEPS expenditure estimates, the estimates do not incorporate any payment not directly tied to specific medical care visits, such as bonuses or retrospective payment adjustments paid by third party payers. Another general change from the two prior surveys is that charges associated with uncollected liability, bad debt, and charitable care (unless provided by a public clinic or hospital) are not counted as expenditures because there are no payments associated with those classifications. While charge data are provided on this file, analysts should use caution when working with this data because a charge does not typically represent actual dollars exchanged for services or the resource costs of those services, nor are they directly comparable to the resource costs of those services, nor are they directly comparable to the expenditures defined in the 1987 NMES (for details on expenditure definitions see Monheit et al, 1999).

2.5.5.2 Data Editing/Imputation Methodologies of Expenditure Variables

The expenditure data included on this file were derived from both the MEPS Household (HC) and Medical Provider Components (MPC). The MPC contacted medical providers identified by household respondents. The charge and payment data from medical providers was used in the

expenditure imputation process to supplement missing household data. For all office-based medical provider visits, MPC data were used if complete; otherwise HC data were used if complete. Missing data for office-based medical provider visits where HC data were not complete and MPC data were not collected or complete were derived through the imputation process.

2.5.5.3 General Imputation Methodology

Logical edits were used to resolve internal inconsistencies and other problems in the HC and MPC survey-reported data. The edits were designed to preserve partial payment data from households and providers, and to identify actual and potential sources of payment for each household-reported event.

In general, these edits accounted for outliers, co-payments or charges reported as total payments, and reimbursed amounts that were reported as out of pocket payments. In addition, edits were implemented to correct for mis-classifications between Medicare and Medicaid and between Medicare HMO's and private HMO's as payment sources. These edits produced a complete vector of expenditures for some events, and provided the starting point for imputing missing expenditures in the remaining events.

A weighted sequential hot-deck procedure was used to impute for missing expenditures as well as total charge. The procedure uses survey data from respondents to replace missing data, while taking into account the respondents' weighted distribution in the imputation process. Classification variables vary by event type in the hot-deck imputations, but total charge and insurance coverage are key variables in all of the imputations. Separate imputations were performed for nine categories of medical provider care: inpatient hospital stays; outpatient hospital department visits; emergency room visits; visits to physicians; visits to non-physician providers; dental services; home health care by certified providers; home health care by paid independents; and other medical expenses. After the imputations were finished, visits to physician and non-physician providers were combined into a single medical provider file. The two categories of home care also were combined into a single home health file.

2.5.5.4 Capitation Imputation

The imputation process was also used to make expenditure estimates at the event level for events that were paid on a capitated basis. The capitation imputation procedure was designed as a reasonable approach to complete event level expenditures for respondents in managed care plans. The procedure was conducted in two stages. First, HMO events reported in the MPC as covered by capitated arrangements were imputed using similar MPC HMO events that were paid on a fee-for-service basis, with total charge as a key variable. Then, this completed set of MPC events was used as the donor pool for unmatched household-reported events for sample persons' in HMOs. By using this strategy, capitated HMO events were imputed as if the provider were reimbursed from the HMO on a discounted fee-for-service basis.

2.5.5.5 Imputation Methodology for Office-based Medical Provider Events

Expenditures on visits of office-based medical providers were developed in a sequence of logical edits and imputations. “Household” edits were applied to sources and amounts of payment for all events reported by HC respondents. “MPC” edits were applied to provider-reported sources and amounts of payment for records matched to household-reported events. Both sets of edits were used to correct obvious errors in the reporting of expenditures. After the data from each source were edited, a decision was made as to whether household- or MPC-reported information would be used in the final editing and hot-deck imputations for missing expenditures. The general rule was that MPC data would be used for matched events, since providers usually have more complete and accurate data on sources and amounts of payment than households.

Separate imputations were performed for flat fee and simple events. Many physician visits were imputed as flat fee events because the charges covered a package of health care services. In some cases, all of the services were provided in the physician’s office. In other cases, the physician provided services in multiple settings such as his or her office and a hospital.

Logical edits also were used to sort each event into a specific category for the imputations. Events with complete expenditures were flagged as potential donors for the hot-deck imputations while events with missing expenditure data were assigned to various recipient categories. Each event was assigned to a recipient category based on its pattern of missing data. For example, an event with a known total charge but no expenditure information was assigned to one category, while an event with a known total charge and some expenditure information was assigned to a different category. Similarly, events without a known total charge were assigned to various recipient categories based on the amount of missing data.

The logical edits produced eight recipient categories for events with missing data. Expenditures were imputed through separate hot-deck imputations for each of the eight recipient categories. The donor pool in these imputations was restricted to events with complete expenditures from either the HC or the MPC. For most MPC-eligible event types, unmatched household events with complete data were not allowed to donate information to other events because the MPC data were considered to be more reliable. However, this restriction was relaxed in order to increase the size of the donor pool for physician visits with missing expenditures and because household reported data for physician visits was in general more reliable than for hospital-based events..

The donor pool included “free events” because, in some instances, providers are not paid for their services. These events represent charity care, bad debt, provider failure to bill, and third party payer restrictions on reimbursement in certain circumstances. If free events were excluded from the donor pool, total expenditures would be over-counted because the cost of free care would be implicitly included in paid events and explicitly included in events that should have been treated as free from provider.

2.5.5.6 Flat Fee Expenditures

The approach used to count expenditures for flat fees was to place the expenditure on the first visit of the flat fee group. The remaining visits have zero payments. Thus, if the first visit in the flat fee group occurred prior to 1997, all of the events that occurred in 1997 will have zero payments. Conversely, if the first event in the flat fee group occurred at the end of 1997, the total expenditure for the entire flat fee group will be on that event, regardless of the number of events it covered after 1997.

2.5.5.7 Zero Expenditures

There are some medical events reported by respondents where the payments were zero. This could occur for several reasons including (1) free care was provided, (2) bad debt was incurred, (3) care was covered under a flat fee arrangement beginning in an earlier year, or (4) follow-up visits were provided without a separate charge (e.g. after a surgical procedure). If all of the medical events for a person fell into one of these categories, then the total annual expenditures for that person would be zero.

2.5.5.8 Discount Adjustment Factor

An adjustment was also applied to some HC reported expenditure data because an evaluation of matched HC/MPC data showed that respondents who reported that charges and payments were equal were often unaware that insurance payments for the care had been based on a discounted charge. To compensate for this systematic reporting error, a weighted sequential hot-deck imputation procedure was implemented to determine an adjustment factor for HC reported insurance payments when charges and payments were reported to be equal. As for the other imputations, selected predictor variables were used to form groups of donor and recipient events for the imputation process.

2.5.5.9 Sources of Payment

In addition to total expenditures, variables are provided which itemize expenditures according to major source of payment categories. These categories are:

1. Out of pocket by user or family
2. Medicare
3. Medicaid
4. Private Insurance
5. Veteran's Administration, excluding CHAMPVA
6. CHAMPUS or CHAMPVA

7. Other Federal sources - includes Indian Health Service, Military Treatment Facilities, and other care by the Federal government
8. Other State and Local Source - includes community and neighborhood clinics, State and local health departments, and State programs other than Medicaid.
9. Worker's Compensation
10. Other Unclassified Sources - includes sources such as automobile, homeowner's, liability, and other miscellaneous or unknown sources.

Two additional sources of payment variables were created to classify payments for events with apparent inconsistencies between insurance coverage and sources of payment based on data collected in the survey. These variables include:

11. Other Private - any type of private insurance payments reported for persons not reported to have any private health insurance coverage during the year as defined in MEPS; and
12. Other Public - Medicaid payments reported for persons who were not reported to be enrolled in the Medicaid program at any time during the year.

Though relatively small in magnitude, users should exercise caution when interpreting the expenditures associated with these two additional sources of payment. While these payments stem from apparent inconsistent responses to health insurance and source of payment questions in the survey, some of these inconsistencies may have logical explanations. For example, private insurance coverage in MEPS is defined as having a major medical plan covering hospital and physician services. If a MEPS sampled person did not have such coverage but had a single service type insurance plan (e.g. dental insurance) that paid for a particular episode of care, those payments may be classified as "other private". Some of the "other public" payments may stem from confusion between Medicaid and other state and local programs or may be persons who were not enrolled in Medicaid, but were presumed eligible by a provider who ultimately received payments from the program.

Users should also note that the Other Public and Other private source of payment categories only exist on File 1 for imputed expenditure data since they were created through the editing/imputation process. File 2 reflect 10 sources of payment as they were collected through the survey instrument.

2.5.5.10 Imputed Office- Based Expenditure Variables (OBSF97X - OBXP97X)

There are 13 expenditure variables included on this event file. All of these expenditures have gone through an editing and imputation process and have been rounded to the second decimal place. There is a sum of payments variable (OBXP97X) which for each office-based medical provider visit sums all the expenditures from the various source of payment. The 12 sources of payment expenditure variables for each office-based medical provider visit are the following: amount paid by self or family (OBSF97X), amount paid by Medicare (OBMR97X), amount paid by Medicaid (OBMD97X),

amount paid by private insurance (OBPV97X), amount paid by Veterans Administration (OBVA97X), amount paid by CHAMPUS/CHAMPVA (OBCH97X), amount paid other federal sources (OBOF97X), amount paid by state and local (non-federal) government sources (OBSL97X), amount paid by Worker's Compensation (OBWC97X), and amount paid by some other source of insurance (OBOT97X). As mentioned previously, there are two additional expenditure variables called OBOR97X and OBOU97X (other private and other public respectively). These two expenditure variables were created to maintain consistency between what the household reported as their private and public insurance status for hospitalization and physician coverage.

2.5.5.11 Rounding

Expenditure variables on File 1 have been rounded to the nearest penny. Person-level expenditure information released will be rounded to the nearest dollar. It should be noted that using the MEPS event files to create person-level totals will yield slightly different totals than those found on person level expenditure file. These differences are due to rounding only. Moreover, in some instances, the number of persons having expenditures on the event files for a particular source of payment may differ from the number of persons with expenditures on the person-level expenditure file for that source of payment. This difference is also an artifact of rounding only. Please see the 1997 Appendix File for details on such rounding differences.

2.5.5.12 Imputation Flags (IMPOBSLF - IMPOBCHG)

The variables IMPOBSLF-IMPOBCHG identify records where the office-based provider expense have been imputed using the methodologies outlined in this document. When a record was identified as being the leaf of a flat fee or it was a telephone visit, the values of all imputation flags were set to "0" (not imputed) since they were not included in the imputation process. In cases where an amount is 0 and the imputation flag is 1, the 0 payment is because either it is imputed to be zero or its potential source is imputed as not paying for the service. Therefore the corresponding amount is set to zero.

2.6 File 2 Contents: Pre-imputed Expenditure Variables

Pre-imputed expenditure data are provided on file 2. Pre-imputed means that only a series of logical edits were applied to the data to correct for several problems including outliers, copayments or charges reported as total payments, and reimbursed amounts counted as out of pocket payments. Edits were also implemented to correct for misclassifications between Medicare and Medicaid and between Medicare HMO's and private HMO's as payment sources as well as a number of other data inconsistencies that could be resolved through logical edits. This file contains no imputed data.

Included on File 2 is the variable HHSFFIDX, which is the original flat fee identifier that was derived during the household interview. This identifier should only be used if the analyst is interested in performing their own expenditure imputation.

The user should note that there are 10 sources of payment variables in the pre-imputed expenditure data, while the imputed expenditure data on File 1 contains 12 sources of payment variables. The additional two sources of payment (which are not reported as separate sources of payment through the data collection) are Other Private and Other Public. These source of payment categories were constructed to resolve apparent inconsistencies between individuals' reported insurance coverage and their sources of payment for specific events. File 2 also includes a variable indicating uncollected liability. Uncollected liability was not used in imputation.

3.0 Sample Weights and Variance Estimation Variables (WTDPER97-VARPSU97)

3.1 Overview

There is a single full year person-level weight (WTDPER97) included on both files 1 and 2. A person-level weight was assigned to each office-based medical provider visit reported by a key, in-scope person who responded to MEPS for the full period of time that he or she was in-scope during 1997. A key person either was a member of an NHIS household at the time of the NHIS interview, or became a member of such a household after being out-of-scope at the time of the NHIS interview (examples of the latter situation include newborns and persons returning from military service, an institution, or living outside the United States). A person is in-scope whenever he or she is a member of the civilian noninstitutionalized portion of the U.S. population.

3.2 Details on Person Weights Construction

The person-level weight WTDPER97 was developed in three stages. A person level weight for panel 2 was created, including both an adjustment for nonresponse over time and poststratification, controlling to Current Population Survey (CPS) population estimates based on five variables. Variables used in the establishment of person-level poststratification control figures included: census region (Northeast, Midwest, South, West); MSA status (MSA, non-MSA); race/ethnicity (Hispanic, black but non-Hispanic, and other); sex; and age. Then a person level weight for Panel 1 was created, again including an adjustment for nonresponse over time and poststratification, again controlling to CPS population estimates based on the same five variables. When poverty status information derived from income variables became available, a 1997 composite weight was formed from the panel 1 and panel 2 weights by multiplying the Panel weights by .5.

The panel specific weights described below in sections 3.2.1 and 3.2.2 are not available on the current file. This additional information is provided for your reference only. In order to determine

which panel a sampled person was in, users must link to the 1997 Full Year Population Characteristics file to obtain the variable PANEL97.

3.2.1 MEPS Panel 1 Weight

The person level weight for MEPS Panel 1 was developed using the 1996 full year weight for an individual as a “base” weight for survey participants present in 1996. For key, in-scope respondents who joined an RU some time in 1997 after being out-of-scope in 1996, the 1996 family weight associated with the family the person joined served as a “base” weight. The weighting process included an adjustment for nonresponse over Rounds 4 and 5 as well as poststratification to population control figures for December, 1997. These control figures were derived by scaling back the population totals obtained from the March 1998 CPS to reflect the December, 1997 CPS estimated population distribution across age and sex categories as of December, 1997. Variables used in the establishment of person level poststratification control figures included: census region (Northeast, Midwest, South, West); MSA status (MSA, non-MSA); race/ethnicity (Hispanic, black but non-Hispanic, and other); sex, and age. Overall, the weighted population estimate for the civilian, noninstitutionalized population on December 31, 1997 is 267,704,802. Key, responding persons not in-scope on December 31, 1997 but in-scope earlier in the year retained, as their final Panel 1 weight, the weight after the nonresponse adjustment.

3.2.2 MEPS Panel 2 Weight

The person level weight for MEPS Panel 2 was developed using the MEPS Round 1 person-level weight as a “base” weight. For key, in-scope respondents who joined an RU after Round 1, the Round 1 family weight served as a “base” weight. The weighting process included an adjustment for nonresponse over Round 2 and the 1997 portion of Round 3 as well as poststratification to the same population control figures for December 1997 used for the MEPS Panel 1 weights. The same five variables employed for Panel 1 poststratification (census region, MSA status, race/ethnicity, sex, and age) were used for Panel 2 poststratification. Similarly, for Panel 2, key, responding persons not in-scope on December 31, 1997 but in-scope earlier in the year retained, as their final Panel 2 weight, the weight after the nonresponse adjustment.

Note that the MEPS round 1 weights (for both panels with one exception as noted below) incorporated the following components: the original household probability of selection for the NHIS; ratio-adjustment to NHIS-based national population estimates at the household (occupied dwelling unit) level; the probability of selection of dwelling units associated with the oversampling of five population domains of analytic interest (for Panel 2 only); adjustment for nonresponse at the dwelling unit level for Round 1; and poststratification to figures at the family and person level obtained from the March 1997 CPS data base. The five oversampled domains for Panel 2 were households with: persons with functional impairments; children with limitations

in activity; individuals 18-64 expected to incur high medical expenditures based on a statistical model; persons with family incomes expected to be below 200 percent of poverty based on a statistical model; and adults with other impairments.

3.2.3 The Final Weight for 1997

Variables used in the establishment of person level poststratification control figures included: poverty status (below poverty, from 100 to 125 percent of poverty, from 125 to 200 percent of poverty, from 200 to 400 percent of poverty, at least 400 percent of poverty); census region (Northeast, Midwest, South, West); MSA status (MSA, non-MSA); race/ethnicity (Hispanic, black but non-Hispanic, and other); sex, and age. Overall, the weighted population estimate for the civilian, noninstitutionalized population for December 31, 1997 is 267,704,802 (WTDPER97>0 and INSC1231=1). The inclusion of key, in-scope persons who were not in-scope on December 31, 1997 brings the estimated total number of persons represented by the MEPS respondents over the course of the year up to 271,278,585 (WTDPER97>0). The weighting process included poststratification to population totals obtained from the 1996 MEPS Nursing Home Component for the number of individuals admitted to nursing homes. For the 1996 full year file an additional poststratification was done to population totals obtained from the 1996 Medicare Current Beneficiary Survey (MCBS) for the number of deaths among Medicare beneficiaries experienced in the 1996 MEPS. However, in 1997 the difference between the MEPS and MCBS estimates was not statistically significant, and no adjustment was made.

3.2.4 Coverage

The target population for MEPS in this file is the 1997 U.S. civilian, noninstitutionalized population. However, the MEPS sampled households are a subsample of the NHIS households interviewed in 1995 (Panel 1) and 1996 (Panel 2). New households created after the NHIS interviews for the respective Panels and consisting exclusively of persons who entered the target population after 1995 (Panel 1) or after 1996 (Panel 2) are not covered by MEPS. These would include families consisting solely of: immigrants; persons leaving the military; U.S. citizens returning from residence in another country; and persons leaving institutions. It should be noted that this set of uncovered persons constitutes only a tiny proportion of the MEPS target population.

4.0 Strategies for Estimation

This file is constructed for efficient estimation of utilization, expenditure, and sources of payment for office-based medical provider events and to allow for estimates of number of persons with office-based medical provider utilization for 1997.

4.1 Variables with Missing Values

It is essential that the analyst examine all variables for the presence of negative values used to represent missing values. For example, a record with a value of -8 for the first ICD9 condition/procedure code (OBICD1X) indicates that the condition was reported as unknown.

For continuous or discrete variables, where means or totals may be taken, it may be necessary to set minus values to values appropriate to the analytic needs. That is, the analyst should either impute a value or set the value to one that will be interpreted as missing by the computing language used. For categorical and dichotomous variables, the analyst may want to consider whether to recode or impute a value for cases with negative values or whether to exclude or include such cases in the numerator and/or denominator when calculating proportions.

Methodologies used for the editing/imputation of expenditure variables (e.g. sources of payment flat fee, and zero expenditures) are described in section 2.5.5.

4.2 Basic Estimates of Utilization, Expenditure and Source of Payment

While the examples described below illustrate the use of event level data in constructing person-level total expenditures, these estimates can also be derived from the person-level expenditure file unless the characteristic of interest is event specific.

In order to produce national estimates related to office-based medical provider visits, expenditure and sources of payment, the value in each record contributing to the estimates must be multiplied by the weight (WTDPER97) contained on that record.

For example, the total number of office-based medical provider visits, for the civilian non-institutionalized population of the U.S. in 1997, is estimated as the sum of the weight (WTDPER97) across all office-based medical provider records. That is,

$$\sum W_j = 1,248,162,595 \quad (1)$$

Various estimates can be produced based on specific variables and subsets of records. For example, the estimate for the mean out-of-pocket payment per office-based medical provider visit should be calculated as the weighted mean of the office-based provider's bill paid by self/family. That is,

$$\bar{X} = (\sum W_j X_j) / (\sum W_j) = \$20.74 \quad (2)$$

where $X_j = \text{OBSF97}X_j$ and $\sum W_j = 1,135,720,566$
for all office-based medical provider records with $\text{OBXP97}X_j > 0$.

This gives \$20.74 as the estimated mean amount of out-of-pocket payment of expenditures associated with office-based medical provider visit and 1,135,720,566 as an estimate of the total number of office-based medical provider visits with expenditure. Both of these estimates are for the civilian non-institutionalized population of the U.S. in 1997.

Another example would be to estimate the average proportion of total expenditures paid by private insurance for office-based medical provider visits. This should be calculated as the weighted mean of proportion of total expenditures paid by private insurance at the provider visit level. That is

$$\bar{Y} = (\sum W_j Y_j) / (\sum W_j) = 0.4001, \tag{3}$$

where $Y_j = \frac{\text{OBPV96}X_j}{\text{OBXP96}X_j}$ and $\sum W_j = 1,135,720,566$,

for all office-based medical provider recorders with $\text{OBXP97}X_j > 0$.

This gives 0.4001 as the estimated mean proportion of total expenditures paid by private insurance for office-based medical provider visits with expenditures for the civilian non-institutionalized population of the U.S. in 1997.

4.3 Estimates of the Number of Persons with Office-Based Medical Provider Visits

When calculating an estimate of the total number of persons with office-based medical provider events, users can use a person-level file or the current file. However, the current file must be used, when the measure of interest is defined at the event level. For example, to estimate the number of office-based medical provider visits in person and not by telephone, the current file must be used. This would be estimated as,

$$\sum W_i X_i \quad \text{across all unique persons } i \text{ on this file,} \tag{4}$$

where

W_i is the sampling weight(WTDPER97) for person i

and

$X_i = 1$ if SEETLKPV EQ 1 for any visits of person i
 $= 0$ otherwise.

4.4 Person-Based Ratio Estimates

4.4.1 Person-Based Ratio Estimates Relative to Persons with Office-Based Medical Provider Visits

This file may be used to derive person-based ratio estimates. However, when calculating ratio estimates where the denominator is persons, care should be taken to properly define the unit of analysis up to person-level. For example, the mean expense for persons with office-based medical provider visits is estimated as,

$$(\sum W_i Z_i) / (\sum W_i) \quad \text{across all unique persons } i \text{ on this file,} \quad (5)$$

where

W_i is the sampling weight(WTDPER97) for person i

and

$$Z_i = \sum \text{OBXP96}X_j \quad \text{across all visits for person } i.$$

4.4.2 Person-Based Ratio Estimates Relative to the Entire Population

If the ratio relates to the entire population, this file cannot be used to calculate the denominator, as only those persons with at least one office-based medical provider visits are represented on this data file. In this case, a 1997 person level file, which has data for all sampled persons, must be used to estimate the total number of persons (i.e. those with visits and those without visits). For example, to estimate the proportion of civilian non-institutionalized population of the U.S. with at least one in person office-based medical provider visit, the numerator would be derived from data on the current file, and the denominator should be derived from data on the 1997 person-level file. That is,

$$\left(\sum W_i Z_i \right) / \left(\sum W_i \right) \quad \text{across all unique persons } i \text{ on the 1997 person-level file,} \quad (6)$$

where

W_i is the sampling weight(WTDPER97) for person i

and

$$\begin{aligned} Z_i &= 1 \quad \text{if SEETLKPV}_j \text{ EQ 1 for any visits of person } i \text{ on the office-based medical} \\ &\quad \text{provider event-level file} \\ &= 0 \quad \text{otherwise for all remaining persons on the 1997 person-level file.} \end{aligned}$$

Prior to estimation users will need to take into consideration that 71 records have a missing value for SEETLKPV.

4.5 Sampling Weights for Merging Previous Releases of MEPS Household Data with the Current Data File

There have been several previous releases of MEPS Household Survey public use data. Unless a variable name common to several tapes is provided, the sampling weights contained on these data files are file-specific. The file-specific weights reflect minor adjustments to eligibility and response indicators due to birth, death, or institutionalization among respondents.

For estimates from a MEPS data file that do not require merging with variables from other MEPS data files, the sampling weight(s) provided on that data file are the appropriate weight(s). When merging a MEPS Household data file to another, the major analytical variable (i.e. the dependent variable) determines the correct sampling weight to use.

4.6 Variance Estimation

To obtain estimates of variability (such as the standard error of sample estimates or corresponding confidence intervals) for estimates based on MEPS survey data, one needs to take into account the complex sample design of MEPS. Various approaches can be used to develop such estimates of variance including use of the Taylor series or various replication methodologies. Replicate weights have not been developed for the MEPS 1997 data. Variables needed to implement a Taylor series estimation approach are described in the paragraph below.

Using a Taylor Series approach, variance estimation strata and the variance estimation PSUs within these strata must be specified. The corresponding variables on the MEPS full year utilization database are VARSTR97 and VARPSU97, respectively. Specifying a “with replacement” design in a computer software package such as SUDAAN (Shah, 1996) should provide standard errors appropriate for assessing the variability of MEPS survey estimates. It should be noted that the number of degrees of freedom associated with estimates of variability indicated by such a package may not appropriately reflect the actual number available. For MEPS sample estimates for characteristics generally distributed throughout the country (and thus the sample PSUs), there are over 100 degrees of freedom associated with the corresponding estimates of variance. The following illustrates these concepts using two examples from Section 4.2.

Example 2 from Section 4.2

Using a Taylor series approach, specifying VARSTR97 and VARPSU97 as the variance estimation strata and PSUs (within these strata) respectively and specifying a “with replacement” design in the computer software package SUDAAN will yield an estimate of standard error of \$0.92 for the estimated mean of out-of-pocket payment.

Example 3 from Section 4.2

Using a Taylor Series approach, specifying VARSTR97 and VARPSU97 as the variance

estimation strata and PSUs (within these strata) respectively and specifying a “with replacement” design in the computer software package SUDAAN will yield an estimate of standard error of 0.0068 for the weighted mean proportion of total expenditures paid by private insurance.

5.0 Merging/Linking MEPS Data Files

Data from this file can be used alone or in conjunction with other files. This section provides instructions for linking the office-based medical provider visits with other MEPS public use files, including the conditions file, the prescribed medicines file, and a person-level file.

5.1 Linking a Person-Level File to the Office-Based Medical Provider Visit File

Merging characteristics of interest from other MEPS files (e.g., 1997 Full Year Population Characteristics File) expands the scope of potential estimates. For example, to estimate the total number of office-based medical provider visits of persons with specific characteristics (e.g., age, race, and sex), population characteristics from a person-level file need to be merged onto the office-based medical provider file. This procedure is illustrated below. The 1997 Appendix File provides additional details on how to merge MEPS data files.

1. Create data set PERSX by sorting the Full Year Population Characteristics File (file, HCXXX, by the person identifier, DUPERSID. Keep only variables to be merged on to the office-based medical provider visit file and DUPERSID.
2. Create data set OBMP by sorting the office-based medical provider visit file by person identifier, DUPERSID.
3. Create final data set NEWOBMP by merging these two files by DUPERSID, keeping only records on the office-based medical provider visit file.

The following is an example of SAS code which completes these steps:

```
PROC SORT DATA=HCXXX(KEEP=DUPERSID AGE SEX RACE)
OUT=PERSX;
  BY DUPERSID;
RUN;
```

```
PROC SORT DATA=OBMP;
  BY DUPERSID;
RUN;
```

```
DATA NEWOBMP;
  MERGE OBMP (IN=A) PERSX(IN=B);
```

BY DUPERSID;
IF A;
RUN;

5.2 Linking the Office-Based Medical Provider Visit file to the Medical Conditions File and/or the Prescribed Medicines File

Due to survey design issues, there are limitations/caveats that an analyst must keep in mind when linking the different files. This limitations/caveats are listed below. For detailed linking examples including SAS code, analyst should refer to the Appendix file.

5.3 Limitations/Caveats of RXLK (the Prescribed Medicine Link File)

The RXLK file provides a link from the prescribed medicine records to the other event files . When using RXLK, analysts should keep in mind that one office-based medical visit can link to more than one prescribed medicine record. Conversely, a prescribed medicine event may link to more than one office-based medical visits or different types of events. When this occurs, it is up to the analyst to determine how the prescribed medicine expenditures should be allocated among those medical events.

5.4 Limitations/Caveats of CLNK (the Medical Conditions Link File)

The CLNK provides a link from MEPS event files to the Medical Conditions File. When using the CLNK, analysts should keep in mind that (1) conditions are self-reported and (2) there may be multiple conditions associated with a office-based medical provider visit. Users should also note that not all office-based medical provider visits link to the condition file.

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Attachment 1

Definitions

Dwelling Units, Reporting Units, Families, and Persons – The definitions of Dwelling Units (DUs) and Group Quarters in the MEPS Household Survey 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.

A Reporting Unit (RU) is a person or a group of persons in the sampled dwelling unit who is related by blood, marriage, adoption or other family association, and who is to be interviewed as a group in MEPS. Thus, the RU serves chiefly as a family-based “survey operations” unit rather than an analytic unit. Regardless of the legal status of their association, two persons living together as a “family” unit were treated as a single reporting unit if they chose to be so identified.

Unmarried college students under 24 years of age, who usually live in the sampled household but were living away from home and going to school at the time of the Round 1 MEPS interview, were treated as a Reporting Unit separate from that of their parents for the purpose of data collection. These variables can be found on MEPS person-level files.

In-Scope—A person was classified as in-scope (INSCOPE) if he or she was a member of the U.S. civilian, non-institutionalized population at some time during the Round 1 interview. This variable can be found on MEPS person-level files.

Keyness—The term “keyness” is related to an individual’s chance of being included in MEPS. A person is key if that person is appropriately linked to the set of NHIS sampled households designated for inclusion in MEPS. Specifically, a key person either was a member of an NHIS household at the time of the NHIS interview or became a member of such a household after being out-of-scope prior to joining that household (examples of the latter situation include newborns and persons returning from military service, persons returning from an institution, or persons living outside the United States).

A non-key person is one whose chance of selection for the NHIS (and MEPS) was associated with a household that was eligible but not sampled for the NHIS, who happened to have become a member of a MEPS reporting unit by the time of the MEPS Round 1 interview. MEPS data, (e.g., utilization and income) were collected for the period of time a non-key person was part of the sampled unit to permit family level analyses. However, non-key persons who leave a sample household would not be recontacted for subsequent interviews. Non-key individuals are not part of the target sample used to obtain person-level national estimates.

It should be pointed out that a person may be key even though not part of the civilian, non-institutionalized portion of the U.S population. For example, a person in the military may be living with his or her civilian spouse and children in a household sampled for the NHIS. The person in the military would be considered a key person for MEPS. However, such a person would not receive a person-level sample weight so long as he or she was in the military. All key persons who participated in the first round of a MEPS Panel received a person-level sample weight except those who were in the military. The variable indicating “keyness” is KEYNESS. This variable can be found on MEPS person-level files.

Eligibility–The eligibility of a person for MEPS pertains to whether or not data were to be collected for that person. All key, in-scope persons of a sampled RU were eligible for data collection. The only non-key persons eligible for data collection were those who happened to be living in the same RU as one or more key persons, and their eligibility continued only for the time that they were living with a key person. The only out-of-scope persons eligible for data collection were those who were living with key in-scope persons, again only for the time they were living with a key person. Only military persons meet this description. A person was considered eligible if they were eligible at any time during Round 1. The variable indicating “eligibility” is ELIGRND1, where 1 is coded for persons eligible for data collection for at least a portion of the Round 1 reference period, and 2 is coded for persons not eligible for data collection at any time during the first round reference period. This variable can be found on MEPS person-level files.

Pre-imputed - This means that only a series of logical edits were applied to the HC data to correct for several problems including outliers, co-payments or charges reported as total payments, and reimbursed amounts counted as out-of-pocket payments. Missing data remains.

Unimputed - This means that only a series of logical edits were applied to the MPC data to correct for several problems including outliers, co-payments or charges reported as total payments, and reimbursed amounts counted as out-of-pocket payments. These data were used as the imputation source to account for missing HC data.

Imputation - A method of estimating values for cases with missing data. Hot-deck imputation creates a data set with complete data for all nonrespondent cases, by substituting the data from a respondent case that resembles the nonrespondent on certain known variables.

D. Codebooks

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ALPHABETICAL AND POSITIONAL LISTING OF VARIABLES

-----ALPHABETICAL LISTING OF VARIABLES-----

START	END	NAME	DESCRIPTION
104	105	ANESTH	THIS VISIT DID P RECEIVE ANESTHESIA
74	75	CHEMOTH	THIS VISIT DID P HAVE CHEMOTHERAPY
62	63	DOCATLOC	ANY MD WORK AT LOCATION WHERE P SAW PROV
82	83	DRUGTRT	TREATMENT FOR DRUG OR ALCOHOL
1	5	DUID	DWELLING UNIT ID
9	16	DUPERSID	PERSON ID (DUID+PID)
100	101	EEG	THIS VISIT DID P HAVE A EEG
98	99	EKG	THIS VISIT DID P HAVE AN EKG OR ECG
29	29	EVENTRN	EVENT ROUND NUMBER
17	28	EVNTIDX	EVENT ID
145	146	FFBEF97	TOTAL # OF VISITS IN FF BEFORE 1997
30	41	FFEEIDX	FLAT FEE ID
143	144	FFOBTYP	FLAT FEE BUNDLE
147	148	FFTOT98	TOTAL # OF VISITS IN FF AFTER 1997
263	263	IMPOBCHG	IMPUTATION STATUS OF OBTC97X
256	256	IMPOBCHM	IMPUTATION FLAG FOR OBCH97X
253	253	IMPOBMCD	IMPUTATION FLAG FOR OBMD97X
252	252	IMPOBMCR	IMPUTATION FLAG FOR OBMR97X
257	257	IMPOBOFD	IMPUTATION FLAG FOR OBOF97X
260	260	IMPOBOPR	IMPUTATION STATUS OF OBOR97X
261	261	IMPOBOPU	IMPUTATION STATUS OF OBOU97X
262	262	IMPOBOTH	IMPUTATION FLAG FOR OBOT97X
254	254	IMPOBPRV	IMPUTATION FLAG FOR OBPV97X
251	251	IMPOBSLF	IMPUTATION FLAG FOR OBSF97X
258	258	IMPOBSTL	IMPUTATION FLAG FOR OBSL97X
255	255	IMPOBVA	IMPUTATION FLAG FOR OBVA97X
259	259	IMPOBWCP	IMPUTATION FLAG FOR OBWC97X
80	81	IVTHER	THIS VISIT DID P HAVE IV THERAPY
78	79	KIDNEYD	THIS VISIT DID P HAVE KIDNEY DIALYSIS
88	89	LABTEST	THIS VISIT DID P HAVE LAB TEST
94	95	MAMMOG	THIS VISIT DID P HAVE A MAMMOGRAM
112	113	MEDPRES	ANY MEDICINE PRESCRIBED FOR P THIS VISIT
58	59	MEDPTYPE	TYPE OF MED PERSON P TALKED TO ON VST DT
43	43	MPCDATA	MPC DATA FLAG
42	42	MPCELIG	MPC ELIGIBILITY FLAG
96	97	MRI	THIS VISIT DID P HAVE AN MRI/CATSCAN
141	142	NUMCOND	TOTAL # COND RECORDS LINKED TO THIS EVNT
129	131	OBCCC1X	MODIFIED CLINICAL CLASSIFICATION CODE
132	134	OBCCC2X	MODIFIED CLINICAL CLASSIFICATION CODE
135	137	OBCCC3X	MODIFIED CLINICAL CLASSIFICATION CODE
138	140	OBCCC4X	MODIFIED CLINICAL CLASSIFICATION CODE
186	193	OBCH97X	AMOUNT PAID, CHAMPUS/CHAMPVA (IMPUTED)
50	51	OBDATEDD	EVENT DATE - DAY
48	49	OBDATEMM	EVENT DATE - MONTH
44	47	OBDATEYR	EVENT DATE - YEAR
115	117	OBICD1X	3 DIGIT ICD-9 CONDITION CODE
118	120	OBICD2X	3 DIGIT ICD-9 CONDITION CODE
121	123	OBICD3X	3 DIGIT ICD-9 CONDITION CODE
124	126	OBICD4X	3 DIGIT ICD-9 CONDITION CODE
164	170	OBMD97X	AMOUNT PAID, MEDICAID (IMPUTED)
156	163	OBMR97X	AMOUNT PAID, MEDICARE (IMPUTED)
194	200	OBOF97X	AMOUNT PAID, OTHER FEDERAL (IMPUTED)
215	221	OBOR97X	AMOUNT PAID, OTHER PRIVATE (IMPUTED)
228	234	OBOT97X	AMOUNT PAID, OTHER INSURANCE (IMPUTED)
222	227	OBOU97X	AMOUNT PAID, OTHER PUBLIC (IMPUTED)
127	128	OBPRO1X	2 DIGIT ICD-9 PROCEDURE CODE
171	178	OBPV97X	AMOUNT PAID, PRIVATE INSURANCE (IMPUTED)
149	155	OBSF97X	AMOUNT PAID, FAMILY (IMPUTED)
201	207	OBSL97X	AMOUNT PAID, STATE & LOCAL GOV (IMPUTED)

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ALPHABETICAL AND POSITIONAL LISTING OF VARIABLES

-----ALPHABETICAL LISTING OF VARIABLES-----

START	END	NAME	DESCRIPTION
243	250	OBTC97X	HHLD REPORTED TOTAL CHARGE (IMPUTED)
179	185	OBVA97X	AMOUNT PAID, VETERANS (IMPUTED)
208	214	OBWC97X	AMOUNT PAID, WORKERS COMP (IMPUTED)
235	242	OBXP97X	SUM OF OBSF97X-OBOT97X (IMPUTED)
70	71	OCCUPTH	DID P HAVE OCCUPATIONAL THERAPY
106	107	OTHSVCE	OTHER DIAGNOSTIC TESTS/EXAMS
68	69	PHYSTH	THIS VISIT DID P HAVE PHYSICAL THERAPY
6	8	PID	PERSON NUMBER
86	87	PSYCHOTH	DID P HAVE PSYCHOTHERAPY/COUNSELING
76	77	RADIATTH	THIS VISIT DID P HAVE RADIATION THERAPY
84	85	RCVSHOT	THIS VISIT DID P RECEIVE ALLERGY SHOT
102	103	RCVVAC	THIS VISIT DID P RECEIVE VACCINATION
54	55	REFERDBY	REFERRED BY ANOTHER PHYSICIAN
56	57	SEEDOC	TALK TO MD THIS VISIT/PHONE CALL
52	53	SEETLKPV	DID P VISIT PROV IN PERSON OR TELEPHONE
90	91	SONOGRAM	DID P HAVE SONOGRAM OR ULTRASOUND
72	73	SPEECHTH	THIS VISIT DID P HAVE SPEECH THERAPY
110	111	SURGNAME	SURGICAL PROCEDURE NAME IN CATEGORIES
108	109	SURGPROC	WAS SURGICAL PROCEDURE PERFORMED ON P
60	61	TIMESPNT	TIME SPENT WITH DOCTOR/MEDICAL PERSON
114	114	VAPLACE	VA FACILITY FLAG
276	277	VARPSU97	VARIANCE ESTIMATION PSU,1997
278	280	VARSTR97	VARIANCE ESTIMATION STRATUM,1997
64	65	VSTCTGRY	BEST CATEGORY FOR CARE P HAVE ON VST DT
66	67	VSTRELCN	VISIT/PHONE CALL RELATED TO CONDITION
264	275	WTDPER97	POVERTY/MORTALITY ADJ PERS LEVL WGT,1997
92	93	XRAYS	THIS VISIT DID P HAVE X-RAYS

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ALPHABETICAL AND POSITIONAL LISTING OF VARIABLES

-----POSITIONAL LISTING OF VARIABLES-----

START	END	NAME	DESCRIPTION
1	5	DUID	DWELLING UNIT ID
6	8	PID	PERSON NUMBER
9	16	DUPERSID	PERSON ID (DUID+PID)
17	28	EVNTIDX	EVENT ID
29	29	EVENTRN	EVENT ROUND NUMBER
30	41	FFEEIDX	FLAT FEE ID
42	42	MPCELIG	MPC ELIGIBILITY FLAG
43	43	MPCDATA	MPC DATA FLAG
44	47	OBDATEYR	EVENT DATE - YEAR
48	49	OBDATEMM	EVENT DATE - MONTH
50	51	OBDATEDD	EVENT DATE - DAY
52	53	SEETLKPV	DID P VISIT PROV IN PERSON OR TELEPHONE
54	55	REFERDBY	REFERRED BY ANOTHER PHYSICIAN
56	57	SEEDOC	TALK TO MD THIS VISIT/PHONE CALL
58	59	MEDPTYPE	TYPE OF MED PERSON P TALKED TO ON VST DT
60	61	TIMESPNT	TIME SPENT WITH DOCTOR/MEDICAL PERSON
62	63	DOCATLOC	ANY MD WORK AT LOCATION WHERE P SAW PROV
64	65	VSTCTGRY	BEST CATEGORY FOR CARE P HAVE ON VST DT
66	67	VSTRELCN	VISIT/PHONE CALL RELATED TO CONDITION
68	69	PHYSTH	THIS VISIT DID P HAVE PHYSICAL THERAPY
70	71	OCCUPTH	DID P HAVE OCCUPATIONAL THERAPY
72	73	SPEECHTH	THIS VISIT DID P HAVE SPEECH THERAPY
74	75	CHEMOTH	THIS VISIT DID P HAVE CHEMOTHERAPY
76	77	RADIATTH	THIS VISIT DID P HAVE RADIATION THERAPY
78	79	KIDNEYD	THIS VISIT DID P HAVE KIDNEY DIALYSIS
80	81	IVTHER	THIS VISIT DID P HAVE IV THERAPY
82	83	DRUGTRT	TREATMENT FOR DRUG OR ALCOHOL
84	85	RCVSHOT	THIS VISIT DID P RECEIVE ALLERGY SHOT
86	87	PSYCHOTH	DID P HAVE PSYCHOTHERAPY/COUNSELING
88	89	LABTEST	THIS VISIT DID P HAVE LAB TEST
90	91	SONOGRAM	DID P HAVE SONOGRAM OR ULTRASOUND
92	93	XRAYX	THIS VISIT DID P HAVE X-RAYS
94	95	MAMMOGRAM	THIS VISIT DID P HAVE A MAMMOGRAM
96	97	MRI	THIS VISIT DID P HAVE AN MRI/CATSCAN
98	99	EKG	THIS VISIT DID P HAVE AN EKG OR ECG
100	101	EEG	THIS VISIT DID P HAVE A EEG
102	103	RCVVAC	THIS VISIT DID P RECEIVE VACCINATION
104	105	ANESTH	THIS VISIT DID P RECEIVE ANESTHESIA
106	107	OTHSVCE	OTHER DIAGNOSTIC TESTS/EXAMS
108	109	SURGPROC	WAS SURGICAL PROCEDURE PERFORMED ON P
110	111	SURGNAME	SURGICAL PROCEDURE NAME IN CATEGORIES
112	113	MEDPRESC	ANY MEDICINE PRESCRIBED FOR P THIS VISIT
114	114	VAPLACE	VA FACILITY FLAG
115	117	OBICD1X	3 DIGIT ICD-9 CONDITION CODE
118	120	OBICD2X	3 DIGIT ICD-9 CONDITION CODE
121	123	OBICD3X	3 DIGIT ICD-9 CONDITION CODE
124	126	OBICD4X	3 DIGIT ICD-9 CONDITION CODE
127	128	OBPRO1X	2 DIGIT ICD-9 PROCEDURE CODE
129	131	OBCCC1X	MODIFIED CLINICAL CLASSIFICATION CODE
132	134	OBCCC2X	MODIFIED CLINICAL CLASSIFICATION CODE
135	137	OBCCC3X	MODIFIED CLINICAL CLASSIFICATION CODE
138	140	OBCCC4X	MODIFIED CLINICAL CLASSIFICATION CODE
141	142	NUMCOND	TOTAL # COND RECORDS LINKED TO THIS EVNT
143	144	FFOBTYP	FLAT FEE BUNDLE
145	146	FFBEF97	TOTAL # OF VISITS IN FF BEFORE 1997
147	148	FFTOT98	TOTAL # OF VISITS IN FF AFTER 1997
149	155	OBSF97X	AMOUNT PAID, FAMILY (IMPUTED)
156	163	OBMR97X	AMOUNT PAID, MEDICARE (IMPUTED)
164	170	OBMD97X	AMOUNT PAID, MEDICAID (IMPUTED)

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ALPHABETICAL AND POSITIONAL LISTING OF VARIABLES

-----POSITIONAL LISTING OF VARIABLES-----

START	END	NAME	DESCRIPTION
171	178	OBPV97X	AMOUNT PAID, PRIVATE INSURANCE (IMPUTED)
179	185	OBVA97X	AMOUNT PAID, VETERANS (IMPUTED)
186	193	OBCH97X	AMOUNT PAID, CHAMPUS/CHAMPVA (IMPUTED)
194	200	OBOF97X	AMOUNT PAID, OTHER FEDERAL (IMPUTED)
201	207	OBSL97X	AMOUNT PAID, STATE & LOCAL GOV (IMPUTED)
208	214	OBWC97X	AMOUNT PAID, WORKERS COMP (IMPUTED)
215	221	OBOR97X	AMOUNT PAID, OTHER PRIVATE (IMPUTED)
222	227	OBOU97X	AMOUNT PAID, OTHER PUBLIC (IMPUTED)
228	234	OBOT97X	AMOUNT PAID, OTHER INSURANCE (IMPUTED)
235	242	OBXP97X	SUM OF OBSF97X-OBOT97X (IMPUTED)
243	250	OBTC97X	HHLR REPORTED TOTAL CHARGE (IMPUTED)
251	251	IMPOBSLF	IMPUTATION FLAG FOR OBSF97X
252	252	IMPOBMCR	IMPUTATION FLAG FOR OBMR97X
253	253	IMPOBMCD	IMPUTATION FLAG FOR OBMD97X
254	254	IMPOBPRV	IMPUTATION FLAG FOR OBPV97X
255	255	IMPOBVA	IMPUTATION FLAG FOR OBVA97X
256	256	IMPOBCHM	IMPUTATION FLAG FOR OBCH97X
257	257	IMPOBOFD	IMPUTATION FLAG FOR OBOF97X
258	258	IMPOBSTL	IMPUTATION FLAG FOR OBSL97X
259	259	IMPOBWCP	IMPUTATION FLAG FOR OBWC97X
260	260	IMPOBOPR	IMPUTATION STATUS OF OBOR97X
261	261	IMPOBOPU	IMPUTATION STATUS OF OBOU97X
262	262	IMPOBOTH	IMPUTATION FLAG FOR OBOT97X
263	263	IMPOBCHG	IMPUTATION STATUS OF OBTC97X
264	275	WTDPER97	POVERTY/MORTALITY ADJ PERS LEVL WGT,1997
276	277	VARPSU97	VARIANCE ESTIMATION PSU,1997
278	280	VARSTR97	VARIANCE ESTIMATION STRATUM,1997

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NAME	DESCRIPTION	FORMAT	TYPE	START	END
DUID	DWELLING UNIT ID	5.0	NUM	1	5
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	VALID ID	148,835	1,248,162,595		
	TOTAL	148,835	1,248,162,595		
PID	PERSON NUMBER	3.0	NUM	6	8
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	VALID ID	148,835	1,248,162,595		
	TOTAL	148,835	1,248,162,595		
DUPERSID	PERSON ID (DUID+PID)	8.0	CHAR	9	16
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	VALID ID	148,835	1,248,162,595		
	TOTAL	148,835	1,248,162,595		
EVNTIDX	EVENT ID	12.0	CHAR	17	28
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	VALID ID	148,835	1,248,162,595		
	TOTAL	148,835	1,248,162,595		
EVENTRN	EVENT ROUND NUMBER	1.0	NUM	29	29
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	1	23,726	239,902,403		
	2	27,517	277,277,742		
	3	33,493	271,151,524		
	4	44,421	319,944,356		
	5	19,678	139,886,570		
	TOTAL	148,835	1,248,162,595		
FFEEIDX	FLAT FEE ID	12.0	CHAR	30	41
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-1	144,918	1,212,282,095		
	VALID ID	3,917	35,880,501		
	TOTAL	148,835	1,248,162,595		

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NAME	DESCRIPTION	FORMAT	TYPE	START	END
MPCELIG	MPC ELIGIBILITY FLAG	1.0	NUM	42	42
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	1 MPC ELIGIBLE	125,581	1,035,638,176		
	2 NOT MPC ELIGIBLE	23,254	212,524,420		
	TOTAL	148,835	1,248,162,595		
MPCDATA	MPC DATA FLAG	1.0	NUM	43	43
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	1 HAS MPC DATA	25,063	196,898,802		
	2 NO MPC DATA	123,772	1,051,263,794		
	TOTAL	148,835	1,248,162,595		
OBDATEYR	EVENT DATE - YEAR	4.0	NUM	44	47
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-9 NOT ASCERTAINED	121	953,132		
	-8 DK	15	189,654		
	1997	148,699	1,247,019,810		
	TOTAL	148,835	1,248,162,595		
OBDATEMM	EVENT DATE - MONTH	2.0	NUM	48	49
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-9 NOT ASCERTAINED	389	2,994,921		
	-8 DK	20	155,216		
	1 - 12	148,426	1,245,012,459		
	TOTAL	148,835	1,248,162,595		
OBDATEDD	EVENT DATE - DAY	2.0	NUM	50	51
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-9 NOT ASCERTAINED	1,850	13,361,956		
	-8 DK	13,330	101,129,023		
	-7 REFUSED	17	130,683		
	-1 INAPPLICABLE	1	16,076		
	1 - 31	133,637	1,133,524,857		
	TOTAL	148,835	1,248,162,595		

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FILE 1

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NAME	DESCRIPTION	FORMAT	TYPE	START	END
SEETLKPV	DID P VISIT PROV IN PERSON OR TELEPHONE	2.0	NUM	52	53
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-9 NOT ASCERTAINED	16	111,802		
	-8 DK	34	268,487		
	-7 REFUSED	21	252,900		
	1 SAW PROVIDER	145,341	1,215,020,568		
	2 TELEPHONE CALL	3,423	32,508,839		
	TOTAL	148,835	1,248,162,595		
REFERBY	REFERRED BY ANOTHER PHYSICIAN	2.0	NUM	54	55
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-9 NOT ASCERTAINED	3,644	28,565,741		
	-8 DK	207	1,710,730		
	-7 REFUSED	31	368,955		
	1 YES	25,016	212,003,526		
	2 NO	119,937	1,005,513,644		
	TOTAL	148,835	1,248,162,595		
SEEDOC	TALK TO MD THIS VISIT/PHONE CALL	2.0	NUM	56	57
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-9 NOT ASCERTAINED	2,169	17,374,507		
	-8 DK	278	2,117,584		
	-7 REFUSED	27	304,664		
	1 YES	106,354	877,729,736		
	2 NO	40,007	350,636,105		
	TOTAL	148,835	1,248,162,595		
MEDPRTYPE	TYPE OF MED PERSON P TALKED TO ON VST DT	2.0	NUM	58	59
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-9 NOT ASCERTAINED	1,936	15,510,206		
	-8 DK	278	1,933,240		
	-7 REFUSED	28	309,236		
	-1 INAPPLICABLE	106,352	877,716,884		
	1 CHIROPRACTOR	7,040	66,013,675		
	2 DENTIST/DENTAL CARE PERSON	134	1,113,091		
	3 MIDWIFE	253	1,734,793		
	4 NURSE/NURSE PRACTITIONER	10,900	94,922,294		
	5 OPTOMETRIST	1,675	14,945,393		
	6 PODIATRIST	375	2,866,664		
	7 PHYSICIAN'S ASSISTANT	789	6,968,610		
	8 PHYSICAL THERAPIST	5,379	46,173,406		
	9 OCCUPATIONAL THERAPIST	531	4,395,292		
	10 PSYCHOLOGIST	3,184	26,131,688		
	11 SOCIAL WORKER	1,389	11,580,843		
	12 TECHNICIAN	4,670	41,018,256		
	13 RECEPTIONIST/CLERK/SECRETARY	320	2,915,743		
	91 OTHER	3,602	31,913,281		
	TOTAL	148,835	1,248,162,595		

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NAME	DESCRIPTION	FORMAT	TYPE	START	END
TIMESPNT	TIME SPENT WITH DOCTOR/MEDICAL PERSON	2.0	NUM	60	61
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-9 NOT ASCERTAINED	2,966	24,032,221		
	-8 DK	2,083	16,359,423		
	-7 REFUSED	31	170,074		
	-1 INAPPLICABLE	3,499	33,173,607		
	1 5 MINUTES OR LESS	13,430	116,706,520		
	2 6-10 MINUTES	20,533	176,335,821		
	3 11-15 MINUTES	28,633	243,004,603		
	4 16-25 MINUTES	25,878	216,236,647		
	5 26-40 MINUTES	23,247	189,625,385		
	6 41 MINUTES OR MORE	28,535	232,518,294		
	TOTAL	148,835	1,248,162,595		
DOCATLOC	ANY MD WORK AT LOCATION WHERE P SAW PROV	2.0	NUM	62	63
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-9 NOT ASCERTAINED	1,968	16,501,895		
	-8 DK	1,192	9,497,177		
	-7 REFUSED	26	298,534		
	-1 INAPPLICABLE	106,377	877,892,468		
	1 YES	21,008	176,816,047		
	2 NO	18,264	167,156,474		
	TOTAL	148,835	1,248,162,595		
VSTCTGRY	BEST CATEGORY FOR CARE P HAVE ON VST DT	2.0	NUM	64	65
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-9 NOT ASCERTAINED	1,301	9,687,042		
	-8 DK	101	725,307		
	-7 REFUSED	8	73,815		
	-1 INAPPLICABLE	3,497	33,163,554		
	1 GENERAL CHECKUP	25,167	206,052,281		
	2 DIAGNOSIS OR TREATMENT	70,741	597,746,286		
	3 EMERGENCY (E.G., ACCIDENT OR INJURY)	1,042	8,337,789		
	4 PSYCHOTHERAPY OR MENTAL HEALTH COUNSELING	9,744	81,716,853		
	5 FOLLOW-UP OR POST-OPERATIVE VISIT	12,506	107,375,330		
	6 IMMUNIZATIONS OR SHOTS	5,523	48,253,519		
	7 VISION EXAM	4,646	40,811,223		
	8 MATERNITY CARE (PRE/POSTNATAL)	4,550	32,967,139		
	9 WELL CHILD EXAM	1,578	13,843,059		
	91 OTHER	8,431	67,409,397		
	TOTAL	148,835	1,248,162,595		

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NAME	DESCRIPTION	FORMAT	TYPE	START	END
VSTREL	VISIT/PHONE CALL RELATED TO CONDITION	2.0	NUM	66	67
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-9 NOT ASCERTAINED	1,232	9,295,068		
	-8 DK	208	1,791,748		
	-7 REFUSED	31	361,066		
	1 YES	124,764	1,039,213,567		
	2 NO	22,600	197,501,146		
	TOTAL	148,835	1,248,162,595		
PHYSTH	THIS VISIT DID P HAVE PHYSICAL THERAPY	2.0	NUM	68	69
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-9 NOT ASCERTAINED	2,084	17,448,534		
	-8 DK	298	2,437,242		
	-7 REFUSED	7	63,888		
	-1 INAPPLICABLE	5,654	51,749,970		
	1 YES	12,145	103,137,141		
	2 NO	18,389	145,801,248		
	95 NO TREATMENT RECEIVED	110,258	927,524,572		
	TOTAL	148,835	1,248,162,595		
OCCUPTH	DID P HAVE OCCUPATIONAL THERAPY	2.0	NUM	70	71
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-9 NOT ASCERTAINED	2,084	17,448,534		
	-8 DK	298	2,437,242		
	-7 REFUSED	7	63,888		
	-1 INAPPLICABLE	5,654	51,749,970		
	1 YES	776	5,495,576		
	2 NO	29,758	243,442,813		
	95 NO TREATMENT RECEIVED	110,258	927,524,572		
	TOTAL	148,835	1,248,162,595		
SPEECHTH	THIS VISIT DID P HAVE SPEECH THERAPY	2.0	NUM	72	73
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-9 NOT ASCERTAINED	2,084	17,448,534		
	-8 DK	298	2,437,242		
	-7 REFUSED	7	63,888		
	-1 INAPPLICABLE	5,654	51,749,970		
	1 YES	684	3,909,731		
	2 NO	29,850	245,028,658		
	95 NO TREATMENT RECEIVED	110,258	927,524,572		
	TOTAL	148,835	1,248,162,595		

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NAME	DESCRIPTION	FORMAT	TYPE	START	END
CHEMOTH	THIS VISIT DID P HAVE CHEMOTHERAPY	2.0	NUM	74	75
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-9 NOT ASCERTAINED	2,084	17,448,534		
	-8 DK	298	2,437,242		
	-7 REFUSED	7	63,888		
	-1 INAPPLICABLE	5,654	51,749,970		
	1 YES	537	3,835,339		
	2 NO	29,997	245,103,050		
	95 NO TREATMENT RECEIVED	110,258	927,524,572		
	TOTAL	148,835	1,248,162,595		
RADIATTH	THIS VISIT DID P HAVE RADIATION THERAPY	2.0	NUM	76	77
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-9 NOT ASCERTAINED	2,084	17,448,534		
	-8 DK	298	2,437,242		
	-7 REFUSED	7	63,888		
	-1 INAPPLICABLE	5,654	51,749,970		
	1 YES	476	3,683,799		
	2 NO	30,058	245,254,590		
	95 NO TREATMENT RECEIVED	110,258	927,524,572		
	TOTAL	148,835	1,248,162,595		
KIDNEYD	THIS VISIT DID P HAVE KIDNEY DIALYSIS	2.0	NUM	78	79
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-9 NOT ASCERTAINED	2,084	17,448,534		
	-8 DK	298	2,437,242		
	-7 REFUSED	7	63,888		
	-1 INAPPLICABLE	5,654	51,749,970		
	1 YES	2,138	11,347,883		
	2 NO	28,396	237,590,506		
	95 NO TREATMENT RECEIVED	110,258	927,524,572		
	TOTAL	148,835	1,248,162,595		
IVTHER	THIS VISIT DID P HAVE IV THERAPY	2.0	NUM	80	81
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-9 NOT ASCERTAINED	2,084	17,448,534		
	-8 DK	298	2,437,242		
	-7 REFUSED	7	63,888		
	-1 INAPPLICABLE	5,654	51,749,970		
	1 YES	336	2,951,994		
	2 NO	30,198	245,986,395		
	95 NO TREATMENT RECEIVED	110,258	927,524,572		
	TOTAL	148,835	1,248,162,595		

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NAME	DESCRIPTION	FORMAT	TYPE	START	END
DRUGTRT	TREATMENT FOR DRUG OR ALCOHOL	2.0	NUM	82	83
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-9 NOT ASCERTAINED	2,084	17,448,534		
	-8 DK	298	2,437,242		
	-7 REFUSED	7	63,888		
	-1 INAPPLICABLE	5,654	51,749,970		
	1 YES	1,671	14,510,264		
	2 NO	28,863	234,428,125		
	95 NO TREATMENT RECEIVED	110,258	927,524,572		
	TOTAL	148,835	1,248,162,595		
RCVSHOT	THIS VISIT DID P RECEIVE ALLERGY SHOT	2.0	NUM	84	85
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-9 NOT ASCERTAINED	2,084	17,448,534		
	-8 DK	298	2,437,242		
	-7 REFUSED	7	63,888		
	-1 INAPPLICABLE	5,654	51,749,970		
	1 YES	2,674	22,628,234		
	2 NO	27,862	226,320,349		
	95 NO TREATMENT RECEIVED	110,256	927,514,379		
	TOTAL	148,835	1,248,162,595		
PSYCHOTH	DID P HAVE PSYCHOTHERAPY/COUNSELING	2.0	NUM	86	87
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-9 NOT ASCERTAINED	2,084	17,448,534		
	-8 DK	344	3,005,284		
	-7 REFUSED	7	63,888		
	-1 INAPPLICABLE	5,654	51,749,970		
	1 YES	9,744	82,781,053		
	2 NO	20,744	165,589,295		
	95 NO TREATMENT RECEIVED	110,258	927,524,572		
	TOTAL	148,835	1,248,162,595		
LABTEST	THIS VISIST DID P HAVE LAB TEST	2.0	NUM	88	89
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-9 NOT ASCERTAINED	2,917	22,985,099		
	-8 DK	617	4,887,127		
	-7 REFUSED	11	133,661		
	-1 INAPPLICABLE	3,496	33,158,751		
	1 YES	27,592	226,324,456		
	2 NO	19,681	168,528,030		
	95 NO SERVICES RECEIVED	94,521	792,145,471		
	TOTAL	148,835	1,248,162,595		

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NAME	DESCRIPTION	FORMAT	TYPE	START	END
SONOGRAM	DID P HAVE SONOGRAM OR ULTRASOUND	2.0	NUM	90	91
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-9 NOT ASCERTAINED	2,916	22,981,990		
	-8 DK	617	4,887,127		
	-7 REFUSED	11	133,661		
	-1 INAPPLICABLE	3,496	33,158,751		
	1 YES	2,625	21,462,682		
	2 NO	44,649	373,392,914		
	95 NO SERVICES RECEIVED	94,521	792,145,471		
	TOTAL	148,835	1,248,162,595		
XRAY	THIS VISIT DID P HAVE X-RAYS	2.0	NUM	92	93
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-9 NOT ASCERTAINED	2,916	22,981,990		
	-8 DK	617	4,887,127		
	-7 REFUSED	11	133,661		
	-1 INAPPLICABLE	3,496	33,158,751		
	1 YES	7,152	58,396,857		
	2 NO	40,122	336,458,739		
	95 NO SERVICES RECEIVED	94,521	792,145,471		
	TOTAL	148,835	1,248,162,595		
MAMMOG	THIS VISIT DID P HAVE A MAMMOGRAM	2.0	NUM	94	95
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-9 NOT ASCERTAINED	2,917	22,985,099		
	-8 DK	617	4,887,127		
	-7 REFUSED	11	133,661		
	-1 INAPPLICABLE	3,496	33,158,751		
	1 YES	1,310	11,529,463		
	2 NO	45,963	383,306,919		
	95 NO SERVICES RECEIVED	94,521	792,161,576		
	TOTAL	148,835	1,248,162,595		
MRI	THIS VISIT DID P HAVE AN MRI/CATSCAN	2.0	NUM	96	97
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-9 NOT ASCERTAINED	2,916	22,981,990		
	-8 DK	617	4,887,127		
	-7 REFUSED	11	133,661		
	-1 INAPPLICABLE	3,496	33,158,751		
	1 YES	739	6,529,926		
	2 NO	46,535	388,325,670		
	95 NO SERVICES RECEIVED	94,521	792,145,471		
	TOTAL	148,835	1,248,162,595		

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NAME	DESCRIPTION	FORMAT	TYPE	START	END
EKG	THIS VISIT DID P HAVE AN EKG OR ECG	2.0	NUM	98	99
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-9 NOT ASCERTAINED	2,916	22,981,990		
	-8 DK	617	4,887,127		
	-7 REFUSED	11	133,661		
	-1 INAPPLICABLE	3,496	33,158,751		
	1 YES	2,522	21,234,490		
	2 NO	44,752	373,622,376		
	95 NO SERVICES RECEIVED	94,521	792,144,200		
	TOTAL	148,835	1,248,162,595		
EEG	THIS VISIT DID P HAVE A EEG	2.0	NUM	100	101
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-9 NOT ASCERTAINED	2,916	22,981,990		
	-8 DK	617	4,887,127		
	-7 REFUSED	11	133,661		
	-1 INAPPLICABLE	3,496	33,158,751		
	1 YES	258	1,783,626		
	2 NO	47,016	393,071,969		
	95 NO SERVICES RECEIVED	94,521	792,145,471		
	TOTAL	148,835	1,248,162,595		
RCVVAC	THIS VISIT DID P RECEIVE VACCINATION	2.0	NUM	102	103
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-9 NOT ASCERTAINED	2,916	22,981,990		
	-8 DK	618	4,898,622		
	-7 REFUSED	11	133,661		
	-1 INAPPLICABLE	3,496	33,158,751		
	1 YES	3,256	26,874,177		
	2 NO	44,014	367,938,596		
	95 NO SERVICES RECEIVED	94,524	792,176,798		
	TOTAL	148,835	1,248,162,595		
ANESTH	THIS VISIT DID P RECEIVE ANESTHESIA	2.0	NUM	104	105
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-9 NOT ASCERTAINED	2,916	22,981,990		
	-8 DK	617	4,887,127		
	-7 REFUSED	11	133,661		
	-1 INAPPLICABLE	3,496	33,158,751		
	1 YES	517	4,644,362		
	2 NO	46,757	390,211,234		
	95 NO SERVICES RECEIVED	94,521	792,145,471		
	TOTAL	148,835	1,248,162,595		

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NAME	DESCRIPTION	FORMAT	TYPE	START	END
OTHSVCE	OTHER DIAGNOSTIC TESTS/EXAMS	2.0	NUM	106	107
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-9 NOT ASCERTAINED	2,916	22,981,990		
	-8 DK	617	4,887,127		
	-7 REFUSED	11	133,661		
	-1 INAPPLICABLE	3,496	33,158,751		
	1 YES	11,188	95,043,483		
	2 NO	36,086	299,812,112		
	95 NO SERVICES RECEIVED	94,521	792,145,471		
	TOTAL	148,835	1,248,162,595		
SURGPC	WAS SURGICAL PROCEDURE PERFORMED ON P	2.0	NUM	108	109
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-9 NOT ASCERTAINED	3,195	25,078,293		
	-8 DK	52	278,484		
	-7 REFUSED	7	63,888		
	-1 INAPPLICABLE	3,496	33,158,751		
	1 YES	3,442	30,057,431		
	2 NO	138,643	1,159,525,748		
	TOTAL	148,835	1,248,162,595		
SURGNAM	SURGICAL PROCEDURE NAME IN CATEGORIES	2.0	NUM	110	111
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-9 NOT ASCERTAINED	2	13,658		
	-8 DK	1	4,079		
	-1 INAPPLICABLE	145,393	1,218,107,991		
	1 ARTHROSCOPIC SURGERY	51	451,198		
	2 CLEANING/TREATM WOUND, INFECTION	269	1,933,336		
	3 REMOVAL OF DISEASED TISSUE (EXCISION)	1,101	9,856,718		
	4 STITCHES (WOUND SUTURE)	191	1,822,253		
	5 EAR TUBES (TYMPANOSTOMY TUBES)	23	179,798		
	91 OTHER SURGICAL PROCEDURE	1,804	15,793,565		
	TOTAL	148,835	1,248,162,595		
MEDPRES	ANY MEDICINE PRESCRIBED FOR P THIS VISIT	2.0	NUM	112	113
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-9 NOT ASCERTAINED	2,784	21,017,723		
	-8 DK	855	6,425,401		
	-7 REFUSED	32	341,706		
	1 YES	42,756	343,137,274		
	2 NO	102,408	877,240,491		
	TOTAL	148,835	1,248,162,595		

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NAME	DESCRIPTION	FORMAT	TYPE	START	END
VAPLACE	VA FACILITY FLAG	1.0	NUM	114	114
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	0 NO	147,962	1,241,804,623		
	1 YES	873	6,357,972		
	TOTAL	148,835	1,248,162,595		
OBICD1X	3 DIGIT ICD-9 CONDITION CODE	3.0	CHAR	115	117
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-1 INAPPLICABLE	26,834	232,221,010		
	-8 DK	909	8,655,151		
	001-139	4,531	37,173,477		
	140-239	4,457	41,275,962		
	240-279	6,500	49,121,029		
	280-289	454	3,121,954		
	290-319	11,345	98,758,873		
	320-389	11,104	95,679,294		
	390-459	10,300	84,757,779		
	460-519	13,988	117,575,817		
	520-579	3,163	24,870,699		
	580-629	6,122	46,119,824		
	630-677	372	2,505,233		
	680-709	3,493	30,001,476		
	710-739	16,704	143,619,203		
	740-759	696	3,810,041		
	760-779	60	905,344		
	780-799	6,344	49,721,729		
	800-999	11,703	101,795,063		
	V00-V99	9,756	76,473,638		
	TOTAL	148,835	1,248,162,595		

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NAME	DESCRIPTION	FORMAT	TYPE	START	END
OBICD2X	3 DIGIT ICD-9 CONDITION CODE	3.0	CHAR	118	120
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-1 INAPPLICABLE	128,585	1,095,526,049		
	-8 DK	175	1,316,491		
	001-139	331	2,304,223		
	140-239	273	2,554,360		
	240-279	1,849	14,331,129		
	280-289	91	869,478		
	290-319	2,126	14,907,264		
	320-389	1,267	11,120,524		
	390-459	2,964	20,274,913		
	460-519	1,916	14,402,819		
	520-579	487	3,491,588		
	580-629	639	4,851,159		
	630-677	28	139,214		
	680-709	299	2,503,878		
	710-739	3,801	29,519,916		
	740-759	115	1,029,323		
	760-779	11	34,791		
	780-799	1,570	10,664,398		
	800-999	1,593	13,784,956		
	V00-V99	715	4,536,120		
	TOTAL	148,835	1,248,162,595		

NAME	DESCRIPTION	FORMAT	TYPE	START	END
OBICD3X	3 DIGIT ICD-9 CONDITION CODE	3.0	CHAR	121	123
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-1 INAPPLICABLE	141,817	1,200,728,221		
	-8 DK	97	515,166		
	001-139	81	559,758		
	140-239	63	653,434		
	240-279	722	5,181,813		
	280-289	45	209,596		
	290-319	486	2,617,057		
	320-389	445	3,001,185		
	390-459	1,083	7,300,709		
	460-519	451	3,380,296		
	520-579	371	2,047,516		
	580-629	260	1,628,580		
	680-709	76	517,334		
	710-739	1,439	9,610,149		
	740-759	10	77,390		
	780-799	674	4,575,886		
	800-999	433	3,766,772		
	V00-V99	282	1,791,734		
	TOTAL	148,835	1,248,162,595		

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NAME	DESCRIPTION	FORMAT	TYPE	START	END
OBICD4X	3 DIGIT ICD-9 CONDITION CODE	3.0	CHAR	124	126
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-1 INAPPLICABLE	145,716	1,227,986,190		
	-8 DK	23	149,821		
	001-139	44	329,947		
	140-239	22	200,931		
	240-279	357	2,276,989		
	280-289	34	180,414		
	290-319	188	827,640		
	320-389	165	1,180,553		
	390-459	464	2,565,660		
	460-519	188	1,312,914		
	520-579	175	890,562		
	580-629	77	476,027		
	680-709	77	482,816		
	710-739	624	4,190,912		
	740-759	5	59,056		
	780-799	356	2,401,563		
	800-999	149	1,437,028		
	V00-V99	171	1,213,573		
	TOTAL	148,835	1,248,162,595		
OBPRO1X	2 DIGIT ICD-9 PROCEDURE CODE	2.0	CHAR	127	128
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-1 INAPPLICABLE	144,007	1,209,662,224		
	01-05	81	733,586		
	06-07	11	71,840		
	08-16	310	2,717,433		
	18-20	65	573,407		
	21-29	139	1,026,352		
	30-34	8	49,512		
	35-39	899	6,094,360		
	40-41	6	34,351		
	42-54	316	2,492,303		
	55-59	126	720,353		
	60-64	70	626,295		
	65-71	227	1,814,415		
	72-75	12	109,353		
	76-84	1,044	9,801,793		
	85-86	554	5,084,782		
	87-99	960	6,550,236		
	TOTAL	148,835	1,248,162,595		
OBCCC1X	MODIFIED CLINICAL CLASSIFICATION CODE	3.0	CHAR	129	131
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-1 INAPPLICABLE	26,834	232,221,010		
	-8 DK	909	8,655,151		
	001-259	121,092	1,007,286,434		
	TOTAL	148,835	1,248,162,595		

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NAME	DESCRIPTION	FORMAT	TYPE	START	END
ORCCC2X	MODIFIED CLINICAL CLASSIFICATION CODE	3.0	CHAR	132	134
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-1 INAPPLICABLE	128,585	1,095,526,049		
	-8 DK	175	1,316,491		
	001-259	20,075	151,320,055		
	TOTAL	148,835	1,248,162,595		
ORCCC3X	MODIFIED CLINICAL CLASSIFICATION CODE	3.0	CHAR	135	137
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-1 INAPPLICABLE	141,817	1,200,728,221		
	-8 DK	97	515,166		
	001-259	6,921	46,919,209		
	TOTAL	148,835	1,248,162,595		
ORCCC4X	MODIFIED CLINICAL CLASSIFICATION CODE	3.0	CHAR	138	140
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-1 INAPPLICABLE	145,716	1,227,986,190		
	-8 DK	23	149,821		
	001-259	3,096	20,026,584		
	TOTAL	148,835	1,248,162,595		
NUMCOND	TOTAL # COND RECORDS LINKED TO THIS EVNT	2.0	NUM	141	142
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	0	24,065	208,886,657		
	1-4	123,127	1,029,435,882		
	5	710	4,151,664		
	6	365	2,224,329		
	7	148	929,481		
	8	97	605,400		
	9	114	664,981		
	10	99	542,875		
	11	21	84,159		
	12	27	211,344		
	13	9	47,880		
	14	1	7,938		
	15	6	15,259		
	16	4	33,044		
	17	1	8,218		
	18	4	12,999		
	21	37	300,486		
	TOTAL	148,835	1,248,162,595		

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NAME	DESCRIPTION	FORMAT	TYPE	START	END
FFOBTYP	FLAT FEE BUNDLE	2.0	NUM	143	144
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-1 INAPPLICABLE	144,918	1,212,282,095		
	1 FLAT FEE STEM	1,117	10,319,383		
	2 FLAT FEE LEAF	2,800	25,561,118		
	TOTAL	148,835	1,248,162,595		
FFBEF97	TOTAL # OF VISITS IN FF BEFORE 1997	2.0	NUM	145	146
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-9 NOT ASCERTAINED	1,435	11,664,793		
	-8 DK	11	152,383		
	-1 INAPPLICABLE	144,918	1,212,282,095		
	0	2,110	20,916,640		
	1 - 26	361	3,146,686		
	TOTAL	148,835	1,248,162,595		
FFTOT98	TOTAL # OF VISITS IN FF AFTER 1997	2.0	NUM	147	148
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-9 NOT ASCERTAINED	1,128	9,575,881		
	-1 INAPPLICABLE	145,225	1,214,371,007		
	0	2,283	22,261,335		
	1 - 13	199	1,954,373		
	TOTAL	148,835	1,248,162,595		
OBSF97X	AMOUNT PAID, FAMILY (IMPUTED)	7.2	NUM	149	155
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	0	79,356	614,797,202		
	\$0.11 - \$9.00	17,589	154,827,610		
	\$9.01 - \$13.00	17,229	166,232,258		
	\$13.01 - \$36.00	17,405	156,497,987		
	\$36.01 - \$9000.00	17,256	155,807,539		
	TOTAL	148,835	1,248,162,595		
OBRM97X	AMOUNT PAID, MEDICARE (IMPUTED)	8.2	NUM	156	163
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	0	121,071	1,019,870,912		
	\$0.04 - \$22.00	7,039	58,112,129		
	\$22.01 - \$33.74	6,843	56,498,671		
	\$33.75 - \$59.79	6,941	57,584,517		
	\$59.80 - \$15143.26	6,941	56,096,367		
	TOTAL	148,835	1,248,162,595		

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NAME	DESCRIPTION	FORMAT	TYPE	START	END
OBMD97X	AMOUNT PAID, MEDICAID (IMPUTED)	7.2	NUM	164	170
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	0	126,866	1,125,103,564		
	\$0.06 - \$20.70	5,497	29,272,133		
	\$20.71 - \$37.09	5,489	30,114,901		
	\$37.10 - \$61.46	5,499	32,687,325		
	\$61.47 - \$7342.00	5,484	30,984,672		
	TOTAL	148,835	1,248,162,595		
OBPV97X	AMOUNT PAID, PRIVATE INSURANCE (IMPUTED)	8.2	NUM	171	178
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	0	83,676	641,525,465		
	\$0.03 - \$21.39	16,298	149,949,290		
	\$21.40 - \$38.00	16,706	152,261,313		
	\$38.01 - \$67.00	15,975	149,728,033		
	\$67.01 - \$24351.99	16,180	154,698,494		
	TOTAL	148,835	1,248,162,595		
OBVA97X	AMOUNT PAID, VETERANS (IMPUTED)	7.2	NUM	179	185
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	0	147,406	1,236,864,720		
	\$1.33 - \$26.00	361	2,995,908		
	\$26.01 - \$50.00	357	2,755,441		
	\$50.01 - \$97.00	390	2,880,667		
	\$97.01 - \$4825.23	321	2,665,859		
	TOTAL	148,835	1,248,162,595		
ORCH97X	AMOUNT PAID, CHAMPUS/CHAMPVA (IMPUTED)	8.2	NUM	186	193
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	0	148,018	1,241,220,301		
	\$1.62 - \$13.00	206	1,909,054		
	\$13.01 - \$30.00	214	1,777,134		
	\$30.01 - \$55.00	196	1,620,435		
	\$55.01 - \$10956.00	201	1,635,672		
	TOTAL	148,835	1,248,162,595		
OBOF97X	AMOUNT PAID, OTHER FEDERAL (IMPUTED)	7.2	NUM	194	200
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	0	147,579	1,239,478,155		
	\$1.00 - \$27.50	315	2,378,990		
	\$27.51 - \$49.15	313	2,090,799		
	\$49.16 - \$97.00	379	2,666,060		
	\$97.01 - \$3050.35	249	1,548,591		
	TOTAL	148,835	1,248,162,595		

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NAME	DESCRIPTION	FORMAT	TYPE	START	END
OBSL97X	AMOUNT PAID, STATE & LOCAL GOV (IMPUTED)	7.2	NUM	201	207
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	0	148,301	1,244,480,554		
	\$2.00 - \$23.00	150	944,360		
	\$23.01 - \$34.48	117	833,046		
	\$34.49 - \$60.00	144	1,167,012		
	\$60.01 - \$2200.00	123	737,623		
	TOTAL	148,835	1,248,162,595		
OBWC97X	AMOUNT PAID, WORKERS COMP (IMPUTED)	7.2	NUM	208	214
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	0	145,196	1,216,940,103		
	\$1.00 - \$40.00	961	8,668,991		
	\$40.01 - \$69.56	862	7,059,247		
	\$69.57 - \$111.32	910	8,527,314		
	\$111.33 - \$3098.25	906	6,966,939		
	TOTAL	148,835	1,248,162,595		
OBOR97X	AMOUNT PAID, OTHER PRIVATE (IMPUTED)	7.2	NUM	215	221
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	0	144,831	1,215,607,959		
	\$0.20 - \$12.02	1,001	9,533,604		
	\$12.03 - \$30.66	1,002	8,052,171		
	\$30.67 - \$60.00	1,004	7,722,074		
	\$60.01 - \$4799.00	997	7,246,787		
	TOTAL	148,835	1,248,162,595		
OBOU97X	AMOUNT PAID, OTHER PUBLIC (IMPUTED)	6.2	NUM	222	227
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	0	148,435	1,246,146,926		
	\$0.64 - \$20.00	104	643,842		
	\$20.01 - \$40.00	104	471,042		
	\$40.01 - \$75.00	100	467,243		
	\$75.01 - \$660.55	92	433,542		
	TOTAL	148,835	1,248,162,595		
OBOT97X	AMOUNT PAID, OTHER INSURANCE (IMPUTED)	7.2	NUM	228	234
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	0	144,874	1,214,002,918		
	\$0.08 - \$21.70	991	7,882,967		
	\$21.71 - \$42.51	991	8,217,859		
	\$42.52 - \$80.00	1,025	9,279,232		
	\$80.01 - \$3500.00	954	8,779,619		
	TOTAL	148,835	1,248,162,595		

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NAME	DESCRIPTION	FORMAT	TYPE	START	END
OBXP97X	SUM OF OBSF97X-OBOT97X (IMPUTED)	8.2	NUM	235	242
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	0	13,258	112,442,029		
	\$0.62 - \$30.86	33,925	267,255,422		
	\$30.87 - \$47.32	33,865	282,671,412		
	\$47.33 - \$81.00	33,928	291,653,732		
	\$81.01 - \$39495.25	33,859	294,140,000		
	TOTAL	148,835	1,248,162,595		
OBTC97X	HHLD REPORTED TOTAL CHARGE (IMPUTED)	8.2	NUM	243	250
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	0	5,873	54,844,620		
	\$1.00 - \$40.00	37,315	297,475,971		
	\$40.01 - \$60.78	34,178	285,193,120		
	\$60.79 - \$108.00	35,822	310,403,855		
	\$108.01 - \$58322.00	35,647	300,245,030		
	TOTAL	148,835	1,248,162,595		
IMPOBSLF	IMPUTATION FLAG FOR OBSF97X	1.0	NUM	251	251
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	0 UNIMPUTED	137,090	1,153,957,375		
	1 IMPUTED	11,745	94,205,220		
	TOTAL	148,835	1,248,162,595		
IMPOBMCR	IMPUTATION FLAG FOR OBMR97X	1.0	NUM	252	252
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	0 UNIMPUTED	125,076	1,055,032,675		
	1 IMPUTED	23,759	193,129,920		
	TOTAL	148,835	1,248,162,595		
IMPOBMCD	IMPUTATION FLAG FOR OBMD97X	1.0	NUM	253	253
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	0 UNIMPUTED	129,778	1,138,026,928		
	1 IMPUTED	19,057	110,135,667		
	TOTAL	148,835	1,248,162,595		
IMPOBPRV	IMPUTATION FLAG FOR OBPV97X	1.0	NUM	254	254
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	0 UNIMPUTED	95,015	758,240,795		
	1 IMPUTED	53,820	489,921,801		
	TOTAL	148,835	1,248,162,595		

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NAME	DESCRIPTION	FORMAT	TYPE	START	END
IMPOBVA	IMPUTATION FLAG FOR OBVA97X	1.0	NUM	255	255
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	0 UNIMPUTED	144,074	1,202,130,256		
	1 IMPUTED	4,761	46,032,340		
	TOTAL	148,835	1,248,162,595		
IMPOBCHM	IMPUTATION FLAG FOR OBCH97X	1.0	NUM	256	256
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	0 UNIMPUTED	146,186	1,228,109,866		
	1 IMPUTED	2,649	20,052,729		
	TOTAL	148,835	1,248,162,595		
IMPOBOED	IMPUTATION FLAG FOR OBOF97X	1.0	NUM	257	257
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	0 UNIMPUTED	146,270	1,230,277,889		
	1 IMPUTED	2,565	17,884,706		
	TOTAL	148,835	1,248,162,595		
IMPOBSTL	IMPUTATION FLAG FOR OBSL97X	1.0	NUM	258	258
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	0 UNIMPUTED	146,620	1,232,389,639		
	1 IMPUTED	2,215	15,772,957		
	TOTAL	148,835	1,248,162,595		
IMPOBWCP	IMPUTATION FLAG FOR OBWC97X	1.0	NUM	259	259
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	0 UNIMPUTED	143,812	1,207,545,465		
	1 IMPUTED	5,023	40,617,131		
	TOTAL	148,835	1,248,162,595		
IMPOBOPR	IMPUTATION STATUS OF OBOR97X	1.0	NUM	260	260
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	0 UNIMPUTED	146,420	1,227,642,974		
	1 IMPUTED	2,415	20,519,621		
	TOTAL	148,835	1,248,162,595		

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NAME	DESCRIPTION	FORMAT	TYPE	START	END
IMPOBOPU	IMPUTATION STATUS OF OB0U97X	1.0	NUM	261	261
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	0 UNIMPUTED	148,532	1,246,811,117		
	1 IMPUTED	303	1,351,478		
	TOTAL	148,835	1,248,162,595		
IMPOBOTH	IMPUTATION FLAG FOR OB0T97X	1.0	NUM	262	262
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	0 UNIMPUTED	143,773	1,208,394,745		
	1 IMPUTED	5,062	39,767,850		
	TOTAL	148,835	1,248,162,595		
IMPOBCHG	IMPUTATION STATUS OF OBTC97X	1.0	NUM	263	263
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	0 UNIMPUTED TLCHRG	71,157	620,982,632		
	1 FAC IMP DONOR'S TLCHRG	77,678	627,179,963		
	TOTAL	148,835	1,248,162,595		
WTDPER97	POVERTY/MORTALITY ADJ PERS LEVL WGT,1997	12.6	NUM	264	275
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	0	3,337	0		
	299.337534 - 66983.924524	145,498	1,248,162,595		
	TOTAL	148,835	1,248,162,595		
VARPSU97	VARIANCE ESTIMATION PSU,1997	2.0	NUM	276	277
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	1 - 34	148,835	1,248,162,595		
	TOTAL	148,835	1,248,162,595		
VARSTR97	VARIANCE ESTIMATION STRATUM,1997	3.0	NUM	278	280
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	1 - 254	148,835	1,248,162,595		
	TOTAL	148,835	1,248,162,595		

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ALPHABETICAL AND POSITIONAL LISTING OF VARIABLES

-----ALPHABETICAL LISTING OF VARIABLES-----

START	END	NAME	DESCRIPTION
1	5	DUID	DWELLING UNIT ID
9	16	DUPERSID	PERSON ID (DUID+PID)
17	28	EVNTIDX	EVENT ID
29	38	HHSFFIDX	HOUSEHOLD REPORTD FLAT FEE ID(UNEDITED)
73	80	OBCH97H	HHLD RPTD AMT PD,CHMP/CHPVA(PRE-IMPURED)
156	161	OBCH97M	MPC RPTD AMT PD, CHMP/CHMPVA(UN-IMPURED)
54	59	OBMD97H	HHLD RPTD AMT PD, MEDICAID (PRE-IMPURED)
137	143	OBMD97M	MPC RPTD AMT PD, MEDICAID (UN-IMPURED)
47	53	OBRM97H	HHLD RPTD AMT PD, MEDICARE (PRE-IMPURED)
130	136	OBRM97M	MPC RPTD AMT PD, MEDICARE (UN-IMPURED)
81	86	OBOF97H	HHLD RPTD AMT PD, OTHER FED(PRE-IMPURED)
162	167	OBOF97M	MPC RPTD AMT PD, OTHER FED (UN-IMPURED)
101	107	OBOT97H	HHLD RPTD AMT PD, OTH INSUR(PRE-IMPURED)
181	187	OBOT97M	MPC RPTD AMT PD, OTH INSUR (UN-IMPURED)
60	67	OBPV97H	HHLD RPTD AMT PD, PRIV INS (PRE-IMPURED)
144	150	OBPV97M	MPC RPTD AMT PD, PRIV INS (UN-IMPURED)
39	46	OBSF97H	HHLD RPTD AMT PD, FAMILY (PRE-IMPURED)
123	129	OBSF97M	MPC RPTD AMT PD, FAMILY (UN-IMPURED)
87	93	OBSL97H	HHLD RPTD AMT PD, STATE&LOC(PRE-IMPURED)
168	173	OBSL97M	MPC RPTD AMT PD, STATE&LOC (UN-IMPURED)
115	122	OBTC97H	HHLD REPORTED TOTAL CHARGE (PRE-IMPURED)
188	195	OBTC97M	MPC REPORTED TOTAL CHARGE (UN-IMPURED)
108	114	OBUC97H	HHLD RPTD AMT PD,UNCOL LIAB(PRE-IMPURED)
68	72	OBVA97H	HHLD RPTD AMT PD, VETERANS (PRE-IMPURED)
151	155	OBVA97M	MPC RPTD AMT PD, VETERANS (UN-IMPURED)
94	100	OBWC97H	HHLD RPTD AMT PD, WORK COMP(PRE-IMPURED)
174	180	OBWC97M	MPC RPTD AMT PD, WORK COMP (UN-IMPURED)
6	8	PID	PERSON NUMBER
208	209	VARPSU97	VARIANCE ESTIMATION PSU,1997
210	212	VARSTR97	VARIANCE ESTIMATION STRATUM,1997
196	207	WTDPER97	POVERTY/MORTALITY ADJ PERS LEVL WGT,1997

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ALPHABETICAL AND POSITIONAL LISTING OF VARIABLES

-----POSITIONAL LISTING OF VARIABLES-----

START	END	NAME	DESCRIPTION
1	5	DUID	DWELLING UNIT ID
6	8	PID	PERSON NUMBER
9	16	DUPERSID	PERSON ID (DUID+PID)
17	28	EVNTIDX	EVENT ID
29	38	HHSFFIDX	HOUSEHOLD REPORTD FLAT FEE ID(UNEDITED)
39	46	OBSF97H	HHLD RPTD AMT PD, FAMILY (PRE-IMPURED)
47	53	OBSF97H	HHLD RPTD AMT PD, MEDICARE (PRE-IMPURED)
54	59	OBMD97H	HHLD RPTD AMT PD, MEDICAID (PRE-IMPURED)
60	67	OBPV97H	HHLD RPTD AMT PD, PRIV INS (PRE-IMPURED)
68	72	OBVA97H	HHLD RPTD AMT PD, VETERANS (PRE-IMPURED)
73	80	OBCH97H	HHLD RPTD AMT PD,CHMP/CHPVA (PRE-IMPURED)
81	86	OBOF97H	HHLD RPTD AMT PD, OTHER FED(PRE-IMPURED)
87	93	OBSL97H	HHLD RPTD AMT PD, STATE&LOC(PRE-IMPURED)
94	100	OBWC97H	HHLD RPTD AMT PD, WORK COMP(PRE-IMPURED)
101	107	OBOT97H	HHLD RPTD AMT PD, OTH INSUR(PRE-IMPURED)
108	114	OBUC97H	HHLD RPTD AMT PD,UNCOL LIAB(PRE-IMPURED)
115	122	OBTC97H	HHLD REPORTED TOTAL CHARGE (PRE-IMPURED)
123	129	OBSF97M	MPC RPTD AMT PD, FAMILY (UN-IMPURED)
130	136	OBSF97M	MPC RPTD AMT PD, MEDICARE (UN-IMPURED)
137	143	OBMD97M	MPC RPTD AMT PD, MEDICAID (UN-IMPURED)
144	150	OBPV97M	MPC RPTD AMT PD, PRIV INS (UN-IMPURED)
151	155	OBVA97M	MPC RPTD AMT PD, VETERANS (UN-IMPURED)
156	161	OBCH97M	MPC RPTD AMT PD, CHMP/CHMPVA (UN-IMPURED)
162	167	OBOF97M	MPC RPTD AMT PD, OTHER FED (UN-IMPURED)
168	173	OBSL97M	MPC RPTD AMT PD, STATE&LOC (UN-IMPURED)
174	180	OBWC97M	MPC RPTD AMT PD, WORK COMP (UN-IMPURED)
181	187	OBOT97M	MPC RPTD AMT PD, OTH INSUR (UN-IMPURED)
188	195	OBTC97M	MPC REPORTED TOTAL CHARGE (UN-IMPURED)
196	207	WTDPER97	POVERTY/MORTALITY ADJ PERS LEVL WGT,1997
208	209	VARPSU97	VARIANCE ESTIMATION PSU,1997
210	212	VARSTR97	VARIANCE ESTIMATION STRATUM,1997

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FILE 2

DATE: February 28, 2001

NAME	DESCRIPTION	FORMAT	TYPE	START	END
DUID	DWELLING UNIT ID	5.0	NUM	1	5
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	VALID ID	148,835		1,248,162,595	
	TOTAL	148,835		1,248,162,595	
PID	PERSON NUMBER	3.0	NUM	6	8
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	VALID ID	148,835		1,248,162,595	
	TOTAL	148,835		1,248,162,595	
DUPERSID	PERSON ID (DUID+PID)	8.0	CHAR	9	16
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	VALID ID	148,835		1,248,162,595	
	TOTAL	148,835		1,248,162,595	
EVNTIDX	EVENT ID	12.0	CHAR	17	28
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	VALID ID	148,835		1,248,162,595	
	TOTAL	148,835		1,248,162,595	
HHSFFIDX	HOUSEHOLD REPORTD FLAT FEE ID(UNEDITED)	10.0	CHAR	29	38
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-1	145,322		1,214,382,126	
	VALID ID	3,513		33,780,469	
	TOTAL	148,835		1,248,162,595	
OBSF97H	HHLD RPTD AMT PD, FAMILY (PRE-IMPUTED)	8.2	NUM	39	46
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-9 NOT ASCERTAINED	14,837		124,686,916	
	0	74,030		567,458,437	
	\$1.00 - \$8.00	15,429		135,835,202	
	\$8.01 - \$10.00	14,872		146,836,545	
	\$10.01 - \$32.00	14,702		136,057,103	
	\$32.01 - \$11000.00	14,965		137,288,392	
	TOTAL	148,835		1,248,162,595	

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NAME	DESCRIPTION	FORMAT	TYPE	START	END
OBRM97H	HHLD RPTD AMT PD, MEDICARE (PRE-IMPUTED)	7.2	NUM	47	53
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-9 NOT ASCERTAINED	30,315	241,580,202		
	0	111,528	943,497,955		
	\$1.00 - \$25.00	1,836	16,932,004		
	\$25.01 - \$37.00	1,684	14,119,599		
	\$37.01 - \$66.00	1,732	16,552,142		
	\$66.01 - \$9039.00	1,740	15,480,692		
	TOTAL	148,835	1,248,162,595		
OBMD97H	HHLD RPTD AMT PD, MEDICAID (PRE-IMPUTED)	6.2	NUM	54	59
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-9 NOT ASCERTAINED	28,891	174,848,177		
	0	119,938	1,073,280,223		
	\$100.00	6	34,195		
	TOTAL	148,835	1,248,162,595		
OBPV97H	HHLD RPTD AMT PD, PRIV INS (PRE-IMPUTED)	8.2	NUM	60	67
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-9 NOT ASCERTAINED	63,105	570,443,090		
	0	65,512	480,215,866		
	\$1.00 - \$24.00	5,166	51,301,305		
	\$24.01 - \$42.00	5,046	48,789,939		
	\$42.01 - \$76.00	4,977	48,070,146		
	\$76.01 - \$45000.00	5,029	49,342,249		
	TOTAL	148,835	1,248,162,595		
OBVA97H	HHLD RPTD AMT PD, VETERANS (PRE-IMPUTED)	5.2	NUM	68	72
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-9 NOT ASCERTAINED	8,203	84,617,066		
	0	140,632	1,163,545,529		
	TOTAL	148,835	1,248,162,595		
OBCH97H	HHLD RPTD AMT PD, CHMP/CHPVA (PRE-IMPUTED)	8.2	NUM	73	80
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-9 NOT ASCERTAINED	5,102	45,777,006		
	0	143,465	1,200,160,587		
	\$3.00 - \$12.00	91	659,095		
	\$12.01 - \$26.00	45	385,623		
	\$26.01 - \$48.00	67	608,744		
	\$48.01 - \$12352.00	65	571,541		
	TOTAL	148,835	1,248,162,595		

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NAME	DESCRIPTION	FORMAT	TYPE	START	END
OBOF97H	HHLD RPTD AMT PD, OTHER FED(PRE-IMPUTED)	6.2	NUM	81	86
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-9 NOT ASCERTAINED	4,486	39,721,230		
	0	144,333	1,208,317,502		
	\$3.00	7	39,417		
	\$3.01 - \$16.00	1	6,548		
	\$16.01 - \$100.00	6	63,425		
	\$100.01 - \$300.00	2	14,473		
	TOTAL	148,835	1,248,162,595		
OBSL97H	HHLD RPTD AMT PD, STATE&LOC(PRE-IMPUTED)	7.2	NUM	87	93
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-9 NOT ASCERTAINED	3,896	35,524,360		
	0	144,831	1,211,742,902		
	\$2.00 - \$29.00	27	235,232		
	\$29.01 - \$53.50	27	252,585		
	\$53.51 - \$90.00	29	249,134		
	\$90.01 - \$1620.00	25	158,381		
	TOTAL	148,835	1,248,162,595		
OBWC97H	HHLD RPTD AMT PD, WORK COMP(PRE-IMPUTED)	7.2	NUM	94	100
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-9 NOT ASCERTAINED	6,988	62,738,588		
	0	141,733	1,183,936,769		
	\$1.00 - \$60.00	33	489,618		
	\$60.01 - \$100.00	62	825,816		
	\$100.01 - \$3223.00	19	171,805		
	TOTAL	148,835	1,248,162,595		
OBOT97H	HHLD RPTD AMT PD, OTH INSUR(PRE-IMPUTED)	7.2	NUM	101	107
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-9 NOT ASCERTAINED	6,673	58,280,351		
	0	141,105	1,178,885,813		
	\$1.00 - \$25.00	271	2,478,537		
	\$25.01 - \$51.00	259	2,733,288		
	\$51.01 - \$90.00	266	2,883,921		
	\$90.01 - \$3900.00	261	2,900,686		
	TOTAL	148,835	1,248,162,595		

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NAME	DESCRIPTION	FORMAT	TYPE	START	END
OBUC97H	HHLD RPTD AMT PD, UNCOL LIAB(PRE-IMPUTED)	7.2	NUM	108	114
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-9 NOT ASCERTAINED	3,432	32,618,006		
	-8 DK	49	348,943		
	0	145,311	1,214,697,543		
	\$5.00 - \$15.00	12	132,281		
	\$15.01 - \$25.00	10	76,347		
	\$25.01 - \$59.00	11	120,407		
	\$59.01 - \$1500.00	10	169,068		
	TOTAL	148,835	1,248,162,595		
OBTC97H	HHLD REPORTED TOTAL CHARGE (PRE-IMPUTED)	8.2	NUM	115	122
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-9 NOT ASCERTAINED	99,430	793,874,239		
	0	3,670	33,384,385		
	\$1.00 - \$36.00	11,578	101,281,896		
	\$36.01 - \$55.00	11,570	107,059,275		
	\$55.01 - \$96.00	11,189	107,710,346		
	\$96.01 - \$62995.00	11,398	104,852,455		
	TOTAL	148,835	1,248,162,595		
OBSF97M	MPC RPTD AMT PD, FAMILY (UN-IMPUTED)	7.2	NUM	123	129
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-9 NOT ASCERTAINED	100,742	840,980,895		
	-1 INAPPLICABLE	23,254	212,524,420		
	0	15,762	111,189,814		
	\$0.12 - \$8.05	2,270	20,730,690		
	\$8.06 - \$10.00	2,896	29,818,404		
	\$10.01 - \$20.00	1,644	13,683,899		
	\$20.01 - \$5000.00	2,267	19,234,473		
	TOTAL	148,835	1,248,162,595		
OBRM97M	MPC RPTD AMT PD, MEDICARE (UN-IMPUTED)	7.2	NUM	130	136
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-9 NOT ASCERTAINED	101,247	846,037,159		
	-1 INAPPLICABLE	23,254	212,524,420		
	0	20,291	160,806,411		
	\$0.54 - \$26.94	1,011	7,137,454		
	\$26.95 - \$37.00	1,014	6,929,005		
	\$37.01 - \$69.47	1,008	7,466,447		
	\$69.48 - \$2398.52	1,010	7,261,699		
	TOTAL	148,835	1,248,162,595		

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NAME	DESCRIPTION	FORMAT	TYPE	START	END
OBMD97M	MPC RPTD AMT PD, MEDICAID (UN-IMPUTED)	7.2	NUM	137	143
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-9 NOT ASCERTAINED	101,776	845,842,689		
	-1 INAPPLICABLE	23,254	212,524,420		
	0	18,716	160,815,155		
	\$0.06 - \$19.35	1,282	7,440,202		
	\$19.36 - \$34.48	1,263	7,425,597		
	\$34.49 - \$65.00	1,312	7,495,824		
	\$65.01 - \$3709.00	1,232	6,618,710		
	TOTAL	148,835	1,248,162,595		
OBPV97M	MPC RPTD AMT PD, PRIV INS (UN-IMPUTED)	7.2	NUM	144	150
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-9 NOT ASCERTAINED	104,346	873,525,643		
	-1 INAPPLICABLE	23,254	212,524,420		
	0	13,391	90,324,540		
	\$0.20 - \$24.31	1,961	17,499,113		
	\$24.32 - \$41.00	1,972	18,310,855		
	\$41.01 - \$75.00	1,961	18,089,954		
	\$75.01 - \$8681.46	1,950	17,888,071		
	TOTAL	148,835	1,248,162,595		
OBVA97M	MPC RPTD AMT PD, VETERANS (UN-IMPUTED)	5.2	NUM	151	155
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-9 NOT ASCERTAINED	100,540	838,946,022		
	-1 INAPPLICABLE	23,254	212,524,420		
	0	25,041	196,692,154		
	TOTAL	148,835	1,248,162,595		
OBCH97M	MPC RPTD AMT PD, CHMP/CHMPVA(UN-IMPUTED)	6.2	NUM	156	161
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-9 NOT ASCERTAINED	100,522	838,762,976		
	-1 INAPPLICABLE	23,254	212,524,420		
	0	25,008	196,545,850		
	\$6.00 - \$16.24	13	78,618		
	\$16.25 - \$28.35	13	94,690		
	\$28.36 - \$49.48	13	72,306		
	\$49.49 - \$164.08	12	83,736		
	TOTAL	148,835	1,248,162,595		

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NAME	DESCRIPTION	FORMAT	TYPE	START	END
OBOF97M	MPC RPTD AMT PD, OTHER FED (UN-IMPUTED)	6.2	NUM	162	167
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-9 NOT ASCERTAINED	100,518	838,739,374		
	-1 INAPPLICABLE	23,254	212,524,420		
	0	25,025	196,705,684		
	\$11.10 - \$27.67	10	64,484		
	\$27.68 - \$45.00	10	47,651		
	\$45.01 - \$73.76	9	42,849		
	\$73.77 - \$264.00	9	38,134		
	TOTAL	148,835	1,248,162,595		
OBSL97M	MPC RPTD AMT PD, STATE&LOC (UN-IMPUTED)	6.2	NUM	168	173
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-9 NOT ASCERTAINED	100,521	838,753,163		
	-1 INAPPLICABLE	23,254	212,524,420		
	0	24,970	196,324,050		
	\$3.02 - \$27.00	23	120,363		
	\$27.01 - \$50.00	24	164,530		
	\$50.01 - \$80.00	21	131,424		
	\$80.01 - \$317.64	22	144,645		
	TOTAL	148,835	1,248,162,595		
OBWC97M	MPC RPTD AMT PD, WORK COMP (UN-IMPUTED)	7.2	NUM	174	180
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-9 NOT ASCERTAINED	100,703	840,054,054		
	-1 INAPPLICABLE	23,254	212,524,420		
	0	24,532	193,139,541		
	\$7.88 - \$43.35	87	619,872		
	\$43.36 - \$63.26	86	623,290		
	\$63.27 - \$134.68	87	621,938		
	\$134.69 - \$1579.96	86	579,481		
	TOTAL	148,835	1,248,162,595		
OBOT97M	MPC RPTD AMT PD, OTH INSUR (UN-IMPUTED)	7.2	NUM	181	187
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-9 NOT ASCERTAINED	100,625	839,534,115		
	-1 INAPPLICABLE	23,254	212,524,420		
	0	24,835	195,009,571		
	\$2.16 - \$28.62	31	309,524		
	\$28.63 - \$61.46	30	269,233		
	\$61.47 - \$100.00	30	243,684		
	\$100.01 - \$2089.00	30	272,049		
	TOTAL	148,835	1,248,162,595		

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NAME	DESCRIPTION	FORMAT	TYPE	START	END
OBTC97M	MPC REPORTED TOTAL CHARGE (UN-IMPUTED)	8.2	NUM	188	195
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	-9 NOT ASCERTAINED	101,688	848,989,658		
	-1 INAPPLICABLE	23,254	212,524,420		
	0	75	509,601		
	\$2.00 - \$45.00	6,099	47,972,768		
	\$45.01 - \$70.00	6,190	47,469,596		
	\$70.01 - \$130.00	5,681	44,773,386		
	\$130.01 - \$10236.50	5,848	45,923,167		
	TOTAL	148,835	1,248,162,595		
WTDPER97	POVERTY/MORTALITY ADJ PERS LEVL WGT,1997	12.6	NUM	196	207
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	0	3,337	0		
	299.337534 - 66983.924524	145,498	1,248,162,595		
	TOTAL	148,835	1,248,162,595		
VARPSU97	VARIANCE ESTIMATION PSU,1997	2.0	NUM	208	209
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	1 - 34	148,835	1,248,162,595		
	TOTAL	148,835	1,248,162,595		
VARSTR97	VARIANCE ESTIMATION STRATUM,1997	3.0	NUM	210	212
	VALUE	UNWEIGHTED	WEIGHTED BY WTDPER97		
	1 - 254	148,835	1,248,162,595		
	TOTAL	148,835	1,248,162,595		

E. Variable-Source Crosswalk

**E. VARIABLE-SOURCE CROSSWALK
FOR MEPS HC-016G: 1997 OFFICE-BASED MEDICAL PROVIDER VISITS**

File 1:

Survey Administration Variables

Variable	Description	Source
DUID	Dwelling unit ID (encrypted)	Assigned in sampling
PID	Person number (encrypted)	Assigned in sampling
DUPERSID	Sample person ID (DUID + PID)	Assigned in sampling
EVNTIDX	Event ID	Assigned in Sampling
EVENTRN	Event round number	CAPI derived
FFEEIDX	Flat fee ID	CAPI derived
MPCELIG	MPC eligibility flag	CAPI derived
MPCDATA	MPC data flag	CAPI derived

Medical Provider Visits Variables

Variable	Description	Source
OBDATEYR	Event date – year	CAPI derived
OBDATEMM	Event date – month	CAPI derived
OBDATEDD	Event date – day	CAPI derived
SEETLKPV	Did P visit provider in person or telephone	MV01
REFERDBY	P referred for this visit another physician	MV02
SEEDOC	Did P talk to MD this visit/phone call	MV03
MEDPTYPE	Type of medical person P talked to on visit date	MV04
TIMESPNT	Time spent with doctor/medical person	MV05
DOCATLOC	Any MDs work at location where P saw provider	MV06
VSTCTGRY	Best category for care P received on visit date	MV07
VSTRELCN	This visit/phone call related to specific condition	MV08
PHYSTH	This visit did P have physical therapy	MV10
OCCUPTH	This visit did P have occupational therapy	MV10
SPEECHTH	This visit did P have speech therapy	MV10
CHEMOTH	This visit did P have chemotherapy	MV10
RADIATTH	This visit did P have radiation therapy	MV10
KIDNEYD	This visit did P have kidney dialysis	MV10
IVTHER	This visit did P have IV therapy	MV10
DRUGTRT	This visit did P have treatment for drug or alcohol	MV10
RCVSHOT	This visit did P receive an allergy shot	MV10
PSYCHOTH	Did P have psychotherapy/counseling	MV10
LABTEST	This visit did P have lab tests	MV11
SONOGRAM	This visit did P have sonogram or ultrasound	MV11
XRAYS	This visit did P have x-rays	MV11
MAMMOG	This visit did P have a mammogram	MV11
MRI	This visit did P have MRI	MV11

Variable	Description	Source
EKG	This visit did P have EKG or ECG	MV11
EEG	During this visit did P have a CATSCAN	MV11
RCVVAC	This visit did P receive a vaccination	MV11
ANESTH	During this visit did P receive anesthesia	MV11
OTHSVCE	This visit did P have other diagnostic tests/exams	MV11
SURGPROC	Was surgical procedure performed on P this visit	MV12
SURGNAME	Surgical procedure name in categories	MV13
MEDPRESC	Any medicines prescribed for P this visit	MV14
VAPLACE	VA Facility Flag	Constructed
OBICD1X	3-digit ICD-9 condition code	Edited
OBICD2X	3-digit ICD-9 condition code	Edited
OBICD3X	3-digit ICD-9 condition code	Edited
OBICD4X	3-digit ICD-9 condition code	Edited
OBPRO1X	2-digit ICD-9 procedure code	Edited
OBCCC1X	Modified Clinical Classification Code	Constructed/Edited
OBCCC2X	Modified Clinical Classification Code	Constructed/Edited
OBCCC3X	Modified Clinical Classification Code	Constructed/Edited
OBCCC4X	Modified Clinical Classification Code	Constructed/Edited
NUMCOND	Total number of COND records linked to this event	Constructed

Imputed Expenditure Variables

Variable	Description	Source
FFOBTYP	Edited Flat Bundle	FF01,FF02 (Edited)
FFBEF97	Total # visits in flat fee before 1997	FF05
FFTOT98	Number of visits in flat fee after 1997	FF10
OBSF97X	Amount paid, family (imputed)	CP11 (Edited/Imputed)
OBSMR97X	Amount paid, Medicare (imputed)	CP09 (Edited/Imputed)

OBMD97X	Amount paid, Medicaid (imputed)	CP07 (Edited/Imputed)
OBPV97X	Amount paid, Private Insurance (imputed)	CP07 (Edited/Imputed)
OBVA97X	Amount paid, Veterans (imputed)	CP07 (Edited/Imputed)
OBCH97X	Amount paid, CHAMP/CHAMPVA (imputed)	CP07 (Edited/Imputed)
OBOF97X	Amount paid, other federal (imputed)	CP07 (Edited/Imputed)
OBSL97X	Amount paid, state/local govt. (imputed)	CP07 (Edited/Imputed)
OBWC97X	Amount paid, Worker's Comp (imputed)	CP07 (Edited/Imputed)
OBOR97X	Amount paid, other private (imputed)	Constructed
OBOU97X	Amount paid, other public (imputed)	Constructed
OBOT97X	Amount paid, other insurance (imputed)	CP07 (Edited/Imputed)
OBXP97X	Sum of payments OBSF97X – OBOT97X	Constructed
OBTC97X	Total charge (imputed)	CP09 (Edited/Imputed)
IMPOBSLF	Imputation flag for OBSF97X	Constructed
IMPOBMCR	Imputation flag for OBMR97X	Constructed
IMPOBMCD	Imputation flag for OBMD97X	Constructed
IMPOBPRV	Imputation flag for OBPV97X	Constructed
IMPOBVA	Imputation flag for OBVA97X	Constructed
IMPOBCHM	Imputation flag for OBCH97X	Constructed
IMPOBOFD	Imputation flag for OBOF97X	Constructed
IMPOBSTL	Imputation flag for OBSL97X	Constructed
IMPOBWCP	Imputation flag for OBWC97X	Constructed
IMPOBOPR	Imputation flag for OBOR97X	Constructed
IMPOBOPU	Imputation flag for OBOU97X	Constructed
IMPOBOTH	Imputation flag for OBOT97X	Constructed
IMPOBCHG	Imputation flag for OBTC97X	Constructed

Weights

Variable	Description	Source
WTDPER97	Person weight full-year 1997 (poverty adjusted)	Constructed
VARPSU97	Variance estimation PSU 1997	Constructed
VARSTR97	Variance estimation stratum	Constructed

File 2:

Survey Administration Variables

Variable	Description	Source
DUID	Dwelling unit ID	Assigned in sampling
PID	Person number	Assigned in sampling
DUPERSID	Sample person ID (DUID + PID)	Assigned in sampling
EVNTIDX	Event ID	Assigned in Sampling
HHSFFIDX	Household reported flat fee ID	CAPI derived

Pre-imputed Expenditure Variables

OBSF97H	Household reported amount paid, family (pre-imputed)	CP11 (Edited/Imputed)
OBMR97H	Household reported amount paid, Medicare (pre-imputed)	CP09 (Edited/Imputed)
OBMD97H	Household reported amount paid, Medicaid (pre-imputed)	CP07 (Edited/Imputed)
OBPV97H	Household reported amount paid, Private Insurance (pre-imputed)	CP07 (Edited/Imputed)
OBVA97H	Household reported amount paid, Veterans (pre-imputed)	CP07 (Edited/Imputed)
OBCH97H	Household reported amount paid, CHAMP/CHAMPVA (pre-imputed)	CP07 (Edited/Imputed)
OBOF97H	Household reported amount paid, other federal (pre-imputed)	CP07 (Edited/Imputed)
OBSL97H	Household reported amount paid, state/local govt. (pre-imputed)	CP07 (Edited/Imputed)
OBWC97H	Household reported amount paid, Worker's Comp (pre-imputed)	CP07 (Edited/Imputed)
OBOT97H	Household reported amount paid, other insurance (pre-imputed)	CP07 (Edited/Imputed)
OBUC97H	Household reported amount paid, uncollected liability (pre-imputed)	CP07 (Edited/Imputed)
OBTC97H	Household reported total charge (pre-imputed)	CP09 (Edited/Imputed)
OBSF97M	MPC reported amount paid, family (unimputed)	HEF8a

OBMR97M	MPC reported amount paid, Medicare (unimputed)	HEF8b
OBMD97M	MPC reported amount paid, Medicaid (unimputed)	HEF8c
OBPV97M	MPC reported amount paid, Private Insurance (unimputed)	HEF8d
OBVA97M	MPC reported amount paid, Veterans (unimputed)	HEF8e
OBCH97M	MPC reported amount paid, CHAMP/CHAMPVA (unimputed)	HEF8f
OBOF97M	MPC reported amount paid, other federal (unimputed)	HEF8g
OBSL97M	MPC reported amount paid, state/local govt. (unimputed)	HEF8g
OBWC97M	MPC reported amount paid, Worker's Comp (unimputed)	HEF8g
OBOT97M	MPC reported amount paid, other insurance (unimputed)	HEF8g
OBTC97M	MPC reported total charge (unimputed)	HEF9

Weights

Variable	Description	Source
WTDPER97	Person weight full-year 1997 (poverty adjusted)	Constructed
VARPSU97	Variance estimation PSU 1997	Constructed
VARSTR97	Variance estimation stratum	Constructed