

**MEPS HC 241:  
2022 Medical Conditions**

**August 2024**

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## A. Data Use Agreement

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Individual identifiers have been removed from the micro-data contained in these files. 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 dataset in any way except for statistical reporting and analysis; and
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; and
3. No one will attempt to link this dataset with individually identifiable records from any datasets other than the Medical Expenditure Panel Survey or the National Health Interview Survey. Furthermore, linkage of the Medical Expenditure Panel Survey and the National Health Interview Survey may not occur outside the AHRQ Data Center, NCHS Research Data Center (RDC) or the U.S. Census RDC network.

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 Title 18 part 1 Chapter 47 Section 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**

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### **1.0 Household Component**

The Medical Expenditure Panel Survey (MEPS) provides nationally representative estimates of health care use, expenditures, sources of payment, and health insurance coverage for the U.S. civilian noninstitutionalized population. The MEPS Household Component (HC) also provides estimates of respondents' health status, demographic and socioeconomic characteristics, employment, access to care, and satisfaction with care. Estimates can be produced for individuals, families, and selected population subgroups. The panel design of the survey includes five rounds of interviews covering 2 full calendar years. Additional rounds were added to Panel 24 in 2021 and 2022, covering the third and fourth years, respectively, to compensate for the smaller number of completed interviews in later panels. These extra rounds provide data for examining person-level changes in selected variables such as expenditures, health insurance coverage, and health status. Information about each household member is collected through computer-assisted personal interviewing (CAPI) technology, and the survey builds on this information from interview to interview. All data for a sampled household are reported by a single household respondent.

The MEPS HC was initiated in 1996. Each year, a new panel of sample households is selected. Because the data collected are comparable to those from earlier medical expenditure surveys conducted in 1977 and 1987, it is possible to analyze long-term trends. Historically, each annual MEPS HC sample consists of approximately up to 15,000 households. Data can be analyzed at the person, the family, or the event level. Data must be weighted to produce national estimates.

The set of households selected for each panel of the MEPS HC is a subsample of households participating in the previous year's National Health Interview Survey (NHIS) conducted by the National Center for Health Statistics (NCHS). The NHIS sampling frame provides a nationally representative sample of the U.S. civilian noninstitutionalized population. In 2006, the NCHS implemented a new sample design for the NHIS, to include households with Asian persons in addition to households with Black and Hispanic persons in the oversampling of minority populations. In 2016, NCHS introduced another sample design that discontinued the oversampling of these minority groups.

### **2.0 Medical Provider Component**

When the household CAPI interview is completed, and permission is obtained from the household survey respondents to contact their medical provider(s), a sample of these providers is contacted by telephone to obtain information that household respondents cannot accurately provide. This part of the MEPS is called the Medical Provider Component (MPC), and it collects information on dates of visits, diagnosis and procedure codes, and charges and payments. The Pharmacy Component (PC), a subcomponent of the MPC, does not collect data on charges or on diagnosis and procedure codes, but it does collect detailed information on drugs, including the National Drug Code (NDC) and medicine name, as well as amounts of payment. The MPC is not

designed to yield national estimates. It is primarily used as an imputation source to supplement/replace household reported expenditure information.

### **3.0 Survey Management and Data Collection**

MEPS HC and MPC data are collected under the authority of the Public Health Service Act. The MEPS HC data are collected under contract with Westat, Inc. and the MEPS MPC data are collected under contract with Research Triangle Institute. Datasets and summary statistics are edited and published in accordance with the confidentiality provisions of the Public Health Service Act and the Privacy Act. The NCHS provides consultation and technical assistance.

As soon as the MEPS data are collected and edited, they are released to the public in stages of microdata files and tables via the [MEPS website](#) and [datatools.ahrq.gov](http://datatools.ahrq.gov).

Additional information on MEPS is available from the MEPS project manager or the MEPS public use data manager at the Center for Financing, Access, and Cost Trends, Agency for Healthcare Research and Quality, 5600 Fishers Lane, Rockville, MD 20857 (301-427-1406).

## C. Technical and Programming Information

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### 1.0 General Information

This documentation describes the Medical Conditions Public Use File HC 241 (hereafter referred to as the Conditions PUF), which is one in a series of public use data files to be released from the 2022 Medical Expenditure Panel Survey Household Component (MEPS HC). It was released as an ASCII file (with related SAS, SPSS, R, and Stata programming statements and data user information), and as a SAS dataset, a SAS transport file, a Stata dataset, and an Excel file. The Conditions PUF provides information on household-reported medical conditions collected from a nationally representative sample of the U.S. civilian noninstitutionalized population for calendar year 2022 MEPS HC. It contains 33 variables and has a logical record length of 119 with an additional 2-byte carriage return/line feed at the end of each record.

This documentation offers a brief overview of the types and levels of data provided and a detailed description of the content and structure of the files. It is organized into the following sections:

- Data File Information (Section 2.0)
- Survey Sample Information (Section 3.0)
- National Health Interview Survey (Section 4.0)
- Longitudinal Analysis (Section 5.0)
- Variable-Source Crosswalk (Section D)
- Appendix: ICD10CDX and CCSR Condition Code Frequencies (Appendix 1)

A codebook of all the variables included in the 2022 Conditions PUF is provided in an accompanying file.

For more information on the MEPS sample design, see Chowdhury et al. (2019). A copy of the survey instrument used to collect the information in this PUF is available on the [MEPS website](#).

### 2.0 Data File Information

This PUF contains 83,173 records. Each record represents one *current* medical condition reported for a household survey member who resides in an eligible responding household and who has a positive person or family weight. A condition is defined as *current* if it is linked to an event during 2022. Conditions in the Priority Condition Enumeration (PE) section are asked in the context of “has (person) ever been told by a doctor or other health care professional that they have (condition)?” except joint pain and chronic bronchitis, which asks only about the last 12

months. Persons with a response of Yes (1) to a priority condition question for whom the condition is not *current* as defined above will not have a record for that condition in this PUF.

This PUF consists of MEPS survey data obtained in Rounds 7, 8, and 9 of Panel 24; Rounds 3, 4, and 5 of Panel 26; and Rounds 1, 2, and 3 of Panel 27, the rounds for the MEPS panels covering calendar year 2022. Panel 24 was extended to include Rounds 7, 8, and 9, and the Panel 24 Round 7 reference period was extended into 2022.

For most variables on the file, the codebook provides both weighted and unweighted frequencies. The exceptions to this are weight variables and variance estimation variables. Only unweighted frequencies of these variables are included in the accompanying codebook file. See the Weights Variables list in Section D, “Variable-Source Crosswalk.”

Person-level data (e.g., demographic or health insurance characteristics) from the 2022 MEPS Full Year Consolidated file (HC 243) can be merged to the records in this file using DUPERSID. Since each record represents a single condition reported by a household respondent, some household members may have multiple medical conditions and thus will be represented by multiple records on this file. Other household members may have had no reported medical conditions and thus will have no records on this file. Still other household members may have had a reported medical condition that did not meet the criteria above and thus will have no records on this file. Data from this file also can be merged to 2022 MEPS Event Files (HC 239A, and HC 239D through HC 239H) by using the link files provided in HC 239I. (See HC 239I documentation for details.)

## **2.1 Codebook Structure**

The codebook and data file list variables in the following order:

- Unique person identifiers
- Unique condition identifiers
- Medical condition variables
- Utilization variables
- Weight and variance estimation variables

Note that the person identifier is unique within this data year.



## 2.2 Reserved Codes

This Conditions PUF contains several reserved code values.

**Table 1**

***Reserved Code Values and Definitions***

Value	Definition
-1 Inapplicable	Question was not asked due to skip pattern
-7 Refused	Question was asked and respondent refused to answer question
-8 Don't Know	Question was asked and respondent did not know answer or the information could not be ascertained
-15 Cannot be Computed	Value cannot be derived from data

The value Cannot be Computed (-15) was assigned to the MEPS constructed variables when there was not enough information from the instrument to calculate the constructed variables. Not having enough information is often the result of skip patterns in the data or of missing information stemming from the responses of Refused (-7) or Don't Know (-8). Note that, in addition to Don't Know, reserved code -8 also includes cases for which the information from the question was Not Ascertained.

## 2.3 Codebook Format

This codebook describes an ASCII dataset (although the data are also being provided in an Excel file, a Stata dataset, a SAS dataset, and a SAS transport file), and provides the programming identifiers for each variable.

**Table 2**

***Variable Programming Identifiers***

Identifier	Description
Name	Variable name
Description	Variable descriptor
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, the variable names reflect the content of the variable, with an 8-character limitation. Edited variables end in an “X” and are so noted in the variable label. (CONDIDX, which is an encrypted identifier variable, also ends in an “X”.)

As the collection, universe, or categories of variables were altered, the variable names have been appended with “\_Myy” to indicate the collection year in which the alterations took place. These alterations are described in detail throughout this document.

Variables in this Conditions PUF were derived either from the questionnaire itself or from the CAPI. The source of each variable is identified in Section D: “Variable-Source Crosswalk.” Sources for each variable are indicated in one of three ways: (1) variables derived from CAPI or assigned in sampling are so indicated; (2) variables collected at one or more specific questions have those numbers and questionnaire sections indicated in the “Source” column; and (3) variables constructed from multiple questions using complex algorithms are labeled “Constructed” in the “Source” column.

## 2.5 File Contents

### 2.5.1 Identifier Variables (DUID-CONDRN)

The definitions of Dwelling Units (DUs) in the MEPS HC are generally consistent with the definitions employed for the NHIS. The Dwelling Unit ID (DUID) is a 7-digit ID number consisting of a 2-digit panel number followed by a 5-digit random number assigned after the case was sampled for MEPS. A 3-digit person number (PID) uniquely identifies each person within the DU. The variable DUPERSID is the combination of the variables DUID and PID. IDs begin with a 2-digit panel number.

CONDN is the condition number and uniquely identifies each condition reported for an individual. A 3-digit CONDN beginning with “9” reflects a condition that was added during the editing process. Note that conditions are not added every year during editing. The range in this PUF for CONDN is 1-70.

The variable CONDIDX uniquely identifies each condition (i.e., each record in this PUF) and is the combination of DUPERSID and CONDN. CONDIDX has a length of 13 with DUPERSID (10) and CONDN (3) combined.

PANEL is a constructed variable used to specify the panel number for the interview in which the condition was reported. PANEL will indicate Panel 24, Panel 26, or Panel 27. The panel number is included as the first two digits of the DUID and DUPERSID.

CONDRN indicates the round in which the condition was first *reported*. For a small number of cases, conditions that actually began in an earlier round were not reported by respondents until subsequent rounds of data collection. During file construction, editing was performed for these

cases in order to reconcile the round in which a condition began and the round in which the condition was first reported.

## **2.5.2 Medical Condition Variables (AGEDIAG-ICD10CDX)**

This PUF contains variables describing medical conditions reported by respondents in several sections of the MEPS questionnaire, and all questionnaire sections collecting information about health provider visits and/or prescription medications (see Variable-Source Crosswalk in Section D for details).

### ***Priority Conditions and Injuries***

Certain conditions were *a priori* designated as “priority conditions” due to their prevalence, expense, or relevance to policy. Some of these are long-term, life-threatening conditions, such as cancer, diabetes, emphysema, high cholesterol, hypertension, ischemic heart disease, and stroke. Others are chronic, manageable conditions, including arthritis and asthma. The only mental health condition on the priority conditions list is attention deficit hyperactivity disorder/attention deficit disorder.

When a condition was first mentioned, respondents were asked whether it was due to an accident or injury (INJURY=1). Only non-priority conditions (i.e., conditions reported in a section other than PE) are eligible to be injuries. The interviewer is prevented from selecting priority conditions as injuries.

### **Complete List of Conditions Asked in Priority Conditions Enumeration Section:**

- Arthritis
- Asthma
- ADHD/ADD
- Cancer
- Chronic bronchitis
- COVID-19 and Long COVID
- Diabetes
- Emphysema
- Heart Disease (including coronary heart disease, angina, myocardial infarction, and other unspecified heart disease)
- High blood pressure, including multiple diagnoses

- High cholesterol
- Joint pain
- Stroke

### ***Age Priority Condition Began***

The age of diagnosis (AGEDIAG) was collected for all priority conditions, except joint pain. For confidentiality reasons, AGEDIAG is set to Inapplicable (-1) for cancer conditions.

To ensure confidentiality, age of diagnosis was top-coded to 85. This corresponds with the age top-coding in person-level PUFs.

### ***Follow-up Questions for Injuries***

When a respondent reported that a condition resulted from an accident or injury (INJURY=1), respondents were asked during the round in which the injury was first reported whether the accident/injury occurred at work (ACCDNWRK). This question was not asked about persons aged 15 and younger; the condition had ACCDNWRK coded to inapplicable (-1) for those persons.

### ***Sources for Conditions on the MEPS Conditions File***

The records in this PUF correspond with medical condition records collected by CAPI and stored on a person's MEPS conditions roster. Conditions can be added to the MEPS conditions roster in several ways. A condition can be reported in the Priority Condition Enumeration (PE) section in which persons are asked if they have been diagnosed with specific conditions. The condition can be identified as the reason reported by the household respondent for a particular medical event (hospital stay, outpatient visit, emergency room visit, home health episode, prescribed medication purchase, or office-based medical provider visit). Some condition information is collected in the MPC of MEPS. However, since it is not available for everyone in the sample, it is not used to supplement, replace, or verify household-reported condition data. Conditions reported in the PE section that are not current are not included in this PUF.

### ***Treatment of Data from Rounds Not Occurring in 2022***

Prior to the 2008 PUF, priority conditions reported during Rounds 1 and 2 of the second year panel were included in the PUF even if the conditions were not related to an event or reported as a serious condition occurring in the second year of the panel. Beginning in 2008, priority conditions are included in the PUF only if they are also current conditions. From 2008-2017, a current condition was defined as a condition linked to an event or a condition the person was currently experiencing (i.e., a condition selected in the Condition Enumeration (CE) section). However, starting in Panel 21 Round 5 and Panel 22 Round 3, a current condition is defined only

as a condition linked to a current year event. Conditions from Panel 24 Rounds 5-7 and Panel 26 Rounds 1-3 that are not included in the 2022 PUF may be available in the 2021 Conditions PUF if the person had a positive person or family weight in 2021.

Note: Priority conditions are generally chronic conditions. Even though a person may not have reported an event in 2022 due to the condition, analysts should consider that the person may still be experiencing the condition. If a Panel 26 person reported a priority condition in Round 1 or 2 and did not have an event for the condition in Round 3, 4, or 5, the condition will not be included on the 2022 Medical Conditions PUF. Similarly: if a Panel 24 person reported a priority condition in Round 1, 2, 3, 4, 5, or 6 and did not have an event for the condition in Round 7, 8, or 9, the condition will not be included on the 2022 Conditions PUF.

### ***Rounds in Which Conditions Were Reported/Selected (CRND1 - CRND9)***

A set of constructed variables indicates the round in which the condition was first reported (CONDRN), and the subsequent round(s) in which the condition was selected (CRND1 - CRND9). The condition may be reported or selected when the person reports an event that occurred due to the condition. For example, consider a condition for which CRND1 = 0, CRND2 = 1, and CRND3 = 1. For non-priority conditions (conditions not asked in the PE section), this sequence of indicators on a condition record implies that the condition was not present during Round 1 (CRND1 = 0), was first mentioned during Round 2 (CRND2 = 1, CONDRN = 2), and was selected again during Round 3 (CRND3 = 1). For priority conditions, this sequence of indicators implies that the condition was reported in the PE section in Round 1 (CONDRN = 1, CRND1 = 0) but was not connected with an event until Rounds 2 and 3 (CRND2 = 1, CRND3 = 1). Because priority conditions are asked in the context of “has (person) ever been told by a doctor or other health care professional that they have (condition)?” except joint pain and chronic bronchitis, which ask only about the last 12 months, a priority condition might not be selected in the round in which it was first reported. A condition is current if it is linked to an event that occurred in 2022.

### ***Diagnosis Codes***

Medical conditions reported by the HC respondent were recorded by the interviewer using a condition pick-list with ICD-10-CM codes already assigned to conditions in the list. Reported conditions not in the pick-list were recorded as verbatim text and then were coded to ICD-10-CM codes (ICD10CDX) by professional coders.

Coders followed specific guidelines in coding missing values to the ICD-10-CM diagnosis condition variable when a verbatim text string could not be matched to an ICD-10-CM code through the pick-list. ICD10CDX was coded -15 (Cannot be Computed) where the verbatim text fell into one of three categories: (1) the text indicated that the condition was unknown (e.g., DK); (2) the text indicated the condition could not be diagnosed by a doctor (e.g., doctor doesn’t know); or (3) the specified condition was not codable. If the text indicated a procedure and the condition associated with the procedure could be discerned from the text, the condition itself was coded. For example, “cataract surgery” would be coded as the condition “other cataract”

(ICD10CDX is set to code “H26”). If the condition could not be discerned (e.g. “outpatient surgery”), ICD10CDX was set to -15.

In order to preserve confidentiality, all of the conditions provided in this PUF have been collapsed to 3-digit diagnosis code categories rather than the fully-specified ICD-10-CM code. For example, the ICD10CDX value of J02 “Acute pharyngitis” includes the fully-specified subclassifications J020 and J029; the value F31 “Bipolar disorder” includes the fully-specified subclassifications F3110 through F319. Table 1 in Appendix 1 provides unweighted and weighted frequencies for all ICD-10-CM condition code values reported in the PUF. Less than 1 percent of the ICD-10-CM codes in this PUF were edited further by collapsing two or more 3-digit codes into one 3-digit code. This includes clinically rare conditions that were recoded to broader codes by clinicians. A condition is determined to be clinically rare if it appears on the [National Institutes of Health’s list of rare diseases](#).

For confidentiality purposes, approximately 10% of ICD-10-CM codes were recoded to -15 (Cannot be Computed) for conditions where the frequency was fewer than 40 for the total unweighted population in the PUF or less than 400,000 for the weighted population. Additional factors used to determine recoding include age and sex.

In a small number of cases, diagnosis and condition codes were recoded to Cannot be Computed (-15) if they denoted a pregnancy for a person younger than 18 or older than 44. Less than one-tenth of 1 percent of records were recoded in this manner on the 2022 Conditions PUF. The person’s age was determined by linking the 2022 Conditions PUF to the 2021 and 2022 Population Characteristics PUF. If the person’s age is under 18 or over 44 in the round in which the pregnancy-related condition was reported, the pregnancy-related condition code was recoded to Cannot be Computed (-15).

Users should note that because of the design of the survey, most deliveries (i.e., births) are coded as pregnancies. For more accurate estimates for deliveries, analysts should use RSNINHOS “Reason Entered Hospital” found on the Hospital Inpatient Stays PUF (HC 239D).

Conditions PUF data can be merged with the 2022 Event PUFs using the 2022 Condition-Event Link PUF (HC 239I). Because the conditions have been collapsed to 3-digit diagnosis code categories rather than the fully-specified ICD-10-CM code, it is possible for there to be duplicate ICD-10-CM condition codes linked to a single medical event when different fully-specified conditions are coded to the same 3-digit code.

Conditions were reported in several sections of the HC questionnaire (see Variable-Source Crosswalk in Section D). Labels for all values of ICD10CDX, as shown in Table 1 of Appendix 1, are provided in the SAS programming statements included in this release (see the H241SU.TXT file).

### ***Clinical Classification Software Refined***

Clinical Classification Software Refined (CCSR) codes are used alongside ICD-10-CM diagnosis codes to group medical conditions into clinically meaningful categories. Although ICD-10-CM diagnosis codes can map to multiple CCSR codes, for the purposes of this PUF, one

ICD-10-CM diagnosis code may map to up to four CCSR categories (CCSR1X, CCSR2X, CCSR3X, and CCSR4X) using the v2023.1 release of the CCSR for ICD-10-CM diagnoses. The CCSR codes on this PUF are listed in alphabetical order and do not indicate a primary and secondary diagnosis. For more information on CCSR, visit the [user guide for CCSR](#).

For confidentiality purposes, approximately 5% of the CCSR categories were collapsed into a broader code for the appropriate body system where the frequency was less than 40 for the total unweighted population in the file or less than 400,000 for the weighted population. For example, BLD001 (Nutritional Anemia), may be recoded to BLD000 (Disease of Blood and Disorders Involving Immune Mechanism), thus revealing only the body system. Less than 1% of CCSR codes were recoded to Cannot be Computed (-15) based on frequencies of ICD10CDX and CCSR pairs.

Table 2 in Appendix 1 provides unweighted and weighted frequencies for CCSR combinations reported in this PUF.

### **2.5.3 Utilization Variables (OBCOND - RXCOND)**

The variables OBCOND, OPCOND, HHCOND, IPCOND and ERCOND indicate that at least one 2022 event can be linked to the condition record on the current file, i.e., office-based, outpatient, home health, inpatient hospital stays and emergency room visits. Note that the HHCOND variable includes all home health types, including informal care, and OBCOND and OPCOND include telehealth visits. The variable RXCOND is an indicator of any prescribed medicine purchase associated with the condition.

These event indicators were derived from Expenditure Event PUFs (HC 239G, HC 239F, HC 239H, HC 239D, HC 239E, and HC 239A). Events associated with conditions include all utilization that occurred between January 1, 2022 and December 31, 2022.

## **3.0 Survey Sample Information**

### **3.1 Discussion of Pandemic Effects on Quality of MEPS Data**

The challenges associated with MEPS data collection in 2020 after the onset of the COVID-19 pandemic continued through 2021 and possibly into 2022. The major modifications to the standard MEPS study design remained in effect, permitting data to be collected safely but with accompanying concerns related to the quality of the data obtained. The suggestion made in the documentation for the FY 2020 and FY 2021 MEPS Consolidated PUF data still holds. Researchers are counseled to take care in the interpretation of estimates based on data collected from these three calendar years. This includes the comparison of such estimates to those of other years and corresponding trend analyses.

Section 3.1 of the documentation for the [2020 Consolidated PUF](#) provides a general discussion of the impact of the COVID-19 pandemic on several other major in-person federal surveys as well as on MEPS. In addition, it offers a detailed look at how MEPS was modified to permit safe

data collection and the development of useful estimates at a time when the way the U.S. health care system functioned underwent many transformations to meet population needs. Three sources of potential bias were identified for MEPS for FY 2020: (1) long recall period for Round 6 of Panel 23, (2) switching from in-person to telephone interviewing which likely had a larger impact on Panel 25, and (3) the impact of CPS bias on the MEPS weights. A number of statistically significant differences were found between panels for FY 2020. Those findings are discussed in MEPS HC 224.

Concerns of potential bias for FY 2021 and between panel differences are discussed in Section 3.1 of the documentation for the 2021 Consolidated PUF. Additional analysis has also uncovered a concerning trend on event reporting in MEPS following the COVID-19 pandemic. While reporting of other event types has rebounded from the dip experienced in 2020, inpatient (IP) and emergency room (ER) utilization reports collected in FY 2021 did not rebound as much as key benchmarks, even though these are the most salient event types. Modifications made to the MEPS sample design discussed in the 2022 Population Characteristics PUF may have partially contributed to the concerning trend.

Concerns for potential bias for FY 2022 include:

- The impact of the pandemic on NHIS data collection and the resulting Panel 26 MEPS sample (Section 3.1.1 of the 2022 Population Characteristics PUF). NHIS response rates in the pandemic and shifts in the resulting MEPS sample may have increased the likelihood that the MEPS Panel 26 respondents differed in composition compared to previous years.
- The extension of panels (beginning of Section 3.1 of the 2022 Population Characteristics PUF). While there is a benefit in boosting the MEPS sample size by keeping pre-pandemic panels active for an additional two years to counter reduced response rates, there are two risks with this approach: attrition in these panels beyond what is experienced in two years, which may lead households with more serious health issues to leave MEPS, and a conditioning effect whereby respondents learn over time that reporting events results in a longer interview.
- Significantly lower response rates (Section 3.2 of the 2022 Population Characteristics PUF) that could differentially exclude households more likely to experience IP stays. The demographic shifts on MEPS between 2019 and 2021 suggest a more educated, higher-income, older MEPS.

Preliminary analyses undertaken to examine the quality of the MEPS FY 2022 data compared health care utilization for the MEPS target population between the panels fielded. These comparisons were undertaken for the full sample and the three age groups of 0-17, 18-64, and 65+.

These comparisons found no major differences in IP or ER visits between the three panels. Slight differences were observed in dental visits and outpatient visits. For dental visits, Panel 26 reported at a higher rate than Panel 24 or Panel 27 in the age range 18-64. For outpatient visits, Panel 24 reported at a lower rate than Panel 26 and Panel 27 in the age range 18-64.



In summary, the weights developed for the MEPS FY 2022 data can be expected to produce useful estimates for initial analyses. Further analyses of MEPS estimates will be conducted as part of the production of the FY 2022 Consolidated PUF to be released later in 2024. This will help identify any additional data quality issues as well as possible improvements that could be implemented.

The various actions taken in the development of the person-level weights for the MEPS FY 2022 data were designed to limit the potential for bias in the data due to changes in data collection and response bias. However, evaluations of MEPS data quality in 2021 and 2022 suggest that users of the MEPS FY 2022 PUFs should continue to exercise caution when interpreting estimates and assessing analyses based on these data, as well as in comparing 2022 estimates to those of prior years.

### **3.2 Sample Weight (PERWT22F)**

There is a single full-year person-level weight (PERWT22F) assigned to each record for each Key, in-scope person who responded to MEPS for the full period of time that they were in scope during 2022. A Key person was either a member of a responding NHIS household at the time of the interview or joined a family associated with such a household after being out of scope at the time of the NHIS (the latter circumstance includes newborns as well as those returning from military service, an institution, or residence in a foreign country). A person is in scope whenever they are a member of the civilian noninstitutionalized portion of the U.S. population.

### **3.3 Details on Person Weight Construction**

The person-level weight PERWT22F was developed in several stages. First, a person-level weight for Panel 24 was created, including an adjustment for nonresponse over time and raking. The raking involved adjusting to several sets of marginal control totals reflecting Current Population Survey (CPS) population estimates based on six variables. The six variables used in the establishment of the initial person-level control figures were: educational attainment of the reference person (three categories: no degree; high school/GED only or some college; bachelor's or a higher degree); Census region (Northeast, Midwest, South, West); MSA status (MSA, non-MSA); race/ethnicity (Hispanic; Black, non-Hispanic; Asian, non-Hispanic; and other); sex; and age (0-18, 19-25, 26-34, 35-44, 45-64, and 65 or older). (Note, however, that for confidentiality reasons, the MSA status variables are no longer released for public use.) The person-level weights for Panel 26 and Panel 27 were created similarly. Secondly, a composite weight was formed by multiplying each weight from Panel 24 by the factor .22, each weight from Panel 26 by the factor .29, and each weight from Panel 27 by the factor .49. The choice of factors reflected the relative effective sample sizes of the three panels, helping to limit the variance of estimates obtained from pooling the three samples. Weights for the 2022 Population Characteristics PUF were then developed by raking the composite weight to the same set of CPS-based control totals.

The approach for establishing the 2022 Consolidated PUF weight is as follows. When poverty status information derived from MEPS income variables becomes available, a final raking is undertaken. The full sample weight appearing on the Population Characteristics PUF for a given

year is re-raked, replacing educational attainment with poverty status while retaining the other five raking variables previously indicated. Specifically, control totals based on CPS estimates of poverty status (five categories: 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) as well as age, race/ethnicity, sex, region, and MSA status are used to calibrate weights.

### **3.3.1 MEPS Panel 24 Weight Development Process**

The person-level weight for MEPS Panel 24 was developed using the 2021 full-year weight for an individual as a “base” weight for 2021 survey participants present in 2022. For Key, in-scope members who joined an RU some time in 2022 after being out of scope in 2021, the initially assigned person-level weight was the corresponding 2021 family weight. The weighting process included an adjustment for person-level nonresponse over Rounds 8 and 9 as well as raking to population control figures for December 2022 for Key, responding persons in scope on December 31, 2022. These control totals were derived by scaling back the population distribution obtained from the March 2023 CPS to reflect the December 31, 2022 estimated population total (estimated based on Census projections for January 1, 2023). Variables used for person-level raking included: education of the reference person (three categories: no degree; high school/GED only or some college; bachelor’s or a higher degree); Census region (Northeast, Midwest, South, West); MSA status (MSA, non-MSA); race/ethnicity (Hispanic; Black, non-Hispanic; Asian, non-Hispanic; and other); sex; and age (0-18, 19-25, 26-34, 35-44, 45-64, and 65 or older). (Note, however, that for confidentiality reasons, the MSA status variables are no longer released for public use.) The final weight for Key, responding persons who were not in scope on December 31, 2022 but were in scope earlier in the year was the nonresponse-adjusted person weight without raking.

The 2021 full-year weight used as the base weight for Panel 24 was derived from the 2019 MEPS Round 1 weight and reflected adjustment for nonresponse over the remaining data collection rounds in 2019, 2020, and 2021 as well as raking to the December 2019, December 2020, and December 2021 population control figures.

### **3.3.2 MEPS Panel 26 Weight Development Process**

The person-level weight for MEPS Panel 26 was developed by using the 2021 full-year weight as a “base” weight for survey participants present in 2022.

For Key, in-scope members who joined an RU at some time in 2022 after being out of scope in 2021, the initially assigned person-level weight was the corresponding 2021 family weight. The weighting process also included an adjustment for person-level nonresponse over Rounds 4 and 5 as well as raking to the same population control figures for December 2022 used for the Panel 24 weight for Key, responding persons in scope on December 31, 2022. The same six variables used for Panel 24 raking (education level, Census region, MSA status, race/ethnicity, sex, and age) were also used for Panel 26 raking. Similar to Panel 24, the Panel 26 final weight for Key, responding persons not in scope on December 31, 2022 but in scope earlier in the year was the nonresponse-adjusted person weight without raking.

Note that the 2021 full-year weight that was used as the base weight for Panel 26 was derived using the 2021 MEPS Round 1 weight and reflected adjustment for nonresponse over the remaining data collection rounds in 2021 as well as raking to the December 2021 population control figures.

### **3.3.3 MEPS Panel 27 Weight Development Process**

The person-level weight for Panel 27 was developed using the 2022 Round 1 person-level weight as a “base” weight. The Round 1 weights incorporated the following components: the original household probability of selection for the NHIS and for the NHIS subsample reserved for the MEPS, an adjustment for NHIS nonresponse, the probability of selection for MEPS from the NHIS, an adjustment for nonresponse at the dwelling unit level for Round 1, and raking to control figures at the person level obtained from the March CPS of the corresponding year. For Key, in-scope members who joined an RU after Round 1, the Round 1 DU weight served as a “base” weight.

The weighting process also included an adjustment for nonresponse over the remaining data collection rounds in 2022 as well as raking to the same population control figures for December 2022 that were used for the Panel 24 and Panel 26 weights for Key, responding persons in scope on December 31, 2022. The same six variables used for Panel 24 and Panel 26 raking (education level of the reference person, Census region, MSA status, race/ethnicity, sex, and age) were also used for Panel 27 raking. Similar to Panel 24 and Panel 26, the Panel 27 final weight for Key, responding persons who were not in scope on December 31, 2022 but were in scope earlier in the year was the nonresponse-adjusted person weight without raking.

### **3.3.4 The Final Weight for 2022**

The final raking of those in scope at the end of the year has been described above. In addition, the composite weights of two groups of persons who were out of scope on December 31, 2022 were adjusted for expected undercoverage. Specifically, the weights of those who were out of scope on December 31, 2022, but in scope at some time during the year and were residing in a nursing home at the end of the year were poststratified to an estimate of the number of persons who were residents of Medicare- and Medicaid-certified nursing homes for part of the year (approximately 3-9 months) during 2014. This estimate was developed from data on the Minimum Data Set (MDS) of the Center for Medicare and Medicaid Services (CMS). The weights of persons who died while in scope were poststratified to corresponding estimates derived using data obtained from the Centers for Disease Control and Prevention (CDC), National Center for Health Statistics (NCHS), [Provisional Mortality Statistics, 2018 through Last Week](#) on CDC WONDER Online Database, released in 2023, the latest available data at the time. Separate decedent control totals were developed for the “65 and older” and “under 65” civilian noninstitutionalized populations.

Overall, the weighted population estimate for the civilian noninstitutionalized population for December 31, 2022 is 329,059,733 (PERWT22F >0 and INSC1231=1). The sum of person-level weights across all persons assigned a positive person-level weight is 333,053,243.

### **3.4 Coverage**

The target population associated with MEPS is the 2022 U.S. civilian noninstitutionalized population. However, the MEPS sampled households are a subsample of the NHIS households interviewed in 2018 (Panel 24), 2020 (Panel 26), and 2021 (Panel 27). New households created after the NHIS interviews for the respective panels and consisting exclusively of persons who entered the target population after 2018 (Panel 24), after 2020 (Panel 26), or after 2021 (Panel 27) are not covered by the 2022 MEPS. Nor are previously out of scope persons who joined an existing household but are not related to the current household residents. Persons not covered by a given MEPS panel thus include some members of the following groups: immigrants, persons leaving the military, U.S. citizens returning from residence in another country, and persons leaving institutions. Those not covered represent a small proportion of the MEPS target population.

### **3.5 Using MEPS Data for Trend Analysis**

For analysts using the MEPS data for trend analysis, we note that there are uncertainties associated with 2020, 2021, and possibly 2022 data quality for reasons discussed throughout Section 3. Preliminary evaluations of a set of MEPS estimates of particular importance suggest that they are of reasonable quality. Nevertheless, analysts are advised to exercise caution in interpreting these estimates, particularly in terms of trend analyses, since access to health care was substantially affected by the COVID-19 pandemic, as were related factors such as health insurance and employment status for many persons.

The MEPS began in 1996, and the utility of the survey for analyzing health care trends expands with each additional year of data; however, when examining trends over time using the MEPS, the length of time being analyzed should be considered. In particular, large shifts in survey estimates over short periods of time (e.g. from one year to the next) that are statistically significant should be interpreted with caution unless they are attributable to known factors such as changes in public policy, economic conditions, or the MEPS methodology.

With respect to methodological considerations, changes in data collection methods, such as interviewer training, were introduced in 2013 to obtain more complete information about health care utilization from MEPS respondents; the changes were fully implemented in 2014. This effort likely resulted in improved data quality and a reduction in underreporting starting in the second half of 2013 and continuing throughout 2014 full year files; the changes have also had some impact on analyses involving trends in utilization across years. The changes in the NHIS sample design in 2016 and 2018 could also potentially affect trend analyses. The new NHIS sample design is based on more up-to-date information related to the distribution of housing units across the United States. As a result, it can be expected to better cover the full civilian noninstitutionalized population, the target population for MEPS, as well as many of its subpopulations. Better coverage of the target population helps to reduce the potential for bias in both NHIS and MEPS estimates.

Another change with the potential to affect trend analyses involved major modifications to the MEPS instrument design and data collection process, particularly in the events sections of the

instrument. These were introduced in the spring of 2018 and thus affected data beginning with Round 1 of Panel 23, Round 3 of Panel 22, and Round 5 of Panel 21. Since the full year 2017 MEPS files were established from data collected in Rounds 1-3 of Panel 22 and Rounds 3-5 of Panel 21, they reflected two instrument designs. To mitigate the effect of such differences within the same full-year file, the Panel 22 Round 3 data and the Panel 21 Round 5 data were transformed to make them as consistent as possible with data collected under the previous design. The changes in the instrument were designed to make the data collection effort more efficient and easier to administer. In addition, expectations were that data on some items, such as those related to health care events, would be more complete with the potential of identifying more events. Increases in service use reported since the implementation of these changes are consistent with these expectations. *Analysts should be aware of the possible impacts of these changes on the data and especially on trend analyses that include the year 2018 because of the design transition.*

Process changes, such as data editing and imputation, may also affect trend analyses. For example, users should refer to Section 2.5.11: Utilization, Expenditures, and Sources of Payment Variables in the Consolidated PUF (HC 243) and, for more detail, to the documentation for the prescription drug file (HC 239A) when analyzing prescription drug spending over time. As always, it is recommended that, before conducting trend analyses, analysts should review relevant sections of the documentation for descriptions of these types of changes that might affect the interpretation of changes over time.

To smooth or stabilize trend analyses based on the MEPS data, analysts may also wish to consider using statistical techniques such as comparing pooled time periods (e.g. 1996-1997 versus 2011-2012), working with moving averages, or using modeling techniques with several consecutive years of the data.

Finally, statistical significance tests should be conducted to assess the likelihood that observed trends are not attributable to sampling variation. In addition, researchers should be aware of the impact of multiple comparisons on Type I error. Without making appropriate allowance for multiple comparisons, the use of numerous statistical significance tests of trends will increase the likelihood of concluding that a change has taken place when one has not.

## **4.0 National Health Interview Survey (NHIS)**

Data from this PUF can be used alone or in conjunction with other PUFs for different analytic purposes. Each MEPS panel can also be linked back to the previous years' NHIS public use data files. For information on MEPS/NHIS link files please see the [AHRQ website](#).

## **5.0 Longitudinal Analysis**

Panel-specific longitudinal files can be downloaded from the [data section of the MEPS website](#). For all three panels (Panel 24, Panel 26, and Panel 27), the longitudinal file comprises the MEPS survey data obtained in all rounds of the panel and can be used to analyze changes over the entire length of the panel. Variables on the PUF pertaining to survey administration, demographics,

employment, health status, disability days, quality of care, patient satisfaction, health insurance, and medical care use and expenditures were obtained from the MEPS Consolidated PUF from the years covered by that panel. For more details or to download the data files, please see Longitudinal Data Files at the [AHRQ website](#).

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## D. Variable-Source Crosswalk

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### MEPS HC 241: 2022 MEDICAL CONDITIONS

#### UNIQUE IDENTIFIER VARIABLES

Variable	Label	Source <sup>1</sup>
DUID	PANEL # + ENCRYPTED DU IDENTIFIER	Assigned In Sampling
PID	PERSON NUMBER	Assigned In Sampling
DUPERSID	PERSON ID (DUID + PID)	Assigned In Sampling
CONDN	CONDITION NUMBER	CAPI Derived
CONDIDX	CONDITION ID	CAPI Derived
PANEL	PANEL NUMBER	Constructed
CONDRN	CONDITION ROUND NUMBER	CAPI Derived

#### MEDICAL CONDITION VARIABLES

Variable	Label	Source <sup>1</sup>
AGEDIAG	AGE WHEN DIAGNOSED	PE section
CRND1	HAS CONDITION INFORMATION IN ROUND 1	Constructed
CRND2	HAS CONDITION INFORMATION IN ROUND 2	Constructed
CRND3	HAS CONDITION INFORMATION IN ROUND 3	Constructed
CRND4	HAS CONDITION INFORMATION IN ROUND 4	Constructed
CRND5	HAS CONDITION INFORMATION IN ROUND 5	Constructed
CRND6	HAS CONDITION INFORMATION IN ROUND 6	Constructed
CRND7	HAS CONDITION INFORMATION IN ROUND 7	Constructed

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<sup>1</sup> See the Household Component section under Survey Questionnaires on the MEPS home page for information on the MEPS HC questionnaire sections shown in the Source column (e.g., PE).



Variable	Label	Source <sup>1</sup>
CRND8	HAS CONDITION INFORMATION IN ROUND 8	Constructed
CRND9	HAS CONDITION INFORMATION IN ROUND 9	Constructed
INJURY	WAS CONDITION DUE TO ACCIDENT/INJURY	AH80
ACCDNWRK	DID ACCIDENT OCCUR AT WORK	AH90
ICD10CDX	ICD-10-CM CODE FOR CONDITION - EDITED	HS40, ER30, OP60, MV70, HH80, PM120, PE Section (Edited)
CCSR1X	CLINICAL CLASSIFICATION REFINED CODE 1 EDITED	HS40, ER30, OP60, MV70, HH80, PM120, PE section (Edited)
CCSR2X	CLINICAL CLASSIFICATION REFINED CODE 2 EDITED	HS40, ER30, OP60, MV70, HH80, PM120, PE section (Edited)
CCSR3X	CLINICAL CLASSIFICATION REFINED CODE 3 EDITED	HS40, ER30, OP60, MV70, HH80, PM120, PE section (Edited)
CCSR4X	CLINICAL CLASSIFICATION REFINED CODE 4 EDITED	HS40, ER30, OP60, MV70, HH80, PM120, PE section (Edited)

### UTILIZATION VARIABLES

Variable	Label	Source <sup>1</sup>
HHCOND	ANY HOME HEALTH EVENTS ASSOC. W/ CONDITION?	Constructed
IPCOND	ANY INPATIENT EVENTS ASSOC. W/ CONDITION?	Constructed
OPCOND	ANY OUTPATIENT EVENTS ASSOC. W/ CONDITION?	Constructed
OBCOND	ANY OFFICE-BASED EVENTS ASSOC W/ CONDITION?	Constructed
ERCOND	ANY ER EVENTS ASSOC. W/ CONDITION?	Constructed
RXCOND	ANY PRESCRIBED MEDICINES ASSOC. W/ COND.?	Constructed

## WEIGHTS AND VARIANCE ESTIMATION VARIABLES

Variable	Label	Source <sup>1</sup>
PERWT22F	EXPENDITURE FILE PERSON WEIGHT, 2022	Constructed
VARSTR	VARIANCE ESTIMATION STRATUM, 2022	Constructed
VARPSU	VARIANCE ESTIMATION PSU, 2022	Constructed

# Appendix 1

## ICD10CDX and CCSR Condition Code Frequencies

**Table 1**

**UNWEIGHTED AND WEIGHTED COUNT OF RECORDS FOR EACH VALUE OF ICD10CDX**

ICD10CDX VALUE	ICD10CDX LABEL	UNWEIGHTED	WEIGHTED BY perwt22f
-15	CANNOT BE COMPUTED	7724	105793645.89
A08	VIRAL AND OTHER SPECIFIED INTESTINAL INFECTIONS	111	1763411.82
A49	BACTERIAL INFECTION OF UNSPECIFIED SITE	96	1372210.43
B00	HERPESVIRAL [HERPES SIMPLEX] INFECTIONS	159	1985418.45
B02	ZOSTER [HERPES ZOSTER]	105	1351255.58
B07	VIRAL WARTS	88	1311287.52
B34	VIRAL INFECTION OF UNSPECIFIED SITE	111	1767122.66
B35	DERMATOPHYTOSIS	152	1914471.44
B37	CANDIDIASIS	130	1817606.07
B99	OTHER AND UNSPECIFIED INFECTIOUS DISEASES	42	551101.24
C18	MALIGNANT NEOPLASM OF COLON	61	653379.48
C34	MALIGNANT NEOPLASM OF BRONCHUS AND LUNG	69	700309.77
C43	MALIGNANT MELANOMA OF SKIN	157	2244286.37
C44	OTHER AND UNSPECIFIED MALIGNANT NEOPLASM OF SKIN	481	5860908.20
C50	MALIGNANT NEOPLASM OF BREAST	241	2704320.03
C61	MALIGNANT NEOPLASM OF PROSTATE	193	2197087.29
C73	MALIGNANT NEOPLASM OF THYROID GLAND	56	710952.54
C85	OTH AND UNSPECIFIED TYPES OF NON-HODGKIN LYMPHOMA	45	558597.47
D04	CARCINOMA IN SITU OF SKIN	115	1350239.43
D22	MELANOCYTIC NEVI	100	1339786.50
D48	NEOPLASM OF UNCERTAIN BEHAVIOR OF OTHER AND UNSP SITES	58	788906.88
D49	NEOPLASMS OF UNSPECIFIED BEHAVIOR	136	1603339.66
D50	IRON DEFICIENCY ANEMIA	113	1449114.21
D64	OTHER ANEMIAS	152	1812920.65
E03	OTHER HYPOTHYROIDISM	887	11665200.44
E04	OTHER NONTOXIC GOITER	146	1796736.03
E05	THYROTOXICOSIS [HYPERTHYROIDISM]	163	1859157.61
E06	THYROIDITIS	107	1351517.47
E07	OTHER DISORDERS OF THYROID	376	4612327.16
E11	TYPE 2 DIABETES MELLITUS	2381	27826939.04
E28	OVARIAN DYSFUNCTION	55	1013817.78
E29	TESTICULAR DYSFUNCTION	68	984202.56
E34	OTHER ENDOCRINE DISORDERS	81	1087529.88
E53	DEFICIENCY OF OTHER B GROUP VITAMINS	79	943904.31
E55	VITAMIN D DEFICIENCY	368	4737891.16
E61	DEFICIENCY OF OTHER NUTRIENT ELEMENTS	170	2204621.98
E66	OVERWEIGHT AND OBESITY	178	2361910.34
E78	DISORDERS OF LIPOPROTEIN METABOLISM AND OTHER LIPIDEMIAS	4268	51501123.08

ICD10CDX VALUE	ICD10CDX LABEL	UNWEIGHTED	WEIGHTED BY perwt22f
E86	VOLUME DEPLETION	70	830032.89
E87	OTHER DISORDERS OF FLUID, ELECTROLYTE AND ACID-BASE BALANCE	320	3370534.38
F03	UNSPECIFIED DEMENTIA	94	1099205.57
F10	ALCOHOL RELATED DISORDERS	56	898679.77
F20	SCHIZOPHRENIA	45	533485.24
F31	BIPOLAR DISORDER	251	3372331.66
F32	DEPRESSIVE EPISODE	1817	24988757.30
F34	PERSISTENT MOOD [AFFECTIVE] DISORDERS	51	687862.60
F39	UNSPECIFIED MOOD [AFFECTIVE] DISORDER	57	773121.89
F41	OTHER ANXIETY DISORDERS	2158	30338722.04
F42	OBSESSIVE-COMPULSIVE DISORDER	50	782207.50
F43	REACTION TO SEVERE STRESS, AND ADJUSTMENT DISORDERS	462	6382111.83
F80	SPECIFIC DEVELOPMENTAL DISORDERS OF SPEECH AND LANGUAGE	47	833380.05
F84	PERVASIVE DEVELOPMENTAL DISORDERS	106	1831935.15
F90	ATTENTION-DEFICIT HYPERACTIVITY DISORDERS	716	11735380.68
F99	MENTAL DISORDER, NOT OTHERWISE SPECIFIED	271	3900639.47
G20	PARKINSON'S DISEASE	56	766028.81
G25	OTHER EXTRAPYRAMIDAL AND MOVEMENT DISORDERS	139	1495763.13
G35	MULTIPLE SCLEROSIS	53	679112.33
G40	EPILEPSY AND RECURRENT SEIZURES	114	1415951.01
G43	MIGRAINE	496	6910297.07
G45	TRANSIENT CEREBRAL ISCHEMIC ATTACKS AND RELATED SYNDROMES	335	3820830.60
G47	SLEEP DISORDERS	1363	16950504.47
G56	MONONEUROPATHIES OF UPPER LIMB	125	1595935.26
G57	MONONEUROPATHIES OF LOWER LIMB	117	1618917.02
G58	OTHER MONONEUROPATHIES	54	577810.94
G62	OTHER AND UNSPECIFIED POLYNEUROPATHIES	242	2547365.25
G89	PAIN, NOT ELSEWHERE CLASSIFIED	355	4087899.49
H00	HORDEOLUM AND CHALAZION	48	736904.56
H02	OTHER DISORDERS OF EYELID	50	726298.47
H04	DISORDERS OF LACRIMAL SYSTEM	256	3094342.14
H10	CONJUNCTIVITIS	110	1657782.17
H26	OTHER CATARACT	681	7547266.93
H33	RETINAL DETACHMENTS AND BREAKS	73	928592.42
H35	OTHER RETINAL DISORDERS	271	2900387.67
H40	GLAUCOMA	474	5138683.91
H43	DISORDERS OF VITREOUS BODY	63	741332.97
H44	DISORDERS OF GLOBE	92	1181738.85
H52	DISORDERS OF REFRACTION AND ACCOMMODATION	449	7388767.78
H53	VISUAL DISTURBANCES	141	1709633.38
H54	BLINDNESS AND LOW VISION	145	1866183.01
H57	OTHER DISORDERS OF EYE AND ADNEXA	212	2455512.83
H61	OTHER DISORDERS OF EXTERNAL EAR	154	1974082.03
H66	SUPPURATIVE AND UNSPECIFIED OTITIS MEDIA	499	8588109.24
H91	OTHER AND UNSPECIFIED HEARING LOSS	324	3755026.67
H92	OTALGIA AND EFFUSION OF EAR	85	1253498.15

ICD10CDX VALUE	ICD10CDX LABEL	UNWEIGHTED	WEIGHTED BY perwt22f
H93	OTHER DISORDERS OF EAR, NOT ELSEWHERE CLASSIFIED	101	1245258.09
I10	ESSENTIAL (PRIMARY) HYPERTENSION	5391	65185339.80
I20	ANGINA PECTORIS	119	1379253.08
I21	ACUTE MYOCARDIAL INFARCTION	416	4869082.73
I25	CHRONIC ISCHEMIC HEART DISEASE	673	7388387.60
I26	PULMONARY EMBOLISM	44	542251.34
I38	ENDOCARDITIS, VALVE UNSPECIFIED	112	1311141.40
I48	ATRIAL FIBRILLATION AND FLUTTER	400	4734196.10
I49	OTHER CARDIAC ARRHYTHMIAS	290	3411268.93
I50	HEART FAILURE	173	1852377.42
I51	COMPLICATIONS AND ILL-DEFINED DESCRIPTIONS OF HEART DISEASE	208	2369344.77
I63	CEREBRAL INFARCTION	57	650954.32
I74	ARTERIAL EMBOLISM AND THROMBOSIS	286	3387794.60
I83	VARICOSE VEINS OF LOWER EXTREMITIES	45	508184.00
I95	HYPOTENSION	58	786108.70
I99	OTHER AND UNSPECIFIED DISORDERS OF CIRCULATORY SYSTEM	54	561754.22
J00	ACUTE NASOPHARYNGITIS [COMMON COLD]	287	4167577.67
J02	ACUTE PHARYNGITIS	506	8412693.35
J06	ACUTE UPPER RESP INFECTIONS OF MULTIPLE AND UNSP SITES	104	1616951.32
J11	INFLUENZA DUE TO UNIDENTIFIED INFLUENZA VIRUS	332	5324113.41
J18	PNEUMONIA, UNSPECIFIED ORGANISM	270	3484876.50
J20	ACUTE BRONCHITIS	70	1100696.15
J30	VASOMOTOR AND ALLERGIC RHINITIS	1015	13460497.74
J32	CHRONIC SINUSITIS	633	9108529.28
J34	OTHER AND UNSPECIFIED DISORDERS OF NOSE AND NASAL SINUSES	194	2308794.77
J39	OTHER DISEASES OF UPPER RESPIRATORY TRACT	96	1326344.93
J40	BRONCHITIS, NOT SPECIFIED AS ACUTE OR CHRONIC	172	2368971.76
J42	UNSPECIFIED CHRONIC BRONCHITIS	132	1385102.32
J43	EMPHYSEMA	116	1312441.83
J44	OTHER CHRONIC OBSTRUCTIVE PULMONARY DISEASE	284	3014198.93
J45	ASTHMA	1548	20111409.55
J98	OTHER RESPIRATORY DISORDERS	204	3251796.90
K04	DISEASES OF PULP AND PERIAPICAL TISSUES	130	1690223.56
K08	OTHER DISORDERS OF TEETH AND SUPPORTING STRUCTURES	253	3909689.43
K13	OTHER DISEASES OF LIP AND ORAL MUCOSA	43	562409.41
K21	GASTRO-ESOPHAGEAL REFLUX DISEASE	1439	17773259.56
K22	OTHER DISEASES OF ESOPHAGUS	73	903395.88
K25	GASTRIC ULCER	73	879971.91
K29	GASTRITIS AND DUODENITIS	101	980642.88
K30	FUNCTIONAL DYSPEPSIA	203	2590958.85
K31	OTHER DISEASES OF STOMACH AND DUODENUM	129	1505460.73
K44	DIAPHRAGMATIC HERNIA	58	695972.79
K46	UNSPECIFIED ABDOMINAL HERNIA	140	1636864.90
K50	CROHN'S DISEASE [REGIONAL ENTERITIS]	47	710465.55
K52	OTHER AND UNSP NONINFECTIVE GASTROENTERITIS AND COLITIS	66	759669.62
K57	DIVERTICULAR DISEASE OF INTESTINE	103	1279503.92

ICD10CDX VALUE	ICD10CDX LABEL	UNWEIGHTED	WEIGHTED BY perwt22f
K58	IRRITABLE BOWEL SYNDROME	102	1251427.58
K59	OTHER FUNCTIONAL INTESTINAL DISORDERS	260	3212977.70
K63	OTHER DISEASES OF INTESTINE	227	2727929.94
K64	HEMORRHOIDS AND PERIANAL VENOUS THROMBOSIS	103	1490980.58
K76	OTHER DISEASES OF LIVER	117	1499216.04
K80	CHOLELITHIASIS	51	762964.51
K82	OTHER DISEASES OF GALLBLADDER	73	934799.86
K85	ACUTE PANCREATITIS	44	433318.22
K92	OTHER DISEASES OF DIGESTIVE SYSTEM	121	1559122.27
L02	CUTANEOUS ABSCESS, FURUNCLE AND CARBUNCLE	63	707748.50
L03	CELLULITIS AND ACUTE LYMPHANGITIS	66	755514.72
L08	OTHER LOCAL INFECTIONS OF SKIN AND SUBCUTANEOUS TISSUE	192	2825861.56
L23	ALLERGIC CONTACT DERMATITIS	102	1327973.84
L29	PRURITUS	70	968146.51
L30	OTHER AND UNSPECIFIED DERMATITIS	254	4163989.36
L40	PSORIASIS	119	1737228.40
L60	NAIL DISORDERS	205	2420533.53
L65	OTHER NONSCARRING HAIR LOSS	73	1091734.42
L70	ACNE	221	3705255.21
L71	ROSACEA	103	1289139.36
L72	FOLLICULAR CYSTS OF SKIN AND SUBCUTANEOUS TISSUE	109	1692477.68
L84	CORNS AND CALLOSITIES	79	849454.18
L91	HYPERTROPHIC DISORDERS OF SKIN	66	817990.28
L98	OTH DISORDERS OF SKIN, SUBCU, NOT ELSEWHERE CLASSIFIED	422	5523251.87
M06	OTHER RHEUMATOID ARTHRITIS	428	5044485.15
M10	GOUT	313	4101014.63
M17	OSTEOARTHRITIS OF KNEE	166	1918234.75
M19	OTHER AND UNSPECIFIED OSTEOARTHRITIS	1559	18067504.01
M21	OTHER ACQUIRED DEFORMITIES OF LIMBS	69	763630.53
M25	OTHER JOINT DISORDER, NOT ELSEWHERE CLASSIFIED	1945	24264495.31
M32	SYSTEMIC LUPUS ERYTHEMATOSUS (SLE)	50	558348.57
M35	OTHER SYSTEMIC INVOLVEMENT OF CONNECTIVE TISSUE	62	820571.00
M41	SCOLIOSIS	99	1206440.22
M43	OTHER DEFORMING DORSOPATHIES	54	611629.33
M48	OTHER SPONDYLOPATHIES	126	1505845.94
M50	CERVICAL DISC DISORDERS	62	842680.24
M51	THORACIC, THORACOLUM, AND LUMBOSACRAL INTVRT DISC DISORDERS	288	3371026.89
M53	OTHER AND UNSPECIFIED DORSOPATHIES, NOT ELSEWHERE CLASSIFIED	190	2122303.48
M54	DORSALGIA	1766	22787722.22
M62	OTHER DISORDERS OF MUSCLE	262	3278708.74
M65	SYNOVITIS AND TENOSYNOVITIS	70	971180.31
M71	OTHER BURSOPATHIES	59	641570.68
M72	FIBROBLASTIC DISORDERS	96	1463235.56
M75	SHOULDER LESIONS	177	2176554.27
M77	OTHER ENTHESOPATHIES	138	1747853.66
M79	OTH AND UNSP SOFT TISSUE DISORDERS, NOT ELSEWHERE CLASSIFIED	1102	12816097.92

ICD10CDX VALUE	ICD10CDX LABEL	UNWEIGHTED	WEIGHTED BY perwt22f
M81	OSTEOPOROSIS WITHOUT CURRENT PATHOLOGICAL FRACTURE	195	2187897.41
M85	OTHER DISORDERS OF BONE DENSITY AND STRUCTURE	256	2820342.69
M89	OTHER DISORDERS OF BONE	58	557146.32
N15	OTHER RENAL TUBULO-INTERSTITIAL DISEASES	53	640855.49
N18	CHRONIC KIDNEY DISEASE (CKD)	47	553723.57
N19	UNSPECIFIED KIDNEY FAILURE	86	926607.11
N20	CALCULUS OF KIDNEY AND URETER	221	2875300.38
N28	OTH DISORDERS OF KIDNEY AND URETER, NOT ELSEWHERE CLASSIFIED	257	2981008.46
N30	CYSTITIS	94	1095558.89
N32	OTHER DISORDERS OF BLADDER	160	2012213.10
N39	OTHER DISORDERS OF URINARY SYSTEM	742	9325999.80
N40	BENIGN PROSTATIC HYPERPLASIA	335	4192879.56
N42	OTHER AND UNSPECIFIED DISORDERS OF PROSTATE	111	1201825.69
N52	MALE ERECTILE DYSFUNCTION	100	1217755.84
N63	UNSPECIFIED LUMP IN BREAST	67	900235.00
N64	OTHER DISORDERS OF BREAST	51	676558.94
N76	OTHER INFLAMMATION OF VAGINA AND VULVA	61	846586.70
N81	FEMALE GENITAL PROLAPSE	55	703473.02
N83	NONINFLAMMATORY DISORD OF OVARY, FALLOP AND BROAD LIGAMENT	58	977752.29
N89	OTHER NONINFLAMMATORY DISORDERS OF VAGINA	51	628847.15
N92	EXCESSIVE, FREQUENT AND IRREGULAR MENSTRUATION	68	1162753.39
N94	PAIN AND OTH COND ASSOC W FEM GNTL ORG AND MENSTRUAL CYCLE	51	1026815.31
N95	MENOPAUSAL AND OTHER PERIMENOPAUSAL DISORDERS	173	2262108.90
R00	ABNORMALITIES OF HEART BEAT	258	3152704.16
R01	CARDIAC MURMURS AND OTHER CARDIAC SOUNDS	90	999955.33
R03	ABNORMAL BLOOD-PRESSURE READING, WITHOUT DIAGNOSIS	68	767843.63
R05	COUGH	350	5148538.49
R06	ABNORMALITIES OF BREATHING	279	3454249.05
R07	PAIN IN THROAT AND CHEST	169	1961343.05
R09	OTH SYMPTOMS AND SIGNS INVOLVING THE CIRC AND RESP SYS	140	1708608.03
R10	ABDOMINAL AND PELVIC PAIN	318	4280221.35
R11	NAUSEA AND VOMITING	317	4117888.82
R12	HEARTBURN	176	2085299.35
R19	OTH SYMPTOMS AND SIGNS INVOLVING THE DGSTV SYS AND ABDOMEN	132	1431754.54
R20	DISTURBANCES OF SKIN SENSATION	70	823251.29
R21	RASH AND OTHER NONSPECIFIC SKIN ERUPTION	290	4086858.96
R22	LOCALIZED SWELLING, MASS AND LUMP OF SKIN, SUBCU	105	1250557.29
R25	ABNORMAL INVOLUNTARY MOVEMENTS	154	1659306.68
R26	ABNORMALITIES OF GAIT AND MOBILITY	91	974507.02
R32	UNSPECIFIED URINARY INCONTINENCE	203	2319346.11
R33	RETENTION OF URINE	45	688525.45
R35	POLYURIA	49	548038.15
R39	OTH AND UNSP SYMPTOMS AND SIGNS INVOLVING THE GU SYS	45	472046.64
R41	OTH SYMPTOMS AND SIGNS W COGNITIVE FUNCTIONS AND AWARENESS	135	1592375.10
R42	DIZZINESS AND GIDDINESS	298	3620887.01
R47	SPEECH DISTURBANCES, NOT ELSEWHERE CLASSIFIED	45	784919.92

ICD10CDX VALUE	ICD10CDX LABEL	UNWEIGHTED	WEIGHTED BY perwt22f
R50	FEVER OF OTHER AND UNKNOWN ORIGIN	136	2200508.14
R51	HEADACHE	166	2346561.84
R52	PAIN, UNSPECIFIED	180	1761405.09
R53	MALAISE AND FATIGUE	149	1738094.65
R54	AGE-RELATED PHYSICAL DEBILITY	92	1031213.00
R55	SYNCOPE AND COLLAPSE	50	489353.63
R56	CONVULSIONS, NOT ELSEWHERE CLASSIFIED	117	1303620.19
R60	EDEMA, NOT ELSEWHERE CLASSIFIED	414	4500458.94
R63	SYMPTOMS AND SIGNS CONCERNING FOOD AND FLUID INTAKE	101	1362224.60
R73	ELEVATED BLOOD GLUCOSE LEVEL	264	3565734.09
R79	OTHER ABNORMAL FINDINGS OF BLOOD CHEMISTRY	53	601083.35
R87	ABNORMAL FINDINGS IN SPECIMENS FROM FEMALE GENITAL ORGANS	41	595009.65
R91	ABNORMAL FINDINGS ON DIAGNOSTIC IMAGING OF LUNG	70	802337.04
S01	OPEN WOUND OF HEAD	40	707435.39
S06	INTRACRANIAL INJURY	82	1304996.54
S09	OTHER AND UNSPECIFIED INJURIES OF HEAD	58	825680.29
S29	OTHER AND UNSPECIFIED INJURIES OF THORAX	45	825749.74
S32	FRACTURE OF LUMBAR SPINE AND PELVIS	53	612829.75
S39	OTH & UNSP INJURIES OF ABD, LOW BACK, PELV & EXTRN GENITALS	183	2562181.55
S42	FRACTURE OF SHOULDER AND UPPER ARM	79	1083370.82
S46	INJURY OF MUSCLE, FASCIA AND TENDON AT SHLDR/UP ARM	50	705448.50
S49	OTHER AND UNSPECIFIED INJURIES OF SHOULDER AND UPPER ARM	108	1483020.73
S61	OPEN WOUND OF WRIST, HAND AND FINGERS	63	770891.55
S62	FRACTURE AT WRIST AND HAND LEVEL	126	1676946.27
S69	OTHER AND UNSPECIFIED INJURIES OF WRIST, HAND AND FINGER(S)	97	1462465.21
S82	FRACTURE OF LOWER LEG, INCLUDING ANKLE	112	1557091.86
S83	DISLOCATION AND SPRAIN OF JOINTS AND LIGAMENTS OF KNEE	97	1471023.03
S89	OTHER AND UNSPECIFIED INJURIES OF LOWER LEG	161	2138776.37
S92	FRACTURE OF FOOT AND TOE, EXCEPT ANKLE	106	1517617.08
S93	DISLOC & SPRAIN OF JOINTS & LIGAMENTS AT ANKL, FT & TOE LEV	105	1608952.20
S99	OTHER AND UNSPECIFIED INJURIES OF ANKLE AND FOOT	109	1493330.50
T14	INJURY OF UNSPECIFIED BODY REGION	369	5025118.09
T63	TOXIC EFFECT OF CONTACT WITH VENOMOUS ANIMALS AND PLANTS	96	1224709.03
T78	ADVERSE EFFECTS, NOT ELSEWHERE CLASSIFIED	406	5011678.09
T88	OTH COMPLICATIONS OF SURGICAL AND MEDICAL CARE, NEC	54	695709.37
U07	EMERGENCY USE OF U07	1880	28662912.31
Z00	ENCNTR FOR GENERAL EXAM W/O COMPLAINT, SUSP OR REPRTD DX	406	6586426.70
Z01	ENCNTR FOR OTH SP EXAM W/O COMPLAINT, SUSPECTED OR REPRTD DX	287	3745856.70
Z04	ENCOUNTER FOR EXAMINATION AND OBSERVATION FOR OTHER REASONS	65	785370.04
Z09	ENCNTR FOR F/U EXAM AFT TRTMT FOR COND OTH THAN MALIG NEOPLM	54	781194.30
Z12	ENCOUNTER FOR SCREENING FOR MALIGNANT NEOPLASMS	384	5083919.21
Z13	ENCOUNTER FOR SCREENING FOR OTHER DISEASES AND DISORDERS	248	2761657.68
Z20	CONTACT W AND (SUSPECTED) EXPOSURE TO COMMUNICABLE DISEASES	822	12299159.08
Z21	ASYMPTOMATIC HUMAN IMMUNODEFICIENCY VIRUS INFECTION STATUS	49	516020.70
Z23	ENCOUNTER FOR IMMUNIZATION	1253	17135676.34
Z29	ENCOUNTER FOR OTHER PROPHYLACTIC MEASURES	117	1387541.97



ICD10CDX VALUE	ICD10CDX LABEL	UNWEIGHTED	WEIGHTED BY perwt22f
Z30	ENCOUNTER FOR CONTRACEPTIVE MANAGEMENT	379	6951982.17
Z34	ENCOUNTER FOR SUPERVISION OF NORMAL PREGNANCY	269	4603340.42
Z38	LIVEBORN INFANTS ACCORDING TO PLACE OF BIRTH AND TYPE OF DEL	128	2419281.00
Z48	ENCOUNTER FOR OTHER POSTPROCEDURAL AFTERCARE	58	687780.93
Z51	ENCOUNTER FOR OTHER AFTERCARE AND MEDICAL CARE	52	506026.21
Z63	OTH PROB REL TO PRIM SUPPORT GROUP, INC FAMILY CIRCUMSTANCES	80	1140253.20
Z71	PERSONS ENCNR HEALTH SERV FOR OTH CNSL AND MED ADVICE, NEC	231	3122806.78
Z76	PERSONS ENCOUNTERING HEALTH SERVICES IN OTHER CIRCUMSTANCES	276	3483822.49
Z79	LONG TERM (CURRENT) DRUG THERAPY	343	4098688.92
Z91	PERSONAL RISK FACTORS, NOT ELSEWHERE CLASSIFIED	85	1485195.28
Z95	PRESENCE OF CARDIAC AND VASCULAR IMPLANTS AND GRAFTS	43	494284.43
Z96	PRESENCE OF OTHER FUNCTIONAL IMPLANTS	237	2835089.49
Z97	PRESENCE OF OTHER DEVICES	78	983375.91
		83173	1078987415.99

**Table 2**

**UNWEIGHTED AND WEIGHTED COUNT OF RECORDS FOR EACH VALUE OF CCSR COMBINATION**

CCSR1X VALUE	CCSR1X LABEL	CCSR2X VALUE	CCSR2X LABEL	CCSR3X VALUE	CCSR3X LABEL	CCSR4X VALUE	CCSR4X LABEL	UNWEIGHTED	WEIGHTED BY perwt22f
-15	CANNOT BE COMPUTED	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	425	5430056.73
BLD000	DISEASES OF BLOOD AND DISORDERS INVOLVING IMMUNE MECHANIS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	153	1781901.80
BLD000	DISEASES OF BLOOD AND DISORDERS INVOLVING IMMUNE MECHANIS	NEO000	NEOPLASMS	-1	INAPPLICABLE	-1	INAPPLICABLE	3	26332.02
BLD001	NUTRITIONAL ANEMIA	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	113	1449114.21
BLD003	APLASTIC ANEMIA	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	152	1812920.65
CIR000	DISEASES OF THE CIRCULATORY SYSTEM	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	301	4050436.90
CIR000	DISEASES OF THE CIRCULATORY SYSTEM	FAC000	FACTORS INFLUENCING HEALTH STATUS & CONTACT W/ HEALTH SER	-1	INAPPLICABLE	-1	INAPPLICABLE	14	188777.33
CIR000	DISEASES OF THE CIRCULATORY SYSTEM	MUS000	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TIS	-1	INAPPLICABLE	-1	INAPPLICABLE	2	27802.95
CIR000	DISEASES OF THE CIRCULATORY SYSTEM	PRG000	PREGNANCY, CHILDBIRTH AND THE PUERPERIUM	-1	INAPPLICABLE	-1	INAPPLICABLE	1	.00
CIR003	NONRHEUMATIC AND UNSPECIFIED VALVE DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	44	664939.92
CIR004	ENDOCARDITIS AND ENDOCARDIAL DISEASE	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	112	1311141.40
CIR007	ESSENTIAL HYPERTENSION	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	5391	65185339.80
CIR009	ACUTE MYOCARDIAL INFARCTION	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	416	4869082.73
CIR011	CORONARY ATHEROSCLEROSIS AND OTHER HEART DISEASE	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	792	8767640.68
CIR011	CORONARY ATHEROSCLEROSIS AND OTHER HEART DISEASE	FAC009	IMPLANT, DEVICE OR GRAFT RELATED ENCOUNTER	-1	INAPPLICABLE	-1	INAPPLICABLE	43	494284.43
CIR012	NONSPECIFIC CHEST PAIN	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	169	1961343.05
CIR013	ACUTE PULMONARY EMBOLISM	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	44	542251.34
CIR015	OTHER AND ILL-DEFINED HEART DISEASE	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	208	2369344.77

CCSR1X VALUE	CCSR1X LABEL	CCSR2X VALUE	CCSR2X LABEL	CCSR3X VALUE	CCSR3X LABEL	CCSR4X VALUE	CCSR4X LABEL	UNWEIGHTED	WEIGHTED BY perwt22f
CIR016	CONDUCTION DISORDERS	FAC009	IMPLANT, DEVICE OR GRAFT RELATED ENCOUNTER	-1	INAPPLICABLE	-1	INAPPLICABLE	61	777852.61
CIR017	CARDIAC DYSRHYTHMIAS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	690	8145465.03
CIR019	HEART FAILURE	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	173	1852377.42
CIR020	CEREBRAL INFARCTION	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	57	650954.32
CIR026	PERIPHERAL AND VISCERAL VASCULAR DISEASE	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	52	615174.52
CIR030	AORTIC AND PERIPHERAL ARTERIAL EMBOLISM OR THROMBOSIS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	286	3387794.60
CIR031	HYPOTENSION	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	58	786108.70
CIR032	OTHER SPECIFIED AND UNSPECIFIED CIRCULATORY DISEASE	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	54	561754.22
CIR035	VARICOSE VEINS OF LOWER EXTREMITY	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	45	508184.00
CIR039	OTHER SPECIFIED DISEASES OF VEINS AND LYMPHATICS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	74	836059.18
DEN000	DENTAL DISEASES	DIG000	DISEASES OF THE DIGESTIVE SYSTEM	-1	INAPPLICABLE	-1	INAPPLICABLE	25	321775.50
DEN000	DENTAL DISEASES	DIG000	DISEASES OF THE DIGESTIVE SYSTEM	INF000	CERTAIN INFECTIOUS AND PARASITIC DISEASES	-1	INAPPLICABLE	49	626776.12
DEN000	DENTAL DISEASES	DIG000	DISEASES OF THE DIGESTIVE SYSTEM	MUS000	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TIS	-1	INAPPLICABLE	1	9078.57
DEN000	DENTAL DISEASES	FAC000	FACTORS INFLUENCING HEALTH STATUS & CONTACT W/ HEALTH SER	-1	INAPPLICABLE	-1	INAPPLICABLE	22	333903.46
DEN000	DENTAL DISEASES	INJ000	INJURY, POISONING & CERTAIN OTH CONSEQUENCES OF EXTNL CAU	-1	INAPPLICABLE	-1	INAPPLICABLE	38	456715.41
DEN000	DENTAL DISEASES	MUS000	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TIS	-1	INAPPLICABLE	-1	INAPPLICABLE	36	486716.27
DEN001	ANY DENTAL CONDITION INCLUDING TRAUMATIC INJURY	DEN002	NONTRAUMATIC DENTAL CONDITIONS	DEN003	CARIES, PERIODONTITIS, AND OTHER PREVENTABLE DENTAL CONDS	DIG002	DISORDERS OF TEETH AND GINGIVA	346	5342765.19
DEN001	ANY DENTAL CONDITION INCLUDING TRAUMATIC INJURY	DEN002	NONTRAUMATIC DENTAL CONDITIONS	DEN003	CARIES, PERIODONTITIS, AND OTHER PREVENTABLE DENTAL CONDS	FAC014	MEDICAL EXAMINATION/EVALUATION	80	886955.95

CCSR1X VALUE	CCSR1X LABEL	CCSR2X VALUE	CCSR2X LABEL	CCSR3X VALUE	CCSR3X LABEL	CCSR4X VALUE	CCSR4X LABEL	UNWEIGHTED	WEIGHTED BY perwt22f
DEN001	ANY DENTAL CONDITION INCLUDING TRAUMATIC INJURY	DEN002	NONTRAUMATIC DENTAL CONDITIONS	DIG002	DISORDERS OF TEETH AND GINGIVA	-1	INAPPLICABLE	203	3062895.60
DEN001	ANY DENTAL CONDITION INCLUDING TRAUMATIC INJURY	DEN002	NONTRAUMATIC DENTAL CONDITIONS	DIG003	DISEASES OF MOUTH; EXCLUDING DENTAL	-1	INAPPLICABLE	43	562409.41
DEN001	ANY DENTAL CONDITION INCLUDING TRAUMATIC INJURY	INJ048	OPEN WOUNDS OF HEAD AND NECK, SUBSEQUENT ENCOUNTER	-1	INAPPLICABLE	-1	INAPPLICABLE	40	707435.39
DIG000	DISEASES OF THE DIGESTIVE SYSTEM	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	329	4755849.72
DIG000	DISEASES OF THE DIGESTIVE SYSTEM	INF000	CERTAIN INFECTIOUS AND PARASITIC DISEASES	-1	INAPPLICABLE	-1	INAPPLICABLE	64	793733.09
DIG000	DISEASES OF THE DIGESTIVE SYSTEM	INJ000	INJURY, POISONING & CERTAIN OTH CONSEQUENCES OF EXTNL CAU	-1	INAPPLICABLE	-1	INAPPLICABLE	1	25876.28
DIG000	DISEASES OF THE DIGESTIVE SYSTEM	MUS000	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TIS	-1	INAPPLICABLE	-1	INAPPLICABLE	1	23805.64
DIG001	INTESTINAL INFECTION	INF008	VIRAL INFECTION	-1	INAPPLICABLE	-1	INAPPLICABLE	111	1763411.82
DIG004	ESOPHAGEAL DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	1512	18676655.44
DIG005	GASTRODUODENAL ULCER	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	73	879971.91
DIG007	GASTRITIS AND DUODENITIS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	101	980642.88
DIG008	OTH SPECIFIED & UNSPECIFIED DISORDERS OF STOMACH & DUODEN	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	332	4096419.58
DIG010	ABDOMINAL HERNIA	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	198	2332837.69
DIG011	REGIONAL ENTERITIS AND ULCERATIVE COLITIS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	47	710465.55
DIG013	DIVERTICULOSIS AND DIVERTICULITIS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	103	1279503.92
DIG014	HEMORRHOIDS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	103	1490980.58
DIG017	BILIARY TRACT DISEASE	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	124	1697764.37
DIG019	OTHER SPECIFIED AND UNSPECIFIED LIVER DISEASE	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	117	1499216.04
DIG020	PANCREATIC DISORDERS (EXCLUDING DIABETES)	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	44	433318.22
DIG021	GASTROINTESTINAL HEMORRHAGE	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	62	666103.48
DIG022	NONINFECTIOUS GASTROENTERITIS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	66	759669.62

CCSR1X VALUE	CCSR1X LABEL	CCSR2X VALUE	CCSR2X LABEL	CCSR3X VALUE	CCSR3X LABEL	CCSR4X VALUE	CCSR4X LABEL	UNWEIGHTED	WEIGHTED BY perwt22f
DIG025	OTHER SPECIFIED AND UNSPECIFIED GASTROINTESTINAL DISORDER	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	562	7015893.81
EAR000	DISEASES OF THE EAR AND MASTOID PROCESS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	83	1274261.70
EAR001	OTITIS MEDIA	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	499	8588109.24
EAR004	HEARING LOSS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	324	3755026.67
EAR006	OTHER SPECIFIED AND UNSPECIFIED DISORDERS OF THE EAR	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	340	4472838.27
END000	ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	102	1369021.28
END000	ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES	EYE000	DISEASES OF THE EYE AND ADNEXA	-1	INAPPLICABLE	-1	INAPPLICABLE	23	273482.29
END000	ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES	GEN000	DISEASES OF THE GENITOURINARY SYSTEM	-1	INAPPLICABLE	-1	INAPPLICABLE	20	289064.24
END000	ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES	SKN000	DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE	-1	INAPPLICABLE	-1	INAPPLICABLE	8	97130.69
END001	THYROID DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	1679	21284938.71
END002	DIABETES MELLITUS WITHOUT COMPLICATION	END005	DIABETES MELLITUS, TYPE 2	-1	INAPPLICABLE	-1	INAPPLICABLE	2334	27311599.46
END003	DIABETES MELLITUS WITH COMPLICATION	END005	DIABETES MELLITUS, TYPE 2	NVS020	OTH NERV SYS DISORDERS (NEITHER HEREDITARY OR DEGENERATIV	-1	INAPPLICABLE	47	515339.58
END007	NUTRITIONAL DEFICIENCIES	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	688	8831511.55
END009	OBESITY	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	118	1614327.01
END010	DISORDERS OF LIPID METABOLISM	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	4268	51501123.08
END011	FLUID AND ELECTROLYTE DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	390	4200567.27
END015	OTHER SPECIFIED AND UNSPECIFIED ENDOCRINE DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	260	3869777.45
END016	OTH SPECIFIED & UNSPEC NUTRITIONAL AND METABOLIC DISORDER	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	166	2198345.54
EXT000	EXTERNAL CAUSES OF MORBIDITY	INJ000	INJURY, POISONING & CERTAIN OTH CONSEQUENCES OF EXTNL CAU	-1	INAPPLICABLE	-1	INAPPLICABLE	3	29741.24

CCSR1X VALUE	CCSR1X LABEL	CCSR2X VALUE	CCSR2X LABEL	CCSR3X VALUE	CCSR3X LABEL	CCSR4X VALUE	CCSR4X LABEL	UNWEIGHTED	WEIGHTED BY perwt22f
EXT000	EXTERNAL CAUSES OF MORBIDITY	INJ000	INJURY, POISONING & CERTAIN OTH CONSEQUENCES OF EXTNL CAU	MBD000	MENTAL, BEHAVIORAL AND NEURODEVELOPMENTAL DISORDERS	-1	INAPPLICABLE	12	168315.72
EYE000	DISEASES OF THE EYE AND ADNEXA	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	143	1997989.04
EYE000	DISEASES OF THE EYE AND ADNEXA	INF000	CERTAIN INFECTIOUS AND PARASITIC DISEASES	-1	INAPPLICABLE	-1	INAPPLICABLE	2	23314.50
EYE001	CORNEA AND EXTERNAL DISEASE	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	200	2905054.94
EYE002	CATARACT AND OTHER LENS DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	681	7547266.93
EYE003	GLAUCOMA	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	474	5138683.91
EYE004	UVEITIS AND OCULAR INFLAMMATION	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	92	1181738.85
EYE005	RETINAL AND VITREOUS CONDITIONS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	407	4570313.06
EYE008	OCULOFACIAL PLASTICS AND ORBITAL CONDITIONS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	306	3820640.61
EYE009	REFRACTIVE ERROR	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	449	7388767.78
EYE010	BLINDNESS AND VISION DEFECTS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	286	3575816.38
EYE012	OTHER SPECIFIED EYE DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	212	2455512.83
FAC000	FACTORS INFLUENCING HEALTH STATUS & CONTACT W/ HEALTH SER	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	300	4671193.30
FAC003	ENCTR FOR OBS, EXAM COND R/O, EXCL INFECT DIS, NPL, MENT	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	313	3547027.72
FAC005	ENCOUNTER FOR PROPHYLACTIC MEASURES (EXCLUDES IMMUNIZATIO	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	117	1387541.97
FAC008	NEOPLASM-RELATED ENCOUNTERS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	384	5083919.21
FAC009	IMPLANT, DEVICE OR GRAFT RELATED ENCOUNTER	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	407	4950809.95
FAC010	OTHER AFTERCARE ENCOUNTER	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	164	1975001.44
FAC012	OTHER SPECIFIED ENCOUNTERS AND COUNSELING	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	507	6606629.28
FAC013	CONTRACEPTIVE AND PROCREATIVE MANAGEMENT	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	379	6951982.17

CCSR1X VALUE	CCSR1X LABEL	CCSR2X VALUE	CCSR2X LABEL	CCSR3X VALUE	CCSR3X LABEL	CCSR4X VALUE	CCSR4X LABEL	UNWEIGHTED	WEIGHTED BY perwt22f
FAC014	MEDICAL EXAMINATION/EVALUATION	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	613	9445327.44
FAC016	EXPOSURE, ENCTR, SCREENING OR CONTACT W/ INFECTIOUS DISEA	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	2075	29434835.42
FAC019	SOCIOECONOMIC/PSYCHOSOCIAL FACTORS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	80	1140253.20
FAC020	LIFESTYLE/LIFE MANAGEMENT FACTORS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	40	490302.35
FAC022	ACQUIRED ABSENCE OF LIMB OR ORGAN	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	67	820731.14
FAC025	OTHER SPECIFIED STATUS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	428	5583884.20
GEN000	DISEASES OF THE GENITOURINARY SYSTEM	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	247	3402239.16
GEN000	DISEASES OF THE GENITOURINARY SYSTEM	INF000	CERTAIN INFECTIOUS AND PARASITIC DISEASES	-1	INAPPLICABLE	-1	INAPPLICABLE	3	66071.04
GEN001	NEPHRITIS; NEPHROSIS; RENAL SCLEROSIS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	53	640855.49
GEN002	ACUTE AND UNSPECIFIED RENAL FAILURE	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	86	926607.11
GEN003	CHRONIC KIDNEY DISEASE	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	47	553723.57
GEN004	URINARY TRACT INFECTIONS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	756	9614860.68
GEN005	CALCULUS OF URINARY TRACT	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	221	2875300.38
GEN006	OTH SPECIFIED AND UNSPECIFIED DISEASES OF KIDNEY AND URET	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	257	2981008.46
GEN007	OTH SPECIFIED & UNSPECIFIED DISEASES OF BLADDER AND URETH	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	160	2012213.10
GEN008	URINARY INCONTINENCE	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	203	2319346.11
GEN012	HYPERPLASIA OF PROSTATE	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	335	4192879.56
GEN014	ERECTILE DYSFUNCTION	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	100	1217755.84
GEN016	OTHER SPECIFIED MALE GENITAL DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	111	1201825.69
GEN017	NONMALIGNANT BREAST CONDITIONS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	171	2308366.97
GEN018	INFLAMMATORY DISEASES OF FEMALE PELVIC ORGANS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	61	846586.70

CCSR1X VALUE	CCSR1X LABEL	CCSR2X VALUE	CCSR2X LABEL	CCSR3X VALUE	CCSR3X LABEL	CCSR4X VALUE	CCSR4X LABEL	UNWEIGHTED	WEIGHTED BY perwt22f
GEN018	INFLAMMATORY DISEASES OF FEMALE PELVIC ORGANS	GEN025	OTHER SPECIFIED FEMALE GENITAL DISORDERS	INF004	FUNGAL INFECTIONS	-1	INAPPLICABLE	77	1241775.55
GEN020	PROLAPSE OF FEMALE GENITAL ORGANS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	55	703473.02
GEN021	MENSTRUAL DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	119	2189568.71
GEN022	BENIGN OVARIAN CYST	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	58	977752.29
GEN023	MENOPAUSAL DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	173	2262108.90
GEN025	OTHER SPECIFIED FEMALE GENITAL DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	172	2271784.82
INF000	CERTAIN INFECTIOUS AND PARASITIC DISEASES	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	236	2906539.08
INF000	CERTAIN INFECTIOUS AND PARASITIC DISEASES	MUS000	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TIS	-1	INAPPLICABLE	-1	INAPPLICABLE	7	91354.92
INF000	CERTAIN INFECTIOUS AND PARASITIC DISEASES	NVS000	DISEASES OF THE NERVOUS SYSTEM	-1	INAPPLICABLE	-1	INAPPLICABLE	2	19070.37
INF000	CERTAIN INFECTIOUS AND PARASITIC DISEASES	PNL000	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	-1	INAPPLICABLE	-1	INAPPLICABLE	6	142517.23
INF000	CERTAIN INFECTIOUS AND PARASITIC DISEASES	RSP000	DISEASES OF THE RESPIRATORY SYSTEM	-1	INAPPLICABLE	-1	INAPPLICABLE	7	70475.05
INF000	CERTAIN INFECTIOUS AND PARASITIC DISEASES	SKN000	DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE	-1	INAPPLICABLE	-1	INAPPLICABLE	5	59034.48
INF003	BACTERIAL INFECTIONS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	96	1372210.43
INF003	BACTERIAL INFECTIONS	RSP006	OTHER SPECIFIED UPPER RESPIRATORY INFECTIONS	-1	INAPPLICABLE	-1	INAPPLICABLE	318	5516593.35
INF004	FUNGAL INFECTIONS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	289	3621296.62
INF006	HIV INFECTION	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	49	516020.70
INF008	VIRAL INFECTION	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	352	4941696.80
INF008	VIRAL INFECTION	SKN007	OTHER SPECIFIED AND UNSPECIFIED SKIN DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	111	1473387.40
INF009	PARASITIC, OTHER SPECIFIED AND UNSPECIFIED INFECTIONS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	42	551101.24
INF012	CORONAVIRUS DISEASE - 2019 (COVID-19)	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	1880	28662912.31
INJ000	INJURY, POISONING & CERTAIN OTH CONSEQUENCES OF EXTNL CAU	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	341	4372579.71



CCSR1X VALUE	CCSR1X LABEL	CCSR2X VALUE	CCSR2X LABEL	CCSR3X VALUE	CCSR3X LABEL	CCSR4X VALUE	CCSR4X LABEL	UNWEIGHTED	WEIGHTED BY perwt22f
INJ000	INJURY, POISONING & CERTAIN OTH CONSEQUENCES OF EXTNL CAU	MBD000	MENTAL, BEHAVIORAL AND NEURODEVELOPMENTAL DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	4	43263.65
INJ000	INJURY, POISONING & CERTAIN OTH CONSEQUENCES OF EXTNL CAU	MUS000	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TIS	-1	INAPPLICABLE	-1	INAPPLICABLE	1	13863.88
INJ000	INJURY, POISONING & CERTAIN OTH CONSEQUENCES OF EXTNL CAU	NVS000	DISEASES OF THE NERVOUS SYSTEM	-1	INAPPLICABLE	-1	INAPPLICABLE	4	41709.12
INJ000	INJURY, POISONING & CERTAIN OTH CONSEQUENCES OF EXTNL CAU	SKN000	DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE	-1	INAPPLICABLE	-1	INAPPLICABLE	42	628711.21
INJ027	OTHER UNSPECIFIED INJURY	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	77	1113339.44
INJ031	ALLERGIC REACTIONS	RSP007	OTHER SPECIFIED AND UNSPECIFIED UPPER RESPIRATORY DISEASE	-1	INAPPLICABLE	-1	INAPPLICABLE	1015	13460497.74
INJ031	ALLERGIC REACTIONS	SKN005	CONTACT DERMATITIS	-1	INAPPLICABLE	-1	INAPPLICABLE	102	1327973.84
INJ031	ALLERGIC REACTIONS	SKN007	OTHER SPECIFIED AND UNSPECIFIED SKIN DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	254	4163989.36
INJ039	FRACTURE OF THE SPINE AND BACK, SUBSEQUENT ENCOUNTER	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	53	612829.75
INJ041	FRACTURE OF THE UPPER LIMB, SUBSEQUENT ENCOUNTER	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	205	2760317.09
INJ042	FRACTURE OF LOWER LIMB (EXCEPT HIP), SUBSEQUENT ENCOUNTER	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	218	3074708.94
INJ045	TRAUMATIC BRAIN INJURY (TBI); CONCUSSION, SUBSEQUENT ENCT	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	82	1304996.54
INJ049	OPEN WOUNDS TO LIMBS, SUBSEQUENT ENCOUNTER	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	109	1357069.38
INJ054	SUPERFICIAL INJURY; CONTUSION, SUBSEQUENT ENCOUNTER	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	80	1110329.63
INJ060	TOXIC EFFECTS, SUBSEQUENT ENCOUNTER	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	96	1224709.03
INJ061	SPRAINS AND STRAINS, SUBSEQUENT ENCOUNTER	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	568	8704770.50
INJ064	OTHER UNSPECIFIED INJURIES, SUBSEQUENT ENCOUNTER	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	1046	14432133.41

CCSR1X VALUE	CCSR1X LABEL	CCSR2X VALUE	CCSR2X LABEL	CCSR3X VALUE	CCSR3X LABEL	CCSR4X VALUE	CCSR4X LABEL	UNWEIGHTED	WEIGHTED BY perwt22f
INJ067	ALLERGIC REACTIONS, SUBSEQUENT ENCOUNTER	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	406	5011678.09
INJ072	COMPLC OF OTHER SURGICAL/MEDICAL CARE, INJURY, SUBSEQ ENC	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	54	695709.37
MAL000	CONGENITAL MALFORMATIONS, DEFORMATIONS & CHROMOSOMAL ABNO	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	100	1746049.67
MBD000	MENTAL, BEHAVIORAL AND NEURODEVELOPMENTAL DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	349	5226898.65
MBD000	MENTAL, BEHAVIORAL AND NEURODEVELOPMENTAL DISORDERS	PRG000	PREGNANCY, CHILDBIRTH AND THE PUERPERIUM	-1	INAPPLICABLE	-1	INAPPLICABLE	22	374892.59
MBD001	SCHIZOPHRENIA SPECTRUM AND OTHER PSYCHOTIC DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	45	533485.24
MBD002	DEPRESSIVE DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	1817	24988757.30
MBD003	BIPOLAR AND RELATED DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	251	3372331.66
MBD004	OTHER SPECIFIED AND UNSPECIFIED MOOD DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	108	1460984.49
MBD005	ANXIETY AND FEAR-RELATED DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	2158	30338722.04
MBD006	OBSESSIVE-COMPULSIVE AND RELATED DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	50	782207.50
MBD007	TRAUMA- AND STRESSOR-RELATED DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	462	6382111.83
MBD013	MISCELLANEOUS MENTAL AND BEHAVIORAL DISORDERS/CONDITIONS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	271	3900639.47
MBD014	NEURODEVELOPMENTAL DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	869	14400695.88
MBD017	ALCOHOL-RELATED DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	56	898679.77
MUS000	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TIS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	263	3911832.97
MUS000	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TIS	SKN000	DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE	-1	INAPPLICABLE	-1	INAPPLICABLE	34	578425.91
MUS003	RHEUMATOID ARTHRITIS AND RELATED DISEASE	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	428	5044485.15
MUS006	OSTEOARTHRITIS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	1725	19985738.75

CCSR1X VALUE	CCSR1X LABEL	CCSR2X VALUE	CCSR2X LABEL	CCSR3X VALUE	CCSR3X LABEL	CCSR4X VALUE	CCSR4X LABEL	UNWEIGHTED	WEIGHTED BY perwt22f
MUS007	OTHER SPECIFIED JOINT DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	326	3767010.25
MUS009	TENDON AND SYNOVIAL DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	351	4375144.14
MUS010	MUSCULOSKELETAL PAIN, NOT LOW BACK PAIN	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	3061	39079795.59
MUS011	SPONDYLOPATHIES/SPONDYLOARTH ROPATHY (INCLUDING INFECTIVE)	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	866	10507051.55
MUS011	SPONDYLOPATHIES/SPONDYLOARTH ROPATHY (INCLUDING INFECTIVE)	MUS038	LOW BACK PAIN	-1	INAPPLICABLE	-1	INAPPLICABLE	492	5555753.08
MUS013	OSTEOPOROSIS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	195	2187897.41
MUS021	ACQUIRED FOOT DEFORMITIES	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	69	763630.53
MUS022	SCOLIOSIS AND OTHER POSTURAL DORSOPATHIC DEFORMITIES	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	99	1206440.22
MUS024	SYSTEMIC LUPUS ERYTHEMATOSUS AND CONNECTIVE TISSUE DISORD	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	112	1378919.58
MUS025	OTHER SPECIFIED CONNECTIVE TISSUE DISEASE	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	822	9933727.23
MUS026	MUSCLE DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	165	1913265.63
MUS028	OTHER SPECIFIED BONE DISEASE AND MUSCULOSKELETAL DEFORMIT	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	314	3377489.01
MUS033	GOUT	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	313	4101014.63
MUS038	LOW BACK PAIN	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	417	5442282.50
NEO000	NEOPLASMS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	390	4514562.05
NEO015	GASTROINTESTINAL CANCERS - COLORECTAL	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	61	653379.48
NEO022	RESPIRATORY CANCERS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	69	700309.77
NEO025	SKIN CANCERS - MELANOMA	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	157	2244286.37
NEO026	SKIN CANCERS - BASAL CELL CARCINOMA	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	85	1136148.47
NEO027	SKIN CANCERS - SQUAMOUS CELL CARCINOMA	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	65	705919.57
NEO028	SKIN CANCERS - ALL OTHER TYPES	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	446	5369079.58
NEO030	BREAST CANCER - ALL OTHER TYPES	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	241	2704320.03

CCSR1X VALUE	CCSR1X LABEL	CCSR2X VALUE	CCSR2X LABEL	CCSR3X VALUE	CCSR3X LABEL	CCSR4X VALUE	CCSR4X LABEL	UNWEIGHTED	WEIGHTED BY perwt22f
NEO039	MALE REPRODUCTIVE SYSTEM CANCERS - PROSTATE	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	193	2197087.29
NEO050	ENDOCRINE SYSTEM CANCERS - THYROID	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	56	710952.54
NEO058	NON-HODGKIN LYMPHOMA	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	45	558597.47
NEO072	NEOPLASMS OF UNSPECIFIED NATURE OR UNCERTAIN BEHAVIOR	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	194	2392246.54
NEO073	BENIGN NEOPLASMS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	385	4938957.88
NVS000	DISEASES OF THE NERVOUS SYSTEM	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	181	2167684.56
NVS000	DISEASES OF THE NERVOUS SYSTEM	SYM000	SYMPTOMS, SIGNS AND ABNORMAL CLINICAL & LAB FINDINGS, NEC	-1	INAPPLICABLE	-1	INAPPLICABLE	3	59236.85
NVS004	PARKINSON`S DISEASE	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	56	766028.81
NVS005	MULTIPLE SCLEROSIS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	53	679112.33
NVS006	OTHER NERV SYS DISORDERS (OFTEN HEREDITARY OR DEGENERATIV	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	48	650023.96
NVS006	OTHER NERV SYS DISORDERS (OFTEN HEREDITARY OR DEGENERATIV	NVS016	SLEEP WAKE DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	139	1495763.13
NVS009	EPILEPSY; CONVULSIONS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	231	2719571.20
NVS010	HEADACHE; INCLUDING MIGRAINE	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	496	6910297.07
NVS010	HEADACHE; INCLUDING MIGRAINE	SYM010	NERVOUS SYSTEM SIGNS AND SYMPTOMS	-1	INAPPLICABLE	-1	INAPPLICABLE	166	2346561.84
NVS011	NEUROCOGNITIVE DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	136	1562700.43
NVS012	TRANSIENT CEREBRAL ISCHEMIA	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	335	3820830.60
NVS015	POLYNEUROPATHIES	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	242	2547365.25
NVS016	SLEEP WAKE DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	1363	16950504.47
NVS017	NERVE AND NERVE ROOT DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	341	4362418.75
NVS019	NERVOUS SYSTEM PAIN AND PAIN SYNDROMES	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	355	4087899.49
PNL000	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	8	196137.86
PNL001	LIVEBORN	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	128	2419281.00

CCSR1X VALUE	CCSR1X LABEL	CCSR2X VALUE	CCSR2X LABEL	CCSR3X VALUE	CCSR3X LABEL	CCSR4X VALUE	CCSR4X LABEL	UNWEIGHTED	WEIGHTED BY perwt22f
PRG000	PREGNANCY, CHILDBIRTH AND THE PUERPERIUM	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	151	2389038.26
PRG000	PREGNANCY, CHILDBIRTH AND THE PUERPERIUM	SYM000	SYMPTOMS, SIGNS AND ABNORMAL CLINICAL & LAB FINDINGS, NEC	-1	INAPPLICABLE	-1	INAPPLICABLE	2	40713.56
PRG029	UNCOMPLICATED PREGNANCY, DELIVERY OR PUERPERIUM	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	269	4603340.42
RSP000	DISEASES OF THE RESPIRATORY SYSTEM	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	154	2223115.86
RSP001	SINUSITIS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	633	9108529.28
RSP002	PNEUMONIA (EXCEPT THAT CAUSED BY TUBERCULOSIS)	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	270	3484876.50
RSP003	INFLUENZA	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	332	5324113.41
RSP004	ACUTE AND CHRONIC TONSILLITIS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	69	1526052.23
RSP005	ACUTE BRONCHITIS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	242	3469667.91
RSP006	OTHER SPECIFIED UPPER RESPIRATORY INFECTIONS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	579	8680628.99
RSP007	OTHER SPECIFIED AND UNSPECIFIED UPPER RESPIRATORY DISEASE	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	290	3635139.71
RSP008	CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND BRONCHIECTASIS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	532	5711743.08
RSP009	ASTHMA	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	1548	20111409.55
RSP016	OTHER SPECIFIED AND UNSPECIFIED LOWER RESPIRATORY DISEASE	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	204	3251796.90
SKN000	DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	91	1350429.42
SKN001	SKIN AND SUBCUTANEOUS TISSUE INFECTIONS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	321	4289124.78
SKN002	OTHER SPECIFIED INFLAMMATORY CONDITION OF SKIN	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	589	8676477.44
SKN007	OTHER SPECIFIED AND UNSPECIFIED SKIN DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	1138	14751027.99
SYM000	SYMPTOMS, SIGNS AND ABNORMAL CLINICAL & LAB FINDINGS, NEC	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	190	2406374.23
SYM001	SYNCOPE	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	50	489353.63

CCSR1X VALUE	CCSR1X LABEL	CCSR2X VALUE	CCSR2X LABEL	CCSR3X VALUE	CCSR3X LABEL	CCSR4X VALUE	CCSR4X LABEL	UNWEIGHTED	WEIGHTED BY perwt22f
SYM002	FEVER	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	136	2200508.14
SYM004	NAUSEA AND VOMITING	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	317	4117888.82
SYM006	ABDOMINAL PAIN & OTHER DIGESTIVE/ABDOMEN SIGNS AND SYMPTO	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	670	8445009.76
SYM007	MALAISE AND FATIGUE	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	149	1738094.65
SYM010	NERVOUS SYSTEM SIGNS AND SYMPTOMS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	343	4158624.01
SYM011	GENITOURINARY SIGNS AND SYMPTOMS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	219	2515308.25
SYM012	CIRCULATORY SIGNS AND SYMPTOMS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	463	5598606.96
SYM013	RESPIRATORY SIGNS AND SYMPTOMS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	766	10220063.04
SYM014	SKIN/SUBCUTANEOUS SIGNS AND SYMPTOMS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	465	6160667.54
SYM015	GENERAL SENSATION/PERCEPTION SIGNS AND SYMPTOMS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	298	3620887.01
SYM016	OTHER GENERAL SIGNS AND SYMPTOMS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	984	11270520.47
SYM017	ABNORMAL FINDINGS WITHOUT DIAGNOSIS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	553	7056125.99
								83173	1078987415.99