MEPS HC 255:
2024 Medical Conditions

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Agency for Healthcare Research and Quality
Center for Financing, Access and Cost Trends
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Rockville, MD 20857

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A. Data Use Agreement

Individual identifiers have been removed from the microdata 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. § 299a-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 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 previously 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.

2. If the identity of any person or establishment should be discovered inadvertently, then (a) no use will be made of this knowledge, (b) Director - Office of Management Services AHRQ will be advised of this incident, (c) the information that would identify any individual or establishment will be safeguarded or destroyed, as requested by AHRQ, and (d) no one else will be informed of the discovered identity.

3. No one will attempt to link this 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 previously 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 (18 U.S.C. § 1001), and is punishable by a fine of up to $10,000 or up to 5 years in prison.

AHRQ requests that users cite AHRQ and the Medical Expenditure Panel Survey as the data source in any publications or research based on these data.

B. Background

1.0 Household Component

The Medical Expenditure Panel Survey (MEPS) provides nationally representative estimates of healthcare use, expenditures, payment sources, 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 socio-economic characteristics, employment, access to care, and satisfaction with care. Estimates can be produced for individuals, families, and selected population subgroups. The survey's panel design includes five rounds of interviews spanning 2 full calendar years. The interviews use computer-assisted personal interviewing (CAPI) technology or computer-assisted video interviewing (CAVI) technology to collect information about each household member, which the survey builds on from interview to interview. A single household respondent reports all data for a sampled household.

The MEPS HC was initiated in 1996. Each year, a new panel of sampled 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 up to 15,000 households. Data can be analyzed at the person, family, or event level. Data must be weighted to produce national estimates.

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

2.0 Medical Provider Component

When the household CAPI instrument is completed and permission is obtained from the sampled members 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 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 payment amounts. The MPC is not designed to yield national estimates; it is primarily used as an imputation source to supplement or 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, and the MEPS MPC data are collected under contract with RTI International. Datasets and summary statistics are edited and published in accordance with the confidentiality provisions of the Public Health Service Act and the Privacy Act. 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 AHRQ Data Tools site.

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, AHRQ, 5600 Fishers Lane, Rockville, MD 20857.

C. Technical and Programming Information

1.0 General Information

This documentation describes the Medical Conditions Public Use File HC 255 (hereafter referred to as the Conditions PUF), which is one in a series of public use data files to be released from the 2024 MEPS HC. It was released as an ASCII file (with related SAS, SPSS, R, and Stata programming statements and data user information), SAS dataset, SAS transport file, Stata dataset, and 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 2024. It contains 29 variables and has a logical record length of 117 with an additional 2-byte carriage return/line feed at the end of each record.

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

- Data File Information (Section C.2.0)
- Survey Sample Information (Section C.3.0)
- National Health Interview Survey (Section C.4.0)
- Longitudinal Analysis (Section C.5.0)
- Variable-Source Crosswalk (Appendix 1)
- ICD10CDX and CCSR Condition Code Frequencies (Appendix 2)

A codebook of all the variables included on the 2024 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 in the Survey Questionnaires section of the MEPS website.

2.0 Data File Information

The 2024 Conditions PUF contains 67,705 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 2024. 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 3, 4, and 5 of Panel 28, and Rounds 1, 2, and 3 of Panel 29, the rounds for the MEPS panels covering calendar year 2024.

Person-level data (e.g., demographic or health insurance characteristics) from the 2024 MEPS Full Year Consolidated PUF (HC 256) 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 no reported medical conditions and thus will have no records on this file. Still other household members may have 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 2024 MEPS Event Files (HC 254A, and HC 254D through HC 254H) by using the link files provided in HC 254I. (See HC 254I documentation for details.)

2.1 Codebook Structure

For most variables on the Conditions PUF, both weighted and unweighted frequencies are provided in the accompanying codebook file. The exceptions to this are weight variables and variance estimation variables. Only unweighted frequencies of these variables are included on the accompanying codebook file. See the Weights Variables list in Appendix 1: Variable-Source Crosswalk.

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

The person identifier is unique within this data year.

2.2 Reserved Codes

This Conditions PUF contains several reserved code values (Table 1).

Table 1

Reserved Code Values, Labels, and Definitions

Value	Label	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 enough information is often the result of skip patterns in the data or of missing information stemming from the responses 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 provided in an Excel file, Stata dataset, SAS dataset, and SAS transport file) and provides the programming identifiers for each variable (see Table 2).

Table 2

Programming Identifiers for Each Variable on the Conditions PUF

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 Source and Naming Conventions

In general, variable names reflect the variable's content. Edited variables end with "X" and are so noted in the variable label. (CONDIDX, which is an encrypted identifier variable, also ends with "X".)

As the collection, universe, or categories of variables were altered, some variable names have been appended with "_Myy", where "yy" indicates the collection year in which the alterations were made. Such 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 Appendix 1. 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.

3. Variables constructed from multiple questions by 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 those used in NHIS. The dwelling unit identifier (DUID) is a seven-digit ID number consisting of a two-digit panel number followed by a five-digit random number assigned after the case was sampled for MEPS. A three-digit person number (PID) uniquely identifies each person within the DU. The variable DUPERSID is the combination of the variables DUID and PID. Identifiers begin with the two-digit panel number.

CONDN is the condition number and uniquely identifies each condition reported for an individual. A three-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 1-60.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 and indicates Panel 28 or Panel 29 for each record on this PUF. 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 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 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, including sections that collect information about health provider visits, prescription medications, or both (see Variable-Source Crosswalk in Appendix 1 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, AGEDIAG 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), the respondent was asked 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 on 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 multiple ways. (1) 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. Conditions reported in the PE section that are not currently included on this PUF. (2) The condition can be identified as the reason reported by the household respondent for a particular medical event (e.g., hospital stay, outpatient visit, emergency room visit, home health episode, prescribed medication purchase, office-based medical provider visit). (3) Some condition information is collected in the MEPS MPC. However, since the MPC is not available for everyone in the sample, it is not used to supplement, replace, or verify household-reported condition data.

Treatment of Data from Rounds Not Occurring in 2024

Beginning in 2008, priority conditions are included on 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 28 Rounds 1-3 that are not included in the 2024 PUF may be available in the 2023 Conditions PUF if the person had a positive person or family weight in 2023.

Note: Priority conditions are generally chronic conditions. Even though a person may not have reported an event in 2024 due to the condition, analysts should consider that the person may still be experiencing the condition. If a Panel 28 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 2024 Medical Conditions PUF.

Rounds in Which Conditions Were Reported/Selected (CRND1 - CRND5)

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 - CRND5). 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 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 2024.

Diagnosis Codes

Medical conditions reported by the HC respondent were recorded by the interviewer using a condition picklist with ICD-10-CM codes already assigned to conditions in the list. Reported conditions not in the picklist 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 picklist. 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.

To preserve confidentiality, all conditions provided on this PUF have been collapsed to three-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 through J029; the value F31 “Bipolar disorder” includes the fully-specified subclassifications F3110 through F319. Table 1 in Appendix 2 provides unweighted and weighted frequencies for all ICD-10-CM condition code values reported on the PUF. Less than 1 percent of the ICD-10-CM codes on this PUF were edited further by collapsing two or more three-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 10.8% 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 on the PUF or fewer 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 2024 Conditions 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 254D).

Conditions PUF data can be merged with the 2024 Event PUFs using the 2024 Condition-Event Link PUF (HC 254I). Because the conditions have been collapsed to three-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 collapsed to the same three-digit code.

Conditions were reported in several sections of the HC questionnaire (see Variable-Source Crosswalk in Appendix 1). Labels for all values of ICD10CDX, as shown in Table 1 of Appendix 2, are provided in the SAS programming statements included in this release (see the H255SU.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 v2025.1 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 7.5% of the CCSR categories were collapsed into a broader code for the appropriate body system where the frequency was fewer than 40 for the

total unweighted population on the file or fewer 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 one-tenth of 1% of CCSR codes were recoded to Cannot be Computed (-15) based on frequencies of ICD10CDX and CCSR pairs.

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

2.5.3 Utilization Variables (OBCOND - RXCOND)

The variables OBCOND, OPCOND, HHCOND, IPCOND, and ERCOND indicate that at least one 2024 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 254G, HC 254F, HC 254H, HC 254D, HC 254E, and HC 254A). Events associated with conditions include all utilization that occurred between January 1, 2024, and December 31, 2024.

3.0 Survey Sample Information

3.1 Discussion of Pandemic Effects on Quality of MEPS Data

Like most surveys, MEPS has been substantially affected by the COVID-19 pandemic. One effect of the pandemic is significantly lower response rates (see Section C.3.2 in the Consolidated PUF), which might differentially exclude households more likely to experience inpatient hospital stays. The demographic shifts on MEPS between 2019 and 2022 suggest a more educated, higher income, older MEPS sample. (For more details, see Section C.3.1 of the 2020 Consolidated PUF, Section C.3.1 of the 2021 Consolidated PUF, and Section C.3.1.2 of the 2022 Consolidated PUF.) MEPS sample design modifications due to the COVID-19 pandemic reverted in 2022. Thus, concerns about potential bias due to these modifications no longer apply to data collected in this PUF.

To examine the quality of the MEPS full-year 2024 data, analyses compared healthcare utilization and health insurance coverage for the MEPS target population between the panels fielded. These comparisons were undertaken for the full sample and three age groups: 0-17, 18-64, and 65 or older. Analysts found no abnormal differences between the two panels. Analyses across years also suggest a rebound to pre-pandemic utilization levels for most essential event types.

The development of the person-level weights for the MEPS full-year 2024 data was designed to limit the potential for response bias. However, analysts of the MEPS full-year 2024 data should

continue to exercise caution when interpreting estimates and assessing analyses, especially for data collected from 2020 through 2022. This includes comparing estimates with those of other years and conducting corresponding trend analyses.

3.2 Sample Weight (PERWT24F)

A single full-year person-level weight (PERWT24F) is assigned to each record for each Key in-scope person who responded to MEPS for the entire duration that they were in scope during 2024. 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 NHIS (the latter circumstance includes newborns and 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 U.S. civilian noninstitutionalized population.

3.3 Details on Person Weight Construction

The person-level weight PERWT24F was developed in several stages. First, a person-level weight for Panel 28 was created, including an adjustment for nonresponse over time and raking. 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 to establish the initial person-level control figures include the following:

- Educational attainment of the reference person (no degree, high school/GED only or some college, bachelor's or a higher degree)
- Census region (Northeast, Midwest, South, West)
- Metropolitan statistical area (MSA) status (MSA, non-MSA) (Note: For confidentiality reasons, the MSA status variables are no longer released for public use)
- Race/ethnicity (Hispanic; Black, non-Hispanic; Asian, non-Hispanic; other)
- Sex (male, female)
- Age (0-18, 19-25, 26-34, 35-44, 45-64, 65 or older)

The person-level weight for Panel 29 was created similarly. A composite weight was formed by multiplying each weight from Panel 28 by the factor 0.44 and each weight from Panel 29 by the factor 0.56. The choice of factors reflects the relative effective sample sizes of the two panels, helping to limit the variance of estimates obtained from pooling both samples.

Weights for the 2024 Consolidated PUF were then developed by raking the composite weight to CPS-based control totals, 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, 100% - 125% of poverty, 125% -

200% of poverty, 200% - 400% of poverty, at least 400% of poverty) in addition to age, race/ethnicity, sex, region, and MSA status are used to calibrate weights.

3.3.1 MEPS Panel 28 Weight Development Process

The person-level weight for Panel 28 was developed using the 2023 full-year weight as a "base" weight for survey participants present in 2024.

For Key in-scope members who joined a reporting unit (RU) at some time in 2024 after being out of scope in 2023, the initially assigned person-level weight was the corresponding 2023 family weight. The weighting process also included an adjustment for person-level nonresponse over Rounds 4 and 5, as well as raking to the population control figures for December 2024 for Key responding persons in scope on December 31, 2024. These control totals were derived by scaling back the population distribution obtained from the March 2025 CPS to reflect the December 31, 2024, estimated population total (based on census projections for January 1, 2025). The six variables listed in Section C.3.3 were also used for person-level raking: education of the reference person, census region, MSA status, race/ethnicity, sex, and age. The final weight for Key responding persons who were not in scope on December 31, 2024, but were in scope earlier in the year was the nonresponse-adjusted person weight without raking.

Note that the 2023 full-year weight that was used as the base weight for Panel 28 was derived using the 2023 MEPS Round 1 weight and reflected adjustment for nonresponse over the remaining data collection rounds in 2023, as well as raking to the December 2023 population control figures.

3.3.2 MEPS Panel 29 Weight Development Process

The person-level weight for Panel 29 was developed using the 2024 Round 1 person-level weight as a base weight. The Round 1 weights incorporated the following components: the original household probability of selection for NHIS and for the NHIS subsample reserved for MEPS, an adjustment for NHIS nonresponse, the probability of selection for MEPS from NHIS, an adjustment for nonresponse at the DU level for Round 1, and raking to control figures at the person level 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 2024, as well as raking to the same population control figures for December 2024 that were used for the Panel 28 weight for Key responding persons in scope on December 31, 2024. The same six variables used for Panel 28 raking (education level of the reference person, census region, MSA status, race/ethnicity, sex, and age) were also used for Panel 29 raking. Similar to Panel 28, the Panel 29 final weight for Key responding persons who were not in scope on December 31, 2024, but were in scope earlier in the year was the nonresponse-adjusted person weight without raking.

3.3.3 The Final Weight for 2024

The final raking of those in scope at the end of the year has been described previously. In addition, the composite weights of two groups of persons who were out of scope on December 31, 2024, were adjusted for expected undercoverage. Specifically, the weights of those who were out of scope on December 31, 2024, 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 Centers for Medicare & Medicaid Services (CMS). The weights of persons who died while in scope were poststratified to corresponding estimates derived using data from the Centers for Disease Control and Prevention (CDC), NCHS, and About Provisional Mortality Statistics, 2018 through Last Week on the CDC WONDER online database (released in 2025, the latest available data at the time). Separate decedent control totals were developed for the "65 or older" and "under 65" civilian noninstitutionalized populations.

Overall, the weighted population estimate for the civilian noninstitutionalized population for December 31, 2024, is 336,022,966 (PERWT24F >0 and INSC1231 = 1). The sum of person-level weights across all persons assigned a positive person-level weight is 39,797,629.

3.4 Coverage

The target population associated with MEPS is the 2024 U.S. civilian noninstitutionalized population. However, the MEPS sampled households are a subsample of the NHIS households interviewed in 2022 (Panel 28) and 2023 (Panel 29). New households created after the NHIS interviews for the respective panels and consisting exclusively of persons who entered the target population after 2022 (Panel 28) or after 2023 (Panel 29) are not covered by the 2024 MEPS. Nor are previously out-of-scope persons who joined an existing household but are not related to the current household residents. Thus, persons not covered by a given MEPS panel include some members of the following groups: newborns, 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 Variance Estimation (VARSTR, VARPSU)

To obtain estimates of variability in MEPS estimates (e.g., the standard error of sample estimates or corresponding confidence intervals), analysts should consider MEPS's complex sample design for both person-level and family-level analyses. Several methods have been developed to estimate standard errors for surveys with complex sample designs, including the Taylor series linearization method, balanced repeated replication (BRR), and jackknife replication; various software packages can implement these methods. MEPS analysts most commonly use the Taylor series approach. Although this PUF does not contain replicate weights, analysts can use the BRR method to construct replicate weights to develop variances for more complex estimators (see Section C.3.5.2). VARSTR and VARPSU are included in the 2024 Jobs PUF for this purpose.

3.5.1 Taylor Series Linearization Method

The variables needed to calculate appropriate standard errors based on the Taylor series linearization method are included on this file, as well as all other MEPS PUFs. Software packages that support the Taylor series linearization method include SUDAAN, R, Stata, SAS (version 8.2 or higher), and SPSS (version 12.0 or higher). For complete information on a package's capabilities, analysts should refer to the software's user documentation.

With the Taylor series linearization method, variance estimation strata and the variance estimation primary sampling units (PSUs) within these strata must be specified. The variables VARSTR and VARPSU on this Jobs PUF identify the sampling strata and PSUs required by the variance estimation programs. Specifying a "with replacement" design in one of the previously mentioned software packages will provide estimated standard errors appropriate for assessing the variability of MEPS estimates. Note that the number of degrees of freedom associated with estimates of variability indicated by a package may not appropriately reflect the number available. For variables of interest distributed throughout the country (and thus across the MEPS sample PSUs), one can generally expect to see at least 100 degrees of freedom associated with the estimated standard errors for national estimates based on this MEPS database.

Before 2002, the MEPS variance strata and PSUs were developed independently from year to year, and the last two characters of the strata and PSU variable names denoted the year. Beginning with the 2002 Point-in-Time PUF, the approach changed with the intention that variance strata and PSUs would be developed to be compatible with all future PUFs until the NHIS design changed. Thus, when pooling data from 2002 through Panel 11 in the 2007 files, analysts can use the variance strata and PSU variables provided without modifying them for variance estimation purposes for estimates covering multiple years of data. There are 203 variance estimation strata; each stratum has either two or three variance estimation PSUs.

Beginning with Panel 12 in the 2007 files, a new set of variance strata and PSUs was developed because of the introduction of a new NHIS design. There are 165 variance strata with either two or three variance estimation PSUs per stratum. Therefore, there are a total of 368 (203 + 165) variance strata in the 2007 Consolidated PUF because it consists of two panels selected under two independent NHIS sample designs. Because both MEPS panels in the full-year files from 2008 to 2016 are based on the same NHIS design, there are only 165 variance strata. These strata (VARSTR values) have been numbered from 1001 to 1165 so they can be readily distinguished from those developed under the former NHIS sample design when pooling data across multiple years.

The NHIS sample design was changed again in 2016, effectively changing the MEPS design beginning with calendar year 2017. Beginning with Panel 22 in the 2017 files, a new set of variance strata and PSUs was developed. There are 117 variance strata with either two or three variance estimation PSUs per stratum. Therefore, there are a total of 282 (165 + 117) variance strata in the 2017 Consolidated PUF because it consists of two panels selected under two independent NHIS sample designs. To simplify data pooling across multiple years of MEPS, the variance strata numbering system was changed. The strata associated with the new design are numbered from 2001 to 2117.

The NHIS sample design was further modified in 2018, so the MEPS variance structure for the 2019 Consolidated PUF was also modified, reducing the number of variance strata to 105. The new variance structure maintained consistency with the prior structure by assigning the 2019 variance strata to values within the same 2001 to 2117 range, although there are now some gaps in the sequence of the assigned values. Because of the modification, each stratum could contain up to five variance estimation PSUs.

For Panel 26 in the 2021 and 2022 Consolidated PUFs, an additional NHIS sample was used for MEPS to account for increasing nonresponse during the pandemic (as discussed in Section C.3.1.2). The additional sample was assigned to the existing variance strata, so the 2021 and 2022 Consolidated PUFs continued to have 105 variance strata, numbered from 2001 to 2117, though there are now some gaps in the values in that range. In many cases, the additional sample was assigned to new variance estimation PSUs. Thus, in the 2021 and 2022 Consolidated PUFs, each stratum contained up to eight variance estimation PSUs.

Additional NHIS samples were no longer needed beginning in 2023, leading to fewer variance estimation PSUs than in the 2021 and 2022 Consolidated PUFs. The Consolidated PUF continues to have 105 variance strata, numbered from 2001 to 2117, with a few gaps in the values in that range. Each stratum contains up to seven variance estimation PSUs.

When pooling data across multiple years of MEPS data, it is necessary to specify a common variance structure to obtain appropriate standard errors. Before 2002, each annual PUF was released with a variance structure unique to the particular MEPS sample in that year. Starting in 2002, the annual PUFs were released with a common variance structure to allow analysts to pool data from 2002 to 2018. However, analysts can no longer do this routinely because the variance structure was modified beginning in 2019.

To ensure that variance strata are identified appropriately for variance estimation purposes when pooling MEPS data across several years, analysts should proceed as follows:

1. When pooling any year from 2002 to 2018, use the variance strata numbering as is.

2. When pooling (a) any year from 1996 to 2001 with any year from 2002 or later, or (b) the year 2019 and beyond with any earlier year, use the pooled linkage PUF HC-036, which contains the proper variance structure. The HC-036 PUF is updated every year so that appropriate variance structures are available with pooled data. Further details are included in the public use documentation for the HC-036 PUF.

3.5.2 Balanced Repeated Replication Method

BRR replicate weights are not provided on this MEPS Jobs PUF for the purposes of variance estimation. However, a file containing a BRR structure is available so that analysts can form replicate weights, if desired, from the final MEPS weight to compute variances of MEPS estimates using either BRR or Fay's modified BRR (Fay, 1989) methods. The replicate weights are useful for computing variances of complex nonlinear estimators for which a Taylor linear form is neither easy to derive nor available in commonly used software. For instance, it is not possible to calculate the variances of a median or the ratio of two medians by using the Taylor

linearization method. For these types of estimators, analysts can calculate a variance using BRR or Fay's modified BRR methods. However, it should be noted that the replicate weights are derived from the final weight through a shortcut approach. Specifically, the replicate weights are not computed from the base weight, and all adjustments made in different stages of weighting are not applied independently in each replicate. Thus, the variances computed using this one-step BRR do not capture the effects of all weighting adjustments that would be captured in a set of fully developed BRR replicate weights. The Taylor series approach does not fully capture the effects of the different weighting adjustments, either.

The dataset HC-036BRR: MEPS 1996-2024 Replicates for Variance Estimation File contains the information necessary to construct the BRR replicates. It includes a set of 128 flags (BRR1-BRR128) in the form of half-sample indicators, each of which is coded 0 or 1 to indicate whether the person should or should not be included in that particular replicate. These flags can be used in conjunction with the full-year weight to construct the BRR replicate weights. For an analysis of MEPS data pooled across years, the BRR replicates can be formed in the same way by using the HC-036: MEPS 1996-2024 Pooled Linkage Variance Estimation File.

3.6 Using MEPS Data for Trend Analysis

For analysts using the MEPS data for trend analysis, there are uncertainties associated with 2020, 2021, and 2022 data quality, as discussed in Section C.3.1. Evaluations of important MEPS estimates suggest that the estimates are of reasonable quality. Nevertheless, analysts are advised to exercise caution when interpreting these estimates, particularly for trend analyses, because the pandemic substantially affected healthcare access and related factors (e.g., health insurance coverage, employment status).

MEPS began in 1996, and the utility of the survey for analyzing healthcare trends expands with each additional year of data; however, when examining trends over time using MEPS, the duration being analyzed should be considered. In particular, large shifts in survey estimates over short periods (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 healthcare utilization from MEPS respondents; the changes were fully implemented in 2014. This effort likely improved data quality and reduced underreporting starting in the second half of 2013 and continuing throughout the 2014 full-year files. The changes have also affected analyses involving utilization trends across years. Changes in the NHIS sample design in 2016 and 2018 could also 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, and many of its subpopulations. Improved 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 involves major modifications to the MEPS instrument design and data collection process, particularly in the events sections of the instrument. These were introduced in spring 2018 and thus affected data beginning with Round 1 of Panel 23, Round 3 of Panel 22, and Round 5 of Panel 21. Because 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 reflect 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 be as consistent as possible with data collected under the previous design. The changes to the instrument were designed to make data collection more efficient and easier to administer. In addition, data on some items, such as those related to healthcare events, were expected to 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. Note: Analysts should be aware of the possible impacts of these changes on data, especially 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, analysts should refer to Section C.2.5.11: Utilization, Expenditures, and Sources of Payment Variables in the Consolidated PUF (HC 256). For more details, refer to the documentation for the prescription drug file (HC 254A) when analyzing prescription drug spending over time. As always, before conducting trend analyses, analysts should review relevant documentation sections for descriptions of changes that might affect interpretation over time.

To smooth or stabilize trend analyses based on MEPS data, analysts may also wish to consider statistical approaches such as comparing pooled time periods (e.g., 1996-1997 vs. 2011-2012), working with moving averages, or using modeling techniques with several consecutive years of 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, conducting numerous statistical significance tests of trends will increase the likelihood of concluding that a change has occurred 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 PUFs. This is because the set of households selected for MEPS is a subsample of NHIS participants. For information on obtaining MEPS/NHIS link files please see the data files section of the MEPS website.

5.0 Longitudinal Analysis

Panel-specific longitudinal files can be downloaded from the data section of the MEPS website. For both panels (Panel 28 and Panel 29), the longitudinal file comprises MEPS 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 on the MEPS website.

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Appendix 1
Variable-Source Crosswalk

MEPS HC 255: 2024 MEDICAL CONDITIONS

See the Household section under Survey Components on the MEPS home page for information on the MEPS HC questionnaire sections shown in the Source column (e.g., PE) of the tables in this appendix.

UNIQUE IDENTIFIER VARIABLES

Variable	Label	Source
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
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
INJURY	WAS CONDITION DUE TO ACCIDENT/INJURY	AH80

Variable	Label	Source
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
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
PERWT24F	EXPENDITURE FILE PERSON WEIGHT, 2024	Constructed
VARSTR	VARIANCE ESTIMATION STRATUM, 2024	Constructed
VARPSU	VARIANCE ESTIMATION PSU, 2024	Constructed

Appendix 2
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 perwt24f
-15	CANNOT BE COMPUTED	7631	125082614.85
A08	VIRAL AND OTHER SPECIFIED INTESTINAL INFECTIONS	116	2302559.66
A49	BACTERIAL INFECTION OF UNSPECIFIED SITE	85	1388127.46
B00	HERPESVIRAL [HERPES SIMPLEX] INFECTIONS	80	1437910.43
B02	ZOSTER [HERPES ZOSTER]	55	912845.39
B07	VIRAL WARTS	75	1376627.55
B34	VIRAL INFECTION OF UNSPECIFIED SITE	114	2212994.39
B35	DERMATOPHYTOSIS	135	2032911.40
B37	CANDIDIASIS	53	973858.56
C34	MALIGNANT NEOPLASM OF BRONCHUS AND LUNG	45	569597.04
C43	MALIGNANT MELANOMA OF SKIN	149	2094294.08
C44	OTHER AND UNSPECIFIED MALIGNANT NEOPLASM OF SKIN	444	6357952.60
C50	MALIGNANT NEOPLASM OF BREAST	196	2719565.53
C61	MALIGNANT NEOPLASM OF PROSTATE	182	2465915.58
C73	MALIGNANT NEOPLASM OF THYROID GLAND	55	819515.92
C95	LEUKEMIA OF UNSPECIFIED CELL TYPE	40	487067.31
D04	CARCINOMA IN SITU OF SKIN	137	2114158.62
D22	MELANOCYTIC NEVI	69	1105494.89
D49	NEOPLASMS OF UNSPECIFIED BEHAVIOR	114	1459604.32
D50	IRON DEFICIENCY ANEMIA	66	917397.63
D64	OTHER ANEMIAS	107	1452015.72
E03	OTHER HYPOTHYROIDISM	859	13149647.11
E04	OTHER NONTOXIC GOITER	108	1536332.01
E05	THYROTOXICOSIS [HYPERTHYROIDISM]	159	2462499.73
E06	THYROIDITIS	125	1888036.88
E07	OTHER DISORDERS OF THYROID	222	2950596.46
E11	TYPE 2 DIABETES MELLITUS	2076	29563349.62
E28	OVARIAN DYSFUNCTION	54	1113607.67
E29	TESTICULAR DYSFUNCTION	74	1272879.06
E34	OTHER ENDOCRINE DISORDERS	105	1712554.54
E53	DEFICIENCY OF OTHER B GROUP VITAMINS	90	1441968.06
E55	VITAMIN D DEFICIENCY	352	5533766.93
E61	DEFICIENCY OF OTHER NUTRIENT ELEMENTS	142	2166748.18
E66	OVERWEIGHT AND OBESITY	224	3881240.27
E78	DISORDERS OF LIPOPROTEIN METABOLISM AND OTHER LIPIDEMIAS	3667	51513465.51
E83	DISORDERS OF MINERAL METABOLISM	56	705544.90
E86	VOLUME DEPLETION	61	853314.16
E87	OTHER DISORDERS OF FLUID, ELECTROLYTE AND ACID-BASE BALANCE	254	3130627.61

ICD10CDX VALUE	ICD10CDX LABEL	UNWEIGHTED	WEIGHTED BY perwt24f
F03	UNSPECIFIED DEMENTIA	79	1016387.89
F20	SCHIZOPHRENIA	47	584602.53
F31	BIPOLAR DISORDER	203	3265301.02
F32	DEPRESSIVE EPISODE	1649	27393709.13
F39	UNSPECIFIED MOOD [AFFECTIVE] DISORDER	49	816812.35
F41	OTHER ANXIETY DISORDERS	1957	34186403.14
F42	OBSESSIVE-COMPULSIVE DISORDER	59	1155530.54
F43	REACTION TO SEVERE STRESS, AND ADJUSTMENT DISORDERS	396	6973866.38
F84	PERVASIVE DEVELOPMENTAL DISORDERS	127	2566301.33
F90	ATTENTION-DEFICIT HYPERACTIVITY DISORDERS	677	13384307.14
F99	MENTAL DISORDER, NOT OTHERWISE SPECIFIED	348	6492536.35
G20	PARKINSON'S DISEASE	62	637710.82
G25	OTHER EXTRAPYRAMIDAL AND MOVEMENT DISORDERS	124	1756518.33
G35	MULTIPLE SCLEROSIS	50	839734.36
G40	EPILEPSY AND RECURRENT SEIZURES	97	1549774.17
G43	MIGRAINE	389	6538388.37
G45	TRANSIENT CEREBRAL ISCHEMIC ATTACKS AND RELATED SYNDROMES	230	3029377.18
G47	SLEEP DISORDERS	1201	18206528.65
G56	MONONEUROPATHIES OF UPPER LIMB	90	1310488.39
G57	MONONEUROPATHIES OF LOWER LIMB	97	1253090.64
G62	OTHER AND UNSPECIFIED POLYNEUROPATHIES	282	3809475.57
G89	PAIN, NOT ELSEWHERE CLASSIFIED	301	4693906.89
H00	HORDEOLUM AND CHALAZION	43	700168.86
H02	OTHER DISORDERS OF EYELID	43	557100.55
H04	DISORDERS OF LACRIMAL SYSTEM	227	3110003.18
H10	CONJUNCTIVITIS	132	2444646.66
H26	OTHER CATARACT	572	7279278.82
H33	RETINAL DETACHMENTS AND BREAKS	51	706834.34
H35	OTHER RETINAL DISORDERS	253	3257381.20
H40	GLAUCOMA	345	4723195.20
H43	DISORDERS OF VITREOUS BODY	46	640217.09
H44	DISORDERS OF GLOBE	58	902087.06
H52	DISORDERS OF REFRACTION AND ACCOMMODATION	295	5785183.58
H53	VISUAL DISTURBANCES	127	2147675.93
H54	BLINDNESS AND LOW VISION	128	1930021.84
H57	OTHER DISORDERS OF EYE AND ADNEXA	190	2824265.87
H61	OTHER DISORDERS OF EXTERNAL EAR	98	1432668.66
H66	SUPPURATIVE AND UNSPECIFIED OTITIS MEDIA	396	8017189.91
H91	OTHER AND UNSPECIFIED HEARING LOSS	284	4272524.60
H92	OTALGIA AND EFFUSION OF EAR	77	1321212.33
H93	OTHER DISORDERS OF EAR, NOT ELSEWHERE CLASSIFIED	65	1081204.31
I10	ESSENTIAL (PRIMARY) HYPERTENSION	4357	61741124.31
I21	ACUTE MYOCARDIAL INFARCTION	288	3972551.36
I25	CHRONIC ISCHEMIC HEART DISEASE	537	7340281.63
I26	PULMONARY EMBOLISM	57	938711.49
I38	ENDOCARDITIS, VALVE UNSPECIFIED	108	1513476.51

ICD10CDX VALUE	ICD10CDX LABEL	UNWEIGHTED	WEIGHTED BY perwt24f
I48	ATRIAL FIBRILLATION AND FLUTTER	357	4718233.45
I49	OTHER CARDIAC ARRHYTHMIAS	240	3300710.50
I50	HEART FAILURE	146	1830758.68
I51	COMPLICATIONS AND ILL-DEFINED DESCRIPTIONS OF HEART DISEASE	161	2295297.21
I63	CEREBRAL INFARCTION	42	504629.00
I73	OTHER PERIPHERAL VASCULAR DISEASES	42	586778.62
I74	ARTERIAL EMBOLISM AND THROMBOSIS	228	3040509.53
I83	VARICOSE VEINS OF LOWER EXTREMITIES	43	602339.75
I95	HYPOTENSION	57	662006.31
I99	OTHER AND UNSPECIFIED DISORDERS OF CIRCULATORY SYSTEM	54	630483.31
J00	ACUTE NASOPHARYNGITIS [COMMON COLD]	240	4547658.64
J02	ACUTE PHARYNGITIS	450	8701516.44
J06	ACUTE UPPER RESP INFECTIONS OF MULTIPLE AND UNSP SITES	80	1280688.80
J11	INFLUENZA DUE TO UNIDENTIFIED INFLUENZA VIRUS	274	5071178.96
J18	PNEUMONIA, UNSPECIFIED ORGANISM	275	4299767.53
J20	ACUTE BRONCHITIS	63	1098157.00
J30	VASOMOTOR AND ALLERGIC RHINITIS	918	13729624.20
J32	CHRONIC SINUSITIS	428	7105378.59
J34	OTHER AND UNSPECIFIED DISORDERS OF NOSE AND NASAL SINUSES	139	2193453.80
J39	OTHER DISEASES OF UPPER RESPIRATORY TRACT	84	1403683.83
J40	BRONCHITIS, NOT SPECIFIED AS ACUTE OR CHRONIC	143	2413340.38
J42	UNSPECIFIED CHRONIC BRONCHITIS	84	1049935.98
J43	EMPHYSEMA	77	997272.20
J44	OTHER CHRONIC OBSTRUCTIVE PULMONARY DISEASE	219	2697550.67
J45	ASTHMA	1247	19410818.09
J98	OTHER RESPIRATORY DISORDERS	195	3388232.21
K04	DISEASES OF PULP AND PERIAPICAL TISSUES	103	1845236.11
K08	OTHER DISORDERS OF TEETH AND SUPPORTING STRUCTURES	218	3914000.22
K21	GASTRO-ESOPHAGEAL REFLUX DISEASE	1243	18318882.92
K22	OTHER DISEASES OF ESOPHAGUS	71	963250.53
K25	GASTRIC ULCER	63	983946.85
K29	GASTRITIS AND DUODENITIS	90	1136438.72
K30	FUNCTIONAL DYSPEPSIA	151	2031486.22
K31	OTHER DISEASES OF STOMACH AND DUODENUM	83	1329319.00
K46	UNSPECIFIED ABDOMINAL HERNIA	82	1057931.60
K52	OTHER AND UNSP NONINFECTIVE GASTROENTERITIS AND COLITIS	59	912257.27
K57	DIVERTICULAR DISEASE OF INTESTINE	77	1023506.66
K58	IRRITABLE BOWEL SYNDROME	101	1761898.39
K59	OTHER FUNCTIONAL INTESTINAL DISORDERS	183	2837969.58
K63	OTHER DISEASES OF INTESTINE	163	2279840.71
K64	HEMORRHOIDS AND PERIANAL VENOUS THROMBOSIS	50	755648.26
K76	OTHER DISEASES OF LIVER	115	1839540.48
K82	OTHER DISEASES OF GALLBLADDER	63	1016646.49
K92	OTHER DISEASES OF DIGESTIVE SYSTEM	88	1265107.19
L03	CELLULITIS AND ACUTE LYMPHANGITIS	59	1042882.17
L08	OTHER LOCAL INFECTIONS OF SKIN AND SUBCUTANEOUS TISSUE	154	2575946.21

ICD10CDX VALUE	ICD10CDX LABEL	UNWEIGHTED	WEIGHTED BY perwt24f
L23	ALLERGIC CONTACT DERMATITIS	97	1791850.62
L29	PRURITUS	76	1089378.85
L30	OTHER AND UNSPECIFIED DERMATITIS	225	4018332.26
L40	PSORIASIS	104	1545256.76
L60	NAIL DISORDERS	189	2806739.83
L65	OTHER NONSCARRING HAIR LOSS	103	1826102.72
L70	ACNE	185	3928307.66
L71	ROSACEA	83	1267380.57
L72	FOLLICULAR CYSTS OF SKIN AND SUBCUTANEOUS TISSUE	101	1522864.23
L84	CORNS AND CALLOSITIES	76	1101183.77
L90	ATROPHIC DISORDERS OF SKIN	47	737348.55
L91	HYPERTROPHIC DISORDERS OF SKIN	49	756732.57
L98	OTH DISORDERS OF SKIN, SUBCU, NOT ELSEWHERE CLASSIFIED	361	5759240.68
M06	OTHER RHEUMATOID ARTHRITIS	321	3939556.01
M10	GOUT	262	3539487.47
M17	OSTEOARTHRITIS OF KNEE	139	2272220.63
M19	OTHER AND UNSPECIFIED OSTEOARTHRITIS	1174	15652309.09
M21	OTHER ACQUIRED DEFORMITIES OF LIMBS	65	960293.98
M25	OTHER JOINT DISORDER, NOT ELSEWHERE CLASSIFIED	1558	23615429.25
M32	SYSTEMIC LUPUS ERYTHEMATOSUS (SLE)	47	724952.05
M35	OTHER SYSTEMIC INVOLVEMENT OF CONNECTIVE TISSUE	66	1042226.99
M41	SCOLIOSIS	67	1097303.62
M43	OTHER DEFORMING DORSOPATHIES	47	704837.57
M48	OTHER SPONDYLOPATHIES	101	1368583.88
M50	CERVICAL DISC DISORDERS	51	761120.37
M51	THORACIC, THORACOLUM, AND LUMBOSACRAL INTVRT DISC DISORDERS	239	3515722.13
M53	OTHER AND UNSPECIFIED DORSOPATHIES, NOT ELSEWHERE CLASSIFIED	123	1830323.15
M54	DORSALGIA	1575	24180300.26
M62	OTHER DISORDERS OF MUSCLE	223	3250044.95
M65	SYNOVITIS AND TENOSYNOVITIS	66	897557.98
M71	OTHER BURSOPATHIES	62	817231.07
M72	FIBROBLASTIC DISORDERS	83	1354326.31
M75	SHOULDER LESIONS	80	1074312.57
M77	OTHER ENTHESOPATHIES	94	1561040.16
M79	OTH AND UNSP SOFT TISSUE DISORDERS, NOT ELSEWHERE CLASSIFIED	946	13506763.88
M81	OSTEOPOROSIS WITHOUT CURRENT PATHOLOGICAL FRACTURE	222	2881356.14
M85	OTHER DISORDERS OF BONE DENSITY AND STRUCTURE	237	3330129.94
M89	OTHER DISORDERS OF BONE	42	689983.75
N19	UNSPECIFIED KIDNEY FAILURE	66	816288.33
N20	CALCULUS OF KIDNEY AND URETER	157	2398252.20
N28	OTH DISORDERS OF KIDNEY AND URETER, NOT ELSEWHERE CLASSIFIED	214	2849609.30
N30	CYSTITIS	60	785468.80
N32	OTHER DISORDERS OF BLADDER	151	1905604.43
N39	OTHER DISORDERS OF URINARY SYSTEM	565	8821277.95
N40	BENIGN PROSTATIC HYPERPLASIA	316	4432945.97
N42	OTHER AND UNSPECIFIED DISORDERS OF PROSTATE	94	1351309.68

ICD10CDX VALUE	ICD10CDX LABEL	UNWEIGHTED	WEIGHTED BY perwt24f
N52	MALE ERECTILE DYSFUNCTION	83	1325085.15
N63	UNSPECIFIED LUMP IN BREAST	62	1159601.15
N81	FEMALE GENITAL PROLAPSE	66	1041855.68
N83	NONINFLAMMATORY DISORD OF OVARY, FALLOP AND BROAD LIGAMENT	46	785506.29
N89	OTHER NONINFLAMMATORY DISORDERS OF VAGINA	52	771969.38
N92	EXCESSIVE, FREQUENT AND IRREGULAR MENSTRUATION	79	1826087.18
R00	ABNORMALITIES OF HEART BEAT	189	2614621.41
R01	CARDIAC MURMURS AND OTHER CARDIAC SOUNDS	61	749061.85
R03	ABNORMAL BLOOD-PRESSURE READING, WITHOUT DIAGNOSIS	58	901477.60
R05	COUGH	301	4857453.92
R06	ABNORMALITIES OF BREATHING	226	3041788.42
R07	PAIN IN THROAT AND CHEST	143	2026408.90
R09	OTH SYMPTOMS AND SIGNS INVOLVING THE CIRC AND RESP SYS	72	960484.66
R10	ABDOMINAL AND PELVIC PAIN	268	4226306.79
R11	NAUSEA AND VOMITING	285	4652634.65
R12	HEARTBURN	160	2185065.44
R19	OTH SYMPTOMS AND SIGNS INVOLVING THE DGSTV SYS AND ABDOMEN	76	1038448.74
R20	DISTURBANCES OF SKIN SENSATION	53	733789.04
R21	RASH AND OTHER NONSPECIFIC SKIN ERUPTION	240	3913817.85
R22	LOCALIZED SWELLING, MASS AND LUMP OF SKIN, SUBCU	69	1092950.22
R25	ABNORMAL INVOLUNTARY MOVEMENTS	166	2200335.92
R26	ABNORMALITIES OF GAIT AND MOBILITY	113	1341306.58
R32	UNSPECIFIED URINARY INCONTINENCE	132	1659586.90
R39	OTH AND UNSP SYMPTOMS AND SIGNS INVOLVING THE GU SYS	44	553962.35
R41	OTH SYMPTOMS AND SIGNS W COGNITIVE FUNCTIONS AND AWARENESS	140	1920535.11
R42	DIZZINESS AND GIDDINESS	229	2994045.36
R45	SYMPTOMS AND SIGNS INVOLVING EMOTIONAL STATE	57	894612.00
R47	SPEECH DISTURBANCES, NOT ELSEWHERE CLASSIFIED	56	1040472.36
R50	FEVER OF OTHER AND UNKNOWN ORIGIN	100	1847284.05
R51	HEADACHE	147	2250137.19
R52	PAIN, UNSPECIFIED	115	1748325.15
R53	MALAISE AND FATIGUE	77	1055280.23
R54	AGE-RELATED PHYSICAL DEBILITY	62	713243.45
R56	CONVULSIONS, NOT ELSEWHERE CLASSIFIED	78	1005446.73
R60	EDEMA, NOT ELSEWHERE CLASSIFIED	282	3752677.99
R63	SYMPTOMS AND SIGNS CONCERNING FOOD AND FLUID INTAKE	83	1409207.32
R73	ELEVATED BLOOD GLUCOSE LEVEL	318	5069273.98
R91	ABNORMAL FINDINGS ON DIAGNOSTIC IMAGING OF LUNG	58	729197.40
R92	ABNORMAL AND INCONCLUSIVE FINDINGS ON DX IMAGING OF BREAST	44	682053.16
S01	OPEN WOUND OF HEAD	43	675279.93
S06	INTRACRANIAL INJURY	73	1148919.68
S09	OTHER AND UNSPECIFIED INJURIES OF HEAD	49	857403.34
S39	OTH & UNSP INJURIES OF ABD, LOW BACK, PELV & EXTRN GENITALS	101	1596951.24
S42	FRACTURE OF SHOULDER AND UPPER ARM	68	1156043.61
S49	OTHER AND UNSPECIFIED INJURIES OF SHOULDER AND UPPER ARM	88	1541787.51
S61	OPEN WOUND OF WRIST, HAND AND FINGERS	56	822743.14

ICD10CDX VALUE	ICD10CDX LABEL	UNWEIGHTED	WEIGHTED BY perwt24f
S62	FRACTURE AT WRIST AND HAND LEVEL	76	1250695.35
S69	OTHER AND UNSPECIFIED INJURIES OF WRIST, HAND AND FINGER(S)	88	1532185.78
S82	FRACTURE OF LOWER LEG, INCLUDING ANKLE	87	1368199.41
S83	DISLOCATION AND SPRAIN OF JOINTS AND LIGAMENTS OF KNEE	81	1247191.50
S89	OTHER AND UNSPECIFIED INJURIES OF LOWER LEG	104	1687533.37
S92	FRACTURE OF FOOT AND TOE, EXCEPT ANKLE	62	1002945.50
S93	DISLOC & SPRAIN OF JOINTS & LIGAMENTS AT ANKL, FT & TOE LEV	73	1374300.14
S99	OTHER AND UNSPECIFIED INJURIES OF ANKLE AND FOOT	83	1451886.32
T14	INJURY OF UNSPECIFIED BODY REGION	320	4638159.03
T63	TOXIC EFFECT OF CONTACT WITH VENOMOUS ANIMALS AND PLANTS	71	1138603.22
T78	ADVERSE EFFECTS, NOT ELSEWHERE CLASSIFIED	297	4963077.41
T88	OTH COMPLICATIONS OF SURGICAL AND MEDICAL CARE, NEC	45	709473.29
U07	EMERGENCY USE OF U07	557	8915411.81
U09	POST COVID-19 CONDITION	80	1141411.04
Z00	ENCNTR FOR GENERAL EXAM W/O COMPLAINT, SUSP OR REPRTD DX	327	5559135.14
Z01	ENCNTR FOR OTH SP EXAM W/O COMPLAINT, SUSPECTED OR REPRTD DX	127	1935233.66
Z04	ENCOUNTER FOR EXAMINATION AND OBSERVATION FOR OTHER REASONS	57	1084253.81
Z09	ENCNTR FOR F/U EXAM AFT TRTMT FOR COND OTH THAN MALIG NEOPLM	51	761017.61
Z12	ENCOUNTER FOR SCREENING FOR MALIGNANT NEOPLASMS	274	4000157.05
Z13	ENCOUNTER FOR SCREENING FOR OTHER DISEASES AND DISORDERS	179	2428391.99
Z21	ASYMPTOMATIC HUMAN IMMUNODEFICIENCY VIRUS INFECTION STATUS	41	519624.86
Z23	ENCOUNTER FOR IMMUNIZATION	387	6348720.49
Z29	ENCOUNTER FOR OTHER PROPHYLACTIC MEASURES	129	1708428.95
Z30	ENCOUNTER FOR CONTRACEPTIVE MANAGEMENT	269	6030842.30
Z34	ENCOUNTER FOR SUPERVISION OF NORMAL PREGNANCY	190	3900588.71
Z38	LIVEBORN INFANTS ACCORDING TO PLACE OF BIRTH AND TYPE OF DEL	42	963325.80
Z48	ENCOUNTER FOR OTHER POSTPROCEDURAL AFTERCARE	64	868719.21
Z51	ENCOUNTER FOR OTHER AFTERCARE AND MEDICAL CARE	46	607611.57
Z63	OTH PROB REL TO PRIM SUPPORT GROUP, INC FAMILY CIRCUMSTANCES	85	1709437.98
Z71	PERSONS ENCNTR HEALTH SERV FOR OTH CNSL AND MED ADVICE, NEC	296	5262118.04
Z73	PROBLEMS RELATED TO LIFE MANAGEMENT DIFFICULTY	57	806437.95
Z76	PERSONS ENCOUNTERING HEALTH SERVICES IN OTHER CIRCUMSTANCES	276	3906083.49
Z78	OTHER SPECIFIED HEALTH STATUS	140	2383334.34
Z79	LONG TERM (CURRENT) DRUG THERAPY	306	4140461.81
Z91	PERSONAL RISK FACTORS, NOT ELSEWHERE CLASSIFIED	61	1180551.74
Z95	PRESENCE OF CARDIAC AND VASCULAR IMPLANTS AND GRAFTS	44	516860.30
Z96	PRESENCE OF OTHER FUNCTIONAL IMPLANTS	223	3361357.48
Z97	PRESENCE OF OTHER DEVICES	64	857394.20
		67705	1041621279.95

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 perwt24f
-15	CANNOT BE COMPUTED	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	380	6662455.69
BLD000	DISEASES OF BLOOD AND DISORDERS INVOLVING IMMUNE MECHANIS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	120	1863545.78
BLD000	DISEASES OF BLOOD AND DISORDERS INVOLVING IMMUNE MECHANIS	CIR000	DISEASES OF THE CIRCULATORY SYSTEM	-1	INAPPLICABLE	-1	INAPPLICABLE	1	9708.32
BLD000	DISEASES OF BLOOD AND DISORDERS INVOLVING IMMUNE MECHANIS	INJ000	INJURY, POISONING & CERTAIN OTH CONSEQUENCES OF EXTNL CAU	-1	INAPPLICABLE	-1	INAPPLICABLE	1	4341.71
BLD000	DISEASES OF BLOOD AND DISORDERS INVOLVING IMMUNE MECHANIS	NEO000	NEOPLASMS	-1	INAPPLICABLE	-1	INAPPLICABLE	6	87931.50
BLD001	NUTRITIONAL ANEMIA	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	66	917397.63
BLD003	APLASTIC ANEMIA	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	107	1452015.72
BLD006	COAGULATION AND HEMORRHAGIC DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	40	702159.83
CIR000	DISEASES OF THE CIRCULATORY SYSTEM	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	395	5336268.09
CIR000	DISEASES OF THE CIRCULATORY SYSTEM	FAC000	FACTORS INFLUENCING HEALTH STATUS & CONTACT W/ HEALTH SER	-1	INAPPLICABLE	-1	INAPPLICABLE	80	1057916.69
CIR000	DISEASES OF THE CIRCULATORY SYSTEM	MUS000	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TIS	-1	INAPPLICABLE	-1	INAPPLICABLE	3	74500.42
CIR004	ENDOCARDITIS AND ENDOCARDIAL DISEASE	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	108	1513476.51
CIR007	ESSENTIAL HYPERTENSION	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	4357	61741124.31
CIR009	ACUTE MYOCARDIAL INFARCTION	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	288	3972551.36
CIR011	CORONARY ATHEROSCLEROSIS AND OTHER HEART DISEASE	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	537	7340281.63
CIR011	CORONARY ATHEROSCLEROSIS AND OTHER HEART DISEASE	FAC009	IMPLANT, DEVICE OR GRAFT RELATED ENCOUNTER	-1	INAPPLICABLE	-1	INAPPLICABLE	44	516860.30

CCSR1X VALUE	CCSR1X LABEL	CCSR2X VALUE	CCSR2X LABEL	CCSR3X VALUE	CCSR3X LABEL	CCSR4X VALUE	CCSR4X LABEL	UNWEIGHTED	WEIGHTED BY perwt24f
CIR012	NONSPECIFIC CHEST PAIN	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	143	2026408.90
CIR013	ACUTE PULMONARY EMBOLISM	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	57	938711.49
CIR015	OTHER AND ILL-DEFINED HEART DISEASE	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	161	2295297.21
CIR017	CARDIAC DYSRHYTHMIAS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	597	8018943.95
CIR019	HEART FAILURE	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	146	1830758.68
CIR020	CEREBRAL INFARCTION	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	42	504629.00
CIR026	PERIPHERAL AND VISCERAL VASCULAR DISEASE	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	42	586778.62
CIR030	AORTIC AND PERIPHERAL ARTERIAL EMBOLISM OR THROMBOSIS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	228	3040509.53
CIR031	HYPOTENSION	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	57	662006.31
CIR032	OTHER SPECIFIED AND UNSPECIFIED CIRCULATORY DISEASE	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	54	630483.31
CIR035	VARICOSE VEINS OF LOWER EXTREMITY	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	43	602339.75
CIR039	OTHER SPECIFIED DISEASES OF VEINS AND LYMPHATICS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	47	674864.17
DEN000	DENTAL DISEASES	DIG000	DISEASES OF THE DIGESTIVE SYSTEM	INF000	CERTAIN INFECTIOUS AND PARASITIC DISEASES	-1	INAPPLICABLE	46	755127.14
DEN000	DENTAL DISEASES	DIG000	DISEASES OF THE DIGESTIVE SYSTEM	MUS000	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TIS	-1	INAPPLICABLE	3	100472.52
DEN000	DENTAL DISEASES	FAC000	FACTORS INFLUENCING HEALTH STATUS & CONTACT W/ HEALTH SER	-1	INAPPLICABLE	-1	INAPPLICABLE	18	256479.23
DEN000	DENTAL DISEASES	INJ000	INJURY, POISONING & CERTAIN OTH CONSEQUENCES OF EXTNL CAU	-1	INAPPLICABLE	-1	INAPPLICABLE	22	379924.37
DEN000	DENTAL DISEASES	MUS000	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TIS	-1	INAPPLICABLE	-1	INAPPLICABLE	33	482973.42
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	273	4747808.91

CCSR1X VALUE	CCSR1X LABEL	CCSR2X VALUE	CCSR2X LABEL	CCSR3X VALUE	CCSR3X LABEL	CCSR4X VALUE	CCSR4X LABEL	UNWEIGHTED	WEIGHTED BY perwt24f
DEN001	ANY DENTAL CONDITION INCLUDING TRAUMATIC INJURY	DEN002	NONTRAUMATIC DENTAL CONDITIONS	DIG002	DISORDERS OF TEETH AND GINGIVA	-1	INAPPLICABLE	103	1845236.11
DEN001	ANY DENTAL CONDITION INCLUDING TRAUMATIC INJURY	DEN002	NONTRAUMATIC DENTAL CONDITIONS	DIG003	DISEASES OF MOUTH; EXCLUDING DENTAL	-1	INAPPLICABLE	45	794474.46
DEN001	ANY DENTAL CONDITION INCLUDING TRAUMATIC INJURY	INJ048	OPEN WOUNDS OF HEAD AND NECK, SUBSEQUENT ENCOUNTER	-1	INAPPLICABLE	-1	INAPPLICABLE	43	675279.93
DIG000	DISEASES OF THE DIGESTIVE SYSTEM	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	284	4831948.91
DIG000	DISEASES OF THE DIGESTIVE SYSTEM	INF000	CERTAIN INFECTIOUS AND PARASITIC DISEASES	-1	INAPPLICABLE	-1	INAPPLICABLE	69	981310.49
DIG001	INTESTINAL INFECTION	INF008	VIRAL INFECTION	-1	INAPPLICABLE	-1	INAPPLICABLE	116	2302559.66
DIG004	ESOPHAGEAL DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	1314	19282133.45
DIG005	GASTRODUODENAL ULCER	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	63	983946.85
DIG007	GASTRITIS AND DUODENITIS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	90	1136438.72
DIG008	OTH SPECIFIED & UNSPECIFIED DISORDERS OF STOMACH & DUODEN	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	234	3360805.21
DIG010	ABDOMINAL HERNIA	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	144	1959970.11
DIG011	REGIONAL ENTERITIS AND ULCERATIVE COLITIS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	68	1234924.02
DIG013	DIVERTICULOSIS AND DIVERTICULITIS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	77	1023506.66
DIG014	HEMORRHOIDS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	50	755648.26
DIG017	BILIARY TRACT DISEASE	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	63	1016646.49
DIG019	OTHER SPECIFIED AND UNSPECIFIED LIVER DISEASE	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	115	1839540.48
DIG022	NONINFECTIOUS GASTROENTERITIS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	59	912257.27
DIG025	OTHER SPECIFIED AND UNSPECIFIED GASTROINTESTINAL DISORDER	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	429	6641458.94
EAR000	DISEASES OF THE EAR AND MASTOID PROCESS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	107	1815431.68
EAR001	OTITIS MEDIA	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	396	8017189.91

CCSR1X VALUE	CCSR1X LABEL	CCSR2X VALUE	CCSR2X LABEL	CCSR3X VALUE	CCSR3X LABEL	CCSR4X VALUE	CCSR4X LABEL	UNWEIGHTED	WEIGHTED BY perwt24f
EAR004	HEARING LOSS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	284	4272524.60
EAR006	OTHER SPECIFIED AND UNSPECIFIED DISORDERS OF THE EAR	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	240	3835085.31
END000	ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	109	1815830.48
END000	ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES	EYE000	DISEASES OF THE EYE AND ADNEXA	-1	INAPPLICABLE	-1	INAPPLICABLE	39	541329.76
END000	ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES	GEN000	DISEASES OF THE GENITOURINARY SYSTEM	-1	INAPPLICABLE	-1	INAPPLICABLE	14	202285.35
END000	ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES	SKN000	DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE	-1	INAPPLICABLE	-1	INAPPLICABLE	9	112050.50
END001	THYROID DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	1473	21987112.19
END002	DIABETES MELLITUS WITHOUT COMPLICATION	END005	DIABETES MELLITUS, TYPE 2	-1	INAPPLICABLE	-1	INAPPLICABLE	2026	28984205.07
END003	DIABETES MELLITUS WITH COMPLICATION	END005	DIABETES MELLITUS, TYPE 2	NVS020	OTH NERV SYS DISORDERS (NEITHER HEREDITARY OR DEGENERATIV	-1	INAPPLICABLE	50	579144.54
END007	NUTRITIONAL DEFICIENCIES	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	643	9798366.82
END009	OBESITY	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	129	2245613.33
END010	DISORDERS OF LIPID METABOLISM	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	3667	51513465.51
END011	FLUID AND ELECTROLYTE DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	315	3983941.78
END015	OTHER SPECIFIED AND UNSPECIFIED ENDOCRINE DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	278	4900018.05
END016	OTH SPECIFIED & UNSPEC NUTRITIONAL AND METABOLIC DISORDER	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	198	3184468.30
EXT000	EXTERNAL CAUSES OF MORBIDITY	INJ000	INJURY, POISONING & CERTAIN OTH CONSEQUENCES OF EXTNL CAU	-1	INAPPLICABLE	-1	INAPPLICABLE	29	511229.76
EXT000	EXTERNAL CAUSES OF MORBIDITY	INJ000	INJURY, POISONING & CERTAIN OTH CONSEQUENCES OF EXTNL CAU	MBD000	MENTAL, BEHAVIORAL AND NEURODEVELOPMEN TAL DISORDERS	-1	INAPPLICABLE	1	43824.72
EYE000	DISEASES OF THE EYE AND ADNEXA	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	126	2018669.77

CCSR1X VALUE	CCSR1X LABEL	CCSR2X VALUE	CCSR2X LABEL	CCSR3X VALUE	CCSR3X LABEL	CCSR4X VALUE	CCSR4X LABEL	UNWEIGHTED	WEIGHTED BY perwt24f
EYE000	DISEASES OF THE EYE AND ADNEXA	INF000	CERTAIN INFECTIOUS AND PARASITIC DISEASES	-1	INAPPLICABLE	-1	INAPPLICABLE	1	7826.38
EYE000	DISEASES OF THE EYE AND ADNEXA	INJ000	INJURY, POISONING & CERTAIN OTH CONSEQUENCES OF EXTNL CAU	-1	INAPPLICABLE	-1	INAPPLICABLE	1	23463.55
EYE001	CORNEA AND EXTERNAL DISEASE	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	222	3950464.32
EYE002	CATARACT AND OTHER LENS DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	572	7279278.82
EYE003	GLAUCOMA	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	345	4723195.20
EYE004	UVEITIS AND OCULAR INFLAMMATION	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	58	902087.06
EYE005	RETINAL AND VITREOUS CONDITIONS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	350	4604432.63
EYE008	OCULOFACIAL PLASTICS AND ORBITAL CONDITIONS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	270	3667103.73
EYE009	REFRACTIVE ERROR	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	295	5785183.58
EYE010	BLINDNESS AND VISION DEFECTS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	255	4077697.76
EYE012	OTHER SPECIFIED EYE DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	190	2824265.87
FAC000	FACTORS INFLUENCING HEALTH STATUS & CONTACT W/ HEALTH SER	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	292	5372970.17
FAC003	ENCTR FOR OBS, EXAM COND R/O, EXCL INFECT DIS, NPL, MENT	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	236	3512645.80
FAC005	ENCOUNTER FOR PROPHYLACTIC MEASURES (EXCLUDES IMMUNIZATIO	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	129	1708428.95
FAC008	NEOPLASM-RELATED ENCOUNTERS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	274	4000157.05
FAC009	IMPLANT, DEVICE OR GRAFT RELATED ENCOUNTER	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	332	4865130.09
FAC010	OTHER AFTERCARE ENCOUNTER	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	161	2237348.39
FAC012	OTHER SPECIFIED ENCOUNTERS AND COUNSELING	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	572	9168201.53

CCSR1X VALUE	CCSR1X LABEL	CCSR2X VALUE	CCSR2X LABEL	CCSR3X VALUE	CCSR3X LABEL	CCSR4X VALUE	CCSR4X LABEL	UNWEIGHTED	WEIGHTED BY perwt24f
FAC013	CONTRACEPTIVE AND PROCREATIVE MANAGEMENT	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	269	6030842.30
FAC014	MEDICAL EXAMINATION /EVALUATION	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	454	7494368.81
FAC016	EXPOSURE, ENCTR, SCREENING OR CONTACT W/ INFECTIOUS DISEA	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	387	6348720.49
FAC019	SOCIOECONOMIC /PSYCHOSOCIAL FACTORS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	85	1709437.98
FAC020	LIFESTYLE/LIFE MANAGEMENT FACTORS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	57	806437.95
FAC022	ACQUIRED ABSENCE OF LIMB OR ORGAN	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	56	782840.67
FAC025	OTHER SPECIFIED STATUS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	556	8338622.70
GEN000	DISEASES OF THE GENITOURINARY SYSTEM	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	447	7537806.81
GEN000	DISEASES OF THE GENITOURINARY SYSTEM	INF000	CERTAIN INFECTIOUS AND PARASITIC DISEASES	-1	INAPPLICABLE	-1	INAPPLICABLE	7	125370.94
GEN002	ACUTE AND UNSPECIFIED RENAL FAILURE	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	66	816288.33
GEN004	URINARY TRACT INFECTIONS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	575	8825390.32
GEN005	CALCULUS OF URINARY TRACT	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	157	2398252.20
GEN006	OTH SPECIFIED AND UNSPECIFIED DISEASES OF KIDNEY AND URET	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	214	2849609.30
GEN007	OTH SPECIFIED & UNSPECIFIED DISEASES OF BLADDER AND URETH	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	151	1905604.43
GEN008	URINARY INCONTINENCE	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	132	1659586.90
GEN012	HYPERPLASIA OF PROSTATE	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	316	4432945.97
GEN014	ERECTILE DYSFUNCTION	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	83	1325085.15
GEN016	OTHER SPECIFIED MALE GENITAL DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	94	1351309.68
GEN017	NONMALIGNANT BREAST CONDITIONS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	137	2481721.49

CCSR1X VALUE	CCSR1X LABEL	CCSR2X VALUE	CCSR2X LABEL	CCSR3X VALUE	CCSR3X LABEL	CCSR4X VALUE	CCSR4X LABEL	UNWEIGHTED	WEIGHTED BY perwt24f
GEN018	INFLAMMATORY DISEASES OF FEMALE PELVIC ORGANS	GEN025	OTHER SPECIFIED FEMALE GENITAL DISORDERS	INF004	FUNGAL INFECTIONS	-1	INAPPLICABLE	53	973858.56
GEN020	PROLAPSE OF FEMALE GENITAL ORGANS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	66	1041855.68
GEN021	MENSTRUAL DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	79	1826087.18
GEN022	BENIGN OVARIAN CYST	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	46	785506.29
GEN025	OTHER SPECIFIED FEMALE GENITAL DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	125	2043873.98
INF000	CERTAIN INFECTIOUS AND PARASITIC DISEASES	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	253	4006552.86
INF000	CERTAIN INFECTIOUS AND PARASITIC DISEASES	MUS000	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TIS	-1	INAPPLICABLE	-1	INAPPLICABLE	5	49265.66
INF000	CERTAIN INFECTIOUS AND PARASITIC DISEASES	NVS000	DISEASES OF THE NERVOUS SYSTEM	-1	INAPPLICABLE	-1	INAPPLICABLE	1	12709.05
INF000	CERTAIN INFECTIOUS AND PARASITIC DISEASES	RSP000	DISEASES OF THE RESPIRATORY SYSTEM	-1	INAPPLICABLE	-1	INAPPLICABLE	9	110556.50
INF000	CERTAIN INFECTIOUS AND PARASITIC DISEASES	SKN000	DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE	-1	INAPPLICABLE	-1	INAPPLICABLE	3	67364.41
INF003	BACTERIAL INFECTIONS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	85	1388127.46
INF003	BACTERIAL INFECTIONS	RSP006	OTHER SPECIFIED UPPER RESPIRATORY INFECTIONS	-1	INAPPLICABLE	-1	INAPPLICABLE	312	6199730.74
INF004	FUNGAL INFECTIONS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	135	2032911.40
INF006	HIV INFECTION	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	41	519624.86
INF008	VIRAL INFECTION	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	244	4502467.33
INF008	VIRAL INFECTION	SKN007	OTHER SPECIFIED AND UNSPECIFIED SKIN DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	80	1437910.43
INF009	PARASITIC, OTHER SPECIFIED AND UNSPECIFIED INFECTIONS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	55	706700.84
INF012	CORONAVIRUS DISEASE - 2019 (COVID-19)	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	637	10056822.85
INJ000	INJURY, POISONING & CERTAIN OTH CONSEQUENCES OF EXTNL CAU	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	419	6791716.55

CCSR1X VALUE	CCSR1X LABEL	CCSR2X VALUE	CCSR2X LABEL	CCSR3X VALUE	CCSR3X LABEL	CCSR4X VALUE	CCSR4X LABEL	UNWEIGHTED	WEIGHTED BY perwt24f
INJ000	INJURY, POISONING & CERTAIN OTH CONSEQUENCES OF EXTNL CAU	MBD000	MENTAL, BEHAVIORAL AND NEURODEVELOPMEN TAL DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	7	133065.56
INJ000	INJURY, POISONING & CERTAIN OTH CONSEQUENCES OF EXTNL CAU	NVS000	DISEASES OF THE NERVOUS SYSTEM	-1	INAPPLICABLE	-1	INAPPLICABLE	4	47788.82
INJ000	INJURY, POISONING & CERTAIN OTH CONSEQUENCES OF EXTNL CAU	PRG000	PREGNANCY, CHILDBIRTH AND THE PUERPERIUM	-1	INAPPLICABLE	-1	INAPPLICABLE	1	20060.22
INJ000	INJURY, POISONING & CERTAIN OTH CONSEQUENCES OF EXTNL CAU	SKN000	DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE	-1	INAPPLICABLE	-1	INAPPLICABLE	47	776785.04
INJ031	ALLERGIC REACTIONS	RSP007	OTHER SPECIFIED AND UNSPECIFIED UPPER RESPIRATORY DISEASE	-1	INAPPLICABLE	-1	INAPPLICABLE	918	13729624.20
INJ031	ALLERGIC REACTIONS	SKN005	CONTACT DERMATITIS	-1	INAPPLICABLE	-1	INAPPLICABLE	97	1791850.62
INJ031	ALLERGIC REACTIONS	SKN007	OTHER SPECIFIED AND UNSPECIFIED SKIN DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	225	4018332.26
INJ039	FRACTURE OF THE SPINE AND BACK, SUBSEQUENT ENCOUNTER	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	40	551635.67
INJ041	FRACTURE OF THE UPPER LIMB, SUBSEQUENT ENCOUNTER	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	144	2406738.96
INJ042	FRACTURE OF LOWER LIMB (EXCEPT HIP), SUBSEQUENT ENCOUNTER	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	149	2371144.91
INJ045	TRAUMATIC BRAIN INJURY (TBI); CONCUSSION, SUBSEQUENT ENCT	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	73	1148919.68
INJ049	OPEN WOUNDS TO LIMBS, SUBSEQUENT ENCOUNTER	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	56	822743.14
INJ060	TOXIC EFFECTS, SUBSEQUENT ENCOUNTER	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	71	1138603.22
INJ061	SPRAINS AND STRAINS, SUBSEQUENT ENCOUNTER	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	364	6067612.72
INJ064	OTHER UNSPECIFIED INJURIES, SUBSEQUENT ENCOUNTER	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	858	13771110.91
INJ067	ALLERGIC REACTIONS, SUBSEQUENT ENCOUNTER	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	297	4963077.41

CCSR1X VALUE	CCSR1X LABEL	CCSR2X VALUE	CCSR2X LABEL	CCSR3X VALUE	CCSR3X LABEL	CCSR4X VALUE	CCSR4X LABEL	UNWEIGHTED	WEIGHTED BY perwt24f
INJ072	COMPLC OF OTHER SURGICAL/MEDICAL CARE, INJURY, SUBSEQ ENC	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	45	709473.29
MAL000	CONGENITAL MALFORMATIONS, DEFORMATIONS & CHROMOSOMAL ABNO	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	115	2308745.44
MBD000	MENTAL, BEHAVIORAL AND NEURODEVELOPMEN TAL DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	321	5849305.02
MBD000	MENTAL, BEHAVIORAL AND NEURODEVELOPMEN TAL DISORDERS	PRG000	PREGNANCY, CHILDBIRTH AND THE PUERPERIUM	-1	INAPPLICABLE	-1	INAPPLICABLE	22	468962.00
MBD001	SCHIZOPHRENIA SPECTRUM AND OTHER PSYCHOTIC DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	47	584602.53
MBD002	DEPRESSIVE DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	1649	27393709.13
MBD003	BIPOLAR AND RELATED DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	203	3265301.02
MBD004	OTHER SPECIFIED AND UNSPECIFIED MOOD DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	89	1420070.16
MBD005	ANXIETY AND FEAR-RELATED DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	1957	34186403.14
MBD006	OBSESSIVE -COMPULSIVE AND RELATED DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	59	1155530.54
MBD007	TRAUMA- AND STRESSOR-RELATED DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	396	6973866.38
MBD013	MISCELLANEOUS MENTAL AND BEHAVIORAL DISORDERS /CONDITIONS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	348	6492536.35
MBD014	NEURODEVELOPMEN TAL DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	887	17629619.99
MUS000	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TIS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	344	5474818.72
MUS000	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TIS	SKN000	DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE	-1	INAPPLICABLE	-1	INAPPLICABLE	29	561827.61
MUS003	RHEUMATOID ARTHRITIS AND RELATED DISEASE	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	321	3939556.01
MUS006	OSTEOARTHRITIS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	1313	17924529.73

CCSR1X VALUE	CCSR1X LABEL	CCSR2X VALUE	CCSR2X LABEL	CCSR3X VALUE	CCSR3X LABEL	CCSR4X VALUE	CCSR4X LABEL	UNWEIGHTED	WEIGHTED BY perwt24f
MUS007	OTHER SPECIFIED JOINT DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	210	3008700.47
MUS009	TENDON AND SYNOVIAL DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	288	4288191.13
MUS010	MUSCULOSKELETAL PAIN, NOT LOW BACK PAIN	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	2685	40943271.84
MUS011	SPONDYLOPATHIES /SPONDYLOARTHROP ATHY (INCLUDING INFECTIVE)	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	659	9514683.82
MUS011	SPONDYLOPATHIES /SPONDYLOARTHROP ATHY (INCLUDING INFECTIVE)	MUS038	LOW BACK PAIN	-1	INAPPLICABLE	-1	INAPPLICABLE	417	6097939.41
MUS013	OSTEOPOROSIS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	222	2881356.14
MUS021	ACQUIRED FOOT DEFORMITIES	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	65	960293.98
MUS022	SCOLIOSIS AND OTHER POSTURAL DORSOPATHIC DEFORMITIES	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	67	1097303.62
MUS024	SYSTEMIC LUPUS ERYTHEMATOSUS AND CONNECTIVE TISSUE DISORD	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	113	1767179.04
MUS025	OTHER SPECIFIED CONNECTIVE TISSUE DISEASE	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	587	8456775.11
MUS026	MUSCLE DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	130	1991566.30
MUS028	OTHER SPECIFIED BONE DISEASE AND MUSCULOSKELETAL DEFORMIT	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	279	4020113.69
MUS033	GOUT	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	262	3539487.47
MUS038	LOW BACK PAIN	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	379	5746609.75
NEO000	NEOPLASMS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	355	5261561.05
NEO000	NEOPLASMS	NVS000	DISEASES OF THE NERVOUS SYSTEM	-1	INAPPLICABLE	-1	INAPPLICABLE	2	27820.27
NEO022	RESPIRATORY CANCERS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	45	569597.04
NEO025	SKIN CANCERS - MELANOMA	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	149	2094294.08
NEO026	SKIN CANCERS - BASAL CELL CARCINOMA	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	99	1356066.42

CCSR1X VALUE	CCSR1X LABEL	CCSR2X VALUE	CCSR2X LABEL	CCSR3X VALUE	CCSR3X LABEL	CCSR4X VALUE	CCSR4X LABEL	UNWEIGHTED	WEIGHTED BY perwt24f
NEO027	SKIN CANCERS - SQUAMOUS CELL CARCINOMA	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	53	814946.16
NEO028	SKIN CANCERS - ALL OTHER TYPES	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	429	6301098.64
NEO030	BREAST CANCER - ALL OTHER TYPES	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	196	2719565.53
NEO039	MALE REPRODUCTIVE SYSTEM CANCERS - PROSTATE	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	182	2465915.58
NEO050	ENDOCRINE SYSTEM CANCERS - THYROID	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	55	819515.92
NEO064	LEUKEMIA - ALL OTHER TYPES	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	40	487067.31
NEO072	NEOPLASMS OF UNSPECIFIED NATURE OR UNCERTAIN BEHAVIOR	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	163	2161083.08
NEO073	BENIGN NEOPLASMS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	282	4567344.73
NVS000	DISEASES OF THE NERVOUS SYSTEM	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	187	2875465.04
NVS000	DISEASES OF THE NERVOUS SYSTEM	SYM000	SYMPTOMS, SIGNS AND ABNORMAL CLINICAL & LAB FINDINGS, NEC	-1	INAPPLICABLE	-1	INAPPLICABLE	1	16076.24
NVS004	PARKINSON`S DISEASE	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	62	637710.82
NVS005	MULTIPLE SCLEROSIS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	50	839734.36
NVS006	OTHER NERV SYS DISORDERS (OFTEN HEREDITARY OR DEGENERATIV	NVS016	SLEEP WAKE DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	124	1756518.33
NVS009	EPILEPSY; CONVULSIONS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	175	2555220.91
NVS010	HEADACHE; INCLUDING MIGRAINE	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	389	6538388.37
NVS010	HEADACHE; INCLUDING MIGRAINE	SYM010	NERVOUS SYSTEM SIGNS AND SYMPTOMS	-1	INAPPLICABLE	-1	INAPPLICABLE	147	2250137.19
NVS011	NEUROCOGNITIVE DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	79	1016387.89
NVS012	TRANSIENT CEREBRAL ISCHEMIA	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	230	3029377.18
NVS015	POLYNEUROPATHIES	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	282	3809475.57
NVS016	SLEEP WAKE DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	1201	18206528.65

CCSR1X VALUE	CCSR1X LABEL	CCSR2X VALUE	CCSR2X LABEL	CCSR3X VALUE	CCSR3X LABEL	CCSR4X VALUE	CCSR4X LABEL	UNWEIGHTED	WEIGHTED BY perwt24f
NVS017	NERVE AND NERVE ROOT DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	246	3397128.41
NVS019	NERVOUS SYSTEM PAIN AND PAIN SYNDROMES	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	301	4693906.89
NVS020	OTH NERV SYS DISORDERS (NEITHER HEREDITARY OR DEGENERATIV	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	55	941960.67
PNL000	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	13	212354.67
PNL001	LIVEBORN	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	42	963325.80
PRG000	PREGNANCY, CHILDBIRTH AND THE PUERPERIUM	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	116	2287866.75
PRG029	UNCOMPLICATED PREGNANCY, DELIVERY OR PUERPERIUM	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	190	3900588.71
RSP000	DISEASES OF THE RESPIRATORY SYSTEM	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	119	1986248.26
RSP001	SINUSITIS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	428	7105378.59
RSP002	PNEUMONIA (EXCEPT THAT CAUSED BY TUBERCULOSIS)	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	275	4299767.53
RSP003	INFLUENZA	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	274	5071178.96
RSP004	ACUTE AND CHRONIC TONSILLITIS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	52	1014250.32
RSP005	ACUTE BRONCHITIS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	206	3511497.38
RSP006	OTHER SPECIFIED UPPER RESPIRATORY INFECTIONS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	458	8330133.15
RSP007	OTHER SPECIFIED AND UNSPECIFIED UPPER RESPIRATORY DISEASE	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	223	3597137.63
RSP008	CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND BRONCHIECTASIS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	380	4744758.84
RSP009	ASTHMA	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	1247	19410818.09
RSP016	OTHER SPECIFIED AND UNSPECIFIED LOWER RESPIRATORY DISEASE	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	195	3388232.21

CCSR1X VALUE	CCSR1X LABEL	CCSR2X VALUE	CCSR2X LABEL	CCSR3X VALUE	CCSR3X LABEL	CCSR4X VALUE	CCSR4X LABEL	UNWEIGHTED	WEIGHTED BY perwt24f
SKN000	DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	73	1338672.43
SKN001	SKIN AND SUBCUTANEOUS TISSUE INFECTIONS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	262	4438965.44
SKN002	OTHER SPECIFIED INFLAMMATORY CONDITION OF SKIN	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	494	8672619.87
SKN007	OTHER SPECIFIED AND UNSPECIFIED SKIN DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	1030	16107081.15
SYM000	SYMPTOMS, SIGNS AND ABNORMAL CLINICAL & LAB FINDINGS, NEC	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	282	4723315.57
SYM002	FEVER	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	100	1847284.05
SYM004	NAUSEA AND VOMITING	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	285	4652634.65
SYM006	ABDOMINAL PAIN & OTHER DIGESTIVE/ABDOMEN SIGNS AND SYMPTO	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	549	8214568.62
SYM007	MALAISE AND FATIGUE	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	77	1055280.23
SYM008	SYMPTOMS OF MENTAL AND SUBSTANCE USE CONDITIONS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	57	894612.00
SYM010	NERVOUS SYSTEM SIGNS AND SYMPTOMS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	375	5323283.32
SYM011	GENITOURINARY SIGNS AND SYMPTOMS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	158	2236632.41
SYM012	CIRCULATORY SIGNS AND SYMPTOMS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	308	4265160.86
SYM013	RESPIRATORY SIGNS AND SYMPTOMS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	599	8859727.00
SYM014	SKIN /SUBCUTANEOUS SIGNS AND SYMPTOMS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	362	5740557.10
SYM015	GENERAL SENSATION /PERCEPTION SIGNS AND SYMPTOMS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	229	2994045.36
SYM016	OTHER GENERAL SIGNS AND SYMPTOMS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	764	10952550.36
SYM017	ABNORMAL FINDINGS WITHOUT DIAGNOSIS	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	306	4584335.13

CCSR1X VALUE	CCSR1X LABEL	CCSR2X VALUE	CCSR2X LABEL	CCSR3X VALUE	CCSR3X LABEL	CCSR4X VALUE	CCSR4X LABEL	UNWEIGHTED	WEIGHTED BY perwt24f
SYM018	PREDIABETES	-1	INAPPLICABLE	-1	INAPPLICABLE	-1	INAPPLICABLE	249	4064411.59
								67705	1041621279.95