MEPS HC-222
2020 Medical Conditions

October 2022

Due to the COVID-19 pandemic, changes were made to the 2020 MEPS data collection that analysts should keep in mind when doing trend analysis and pooling years of data. 1) The MEPS moved primarily to a phone rather than in-person survey. 2) Panels 23 and 24 were extended to nine rounds (four years) of data collection as opposed to the historical five rounds (two years). Because of the unforeseeable nature of the pandemic, data collection for 2020 included Round 5 interviews for Panel 23 that were fielded under the assumption that that interview would be the panel's last interview. Researchers using variables related to the first interview of the calendar year should read the documentation for their specific variables to understand the sources of the values for Panel 23.

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A.   Data Use Agreement

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

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

1.   No one is to use the data in this data set in any way except for statistical reporting and analysis; and

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

3.   No one will attempt to link this data set with individually identifiable records from any data sets other than the Medical Expenditure Panel Survey or the National Health Interview Survey. Furthermore, linkage of the Medical Expenditure Panel Survey and the National Health Interview Survey may not occur outside the AHRQ Data Center, NCHS Research Data Center (RDC) or the U.S. Census RDC network.

By using these data you signify your agreement to comply with the above stated statutorily based requirements with the knowledge that deliberately making a false statement in any matter within the jurisdiction of any department or agency of the Federal Government violates Title 18 part 1 Chapter 47 Section 1001 and is punishable by a fine of up to $10,000 or up to 5 years in prison.

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

B.   Background

1.0   Household Component

The Medical Expenditure Panel Survey (MEPS) provides nationally representative estimates of health care use, expenditures, sources of payment, and health insurance coverage for the U.S. civilian noninstitutionalized population. The MEPS Household Component (HC) also provides estimates of respondents' health status, demographic and socio-economic characteristics, employment, access to care, and satisfaction with health care. Estimates can be produced for individuals, families, and selected population subgroups. The panel design of the survey, which includes 5 Rounds of interviews covering 2 full calendar years and two additional rounds in 2020 covering a third year to compensate for the smaller number of completed interviews in Panel 25, provides data for examining person level changes in selected variables such as expenditures, health insurance coverage, and health status. Using computer assisted personal interviewing (CAPI) technology, information about each household member is collected, and the survey builds on this information from interview to interview. All data for a sampled household are reported by a single household respondent.

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

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

2.0   Medical Provider Component

Upon completion of the household CAPI interview and obtaining permission from the household survey respondents, a sample of medical providers are contacted by telephone to obtain information that household respondents cannot accurately provide. This part of the MEPS is called the Medical Provider Component (MPC) and information is collected on dates of visits, diagnosis and procedure codes, charges and payments. The Pharmacy Component (PC), a subcomponent of the MPC, does not collect charges or diagnosis and procedure codes but does collect drug detail information, including National Drug Code (NDC) and medicine name, as well as amounts of payment. The MPC is not designed to yield national estimates. It is primarily used as an imputation source to supplement/replace household reported expenditure information.

3.0   Survey Management and Data Collection

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

As soon as data collection and editing are completed, the MEPS survey data are released to the public in staged releases of micro data files and tables via the MEPS website.

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

C.   Technical and Programming Information

1.0   General Information

This documentation describes the data contained in MEPS Public Use Release HC-222, which is one in a series of public use data files to be released from the 2020 Medical Expenditure Panel Survey Household Component (MEPS HC). Released as an ASCII file (with related SAS, SPSS, R, and Stata programming statements and data user information), and a SAS data set, SAS transport file, Stata data set, and Excel file, this public use file provides information on household-reported medical conditions collected on a nationally representative sample of the civilian noninstitutionalized population of the United States for calendar year 2020 MEPS HC. The file contains 30 variables and has a logical record length of 111 with an additional 2-byte carriage return/line feed at the end of each record.

This documentation offers a brief overview of the types and levels of data provided and the content and structure of the files. It contains the following sections:

- Data File Information

- Survey Sample Information

- Merging/Linking MEPS Data Files

- Variable-Source Crosswalk

- Appendices

    ICD10CDX and CCSR Condition Code Frequencies

    List of Conditions Asked in Priority Conditions Enumeration Section

A codebook of all the variables included in the 2020 Medical Conditions File 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 on this file is available on the MEPS website.

2.0   Data File Information

This file contains 80,802 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 2020. 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 ask 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 file.

Full year (FY) 2020 is the first data year to include three panels of data; Panel 23 was extended to include Rounds 6 and 7.

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

Person-level data (e.g., demographic or health insurance characteristics) from the 2020 MEPS full-year consolidated file (HC-224) can be merged to the records in this file using DUPERSID (see Section 4.0 for details). Since each record represents a single condition reported by a household respondent, some household members may have multiple medical conditions and thus will be represented by multiple records on this file. Other household members may have had no reported medical conditions and thus will have no records on this file. Still other household members may have had a reported medical condition that did not meet the criteria above and thus will have no records on this file. Data from this file also can be merged to 2020 MEPS Event Files (HC-220A, and HC-220D through HC-220H) by using the link files provided in HC-220I. (See HC-220I documentation for details.)

2.1   Codebook Structure

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

- Unique person identifiers

- Unique condition identifiers

- Medical condition variables

- Utilization variables

- Weight and variance estimation variables

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

2.2   Reserved Codes

The following reserved code values are used:

Value	Definition
-1 INAPPLICABLE	Question was not asked due to skip pattern
-7 REFUSED	Question was asked and respondent refused to answer question

Value	Definition
-8 DK	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 -15 (CANNOT BE COMPUTED) is assigned to MEPS constructed variables in cases where there is not enough information from the MEPS instrument to calculate the constructed variables. "Not enough information" is often the result of skip patterns in the data or from missing information resulting from MEPS responses of -7 (REFUSED) or -8 (DK). Note that reserved code -8 includes cases where the information from the question was "not ascertained" or where the respondent chose "don't know".

2.3 Codebook Format

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

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

2.4 Variable Naming

In general, variable names reflect the content of the variable, with an 8-character limitation. Edited variables end in an "X" and are so noted in the variable label. (CONDIDX, which is an encrypted identifier variable, also ends in an "X".)

As variable collection, universe, or categories are altered, the variable name will be appended with "_Myy" to indicate in which year the alterations took place. Details about these alterations can be found throughout this document.

Variables contained in this delivery were derived either from the questionnaire itself or from the CAPI. The source of each variable is identified in Section D, Variable-Source Crosswalk. Sources for each variable are indicated in one of three ways: (1) variables derived from CAPI or assigned in sampling are so indicated; (2) variables collected at one or more specific questions have those numbers and questionnaire sections indicated in the "SOURCE" column; and (3)

variables constructed from multiple questions using complex algorithms are labeled "Constructed" in the "SOURCE" column.

2.5   File Contents

2.5.1   Identifier Variables (DUID-CONDRN)

The definitions of Dwelling Units (DUs) in the MEPS HC are generally consistent with the definitions employed for the National Health Interview Survey (NHIS). The Dwelling Unit ID (DUID) is a seven-digit ID number consisting of a 2-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. IDs begin with a 2-digit panel number.

CONDN is the condition number and uniquely identifies each condition reported for an individual. The range on this file for CONDN is 1-65. A CONDN beginning with "9" reflects a condition that was added during the editing process.

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

PANEL is a constructed variable used to specify the panel number for the interview in which the condition was reported. PANEL will indicate Panel 23, Panel 24, or Panel 25. The panel number is included as the first two digits of the DUID and DUPERSID.

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

2.5.2   Medical Condition Variables (AGEDIAG-ICD10CDX)

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

Priority Conditions and Injuries

Certain conditions were *a priori* designated as "priority conditions" due to their prevalence, expense, or relevance to policy. Some of these are long-term, life-threatening conditions, such as cancer, diabetes, emphysema, high cholesterol, hypertension, ischemic heart disease, and stroke.

Others are chronic, manageable conditions, including arthritis and asthma. The only mental health condition on the priority conditions list is attention deficit hyperactivity disorder/attention deficit disorder. See Appendix 2 for a full list of the priority conditions.

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.

Age Priority Condition Began

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

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

Follow-up Questions for Injuries

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

Sources for Conditions on the MEPS Conditions File

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

Treatment of Data from Rounds Not Occurring in 2020

Prior to the 2008 file, priority conditions reported during Rounds 1 and 2 of the second year panel were included on the file even if the conditions were not related to an event or reported as a serious condition occurring in the second year of the panel. Beginning in 2008, priority conditions are included on the file 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 23 Rounds 3, 4, and 5 as well as Panel 24 Rounds 1, 2, and 3 that are not included in the 2020 file may be available in the 2019 Medical Conditions File if the person had a positive person or family weight in 2019.

Note: Priority conditions are generally chronic conditions. Even though a person may not have reported an event in 2020 due to the condition, analysts should consider that the person may still be experiencing the condition. If a Panel 24 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 2020 Medical Conditions File. Similarly, if a Panel 23 person reported a priority condition in Round 1, 2, 3, 4, or 5 and did not have an event for the condition in Round 6 or 7, the condition will not be included on the 2020 Medical Conditions File.

Rounds in Which Conditions Were Reported/Selected (CRND1 - CRND7)

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 - CRND7). The condition may be reported or selected when the person reports an event that occurred due to the condition. For example, consider a condition for which CRND1 = 0, CRND2 = 1, and CRND3 = 1. For non-priority conditions (conditions not asked in the PE section), this sequence of indicators on a condition record implies that the condition was not present during Round 1 (CRND1 = 0), was first mentioned during Round 2 (CRND2 = 1, CONDRN = 2), and was selected again during Round 3 (CRND3 = 1). For priority conditions, this sequence of indicators implies that the condition was reported in the PE section in Round 1 (CONDRN = 1, CRND1 = 0) but was not connected with an event until Rounds 2 and 3 (CRND2 = 1, CRND3 = 1). Because priority conditions are asked in the context of "has person ever been told by a doctor or other health care professional that they have (condition)?" except joint pain and chronic bronchitis, which ask only about the last 12 months, a priority condition might not be selected in the round in which it was first reported. For Panel 23 records, a condition is current if there is an event linked to a condition in Round 6 or the 2020 portion of Round 7. For Panel 24 records, a condition is current if there is an event linked to a condition in the 2020 portion of Rounds 3 or 5, or in Round 4. For Panel 25 records, a condition is current if there is an event linked to a condition in Rounds 1 or 2, or in the 2020 portion of Round 3.

Diagnosis Codes

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

Coders followed specific guidelines in coding missing values to the ICD-10-CM diagnosis condition variable when a verbatim text string could not be matched to an ICD-10-CM code through the pick-list. ICD10CDX was coded -15 (Cannot be Computed) where the verbatim text

fell into one of three categories: (1) the text indicated that the condition was unknown (e.g., DK); (2) the text indicated the condition could not be diagnosed by a doctor (e.g., doctor doesn't know); or (3) the specified condition was not codable. If the text indicated a procedure and the condition associated with the procedure could be discerned from the text, the condition itself is coded. For example, "cataract surgery" is coded as the condition "other cataract" (ICD10CDX is set to code "H26"). If the condition could not be discerned (e.g. "outpatient surgery"), ICD10CDX is set to -15.

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

For confidentiality purposes, approximately 4% of ICD-10-CM codes were recoded to -15 (Cannot be Computed) for conditions where the frequency was less than 20 for the total unweighted population in the file or less than 200,000 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 -15 (Cannot be Computed) if they denoted a pregnancy for a person younger than 16 or older than 44. Less than one-tenth of 1 percent of records were recoded in this manner on the 2020 Medical Conditions file. The person's age was determined by linking the 2020 Medical Conditions file to the 2019 and 2020 Population Characteristics File. If the person's age is under 16 or over 44 in the round in which the condition was reported, the appropriate condition code was recoded to -15 (Cannot be Computed).

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 Public Use File (HC-220D).

Each year, a few conditions on the final file may fall below the confidentiality threshold. This is due to the multistage file development process. The confidentiality recoding is performed on the preliminary version of the Conditions file each year. This preliminary version is used in the development of other event PUFs and, in turn, these event PUFs are used in the development of the final Conditions file. During this process, some records from the preliminary file are dropped because only records that are relevant to the current data year are reflected in the final Conditions PUF.

Conditions file data can be merged with the 2020 MEPS Event Files using the 2020 MEPS Condition-Event Linking file (HC-220I). Because the conditions have been collapsed to 3-digit diagnosis code categories rather than the fully-specified ICD-10-CM code, it is possible for there

to be duplicate ICD-10-CM condition codes linked to a single medical event when different fully-specified conditions are coded to the same 3-digit code.

Conditions were reported in several sections of the HC questionnaire (see Variable-Source Crosswalk in Section D). Labels for all values of ICD10CDX, as shown in Table 1 of Appendix 1, are provided in the SAS programming statements included in this release (see the H222SU.TXT file).

Clinical Classification Software Refined

Clinical Classification Software Refined (CCSR) 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 three CCSR categories (CCSR1X, CCSR2X, CCSR3X) using the v2021.3 release of the CCSR for ICD-10-CM diagnoses. The CCSR categories 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, less than 2% of the CCSR categories were collapsed into a broader code for the appropriate body system where the frequency was less than 20 for the total unweighted population in the file or less than 200,000 for the weighted population. For example, BLD001 (Nutritional Anemia), may be recoded to BLD000 (Disease of Blood and Disorders Involving Immune Mechanism), thus revealing only the body system. Less than 1% of CCSR codes were recoded to -15 (Cannot be Computed) based on frequencies of ICD10CDX and CCSR pairs.

Table 2 in Appendix 1 provides unweighted and weighted frequencies for CCSR combinations reported on the file.

2.5.3   Utilization Variables (OBNUM - RXNUM)

The variables OBNUM, OPNUM, HHNUM, IPNUM and ERNUM indicate the total number of 2020 events that can be linked to each condition record on the current file, i.e., office-based, outpatient, home health, inpatient hospital stays and emergency room visits. Note that the HHNUM variable includes all home health types, including informal care. The variable RXNUM is a count of distinct prescribed medicines, i.e., not refills, in a round linked to a given condition.

These counts of events were derived from Expenditure Event Public Use Files (HC-220G, HC-220F, HC-220H, HC-220D, HC-220E, and HC-220A). Events associated with conditions include all utilization that occurred between January 1, 2020 and December 31, 2020.

Because persons can be seen for more than one condition per visit, these frequencies will not match the person- or event-level utilization counts. For example, if a person had one inpatient hospital stay and was treated for a fractured hip, a fractured shoulder, and a concussion, each of these conditions has a unique record in this file and IPNUM=1 for each record. By summing IPNUM for these records, the total inpatient hospital stays would be three when actually there

was only one inpatient hospital stay for that person and three conditions were treated. These variables are useful for determining the number of inpatient hospital stays associated with a particular condition.

3.0 Survey Sample Information

3.1 Discussion of Pandemic Effects on Quality of 2020 MEPS Data

3.1.1 Summary

Data collection for in-person sample surveys in 2020 presented real challenges after the onset of the COVID-19 pandemic at a national level in mid-March of that year. After major modifications to the standard MEPS study design, it was possible to collect data safely, but there were naturally concerns about the quality of the data after such modifications. Some issues related to data quality were identified and are discussed below. As with most in-person surveys conducted in 2020, researchers are counseled to take care in the interpretation of 2020 estimates including the comparison of such estimates with those of other years.

3.1.2 Overview

The onset of the COVID-19 pandemic in 2020 had a major impact on the MEPS Household Component (MEPS-HC) as it did for most major federal surveys and, of course, American life generally. The following discussion describes 1) the general impact of the pandemic on three major federal surveys (the effects on two of which also affect MEPS); 2) modifications to the MEPS sample design and field operations in 2020 due to the pandemic; and 3) potential data quality issues in the FY 2020 MEPS data related to the COVID-19 pandemic.

3.1.3 The Impact of the Pandemic on some Major Federal Surveys

Many important federal surveys were collecting data when much of the nation shut down in the face of the pandemic in March 2020. Among them were the Current Population Survey (CPS), the American Community Survey (ACS), and the National Health Interview Survey (NHIS). The ACS and the NHIS field new samples each year. The CPS includes rotating panels, meaning some of the sampled households fielded had participated in prior years while others were fresh. Two of these surveys have important roles in MEPS. Estimates of CPS subgroups serve as benchmarks for the MEPS weighting process (referred to below as "raking control totals") while households fielded for Round 1 of MEPS in each year are selected as a subsample of the NHIS responding households from the prior year.

Because data collection in 2020 occurred under such unusual circumstances, all three of these surveys have reported bias concerns. (In fact, the ACS decided not to release a standard database for 2020 due to the uncertain quality of the data, while the CPS and the NHIS released data but included reports discussing concerns about bias.) All three surveys have reported evidence of

nonresponse bias, specifically, that households in higher socio-economic levels were relatively more likely to respond and the sample weighting was unable to fully compensate for this. As a result, analysts have been cautioned about the accuracy of survey estimates and the ability to compare resulting estimates with estimates obtained in the years prior to the pandemic.

The quality of CPS data is of particular importance to Full Year 2020 MEPS PUFs as CPS estimates serve as the control totals for the raking component of the MEPS weighting process. These control totals are based on the following demographic variables: age, sex, race/ethnicity, region, MSA status, educational attainment, and poverty status. The CPS estimates used in the development of the FY 2020 MEPS PUF weights that were based on the variables age, sex, race/ethnicity, region, and MSA status were evaluated by the Census Bureau and determined to be of high quality. However, similar evaluations of the corresponding CPS estimates associated with educational attainment and poverty status found that these estimates suffered from bias.

A set of references discussing the fielding of these three surveys during the pandemic and resulting bias concerns can be found in the References section of this document.

3.1.4 Modifications to the MEPS-HC 2020 Sample Design and Implementation Effort in Response to the Pandemic

For the MEPS-HC, face-to-face interviewing ceased due to the COVID-19 pandemic on March 17, 2020. At that time, there were two MEPS panels in the field for which 2020 data were being collected: Round 1 of Panel 25 and Round 3 of Panel 24. The sampled households for Panel 25 were being contacted and asked to participate in MEPS for the first time while those from Panel 24 had already participated in MEPS for two rounds. A third MEPS panel was also in the field in early 2020, Round 5 of Panel 23, collecting data for the last portion of 2019.

In developing a plan for how best to resume MEPS data collection, the primary issues were how to do so safely for both sampled household members and interviewers and the potential impact on data quality. Telephone data collection, although not the preferred method of data collection in general for MEPS-HC, was the natural option because it did not require in-person contact with respondents and could be implemented relatively quickly. The impact of changing to telephone on both response rates and data quality was expected to be larger for Panel 25 Round 1 (e.g., no experience with reporting health care events in the recent past). At the time in-person interviewing stopped in mid-March 2020 completion rates for Panels 23 and 24 were substantially higher than those for Panel 25.

AHRQ decided to field Panel 23 for at least one more year, asking Panel 23 respondents if they would be open to further participation in MEPS in newly added Rounds 6 and 7. Extending Panel 23 was meant to both offset the decrease in the number of cases in the FY 2020 data related to lower expected sample yields for Panel 25 and to improve data quality by retaining a set of participants who were familiar with MEPS. These decisions required major changes in survey operations, including adding a fall Panel 23 Round 6 interview covering all 2020 events from January 1, 2020 to the date of the interview.

3.1.5   Data Quality Issues for MEPS for FY 2020

Numerous analyses were conducted to examine potential impacts on data quality and to gain a more complete understanding of these issues. Zuvekas and Kashihara (2021) discuss some of these analyses and provide additional background information on how the MEPS study design was modified in 2020 in response to the pandemic. Three sources of potential bias that were identified are noted here: the long recall period for Round 6 of Panel 23; switching from in-person to telephone interviewing which likely had a larger impact on Panel 25; and the impact of CPS bias on the MEPS weights. Each is considered in turn.

Comparisons of health care utilization data for Panel 24 and Panel 23 indicated that the extended reference period for Panel 23 Round 6 may have resulted in recall issues for respondents. Round 6 was initially fielded in the late summer and early fall of 2020, and because the Round 5 reference period ended on December 31, 2019, the recall period for health care events and related information extended back to January 1, 2020, much longer than for typical MEPS rounds. For Panel 23 Round 6 respondents, events of a less salient nature, such as dental visits and office-based physician visits, occurring in early 2020 were under-reported. Underreporting was confirmed through both an examination of differential utilization across 2020 for Panel 23 respondents as well as statistical comparisons of Panel 23 and Panel 24 event estimates. Adjustments were made to the sample weights for Panel 23 to help address this concern. Details on these adjustments can be found in Section 3.3.1.

Comparisons of Panel 25 with Panel 24 health care utilization data found that the difference in estimates reached statistical significance for several event types with those from Panel 25 generally being the higher. The same comparisons between first and second year panels in MEPS in recent years showed relatively few such differences with no differences at all in 2019.

Finally, AHRQ decided to calibrate, via raking, the FY 2020 Consolidated PUF weights to control totals reflecting CPS 2021 poverty status data. As discussed earlier, bias was identified by the Census Bureau in the 2020 and 2021 CPS income data and correlates. Nevertheless, the Census Bureau decided to use its standard sample weighting approach for both the 2020 and 2021 CPS ASEC data sets while recognizing some deficiencies in the nonresponse adjustment approach for the two years as a result of data collection during the pandemic. Similarly, MEPS has used poverty status based on the CPS estimates for calibration for many years and continued to do so for the 2020 Full Year Consolidated PUF as it was decided that the advantages of doing so outweighed the disadvantages.

3.1.6   Discussion and Guidance

The additional procedures for developing person-level and family-level final weights for the 2020 Consolidated MEPS data were designed to correct for potential biases in the data due to changes in data collection and response bias. However, evaluations of MEPS data quality in 2020 - corroborated in analyses of other Federal surveys fielded in 2020 - suggest that users of the MEPS FY 2020 Consolidated PUF should exercise caution when interpreting estimates and assessing analyses based on these data as well as in comparing 2020 estimates to those of prior years.

3.2   Sample Weight (PERWT20F)

There is a single full-year person-level weight (PERWT20F) assigned to each record for each key, in-scope person who responded to MEPS for the full period of time that he or she was in-scope during 2020. A key person was either a member of a responding NHIS household at the time of the interview or joined a family associated with such a household after being out-of-scope at the time of the NHIS (the latter circumstance includes newborns as well as those returning from military service, an institution, or residence in a foreign country). A person is in-scope whenever he or she is a member of the civilian noninstitutionalized portion of the U.S. population.

3.3   Details on Person Weight Construction

The person-level weight PERWT20F was developed in several stages. Person-level weights for Panel 23, Panel 24, and Panel 25 were created separately. The weighting process for each panel included an adjustment for nonresponse over time and calibration to independent population figures. The calibration was initially accomplished separately for each panel by raking the corresponding sample weights for those in-scope at the end of the calendar year to Current Population Survey (CPS) population estimates based on six variables. The six variables used in the establishment of the initial person-level control figures were: educational attainment of the reference person (no degree, high school/GED no college, some college, bachelor's degree or higher); census region (Northeast, Midwest, South, West); MSA status (MSA, non-MSA); race/ethnicity (Hispanic; Black, non-Hispanic; Asian, non-Hispanic; and other); sex; and age. A 2020 composite weight was then formed by multiplying each weight from Panel 23 by the factor .29, each weight from Panel 24 by the factor .36, and each weight from Panel 25 by the factor .35. The choice of factors reflected the relative sample sizes of the three panels, helping to limit the variance of estimates obtained from pooling the three samples. The composite weight was raked to the same set of CPS-based control totals.

The standard approach for MEPS weighting is as follows. When the poverty status information derived from income variables becomes available, a final raking is undertaken. The full sample weight appearing on the Population Characteristics PUF for a given year is re-raked, establishing control figures reflecting poverty status rather than educational attainment. Thus, control totals are established using poverty status (five categories: below poverty, from 100 to 125 percent of poverty, from 125 to 200 percent of poverty, from 200 to 400 percent of poverty, at least 400 percent of poverty) as well as the other five variables previously used in the weight calibration.

This approach was modified for the full sample weights appearing on the FY 2020 Consolidated PUF. The raking of the Panel 23 weights was re-done as described in Section 3.3.1 below, and then the resulting Panel 23 weights were composited with those previously established for Panels 24 and 25 with the same factors as described previously, producing a new full sample weight. This new weight was then raked to control figures reflecting the standard five variables plus poverty status.

3.3.1 MEPS Panel 23 Weight Development Process

The person-level weight for MEPS Panel 23 was developed using the 2019 full-year weight for an individual as the initially assigned weight for 2019 survey participants present in 2020. For key, in-scope members who joined an RU some time in 2020 after being out-of-scope in 2019, the initially assigned person-level weight was the corresponding 2019 family weight. The weighting process included an adjustment for person-level nonresponse over Rounds 6 and 7 as well as raking to population control figures for December 2020 for key, responding persons in-scope on December 31, 2020. These control totals were derived by scaling back the population distribution obtained from the March 2021 CPS to reflect the December 31, 2020 estimated population total (estimated based on Census projections for January 1, 2021). Variables used for person-level raking included: education of the reference person (three categories: no degree; high school/GED only or some college; Bachelor's or higher degree); Census region (Northeast, Midwest, South, West); MSA status (MSA, non-MSA); race/ethnicity (Hispanic; Black, non-Hispanic; Asian, non-Hispanic; and other); sex; and age. (It may be noted that for confidentiality reasons, the MSA status variables are no longer released for public use. This started with the Full-Year 2013 Person-Level Use PUF.) The final weight for key, responding persons who were not in-scope on December 31, 2020 but were in-scope earlier in the year was the nonresponse-adjusted person weight without raking.

In developing the person-level weight for Panel 23, an additional raking dimension was included beyond those based on the usual six variables. This dimension was added to adjust the distribution of event-based (i.e., office-based [MV] and/or outpatient [OP]) estimates to align with corresponding Panel 24 weighted estimates. The table below shows ratios of weighted totals (population estimates) associated with this additional raking dimension, reflecting the extent to which the Panel 23 estimates were modified in order to correspond to Panel 24 estimates. Generally, the weights of the records with any event in Q1 are inflated to account for the under reporting of events in Q1.

Ratio of Adjusted to Unadjusted Weights

# of Events	Ratio
1: No MV/OP Events	0.8375
2: At least 1 event in Q1 and no events in other quarters	2.7509
3: At least 1 event in Q2 and no events in other quarters	0.9456
4: At least 1 event in Q3 and no events in other quarters	0.7811
5: At least 1 event in Q4 and no events in other quarters	0.7149
6: At least 1 event in Q1 and at least 1 event in at least 1 other quarter	1.3188
7: At least 1 event in Q2 and at least 1 event in at least 1 Q3 or Q4	0.7199
8: Other	0.6908

The Panel 23 2019 full-year weight used as the base weight for Panel 23 was derived from the 2018 MEPS Round 1 weight and reflected adjustment for nonresponse over the remaining data

collection rounds in 2018 and 2019 as well as raking to the December 2018 and December 2019 population control figures.

For the raking variable "education of the reference person" there were four raking categories in prior years: no degree; high school/GED no college; some college; and Bachelor's or a higher degree. However, as mentioned in the discussion of data quality issues in 2020 in Section 3.1, there was evidence that the onset of the COVID-19 pandemic in the years of 2020 and 2021 affected estimates associated with income and education (further details can be found in the references associated with the CPS data quality issues in 2020 and 2021 in the References section). For the full-year 2019 weights, March 2019 CPS was utilized instead of March 2020 CPS in the construction of control totals to avoid data quality issues connected to the COVID-19 pandemic. For the full-year 2020 weights, since there are no reliable education estimates from 2020 or 2021 CPS, a regression approach was implemented to derive education control figures. The regression approach involved two steps. The first step fit a linear regression model for each of the four education categories using the 2013-2018 CPS education of reference person distributions as the predictors in order to estimate the distribution for 2020, and the second step derived the education of reference person control figures by applying the estimated 2020 education distribution to the December 31, 2020 population total. The models for "no degree" and "Bachelor's or a higher degree" performed extremely well with R^2 values of 0.97 and 0.98, respectively. The models for "high school/GED no college" and "some college" showed a lower goodness of fit, especially for some college, with a R^2 value of 0.74. A linear regression for the two categories combined improved the R^2 value to 0.89, so the two levels were combined for the 2020 weight development.

3.3.2   MEPS Panel 24 Weight Development Process

The person-level weight for MEPS Panel 24 was developed using the 2019 full-year weight for an individual as a "base" weight for survey participants present in 2019. For key, in-scope members who joined an RU some time in 2020 after being out-of-scope in 2019, the initially assigned person-level weight was the corresponding 2019 family weight. The weighting process included an adjustment for person-level nonresponse over Rounds 4 and 5 as well as raking to population control totals for December 2020 used for the MEPS Panel 23 weights for key, responding persons in-scope on December 31, 2020. The six standard variables employed for Panel 23 raking (education level, census region, MSA status, race/ethnicity, sex, and age) were also used for Panel 24 raking. Similar to Panel 23, the Panel 24 final weight for key, responding persons not in-scope on December 31, 2020 but in-scope earlier in the year was the nonresponse-adjusted person weight without raking.

Note that the 2019 full-year weight that was used as the base weight for Panel 24 was derived as follows; adjustment of the 2019 MEPS Round 1 weight for nonresponse over the remaining data collection rounds in 2019; and raking the resulting nonresponse adjusted weight to December 2019 population control figures.

3.3.3　MEPS Panel 25 Weight Development Process

The person-level weight for MEPS Panel 25 was developed using the 2020 MEPS Round 1 person-level weight as a "base" weight. The MEPS Round 1 weights incorporated the following components: the original household probability of selection for the NHIS, use of a subsample of the NHIS panels and quarters reserved for MEPS, an adjustment for NHIS nonresponse, the probability of selection for MEPS from NHIS responding households, adjustment for nonresponse at the dwelling unit level for Round 1, and poststratification to control figures at the person level obtained from the March CPS of the corresponding year. For key, in-scope members who joined an RU after Round 1, the Round 1 family weight served as a "base" weight.

The weighting process also included an adjustment for nonresponse over the remaining data collection rounds in 2020 as well as raking to the same population control figures for December 2020 used for the MEPS Panel 23 and Panel 24 weights for key, responding persons in-scope on December 31, 2020. The six standard variables employed for Panel 23 and Panel 24 raking (educational attainment of the reference person, census region, MSA status, race/ethnicity, sex, and age) were also used for Panel 25. The event-based raking dimension used for Panel 23 was not employed for Panel 25. Similar to Panel 23 and Panel 24, the Panel 25 final weight for key, responding persons who were not in-scope on December 31, 2020 but were in-scope earlier in the year was the person weight after the nonresponse adjustment.

3.3.4　The Final Weight for 2020

The final raking of those in-scope at the end of the year has been described above. In addition, the composite weights of three groups of persons who were out-of-scope on December 31, 2020 were adjusted for expected undercoverage. Specifically, the weights of those who were in-scope some time during the year, out-of-scope on December 31, and entered a nursing home during the year and still residing in a nursing home at the end of the year were poststratified to an estimate of the number of persons who were residents of Medicare- and Medicaid-certified nursing homes for part of the year (approximately 3-9 months) during 2014. This estimate was developed from data on the Minimum Data Set (MDS) of the Center for Medicare and Medicaid Services (CMS). The weights of persons who died while in-scope were poststratified to corresponding estimates derived using data obtained from the Centers for Disease Control and Prevention (CDC), National Center for Health Statistics (NCHS), Underlying Cause of Death, 1999-2020 on CDC WONDER Online Database, released in 2022, the latest available data at the time. Separate decedent control totals were developed for the "65 and older" and "under 65" civilian noninstitutionalized populations.

Overall, the weighted population estimate for the civilian noninstitutionalized population for December 31, 2020 is 324,539,180 (PERWT20F >0 and INSC1231=1). The sum of person-level weights across all persons assigned a positive person-level weight is 328,545,297.

3.4　Coverage

The target population for MEPS in this file is the 2020 U.S. civilian noninstitutionalized population. However, the MEPS sampled households are a subsample of the NHIS households

interviewed in 2017 (Panel 23), 2018 (Panel 24), and 2019 (Panel 25). New households created after the NHIS interviews for the respective panels and consisting exclusively of persons who entered the target population after 2017 (Panel 23), after 2018 (Panel 24), or after 2019 (Panel 25) are not covered by MEPS. Neither are previously out-of-scope persons who join an existing household but are unrelated to the current household residents. Persons not covered by a given MEPS panel thus include some members of the following groups: immigrants; persons leaving the military; U.S. citizens returning from residence in another country; and persons leaving institutions. The set of uncovered persons constitutes a relatively small segment of the MEPS target population.

3.5 Using MEPS Data for Trend Analysis

First, of course, we note that there are uncertainties associated with 2020 data quality as discussed in Section 3.1. Evaluations described in that section suggest that care should be taken in the interpretation of estimates based on data collected in 2020 as well as in comparisons over time. Trend analyses are challenging since the advent of the COVID-19 pandemic resulted in uncertain data quality for MEPS as well as standard benchmark sources such as the CPS, ACS, and NHIS while the pandemic also had an impact on the health and access to health care of the U.S. population. For such reasons, the extent to which 2020 health care parameters may differ from those of prior years is difficult to assess.

In terms of other factors to be aware of, MEPS began in 1996, and the utility of the survey for analyzing health care trends expands with each additional year of data; however, it is important to consider a variety of factors when examining trends over time using MEPS. Tests of statistical significance should be conducted to assess the likelihood that observed trends are not attributable to sampling variation. The length of time being analyzed should also be considered. In particular, large shifts in survey estimates over short periods of time (e.g. from one year to the next) that are statistically significant should be interpreted with caution unless they are attributable to known factors such as changes in public policy, economic conditions, or MEPS survey methodology.

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

A significant change to the Conditions file occurred in 2016 when ICD-10-CM condition codes replaced ICD-9-CM codes. In addition, beginning in 2018, MEPS transitioned to CCSR codes, and up to three CCSR codes were assigned to a single condition (see Section 2.5.2 for details). Previously, a single CCS code was assigned to each condition to group conditions into clinically

meaningful categories. The 2016 and 2017 Medical Conditions files are scheduled to be updated to include up to three CCSR codes for each condition. Also in 2018, the inclusion criteria for conditions changed; therefore, fewer conditions are on the 2018 and later files compared to previous years. See section 2.0 for a discussion of conditions included on the file.

Another change with the potential to affect trend analyses involved modifications to the MEPS instrument design and data collection process, particularly in the events sections of the instrument. These were introduced in the Spring of 2018 and thus affected data beginning with Round 1 of Panel 23, Round 3 of Panel 22, and Round 5 of Panel 21. Since the Full Year 2017 PUFs were established from data collected in Rounds 1-3 of Panel 22 and Rounds 3-5 of Panel 21, they reflected two different instrument designs. In order to mitigate the effect of such differences within the same full year file, the Panel 22 Round 3 data and the Panel 21 Round 5 data were transformed to make them as consistent as possible with data collected under the previous design. The changes in the instrument were designed to make the data collection effort more efficient and easy to administer. In addition, expectations were that data on some items, such as those related to health care events, would be more complete with the potential of identifying more events. Increases in service use reported since the implementation of these changes are consistent with these expectations. **Data users should be aware of possible impacts on the data and especially trend analyses for these data years due to the design transition.**

Process changes, such as data editing and imputation, may also affect trend analyses. For example, users should refer to the 2020 Consolidated file (HC-224) and, for more detail, the documentation for the prescription drug file (HC-220A) when analyzing prescription drug spending over time.

As always, it is recommended that data users review relevant sections of the documentation for descriptions of these types of changes that might affect the interpretation of changes over time before undertaking trend analyses.

Analysts may wish to consider using techniques to smooth or stabilize analyses of trends using MEPS data such as comparing pooled time periods (e.g. 1996-1997 versus 2011-2012), working with moving averages, or using modeling techniques with several consecutive years of MEPS data to test the fit of specified patterns over time.

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, undertaking numerous statistical significance tests of trends increases the likelihood of concluding that a change has taken place when one has not.

4.0   Merging/Linking MEPS Data Files

Data from the current file can be used alone or in conjunction with other files. Merging characteristics of interest from person-level files expands the scope of potential estimates.

Person-level characteristics can be merged to this Conditions File using the following procedure (example given for the SAS programming language):

1.   Sort the person-level file by person identifier, DUPERSID. Keep only DUPERSID and the variables to be merged onto the Conditions File.

2.   Sort the Conditions File by person identifier, DUPERSID.

3.   Merge both files by DUPERSID, and output all records in the Conditions File.

4.   If PERS contains the person-level variables, and COND is the Conditions File, the following code can be used to add person-level variables to the person's conditions in the Condition-level file.

```
PROC SORT DATA=PERS(KEEP=DUPERSID AGE SEX EDUCYR HIDEG)
OUT=PERSX; BY DUPERSID;
RUN;

PROC SORT DATA=COND; BY DUPERSID;
RUN;

DATA COND;
MERGE COND (IN=A) PERSX(IN=B); BY DUPERSID;
IF A;
RUN;
```

4.1   National Health Interview Survey (NHIS)

Data from this file can be used alone or in conjunction with other files for different analytic purposes. Each MEPS panel can also be linked back to the previous years' National Health Interview Survey public use data files. For information on MEPS/NHIS link files please see the AHRQ website.

4.2   Longitudinal Analysis

Panel-specific longitudinal files are available for downloading in the data section of the MEPS website. As has been done routinely in past years, the longitudinal file for Panel 24 comprises MEPS survey data obtained in Rounds 1 through 5 of the panel and can be used to analyze changes over a two-year period. Unlike past years for MEPS, in 2020 Panel 23 had data collected for a third year. As such, two-year and three-year longitudinal files will be developed for Panel 23. These can be used to analyze changes over the corresponding two-year or three-year period. Variables in the file 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 full-year Consolidated files from the years covered by each panel.

For more details or to download the data files, please see Longitudinal Data Files at the [AHRQ website](#).

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D.   Variable-Source Crosswalk

MEPS HC-222: 2020 MEDICAL CONDITIONS

UNIQUE IDENTIFIER VARIABLES

VARIABLE	LABEL	SOURCE[1]
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[1]
AGEDIAG	Age When Diagnosed	PE section
CRND1	Has Condition Information In Round 1	Constructed
CRND2	Has Condition Information In Round 2	Constructed
CRND3	Has Condition Information In Round 3	Constructed
CRND4	Has Condition Information In Round 4	Constructed
CRND5	Has Condition Information In Round 5	Constructed
CRND6	Has Condition Information In Round 6	Constructed
CRND7	Has Condition Information In Round 7	Constructed
INJURY	Was Condition Due To Accident/Injury	AH80
ACCDNWRK	Did Accident Occur At Work	AH90

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

VARIABLE	LABEL	SOURCE[1]
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)

UTILIZATION VARIABLES

VARIABLE	LABEL	SOURCE[1]
HHNUM	# Home Health Events Assoc. w/ Condition	Constructed
IPNUM	# Inpatient Events Assoc. w/ Condition	Constructed
OPNUM	# Outpatient Events Assoc. w/ Condition	Constructed
OBNUM	# Office-Based Events Assoc. w/ Condition	Constructed
ERNUM	# ER Events Assoc. w/ Condition	Constructed
RXNUM	# Distinct Prescribed Medicines Per Round Assoc. w/ Cond	Constructed

WEIGHTS AND VARIANCE ESTIMATION VARIABLES

VARIABLE	LABEL	SOURCE[1]
PERWT20F	Expenditure File Person Weight, 2020	Constructed
VARSTR	Variance Estimation Stratum, 2020	Constructed
VARPSU	Variance Estimation PSU, 2020	Constructed

Appendix 1
ICD10CDX and CCSR Condition Code Frequencies

Table 1

UNWEIGHTED AND WEIGHTED COUNT OF RECORDS FOR EACH VALUE OF ICD10CDX

ICD10CDX VALUE	ICD10CDX LABEL	UNWEIGHTED	WEIGHTED BY perwt20f
-15	CANNOT BE COMPUTED	3869	45559006.92
A04	OTHER BACTERIAL INTESTINAL INFECTIONS	25	260984.87
A08	VIRAL AND OTHER SPECIFIED INTESTINAL INFECTIONS	80	923524.80
A09	INFECTIOUS GASTROENTERITIS AND COLITIS, UNSPECIFIED	33	346632.29
A41	OTHER SEPSIS	34	384878.55
A49	BACTERIAL INFECTION OF UNSPECIFIED SITE	118	1536270.65
B00	HERPESVIRAL [HERPES SIMPLEX] INFECTIONS	144	1980555.70
B02	ZOSTER [HERPES ZOSTER]	135	1557490.06
B07	VIRAL WARTS	87	1140644.57
B19	UNSPECIFIED VIRAL HEPATITIS	34	287799.60
B34	VIRAL INFECTION OF UNSPECIFIED SITE	88	1212872.50
B35	DERMATOPHYTOSIS	150	1627138.30
B36	OTHER SUPERFICIAL MYCOSES	20	209710.13
B37	CANDIDIASIS	135	1558595.65
B49	UNSPECIFIED MYCOSIS	42	416974.49
B99	OTHER AND UNSPECIFIED INFECTIOUS DISEASES	42	446882.60
C18	MALIGNANT NEOPLASM OF COLON	67	691768.68
C34	MALIGNANT NEOPLASM OF BRONCHUS AND LUNG	57	550546.67
C43	MALIGNANT MELANOMA OF SKIN	155	1682493.51
C44	OTHER AND UNSPECIFIED MALIGNANT NEOPLASM OF SKIN	447	5205621.90
C50	MALIGNANT NEOPLASM OF BREAST	218	2203536.66
C55	MALIGNANT NEOPLASM OF UTERUS, PART UNSPECIFIED	24	222421.23
C61	MALIGNANT NEOPLASM OF PROSTATE	174	1882877.39
C64	MALIGNANT NEOPLASM OF KIDNEY, EXCEPT RENAL PELVIS	30	344507.68
C67	MALIGNANT NEOPLASM OF BLADDER	38	407543.12
C73	MALIGNANT NEOPLASM OF THYROID GLAND	70	970133.40
C85	OTH AND UNSPECIFIED TYPES OF NON-HODGKIN LYMPHOMA	47	488864.76
C95	LEUKEMIA OF UNSPECIFIED CELL TYPE	54	587622.64
D04	CARCINOMA IN SITU OF SKIN	112	1298831.91
D17	BENIGN LIPOMATOUS NEOPLASM	23	271249.16
D22	MELANOCYTIC NEVI	84	1161444.15
D48	NEOPLASM OF UNCERTAIN BEHAVIOR OF OTHER AND UNSP SITES	63	817610.71
D49	NEOPLASMS OF UNSPECIFIED BEHAVIOR	140	1638354.71
D50	IRON DEFICIENCY ANEMIA	57	663399.78
D64	OTHER ANEMIAS	165	1725248.83
D68	OTHER COAGULATION DEFECTS	33	345374.99
D75	OTHER AND UNSP DISEASES OF BLOOD AND BLOOD-FORMING ORGANS	34	380977.52
E03	OTHER HYPOTHYROIDISM	965	11811303.52

ICD10CDX VALUE	ICD10CDX LABEL	UNWEIGHTED	WEIGHTED BY perwt20f
E04	OTHER NONTOXIC GOITER	97	1099445.47
E05	THYROTOXICOSIS [HYPERTHYROIDISM]	150	1817721.01
E06	THYROIDITIS	63	836695.34
E07	OTHER DISORDERS OF THYROID	720	7619122.78
E11	TYPE 2 DIABETES MELLITUS	2693	27182369.30
E28	OVARIAN DYSFUNCTION	52	732431.57
E29	TESTICULAR DYSFUNCTION	34	477406.18
E34	OTHER ENDOCRINE DISORDERS	100	1392049.09
E53	DEFICIENCY OF OTHER B GROUP VITAMINS	105	1120865.88
E55	VITAMIN D DEFICIENCY	336	3499830.39
E56	OTHER VITAMIN DEFICIENCIES	38	418723.03
E58	DIETARY CALCIUM DEFICIENCY	39	394827.94
E61	DEFICIENCY OF OTHER NUTRIENT ELEMENTS	136	1314073.33
E66	OVERWEIGHT AND OBESITY	129	1488319.53
E78	DISORDERS OF LIPOPROTEIN METABOLISM AND OTHER LIPIDEMIAS	4370	46786044.23
E83	DISORDERS OF MINERAL METABOLISM	27	296349.12
E86	VOLUME DEPLETION	89	929682.15
E87	OTHER DISORDERS OF FLUID, ELECTROLYTE AND ACID-BASE BALANCE	323	3148859.99
F03	UNSPECIFIED DEMENTIA	100	1032869.27
F10	ALCOHOL RELATED DISORDERS	29	307997.99
F11	OPIOID RELATED DISORDERS	20	239964.28
F17	NICOTINE DEPENDENCE	26	235181.34
F19	OTHER PSYCHOACTIVE SUBSTANCE RELATED DISORDERS	41	431038.96
F20	SCHIZOPHRENIA	72	680212.95
F31	BIPOLAR DISORDER	282	2914682.01
F32	MAJOR DEPRESSIVE DISORDER, SINGLE EPISODE	1890	22361767.52
F34	PERSISTENT MOOD [AFFECTIVE] DISORDERS	38	417964.30
F39	UNSPECIFIED MOOD [AFFECTIVE] DISORDER	70	891347.28
F41	OTHER ANXIETY DISORDERS	2211	27534251.77
F42	OBSESSIVE-COMPULSIVE DISORDER	60	841791.54
F43	REACTION TO SEVERE STRESS, AND ADJUSTMENT DISORDERS	446	5290745.51
F51	SLEEP DISORDERS NOT DUE TO A SUBSTANCE OR KNOWN PHYSIOL COND	22	250113.53
F80	SPECIFIC DEVELOPMENTAL DISORDERS OF SPEECH AND LANGUAGE	49	648211.39
F84	PERVASIVE DEVELOPMENTAL DISORDERS	79	986562.11
F90	ATTENTION-DEFICIT HYPERACTIVITY DISORDERS	678	8696859.73
F91	CONDUCT DISORDERS	52	569092.38
F99	MENTAL DISORDER, NOT OTHERWISE SPECIFIED	185	2367346.77
G20	PARKINSON'S DISEASE	62	695053.52
G25	OTHER EXTRAPYRAMIDAL AND MOVEMENT DISORDERS	189	2040352.96
G30	ALZHEIMER'S DISEASE	49	593772.33
G35	MULTIPLE SCLEROSIS	62	798447.09
G40	EPILEPSY AND RECURRENT SEIZURES	114	1421975.68
G43	MIGRAINE	504	6335501.64
G44	OTHER HEADACHE SYNDROMES	42	520888.14
G45	TRANSIENT CEREBRAL ISCHEMIC ATTACKS AND RELATED SYNDROMES	345	3360707.69
G47	SLEEP DISORDERS	1352	14954311.20

ICD10CDX VALUE	ICD10CDX LABEL	UNWEIGHTED	WEIGHTED BY perwt20f
G56	MONONEUROPATHIES OF UPPER LIMB	104	1135901.79
G57	MONONEUROPATHIES OF LOWER LIMB	104	1100660.29
G58	OTHER MONONEUROPATHIES	46	460216.72
G62	OTHER AND UNSPECIFIED POLYNEUROPATHIES	285	3124316.11
G89	PAIN, NOT ELSEWHERE CLASSIFIED	343	3674302.05
G93	OTHER DISORDERS OF BRAIN	46	497300.41
H00	HORDEOLUM AND CHALAZION	40	589487.80
H02	OTHER DISORDERS OF EYELID	40	549800.46
H04	DISORDERS OF LACRIMAL SYSTEM	243	2736637.80
H10	CONJUNCTIVITIS	92	1420316.09
H18	OTHER DISORDERS OF CORNEA	23	298099.33
H26	OTHER CATARACT	571	5905722.93
H33	RETINAL DETACHMENTS AND BREAKS	58	652709.63
H35	OTHER RETINAL DISORDERS	248	2580804.25
H40	GLAUCOMA	500	5257418.42
H43	DISORDERS OF VITREOUS BODY	34	449921.54
H44	DISORDERS OF GLOBE	126	1711426.72
H52	DISORDERS OF REFRACTION AND ACCOMMODATION	378	5360041.30
H53	VISUAL DISTURBANCES	113	1266884.96
H54	BLINDNESS AND LOW VISION	130	1517943.62
H57	OTHER DISORDERS OF EYE AND ADNEXA	200	2168456.73
H60	OTITIS EXTERNA	21	320143.89
H61	OTHER DISORDERS OF EXTERNAL EAR	115	1282779.69
H65	NONSUPPURATIVE OTITIS MEDIA	33	389640.50
H66	SUPPURATIVE AND UNSPECIFIED OTITIS MEDIA	363	4867337.67
H91	OTHER AND UNSPECIFIED HEARING LOSS	247	2780545.49
H92	OTALGIA AND EFFUSION OF EAR	66	885852.84
H93	OTHER DISORDERS OF EAR, NOT ELSEWHERE CLASSIFIED	87	1038776.54
I10	ESSENTIAL (PRIMARY) HYPERTENSION	5944	62703987.90
I20	ANGINA PECTORIS	140	1501664.03
I21	ACUTE MYOCARDIAL INFARCTION	453	4735780.15
I25	CHRONIC ISCHEMIC HEART DISEASE	788	8090299.61
I26	PULMONARY EMBOLISM	54	559239.17
I34	NONRHEUMATIC MITRAL VALVE DISORDERS	38	377559.49
I38	ENDOCARDITIS, VALVE UNSPECIFIED	105	1137608.39
I48	ATRIAL FIBRILLATION AND FLUTTER	353	3815362.23
I49	OTHER CARDIAC ARRHYTHMIAS	294	3174371.64
I50	HEART FAILURE	187	1815644.71
I51	COMPLICATIONS AND ILL-DEFINED DESCRIPTIONS OF HEART DISEASE	220	2157258.81
I63	CEREBRAL INFARCTION	55	588238.53
I65	OCCLS AND STENOSIS OF PRECERB ART, NOT RSLT IN CEREB INFRC	24	245966.32
I71	AORTIC ANEURYSM AND DISSECTION	36	364159.02
I73	OTHER PERIPHERAL VASCULAR DISEASES	47	630258.77
I74	ARTERIAL EMBOLISM AND THROMBOSIS	304	3275429.17
I82	OTHER VENOUS EMBOLISM AND THROMBOSIS	30	279021.81
I83	VARICOSE VEINS OF LOWER EXTREMITIES	54	707867.54

ICD10CDX VALUE	ICD10CDX LABEL	UNWEIGHTED	WEIGHTED BY perwt20f
I87	OTHER DISORDERS OF VEINS	33	345230.58
I89	OTH NONINFECTIVE DISORDERS OF LYMPHATIC VESSELS AND NODES	26	279875.11
I95	HYPOTENSION	57	532133.37
I99	OTHER AND UNSPECIFIED DISORDERS OF CIRCULATORY SYSTEM	74	624980.76
J00	ACUTE NASOPHARYNGITIS [COMMON COLD]	280	3507448.45
J02	ACUTE PHARYNGITIS	334	4603071.26
J03	ACUTE TONSILLITIS	21	272924.75
J06	ACUTE UPPER RESP INFECTIONS OF MULTIPLE AND UNSP SITES	136	1962690.14
J11	INFLUENZA DUE TO UNIDENTIFIED INFLUENZA VIRUS	505	6725993.20
J18	PNEUMONIA, UNSPECIFIED ORGANISM	299	3250797.05
J20	ACUTE BRONCHITIS	69	979388.39
J30	VASOMOTOR AND ALLERGIC RHINITIS	781	9226553.00
J32	CHRONIC SINUSITIS	516	6285911.30
J34	OTHER AND UNSPECIFIED DISORDERS OF NOSE AND NASAL SINUSES	175	1978303.10
J35	CHRONIC DISEASES OF TONSILS AND ADENOIDS	28	360805.20
J39	OTHER DISEASES OF UPPER RESPIRATORY TRACT	81	1077262.99
J40	BRONCHITIS, NOT SPECIFIED AS ACUTE OR CHRONIC	188	2301696.17
J42	UNSPECIFIED CHRONIC BRONCHITIS	157	1426579.25
J43	EMPHYSEMA	149	1301548.77
J44	OTHER CHRONIC OBSTRUCTIVE PULMONARY DISEASE	312	2907531.70
J45	ASTHMA	1722	18798693.34
J98	OTHER RESPIRATORY DISORDERS	174	2091395.05
K01	EMBEDDED AND IMPACTED TEETH	40	561231.35
K02	DENTAL CARIES	28	360269.91
K04	DISEASES OF PULP AND PERIAPICAL TISSUES	144	1539053.15
K05	GINGIVITIS AND PERIODONTAL DISEASES	42	504389.97
K08	OTHER DISORDERS OF TEETH AND SUPPORTING STRUCTURES	256	3072384.89
K13	OTHER DISEASES OF LIP AND ORAL MUCOSA	36	412431.10
K21	GASTRO-ESOPHAGEAL REFLUX DISEASE	1558	17464933.66
K22	OTHER DISEASES OF ESOPHAGUS	77	947097.41
K25	GASTRIC ULCER	71	728438.46
K29	GASTRITIS AND DUODENITIS	135	1259856.70
K30	FUNCTIONAL DYSPEPSIA	193	1998440.99
K31	OTHER DISEASES OF STOMACH AND DUODENUM	159	1643488.83
K37	UNSPECIFIED APPENDICITIS	22	223092.81
K44	DIAPHRAGMATIC HERNIA	72	809895.15
K46	UNSPECIFIED ABDOMINAL HERNIA	110	1098226.25
K50	CROHN'S DISEASE [REGIONAL ENTERITIS]	42	633982.39
K51	ULCERATIVE COLITIS	42	640817.48
K52	OTHER AND UNSP NONINFECTIVE GASTROENTERITIS AND COLITIS	56	617591.39
K56	PARALYTIC ILEUS AND INTESTINAL OBSTRUCTION WITHOUT HERNIA	39	398000.72
K57	DIVERTICULAR DISEASE OF INTESTINE	104	1185979.91
K58	IRRITABLE BOWEL SYNDROME	117	1483243.17
K59	OTHER FUNCTIONAL INTESTINAL DISORDERS	273	2683201.29
K63	OTHER DISEASES OF INTESTINE	148	1513307.59
K64	HEMORRHOIDS AND PERIANAL VENOUS THROMBOSIS	70	881754.72

ICD10CDX VALUE	ICD10CDX LABEL	UNWEIGHTED	WEIGHTED BY perwt20f
K74	FIBROSIS AND CIRRHOSIS OF LIVER	31	335050.27
K76	OTHER DISEASES OF LIVER	108	1181850.29
K80	CHOLELITHIASIS	40	410239.66
K82	OTHER DISEASES OF GALLBLADDER	78	863294.27
K85	ACUTE PANCREATITIS	25	318058.14
K92	OTHER DISEASES OF DIGESTIVE SYSTEM	105	1244992.15
L02	CUTANEOUS ABSCESS, FURUNCLE AND CARBUNCLE	52	615987.13
L03	CELLULITIS AND ACUTE LYMPHANGITIS	78	852639.91
L08	OTHER LOCAL INFECTIONS OF SKIN AND SUBCUTANEOUS TISSUE	177	2069051.03
L21	SEBORRHEIC DERMATITIS	36	435384.35
L23	ALLERGIC CONTACT DERMATITIS	126	1572474.90
L29	PRURITUS	68	998888.79
L30	OTHER AND UNSPECIFIED DERMATITIS	269	3343916.79
L40	PSORIASIS	132	1720529.18
L50	URTICARIA	31	352284.37
L57	SKIN CHANGES DUE TO CHRONIC EXPSR TO NONIONIZING RADIATION	27	308923.03
L60	NAIL DISORDERS	196	2060566.18
L65	OTHER NONSCARRING HAIR LOSS	60	773685.66
L70	ACNE	243	3818726.29
L71	ROSACEA	68	848856.90
L72	FOLLICULAR CYSTS OF SKIN AND SUBCUTANEOUS TISSUE	114	1276076.02
L81	OTHER DISORDERS OF PIGMENTATION	28	344374.32
L84	CORNS AND CALLOSITIES	44	467207.63
L90	ATROPHIC DISORDERS OF SKIN	34	403262.05
L91	HYPERTROPHIC DISORDERS OF SKIN	35	441583.77
L98	OTH DISORDERS OF SKIN, SUBCU, NOT ELSEWHERE CLASSIFIED	361	4475001.31
M06	OTHER RHEUMATOID ARTHRITIS	424	4273066.32
M10	GOUT	341	3594413.69
M16	OSTEOARTHRITIS OF HIP	43	422979.52
M17	OSTEOARTHRITIS OF KNEE	109	1075217.29
M19	OTHER AND UNSPECIFIED OSTEOARTHRITIS	1657	17048074.05
M20	ACQUIRED DEFORMITIES OF FINGERS AND TOES	25	301671.43
M21	OTHER ACQUIRED DEFORMITIES OF LIMBS	70	818451.84
M23	INTERNAL DERANGEMENT OF KNEE	23	316754.37
M25	OTHER JOINT DISORDER, NOT ELSEWHERE CLASSIFIED	1595	17674874.92
M26	DENTOFACIAL ANOMALIES [INCLUDING MALOCCLUSION]	20	357873.07
M32	SYSTEMIC LUPUS ERYTHEMATOSUS (SLE)	58	604081.27
M35	OTHER SYSTEMIC INVOLVEMENT OF CONNECTIVE TISSUE	61	803315.34
M41	SCOLIOSIS	108	1354487.04
M43	OTHER DEFORMING DORSOPATHIES	70	1020406.57
M47	SPONDYLOSIS	26	356064.32
M48	OTHER SPONDYLOPATHIES	118	1264490.47
M50	CERVICAL DISC DISORDERS	56	707132.02
M51	THORACIC, THORACOLUM, AND LUMBOSACRAL INTVRT DISC DISORDERS	347	4110471.58
M53	OTHER AND UNSPECIFIED DORSOPATHIES, NOT ELSEWHERE CLASSIFIED	239	2542646.89
M54	DORSALGIA	1453	16387319.41

ICD10CDX VALUE	ICD10CDX LABEL	UNWEIGHTED	WEIGHTED BY perwt20f
M62	OTHER DISORDERS OF MUSCLE	295	3325524.27
M65	SYNOVITIS AND TENOSYNOVITIS	62	826752.44
M67	OTHER DISORDERS OF SYNOVIUM AND TENDON	22	231311.61
M71	OTHER BURSOPATHIES	48	581990.09
M72	FIBROBLASTIC DISORDERS	85	1038592.25
M75	SHOULDER LESIONS	166	1791734.93
M76	ENTHESOPATHIES, LOWER LIMB, EXCLUDING FOOT	28	316494.98
M77	OTHER ENTHESOPATHIES	128	1455627.40
M79	OTH AND UNSP SOFT TISSUE DISORDERS, NOT ELSEWHERE CLASSIFIED	914	10014927.64
M81	OSTEOPOROSIS WITHOUT CURRENT PATHOLOGICAL FRACTURE	210	2171439.02
M85	OTHER DISORDERS OF BONE DENSITY AND STRUCTURE	180	2158399.54
M89	OTHER DISORDERS OF BONE	57	526331.14
N15	OTHER RENAL TUBULO-INTERSTITIAL DISEASES	48	493644.86
N18	CHRONIC KIDNEY DISEASE (CKD)	44	513942.07
N19	UNSPECIFIED KIDNEY FAILURE	98	876861.68
N20	CALCULUS OF KIDNEY AND URETER	192	2297837.23
N28	OTH DISORDERS OF KIDNEY AND URETER, NOT ELSEWHERE CLASSIFIED	262	2447248.43
N30	CYSTITIS	103	1089433.22
N32	OTHER DISORDERS OF BLADDER	178	2054202.30
N39	OTHER DISORDERS OF URINARY SYSTEM	703	8321377.64
N40	BENIGN PROSTATIC HYPERPLASIA	282	3088796.34
N41	INFLAMMATORY DISEASES OF PROSTATE	30	325587.55
N42	OTHER AND UNSPECIFIED DISORDERS OF PROSTATE	175	1798743.90
N52	MALE ERECTILE DYSFUNCTION	78	818990.54
N60	BENIGN MAMMARY DYSPLASIA	46	527837.47
N63	UNSPECIFIED LUMP IN BREAST	72	889718.55
N64	OTHER DISORDERS OF BREAST	45	497844.14
N76	OTHER INFLAMMATION OF VAGINA AND VULVA	38	490816.88
N80	ENDOMETRIOSIS	34	514105.50
N81	FEMALE GENITAL PROLAPSE	32	434889.57
N83	NONINFLAMMATORY DISORD OF OVARY, FALLOP AND BROAD LIGAMENT	51	673322.61
N89	OTHER NONINFLAMMATORY DISORDERS OF VAGINA	49	551185.72
N92	EXCESSIVE, FREQUENT AND IRREGULAR MENSTRUATION	92	1235750.07
N93	OTHER ABNORMAL UTERINE AND VAGINAL BLEEDING	32	370667.31
N94	PAIN AND OTH COND ASSOC W FEM GNTL ORG AND MENSTRUAL CYCLE	69	983284.32
N95	MENOPAUSAL AND OTHER PERIMENOPAUSAL DISORDERS	173	2191107.37
O80	ENCOUNTER FOR FULL-TERM UNCOMPLICATED DELIVERY	44	544792.23
R00	ABNORMALITIES OF HEART BEAT	209	2538050.65
R01	CARDIAC MURMURS AND OTHER CARDIAC SOUNDS	107	1091836.63
R03	ABNORMAL BLOOD-PRESSURE READING, WITHOUT DIAGNOSIS	36	363650.35
R04	HEMORRHAGE FROM RESPIRATORY PASSAGES	32	420432.92
R05	COUGH	255	2944357.84
R06	ABNORMALITIES OF BREATHING	253	2636395.73
R07	PAIN IN THROAT AND CHEST	175	2109277.68
R09	OTH SYMPTOMS AND SIGNS INVOLVING THE CIRC AND RESP SYS	120	1330711.47
R10	ABDOMINAL AND PELVIC PAIN	244	2810525.74

ICD10CDX VALUE	ICD10CDX LABEL	UNWEIGHTED	WEIGHTED BY perwt20f
R11	NAUSEA AND VOMITING	234	2908331.71
R12	HEARTBURN	170	1826880.09
R13	APHAGIA AND DYSPHAGIA	25	280879.44
R19	OTH SYMPTOMS AND SIGNS INVOLVING THE DGSTV SYS AND ABDOMEN	102	1074446.76
R20	DISTURBANCES OF SKIN SENSATION	57	567749.69
R21	RASH AND OTHER NONSPECIFIC SKIN ERUPTION	292	3606373.87
R22	LOCALIZED SWELLING, MASS AND LUMP OF SKIN, SUBCU	101	1179928.71
R25	ABNORMAL INVOLUNTARY MOVEMENTS	118	1093802.87
R26	ABNORMALITIES OF GAIT AND MOBILITY	64	654970.14
R31	HEMATURIA	42	481330.29
R32	UNSPECIFIED URINARY INCONTINENCE	166	1713514.28
R33	RETENTION OF URINE	24	307517.88
R35	POLYURIA	52	588225.08
R39	OTH AND UNSP SYMPTOMS AND SIGNS INVOLVING THE GU SYS	48	560456.68
R41	OTH SYMPTOMS AND SIGNS W COGNITIVE FUNCTIONS AND AWARENESS	146	1633869.46
R42	DIZZINESS AND GIDDINESS	285	3345960.92
R45	SYMPTOMS AND SIGNS INVOLVING EMOTIONAL STATE	49	502108.71
R47	SPEECH DISTURBANCES, NOT ELSEWHERE CLASSIFIED	57	676710.71
R50	FEVER OF OTHER AND UNKNOWN ORIGIN	160	2238068.17
R51	HEADACHE	180	2016182.66
R52	PAIN, UNSPECIFIED	274	2495668.41
R53	MALAISE AND FATIGUE	95	1071360.85
R54	AGE-RELATED PHYSICAL DEBILITY	97	991943.92
R55	SYNCOPE AND COLLAPSE	43	461735.49
R56	CONVULSIONS, NOT ELSEWHERE CLASSIFIED	158	1724966.55
R58	HEMORRHAGE, NOT ELSEWHERE CLASSIFIED	26	293443.56
R59	ENLARGED LYMPH NODES	34	514718.69
R60	EDEMA, NOT ELSEWHERE CLASSIFIED	470	4703486.57
R63	SYMPTOMS AND SIGNS CONCERNING FOOD AND FLUID INTAKE	87	939426.93
R73	ELEVATED BLOOD GLUCOSE LEVEL	224	2429819.52
R79	OTHER ABNORMAL FINDINGS OF BLOOD CHEMISTRY	41	412580.66
R87	ABNORMAL FINDINGS IN SPECIMENS FROM FEMALE GENITAL ORGANS	39	512229.45
R91	ABNORMAL FINDINGS ON DIAGNOSTIC IMAGING OF LUNG	42	463079.00
R92	ABNORMAL AND INCONCLUSIVE FINDINGS ON DX IMAGING OF BREAST	22	249312.66
R94	ABNORMAL RESULTS OF FUNCTION STUDIES	25	270523.90
R97	ABNORMAL TUMOR MARKERS	24	298724.76
S01	OPEN WOUND OF HEAD	55	714763.96
S02	FRACTURE OF SKULL AND FACIAL BONES	28	319905.95
S05	INJURY OF EYE AND ORBIT	60	724599.85
S06	INTRACRANIAL INJURY	77	1054236.86
S09	OTHER AND UNSPECIFIED INJURIES OF HEAD	63	775010.32
S13	DISLOCATION AND SPRAIN OF JOINTS AND LIGAMENTS AT NECK LEVEL	25	294712.38
S16	INJURY OF MUSCLE, FASCIA AND TENDON AT NECK LEVEL	24	328990.42
S19	OTHER SPECIFIED AND UNSPECIFIED INJURIES OF NECK	26	317238.28
S22	FRACTURE OF RIB(S), STERNUM AND THORACIC SPINE	54	637081.33
S29	OTHER AND UNSPECIFIED INJURIES OF THORAX	29	293249.43

ICD10CDX VALUE	ICD10CDX LABEL	UNWEIGHTED	WEIGHTED BY perwt20f
S32	FRACTURE OF LUMBAR SPINE AND PELVIS	62	705540.09
S39	OTH & UNSP INJURIES OF ABD, LOW BACK, PELV & EXTRN GENITALS	199	2595699.70
S42	FRACTURE OF SHOULDER AND UPPER ARM	89	1181225.75
S46	INJURY OF MUSCLE, FASCIA AND TENDON AT SHLDR/UP ARM	62	874851.12
S49	OTHER AND UNSPECIFIED INJURIES OF SHOULDER AND UPPER ARM	96	1071575.85
S59	OTHER AND UNSPECIFIED INJURIES OF ELBOW AND FOREARM	23	275505.03
S61	OPEN WOUND OF WRIST, HAND AND FINGERS	84	1075166.51
S62	FRACTURE AT WRIST AND HAND LEVEL	110	1422894.57
S63	DISLOCATION AND SPRAIN OF JOINTS AND LIGAMENTS AT WRS/HND LV	51	675379.64
S69	OTHER AND UNSPECIFIED INJURIES OF WRIST, HAND AND FINGER(S)	90	1067937.04
S72	FRACTURE OF FEMUR	38	480291.22
S76	INJURY OF MUSCLE, FASCIA AND TENDON AT HIP AND THIGH LEVEL	22	269269.71
S79	OTHER AND UNSPECIFIED INJURIES OF HIP AND THIGH	31	358720.20
S82	FRACTURE OF LOWER LEG, INCLUDING ANKLE	123	1605524.10
S83	DISLOCATION AND SPRAIN OF JOINTS AND LIGAMENTS OF KNEE	129	1589913.26
S86	INJURY OF MUSCLE, FASCIA AND TENDON AT LOWER LEG LEVEL	39	500558.08
S89	OTHER AND UNSPECIFIED INJURIES OF LOWER LEG	105	1346241.55
S91	OPEN WOUND OF ANKLE, FOOT AND TOES	28	325755.10
S92	FRACTURE OF FOOT AND TOE, EXCEPT ANKLE	101	1227741.60
S93	DISLOC & SPRAIN OF JOINTS & LIGAMENTS AT ANKL, FT & TOE LEV	99	1304624.89
S99	OTHER AND UNSPECIFIED INJURIES OF ANKLE AND FOOT	82	906319.97
T14	INJURY OF UNSPECIFIED BODY REGION	288	3397910.97
T15	FOREIGN BODY ON EXTERNAL EYE	27	372652.54
T62	TOXIC EFFECT OF OTHER NOXIOUS SUBSTANCES EATEN AS FOOD	20	215276.29
T63	TOXIC EFFECT OF CONTACT WITH VENOMOUS ANIMALS AND PLANTS	77	929006.98
T78	ADVERSE EFFECTS, NOT ELSEWHERE CLASSIFIED	722	7884669.64
T88	OTH COMPLICATIONS OF SURGICAL AND MEDICAL CARE, NEC	55	557204.35
U07	EMERGENCY USE OF U07	975	12520598.16
Z00	ENCNTR FOR GENERAL EXAM W/O COMPLAINT, SUSP OR REPRTD DX	262	3337982.26
Z01	ENCNTR FOR OTH SP EXAM W/O COMPLAINT, SUSPECTED OR REPRTD DX	213	2350068.14
Z04	ENCOUNTER FOR EXAMINATION AND OBSERVATION FOR OTHER REASONS	84	844347.28
Z09	ENCNTR FOR F/U EXAM AFT TRTMT FOR COND OTH THAN MALIG NEOPLM	35	450111.47
Z11	ENCOUNTER FOR SCREENING FOR INFEC/PARASTC DISEASES	25	390957.10
Z12	ENCOUNTER FOR SCREENING FOR MALIGNANT NEOPLASMS	250	3138620.55
Z13	ENCOUNTER FOR SCREENING FOR OTHER DISEASES AND DISORDERS	429	3980077.69
Z20	CONTACT W AND (SUSPECTED) EXPOSURE TO COMMUNICABLE DISEASES	2087	28107928.28
Z21	ASYMPTOMATIC HUMAN IMMUNODEFICIENCY VIRUS INFECTION STATUS	52	495924.55
Z23	ENCOUNTER FOR IMMUNIZATION	183	2400069.11
Z29	ENCOUNTER FOR OTHER PROPHYLACTIC MEASURES	112	1119981.14
Z30	ENCOUNTER FOR CONTRACEPTIVE MANAGEMENT	414	6066111.51
Z31	ENCOUNTER FOR PROCREATIVE MANAGEMENT	22	318259.74
Z34	ENCOUNTER FOR SUPERVISION OF NORMAL PREGNANCY	315	3971354.95
Z38	LIVEBORN INFANTS ACCORDING TO PLACE OF BIRTH AND TYPE OF DEL	39	605718.75
Z45	ENCOUNTER FOR ADJUSTMENT AND MANAGEMENT OF IMPLANTED DEVICE	35	353311.15
Z46	ENCOUNTER FOR FITTING AND ADJUSTMENT OF OTHER DEVICES	23	269985.86
Z48	ENCOUNTER FOR OTHER POSTPROCEDURAL AFTERCARE	36	422945.09

ICD10CDX VALUE	ICD10CDX LABEL	UNWEIGHTED	WEIGHTED BY perwt20f
Z51	ENCOUNTER FOR OTHER AFTERCARE AND MEDICAL CARE	59	644246.96
Z63	OTH PROB REL TO PRIM SUPPORT GROUP, INC FAMILY CIRCUMSTANCES	59	919272.19
Z71	PERSONS ENCNTR HEALTH SERV FOR OTH CNSL AND MED ADVICE, NEC	210	2529678.15
Z73	PROBLEMS RELATED TO LIFE MANAGEMENT DIFFICULTY	28	309200.96
Z76	PERSONS ENCOUNTERING HEALTH SERVICES IN OTHER CIRCUMSTANCES	194	2213097.13
Z79	LONG TERM (CURRENT) DRUG THERAPY	351	3855701.46
Z89	ACQUIRED ABSENCE OF LIMB	29	223234.26
Z90	ACQUIRED ABSENCE OF ORGANS, NOT ELSEWHERE CLASSIFIED	42	538630.67
Z91	PERSONAL RISK FACTORS, NOT ELSEWHERE CLASSIFIED	66	921335.02
Z94	TRANSPLANTED ORGAN AND TISSUE STATUS	37	376042.81
Z95	PRESENCE OF CARDIAC AND VASCULAR IMPLANTS AND GRAFTS	89	940986.36
Z96	PRESENCE OF OTHER FUNCTIONAL IMPLANTS	206	2108316.25
Z97	PRESENCE OF OTHER DEVICES	52	613550.08
Z99	DEPENDENCE ON ENABLING MACHINES AND DEVICES, NEC	22	218863.01
		80802	**920067736.07**

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	UNWEIGHTED	WEIGHTED BY perwt20f
-15	CANNOT BE COMPUTED	-1	INAPPLICABLE	-1	INAPPLICABLE	438	4783590.40
BLD000	DISEASES OF BLOOD AND DISORDERS INVOLVING IMMUNE MECHANIS	-1	INAPPLICABLE	-1	INAPPLICABLE	62	779462.98
BLD000	DISEASES OF BLOOD AND DISORDERS INVOLVING IMMUNE MECHANIS	INJ000	INJURY, POISONING & CERTAIN OTH CONSEQUENCES OF EXTNL CAU	-1	INAPPLICABLE	2	14062.59
BLD001	NUTRITIONAL ANEMIA	-1	INAPPLICABLE	-1	INAPPLICABLE	61	718982.88
BLD003	APLASTIC ANEMIA	-1	INAPPLICABLE	-1	INAPPLICABLE	165	1725248.83
BLD006	COAGULATION AND HEMORRHAGIC DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	33	345374.99
BLD008	IMMUNITY DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	30	336293.89
BLD010	OTHER SPECIFIED AND UNSPECIFIED HEMATOLOGIC CONDITIONS	-1	INAPPLICABLE	-1	INAPPLICABLE	34	380977.52
CIR000	DISEASES OF THE CIRCULATORY SYSTEM	-1	INAPPLICABLE	-1	INAPPLICABLE	213	2225313.13
CIR000	DISEASES OF THE CIRCULATORY SYSTEM	DIG000	DISEASES OF THE DIGESTIVE SYSTEM	-1	INAPPLICABLE	1	10880.28
CIR000	DISEASES OF THE CIRCULATORY SYSTEM	FAC000	FACTORS INFLUENCING HEALTH STATUS & CONTACT W/ HEALTH SER	-1	INAPPLICABLE	5	52074.12
CIR000	DISEASES OF THE CIRCULATORY SYSTEM	GEN000	DISEASES OF THE GENITOURINARY SYSTEM	-1	INAPPLICABLE	1	8683.37
CIR000	DISEASES OF THE CIRCULATORY SYSTEM	INF000	CERTAIN INFECTIOUS AND PARASITIC DISEASES	-1	INAPPLICABLE	1	30459.65
CIR000	DISEASES OF THE CIRCULATORY SYSTEM	MUS000	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TIS	-1	INAPPLICABLE	10	181355.15
CIR003	NONRHEUMATIC AND UNSPECIFIED VALVE DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	38	377559.49
CIR003	NONRHEUMATIC AND UNSPECIFIED VALVE DISORDERS	FAC009	IMPLANT, DEVICE OR GRAFT RELATED ENCOUNTER	-1	INAPPLICABLE	20	218022.96
CIR004	ENDOCARDITIS AND ENDOCARDIAL DISEASE	-1	INAPPLICABLE	-1	INAPPLICABLE	105	1137608.39
CIR007	ESSENTIAL HYPERTENSION	-1	INAPPLICABLE	-1	INAPPLICABLE	5944	62703987.90
CIR009	ACUTE MYOCARDIAL INFARCTION	-1	INAPPLICABLE	-1	INAPPLICABLE	453	4735780.15
CIR011	CORONARY ATHEROSCLEROSIS AND OTHER HEART DISEASE	-1	INAPPLICABLE	-1	INAPPLICABLE	928	9591963.64

CCSR1X VALUE	CCSR1X LABEL	CCSR2X VALUE	CCSR2X LABEL	CCSR3X VALUE	CCSR3X LABEL	UNWEIGHTED	WEIGHTED BY perwt20f
CIR011	CORONARY ATHEROSCLEROSIS AND OTHER HEART DISEASE	FAC009	IMPLANT, DEVICE OR GRAFT RELATED ENCOUNTER	-1	INAPPLICABLE	33	356693.82
CIR012	NONSPECIFIC CHEST PAIN	-1	INAPPLICABLE	-1	INAPPLICABLE	175	2109277.68
CIR013	ACUTE PULMONARY EMBOLISM	-1	INAPPLICABLE	-1	INAPPLICABLE	54	559239.17
CIR015	OTHER AND ILL-DEFINED HEART DISEASE	-1	INAPPLICABLE	-1	INAPPLICABLE	220	2157258.81
CIR016	CONDUCTION DISORDERS	FAC009	IMPLANT, DEVICE OR GRAFT RELATED ENCOUNTER	-1	INAPPLICABLE	71	719580.73
CIR017	CARDIAC DYSRHYTHMIAS	-1	INAPPLICABLE	-1	INAPPLICABLE	647	6989733.87
CIR019	HEART FAILURE	-1	INAPPLICABLE	-1	INAPPLICABLE	187	1815644.71
CIR020	CEREBRAL INFARCTION	-1	INAPPLICABLE	-1	INAPPLICABLE	55	588238.53
CIR023	OCCLUSION/STENOSIS PRECEREBRAL/CEREB ARTERIES W/OUT INFAR	-1	INAPPLICABLE	-1	INAPPLICABLE	24	245966.32
CIR026	PERIPHERAL AND VISCERAL VASCULAR DISEASE	-1	INAPPLICABLE	-1	INAPPLICABLE	47	630258.77
CIR029	AORTIC; PERIPHERAL; AND VISCERAL ARTERY ANEURYSMS	-1	INAPPLICABLE	-1	INAPPLICABLE	36	364159.02
CIR030	AORTIC AND PERIPHERAL ARTERIAL EMBOLISM OR THROMBOSIS	-1	INAPPLICABLE	-1	INAPPLICABLE	304	3275429.17
CIR031	HYPOTENSION	-1	INAPPLICABLE	-1	INAPPLICABLE	57	532133.37
CIR032	OTHER SPECIFIED AND UNSPECIFIED CIRCULATORY DISEASE	-1	INAPPLICABLE	-1	INAPPLICABLE	93	842997.43
CIR033	ACUTE PHLEBITIS; THROMBOPHLEBITIS AND THROMBOEMBOLISM	-1	INAPPLICABLE	-1	INAPPLICABLE	30	279021.81
CIR035	VARICOSE VEINS OF LOWER EXTREMITY	-1	INAPPLICABLE	-1	INAPPLICABLE	54	707867.54
CIR039	OTHER SPECIFIED DISEASES OF VEINS AND LYMPHATICS	-1	INAPPLICABLE	-1	INAPPLICABLE	59	625105.69
DIG000	DISEASES OF THE DIGESTIVE SYSTEM	-1	INAPPLICABLE	-1	INAPPLICABLE	116	1311370.88
DIG000	DISEASES OF THE DIGESTIVE SYSTEM	INF000	CERTAIN INFECTIOUS AND PARASITIC DISEASES	-1	INAPPLICABLE	18	211851.17
DIG000	DISEASES OF THE DIGESTIVE SYSTEM	INJ000	INJURY, POISONING & CERTAIN OTH CONSEQUENCES OF EXTNL CAU	-1	INAPPLICABLE	2	25110.82
DIG000	DISEASES OF THE DIGESTIVE SYSTEM	NEO000	NEOPLASMS	-1	INAPPLICABLE	8	76119.07
DIG000	DISEASES OF THE DIGESTIVE SYSTEM	SYM000	SYMPTOMS, SIGNS AND ABNORMAL CLINICAL & LAB FINDINGS, NEC	-1	INAPPLICABLE	13	139334.88
DIG001	INTESTINAL INFECTION	INF003	BACTERIAL INFECTIONS	-1	INAPPLICABLE	25	260984.87
DIG001	INTESTINAL INFECTION	INF008	VIRAL INFECTION	-1	INAPPLICABLE	80	923524.80

CCSR1X VALUE	CCSR1X LABEL	CCSR2X VALUE	CCSR2X LABEL	CCSR3X VALUE	CCSR3X LABEL	UNWEIGHTED	WEIGHTED BY perwt20f
DIG001	INTESTINAL INFECTION	INF009	PARASITIC, OTHER SPECIFIED AND UNSPECIFIED INFECTIONS	-1	INAPPLICABLE	33	346632.29
DIG002	DISORDERS OF TEETH AND GINGIVA	-1	INAPPLICABLE	-1	INAPPLICABLE	543	6485687.60
DIG003	DISEASES OF MOUTH; EXCLUDING DENTAL	-1	INAPPLICABLE	-1	INAPPLICABLE	60	759928.87
DIG003	DISEASES OF MOUTH; EXCLUDING DENTAL	INF004	FUNGAL INFECTIONS	-1	INAPPLICABLE	22	257401.11
DIG004	ESOPHAGEAL DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	1635	18412031.07
DIG005	GASTRODUODENAL ULCER	-1	INAPPLICABLE	-1	INAPPLICABLE	71	728438.46
DIG007	GASTRITIS AND DUODENITIS	-1	INAPPLICABLE	-1	INAPPLICABLE	135	1259856.70
DIG008	OTH SPECIFIED & UNSPECIFIED DISORDERS OF STOMACH & DUODEN	-1	INAPPLICABLE	-1	INAPPLICABLE	352	3641929.81
DIG009	APPENDICITIS AND OTHER APPENDICEAL CONDITIONS	-1	INAPPLICABLE	-1	INAPPLICABLE	22	223092.81
DIG010	ABDOMINAL HERNIA	-1	INAPPLICABLE	-1	INAPPLICABLE	200	2157592.58
DIG011	REGIONAL ENTERITIS AND ULCERATIVE COLITIS	-1	INAPPLICABLE	-1	INAPPLICABLE	84	1274799.87
DIG012	INTESTINAL OBSTRUCTION AND ILEUS	-1	INAPPLICABLE	-1	INAPPLICABLE	39	398000.72
DIG013	DIVERTICULOSIS AND DIVERTICULITIS	-1	INAPPLICABLE	-1	INAPPLICABLE	104	1185979.91
DIG014	HEMORRHOIDS	-1	INAPPLICABLE	-1	INAPPLICABLE	70	881754.72
DIG017	BILIARY TRACT DISEASE	-1	INAPPLICABLE	-1	INAPPLICABLE	118	1273533.93
DIG019	OTHER SPECIFIED AND UNSPECIFIED LIVER DISEASE	-1	INAPPLICABLE	-1	INAPPLICABLE	139	1516900.56
DIG020	PANCREATIC DISORDERS (EXCLUDING DIABETES)	-1	INAPPLICABLE	-1	INAPPLICABLE	25	318058.14
DIG021	GASTROINTESTINAL HEMORRHAGE	-1	INAPPLICABLE	-1	INAPPLICABLE	38	344293.48
DIG022	NONINFECTIOUS GASTROENTERITIS	-1	INAPPLICABLE	-1	INAPPLICABLE	56	617591.39
DIG025	OTHER SPECIFIED AND UNSPECIFIED GASTROINTESTINAL DISORDER	-1	INAPPLICABLE	-1	INAPPLICABLE	560	6044119.26
EAR000	DISEASES OF THE EAR AND MASTOID PROCESS	-1	INAPPLICABLE	-1	INAPPLICABLE	22	250732.83
EAR001	OTITIS MEDIA	-1	INAPPLICABLE	-1	INAPPLICABLE	396	5256978.17
EAR004	HEARING LOSS	-1	INAPPLICABLE	-1	INAPPLICABLE	247	2780545.49
EAR006	OTHER SPECIFIED AND UNSPECIFIED DISORDERS OF THE EAR	-1	INAPPLICABLE	-1	INAPPLICABLE	289	3527552.95
END000	ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES	-1	INAPPLICABLE	-1	INAPPLICABLE	71	753047.26

CCSR1X VALUE	CCSR1X LABEL	CCSR2X VALUE	CCSR2X LABEL	CCSR3X VALUE	CCSR3X LABEL	UNWEIGHTED	WEIGHTED BY perwt20f
END000	ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES	EYE000	DISEASES OF THE EYE AND ADNEXA	-1	INAPPLICABLE	21	261825.60
END000	ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES	GEN000	DISEASES OF THE GENITOURINARY SYSTEM	-1	INAPPLICABLE	8	106741.67
END000	ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES	NVS000	DISEASES OF THE NERVOUS SYSTEM	-1	INAPPLICABLE	2	13810.65
END000	ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES	PRG000	PREGNANCY, CHILDBIRTH AND THE PUERPERIUM	-1	INAPPLICABLE	6	57656.86
END000	ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES	SKN000	DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE	-1	INAPPLICABLE	13	119973.56
END001	THYROID DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	1995	23184288.12
END002	DIABETES MELLITUS WITHOUT COMPLICATION	END005	DIABETES MELLITUS, TYPE 2	-1	INAPPLICABLE	2649	26717401.65
END003	DIABETES MELLITUS WITH COMPLICATION	END005	DIABETES MELLITUS, TYPE 2	NVS020	OTHER SPECIFIED NERVOUS SYSTEM DISORDERS	44	464967.65
END007	NUTRITIONAL DEFICIENCIES	-1	INAPPLICABLE	-1	INAPPLICABLE	654	6748320.57
END009	OBESITY	-1	INAPPLICABLE	-1	INAPPLICABLE	90	1073051.42
END010	DISORDERS OF LIPID METABOLISM	-1	INAPPLICABLE	-1	INAPPLICABLE	4370	46786044.23
END011	FLUID AND ELECTROLYTE DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	412	4078542.15
END015	OTHER SPECIFIED AND UNSPECIFIED ENDOCRINE DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	243	3282472.65
END016	OTH SPECIFIED & UNSPEC NUTRITIONAL AND METABOLIC DISORDER	-1	INAPPLICABLE	-1	INAPPLICABLE	102	1164043.84
EXT000	EXTERNAL CAUSES OF MORBIDITY	INJ000	INJURY, POISONING & CERTAIN OTH CONSEQUENCES OF EXTNL CAU	-1	INAPPLICABLE	1	39931.57
EYE000	DISEASES OF THE EYE AND ADNEXA	-1	INAPPLICABLE	-1	INAPPLICABLE	78	1050960.68
EYE000	DISEASES OF THE EYE AND ADNEXA	INF000	CERTAIN INFECTIOUS AND PARASITIC DISEASES	-1	INAPPLICABLE	3	34831.83
EYE000	DISEASES OF THE EYE AND ADNEXA	INJ000	INJURY, POISONING & CERTAIN OTH CONSEQUENCES OF EXTNL CAU	-1	INAPPLICABLE	1	6581.03
EYE001	CORNEA AND EXTERNAL DISEASE	-1	INAPPLICABLE	-1	INAPPLICABLE	155	2307903.22
EYE001	CORNEA AND EXTERNAL DISEASE	EYE008	OCULOFACIAL PLASTICS AND ORBITAL CONDITIONS	-1	INAPPLICABLE	20	292821.63

CCSR1X VALUE	CCSR1X LABEL	CCSR2X VALUE	CCSR2X LABEL	CCSR3X VALUE	CCSR3X LABEL	UNWEIGHTED	WEIGHTED BY perwt20f
EYE002	CATARACT AND OTHER LENS DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	571	5905722.93
EYE003	GLAUCOMA	-1	INAPPLICABLE	-1	INAPPLICABLE	500	5257418.42
EYE004	UVEITIS AND OCULAR INFLAMMATION	-1	INAPPLICABLE	-1	INAPPLICABLE	101	1438559.71
EYE005	RETINAL AND VITREOUS CONDITIONS	-1	INAPPLICABLE	-1	INAPPLICABLE	340	3683435.42
EYE008	OCULOFACIAL PLASTICS AND ORBITAL CONDITIONS	-1	INAPPLICABLE	-1	INAPPLICABLE	283	3286438.26
EYE009	REFRACTIVE ERROR	-1	INAPPLICABLE	-1	INAPPLICABLE	378	5360041.30
EYE010	BLINDNESS AND VISION DEFECTS	-1	INAPPLICABLE	-1	INAPPLICABLE	243	2784828.58
EYE012	OTHER SPECIFIED EYE DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	225	2441323.75
FAC000	FACTORS INFLUENCING HEALTH STATUS & CONTACT W/ HEALTH SER	-1	INAPPLICABLE	-1	INAPPLICABLE	130	1529055.17
FAC003	ENCTR FOR OBS, EXAM COND R/O, EXCL INFECT DIS, NPL, MENT	-1	INAPPLICABLE	-1	INAPPLICABLE	513	4824424.97
FAC005	ENCOUNTER FOR PROPHYLACTIC MEASURES (EXCLUDES IMMUNIZATIO	-1	INAPPLICABLE	-1	INAPPLICABLE	112	1119981.14
FAC008	NEOPLASM-RELATED ENCOUNTERS	-1	INAPPLICABLE	-1	INAPPLICABLE	250	3138620.55
FAC009	IMPLANT, DEVICE OR GRAFT RELATED ENCOUNTER	-1	INAPPLICABLE	-1	INAPPLICABLE	316	3442063.88
FAC010	OTHER AFTERCARE ENCOUNTER	-1	INAPPLICABLE	-1	INAPPLICABLE	130	1517303.52
FAC012	OTHER SPECIFIED ENCOUNTERS AND COUNSELING	-1	INAPPLICABLE	-1	INAPPLICABLE	404	4742775.28
FAC013	CONTRACEPTIVE AND PROCREATIVE MANAGEMENT	-1	INAPPLICABLE	-1	INAPPLICABLE	436	6384371.24
FAC014	MEDICAL EXAMINATION/EVALUATION	-1	INAPPLICABLE	-1	INAPPLICABLE	475	5688050.40
FAC016	EXPOSURE, ENCTR, SCREENING OR CONTACT W/ INFECTIOUS DISEA	-1	INAPPLICABLE	-1	INAPPLICABLE	2296	30913635.77
FAC019	SOCIOECONOMIC/PSYCHOSOCIAL FACTORS	-1	INAPPLICABLE	-1	INAPPLICABLE	59	919272.19
FAC020	LIFESTYLE/LIFE MANAGEMENT FACTORS	-1	INAPPLICABLE	-1	INAPPLICABLE	28	309200.96
FAC021	PERSONAL/FAMILY HISTORY OF DISEASE	-1	INAPPLICABLE	-1	INAPPLICABLE	26	338878.70
FAC022	ACQUIRED ABSENCE OF LIMB OR ORGAN	-1	INAPPLICABLE	-1	INAPPLICABLE	71	761864.92
FAC023	ORGAN TRANSPLANT STATUS	-1	INAPPLICABLE	-1	INAPPLICABLE	37	376042.81
FAC025	OTHER SPECIFIED STATUS	-1	INAPPLICABLE	-1	INAPPLICABLE	342	3760741.44
GEN000	DISEASES OF THE GENITOURINARY SYSTEM	-1	INAPPLICABLE	-1	INAPPLICABLE	87	1062934.57

CCSR1X VALUE	CCSR1X LABEL	CCSR2X VALUE	CCSR2X LABEL	CCSR3X VALUE	CCSR3X LABEL	UNWEIGHTED	WEIGHTED BY perwt20f
GEN000	DISEASES OF THE GENITOURINARY SYSTEM	INF000	CERTAIN INFECTIOUS AND PARASITIC DISEASES	-1	INAPPLICABLE	4	73757.44
GEN000	DISEASES OF THE GENITOURINARY SYSTEM	PRG000	PREGNANCY, CHILDBIRTH AND THE PUERPERIUM	-1	INAPPLICABLE	1	8533.07
GEN001	NEPHRITIS; NEPHROSIS; RENAL SCLEROSIS	-1	INAPPLICABLE	-1	INAPPLICABLE	48	493644.86
GEN002	ACUTE AND UNSPECIFIED RENAL FAILURE	-1	INAPPLICABLE	-1	INAPPLICABLE	98	876861.68
GEN003	CHRONIC KIDNEY DISEASE	-1	INAPPLICABLE	-1	INAPPLICABLE	44	513942.07
GEN004	URINARY TRACT INFECTIONS	-1	INAPPLICABLE	-1	INAPPLICABLE	732	8700572.68
GEN005	CALCULUS OF URINARY TRACT	-1	INAPPLICABLE	-1	INAPPLICABLE	192	2297837.23
GEN006	OTH SPECIFIED AND UNSPECIFIED DISEASES OF KIDNEY AND URET	-1	INAPPLICABLE	-1	INAPPLICABLE	276	2618624.91
GEN007	OTH SPECIFIED & UNSPECIFIED DISEASES OF BLADDER AND URETH	-1	INAPPLICABLE	-1	INAPPLICABLE	178	2054202.30
GEN008	URINARY INCONTINENCE	-1	INAPPLICABLE	-1	INAPPLICABLE	166	1713514.28
GEN009	HEMATURIA	-1	INAPPLICABLE	-1	INAPPLICABLE	42	481330.29
GEN012	HYPERPLASIA OF PROSTATE	-1	INAPPLICABLE	-1	INAPPLICABLE	282	3088796.34
GEN013	INFLAMMATORY CONDITIONS OF MALE GENITAL ORGANS	-1	INAPPLICABLE	-1	INAPPLICABLE	30	325587.55
GEN014	ERECTILE DYSFUNCTION	-1	INAPPLICABLE	-1	INAPPLICABLE	78	818990.54
GEN016	OTHER SPECIFIED MALE GENITAL DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	201	2186683.62
GEN017	NONMALIGNANT BREAST CONDITIONS	-1	INAPPLICABLE	-1	INAPPLICABLE	163	1915400.16
GEN018	INFLAMMATORY DISEASES OF FEMALE PELVIC ORGANS	-1	INAPPLICABLE	-1	INAPPLICABLE	38	490816.88
GEN018	INFLAMMATORY DISEASES OF FEMALE PELVIC ORGANS	GEN025	OTHER SPECIFIED FEMALE GENITAL DISORDERS	INF004	FUNGAL INFECTIONS	61	694477.97
GEN019	ENDOMETRIOSIS	-1	INAPPLICABLE	-1	INAPPLICABLE	34	514105.50
GEN020	PROLAPSE OF FEMALE GENITAL ORGANS	-1	INAPPLICABLE	-1	INAPPLICABLE	32	434889.57
GEN021	MENSTRUAL DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	130	1789195.94
GEN022	BENIGN OVARIAN CYST	-1	INAPPLICABLE	-1	INAPPLICABLE	51	673322.61
GEN023	MENOPAUSAL DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	270	3426265.41
GEN025	OTHER SPECIFIED FEMALE GENITAL DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	152	1790669.96
INF000	CERTAIN INFECTIOUS AND PARASITIC DISEASES	-1	INAPPLICABLE	-1	INAPPLICABLE	52	670643.93

CCSR1X VALUE	CCSR1X LABEL	CCSR2X VALUE	CCSR2X LABEL	CCSR3X VALUE	CCSR3X LABEL	UNWEIGHTED	WEIGHTED BY perwt20f
INF000	CERTAIN INFECTIOUS AND PARASITIC DISEASES	MUS000	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TIS	-1	INAPPLICABLE	5	42212.95
INF000	CERTAIN INFECTIOUS AND PARASITIC DISEASES	NVS000	DISEASES OF THE NERVOUS SYSTEM	-1	INAPPLICABLE	1	7809.18
INF000	CERTAIN INFECTIOUS AND PARASITIC DISEASES	PNL000	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	-1	INAPPLICABLE	1	32676.07
INF000	CERTAIN INFECTIOUS AND PARASITIC DISEASES	RSP000	DISEASES OF THE RESPIRATORY SYSTEM	-1	INAPPLICABLE	9	97594.66
INF000	CERTAIN INFECTIOUS AND PARASITIC DISEASES	SKN000	DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE	-1	INAPPLICABLE	1	15305.35
INF002	SEPTICEMIA	INF003	BACTERIAL INFECTIONS	-1	INAPPLICABLE	34	384878.55
INF003	BACTERIAL INFECTIONS	-1	INAPPLICABLE	-1	INAPPLICABLE	118	1536270.65
INF003	BACTERIAL INFECTIONS	RSP006	OTHER SPECIFIED UPPER RESPIRATORY INFECTIONS	-1	INAPPLICABLE	193	2941111.39
INF004	FUNGAL INFECTIONS	-1	INAPPLICABLE	-1	INAPPLICABLE	267	2900235.75
INF006	HIV INFECTION	-1	INAPPLICABLE	-1	INAPPLICABLE	52	495924.55
INF007	HEPATITIS	INF008	VIRAL INFECTION	-1	INAPPLICABLE	34	287799.60
INF008	VIRAL INFECTION	-1	INAPPLICABLE	-1	INAPPLICABLE	373	4735493.68
INF008	VIRAL INFECTION	SKN007	OTHER SPECIFIED AND UNSPECIFIED SKIN DISORDERS	-1	INAPPLICABLE	102	1402988.46
INF009	PARASITIC, OTHER SPECIFIED AND UNSPECIFIED INFECTIONS	-1	INAPPLICABLE	-1	INAPPLICABLE	97	1083197.72
INF012	CORONAVIRUS DISEASE - 2019 (COVID-19)	-1	INAPPLICABLE	-1	INAPPLICABLE	975	12520598.16
INJ000	INJURY, POISONING & CERTAIN OTH CONSEQUENCES OF EXTNL CAU	-1	INAPPLICABLE	-1	INAPPLICABLE	182	2015385.57
INJ000	INJURY, POISONING & CERTAIN OTH CONSEQUENCES OF EXTNL CAU	MBD000	MENTAL, BEHAVIORAL AND NEURODEVELOPMENTAL DISORDERS	-1	INAPPLICABLE	3	20072.09
INJ000	INJURY, POISONING & CERTAIN OTH CONSEQUENCES OF EXTNL CAU	NVS000	DISEASES OF THE NERVOUS SYSTEM	-1	INAPPLICABLE	2	29701.67
INJ000	INJURY, POISONING & CERTAIN OTH CONSEQUENCES OF EXTNL CAU	SKN000	DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE	-1	INAPPLICABLE	4	46469.15
INJ027	OTHER UNSPECIFIED INJURY	-1	INAPPLICABLE	-1	INAPPLICABLE	91	1077776.23
INJ031	ALLERGIC REACTIONS	RSP007	OTHER SPECIFIED AND UNSPECIFIED UPPER RESPIRATORY DISEASE	-1	INAPPLICABLE	781	9226553.00
INJ031	ALLERGIC REACTIONS	SKN002	OTHER SPECIFIED INFLAMMATORY CONDITION OF SKIN	-1	INAPPLICABLE	31	352284.37

CCSR1X VALUE	CCSR1X LABEL	CCSR2X VALUE	CCSR2X LABEL	CCSR3X VALUE	CCSR3X LABEL	UNWEIGHTED	WEIGHTED BY perwt20f
INJ031	ALLERGIC REACTIONS	SKN005	CONTACT DERMATITIS	-1	INAPPLICABLE	126	1572474.90
INJ031	ALLERGIC REACTIONS	SKN007	OTHER SPECIFIED AND UNSPECIFIED SKIN DISORDERS	-1	INAPPLICABLE	269	3343916.79
INJ038	FRACTURE OF HEAD AND NECK, SUBSEQUENT ENCOUNTER	-1	INAPPLICABLE	-1	INAPPLICABLE	28	319905.95
INJ039	FRACTURE OF THE SPINE AND BACK, SUBSEQUENT ENCOUNTER	-1	INAPPLICABLE	-1	INAPPLICABLE	62	705540.09
INJ040	FRACTURE OF TORSO, SUBSEQUENT ENCOUNTER	-1	INAPPLICABLE	-1	INAPPLICABLE	54	637081.33
INJ041	FRACTURE OF THE UPPER LIMB, SUBSEQUENT ENCOUNTER	-1	INAPPLICABLE	-1	INAPPLICABLE	199	2604120.33
INJ042	FRACTURE OF LOWER LIMB (EXCEPT HIP), SUBSEQUENT ENCOUNTER	-1	INAPPLICABLE	-1	INAPPLICABLE	224	2833265.69
INJ043	FRACTURE OF THE NECK OF THE FEMUR (HIP), SUBSEQUENT ENCTR	-1	INAPPLICABLE	-1	INAPPLICABLE	38	480291.22
INJ044	DISLOCATIONS, SUBSEQUENT ENCOUNTER	-1	INAPPLICABLE	-1	INAPPLICABLE	42	558723.03
INJ045	TRAUMATIC BRAIN INJURY (TBI); CONCUSSION, SUBSEQUENT ENCT	-1	INAPPLICABLE	-1	INAPPLICABLE	77	1054236.86
INJ048	OPEN WOUNDS OF HEAD AND NECK, SUBSEQUENT ENCOUNTER	-1	INAPPLICABLE	-1	INAPPLICABLE	55	714763.96
INJ049	OPEN WOUNDS TO LIMBS, SUBSEQUENT ENCOUNTER	-1	INAPPLICABLE	-1	INAPPLICABLE	112	1400921.61
INJ054	SUPERFICIAL INJURY; CONTUSION, SUBSEQUENT ENCOUNTER	-1	INAPPLICABLE	-1	INAPPLICABLE	77	945757.57
INJ057	EFFECT OF FOREIGN BODY ENTERING OPENING, SUBSEQUENT ENCTR	-1	INAPPLICABLE	-1	INAPPLICABLE	52	717350.15
INJ060	TOXIC EFFECTS, SUBSEQUENT ENCOUNTER	-1	INAPPLICABLE	-1	INAPPLICABLE	97	1144283.26
INJ061	SPRAINS AND STRAINS, SUBSEQUENT ENCOUNTER	-1	INAPPLICABLE	-1	INAPPLICABLE	620	7966148.95
INJ064	OTHER UNSPECIFIED INJURIES, SUBSEQUENT ENCOUNTER	-1	INAPPLICABLE	-1	INAPPLICABLE	843	10030812.90
INJ067	ALLERGIC REACTIONS, SUBSEQUENT ENCOUNTER	-1	INAPPLICABLE	-1	INAPPLICABLE	722	7884669.64
INJ072	COMPLC OF OTHER SURGICAL/MEDICAL CARE, INJURY, SUBSEQ ENC	-1	INAPPLICABLE	-1	INAPPLICABLE	55	557204.35
MAL000	CONGENITAL MALFORMATIONS, DEFORMATIONS & CHROMOSOMAL ABNO	-1	INAPPLICABLE	-1	INAPPLICABLE	46	602959.18
MAL001	CARDIAC AND CIRCULATORY CONGENITAL ANOMALIES	-1	INAPPLICABLE	-1	INAPPLICABLE	27	456843.04

CCSR1X VALUE	CCSR1X LABEL	CCSR2X VALUE	CCSR2X LABEL	CCSR3X VALUE	CCSR3X LABEL	UNWEIGHTED	WEIGHTED BY perwt20f
MAL008	MUSCULOSKELETAL CONGENITAL CONDITIONS	-1	INAPPLICABLE	-1	INAPPLICABLE	20	321090.98
MBD000	MENTAL, BEHAVIORAL AND NEURODEVELOPMENTAL DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	92	1161108.53
MBD000	MENTAL, BEHAVIORAL AND NEURODEVELOPMENTAL DISORDERS	PRG000	PREGNANCY, CHILDBIRTH AND THE PUERPERIUM	-1	INAPPLICABLE	1	20701.21
MBD001	SCHIZOPHRENIA SPECTRUM AND OTHER PSYCHOTIC DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	98	979064.10
MBD002	DEPRESSIVE DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	1890	22361767.52
MBD003	BIPOLAR AND RELATED DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	282	2914682.01
MBD004	OTHER SPECIFIED AND UNSPECIFIED MOOD DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	108	1309311.58
MBD005	ANXIETY AND FEAR-RELATED DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	2230	27794869.84
MBD006	OBSESSIVE-COMPULSIVE AND RELATED DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	60	841791.54
MBD007	TRAUMA- AND STRESSOR-RELATED DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	446	5290745.51
MBD008	DISRUPTIVE, IMPULSE-CONTROL AND CONDUCT DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	52	569092.38
MBD013	MISCELLANEOUS MENTAL AND BEHAVIORAL DISORDERS/CONDITIONS	-1	INAPPLICABLE	-1	INAPPLICABLE	224	2848269.53
MBD014	NEURODEVELOPMENTAL DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	842	10737104.45
MBD017	ALCOHOL-RELATED DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	29	307997.99
MBD018	OPIOID-RELATED DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	20	239964.28
MBD024	TOBACCO-RELATED DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	26	235181.34
MBD025	OTHER SPECIFIED SUBSTANCE-RELATED DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	41	431038.96
MUS000	DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TIS	-1	INAPPLICABLE	-1	INAPPLICABLE	152	1708540.42
MUS003	RHEUMATOID ARTHRITIS AND RELATED DISEASE	-1	INAPPLICABLE	-1	INAPPLICABLE	424	4273066.32
MUS005	OTHER SPECIFIED CHRONIC ARTHROPATHY	SKN002	OTHER SPECIFIED INFLAMMATORY CONDITION OF SKIN	-1	INAPPLICABLE	20	275283.42
MUS006	OSTEOARTHRITIS	-1	INAPPLICABLE	-1	INAPPLICABLE	1809	18546270.86
MUS007	OTHER SPECIFIED JOINT DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	316	3397377.32
MUS009	TENDON AND SYNOVIAL DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	305	3275609.54
MUS010	MUSCULOSKELETAL PAIN, NOT LOW BACK PAIN	-1	INAPPLICABLE	-1	INAPPLICABLE	2434	27358622.99

CCSR1X VALUE	CCSR1X LABEL	CCSR2X VALUE	CCSR2X LABEL	CCSR3X VALUE	CCSR3X LABEL	UNWEIGHTED	WEIGHTED BY perwt20f
MUS011	SPONDYLOPATHIES/SPONDYLOARTHROPATHY (INCLUDING INFECTIVE)	-1	INAPPLICABLE	-1	INAPPLICABLE	828	9501034.80
MUS011	SPONDYLOPATHIES/SPONDYLOARTHROPATHY (INCLUDING INFECTIVE)	MUS038	LOW BACK PAIN	-1	INAPPLICABLE	546	6168490.90
MUS013	OSTEOPOROSIS	-1	INAPPLICABLE	-1	INAPPLICABLE	210	2171439.02
MUS021	ACQUIRED FOOT DEFORMITIES	-1	INAPPLICABLE	-1	INAPPLICABLE	95	1120123.27
MUS022	SCOLIOSIS AND OTHER POSTURAL DORSOPATHIC DEFORMITIES	-1	INAPPLICABLE	-1	INAPPLICABLE	108	1354487.04
MUS024	SYSTEMIC LUPUS ERYTHEMATOSUS AND CONNECTIVE TISSUE DISORD	-1	INAPPLICABLE	-1	INAPPLICABLE	119	1407396.60
MUS025	OTHER SPECIFIED CONNECTIVE TISSUE DISEASE	-1	INAPPLICABLE	-1	INAPPLICABLE	737	8473171.95
MUS026	MUSCLE DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	197	2109511.56
MUS028	OTHER SPECIFIED BONE DISEASE AND MUSCULOSKELETAL DEFORMIT	-1	INAPPLICABLE	-1	INAPPLICABLE	255	2895300.73
MUS029	DISORDERS OF JAW	-1	INAPPLICABLE	-1	INAPPLICABLE	20	357873.07
MUS033	GOUT	-1	INAPPLICABLE	-1	INAPPLICABLE	341	3594413.69
MUS038	LOW BACK PAIN	-1	INAPPLICABLE	-1	INAPPLICABLE	337	4006952.93
NEO000	NEOPLASMS	-1	INAPPLICABLE	-1	INAPPLICABLE	232	2506080.73
NEO000	NEOPLASMS	NVS000	DISEASES OF THE NERVOUS SYSTEM	-1	INAPPLICABLE	3	29684.74
NEO015	GASTROINTESTINAL CANCERS - COLORECTAL	-1	INAPPLICABLE	-1	INAPPLICABLE	67	691768.68
NEO022	RESPIRATORY CANCERS	-1	INAPPLICABLE	-1	INAPPLICABLE	57	550546.67
NEO025	SKIN CANCERS - MELANOMA	-1	INAPPLICABLE	-1	INAPPLICABLE	155	1682493.51
NEO026	SKIN CANCERS - BASAL CELL CARCINOMA	-1	INAPPLICABLE	-1	INAPPLICABLE	76	999082.89
NEO027	SKIN CANCERS - SQUAMOUS CELL CARCINOMA	-1	INAPPLICABLE	-1	INAPPLICABLE	47	484824.40
NEO028	SKIN CANCERS - ALL OTHER TYPES	-1	INAPPLICABLE	-1	INAPPLICABLE	436	5020546.52
NEO030	BREAST CANCER - ALL OTHER TYPES	-1	INAPPLICABLE	-1	INAPPLICABLE	218	2203536.66
NEO031	FEMALE REPRODUCTIVE SYSTEM CANCERS - UTERUS	-1	INAPPLICABLE	-1	INAPPLICABLE	24	222421.23
NEO039	MALE REPRODUCTIVE SYSTEM CANCERS - PROSTATE	-1	INAPPLICABLE	-1	INAPPLICABLE	174	1882877.39
NEO043	URINARY SYSTEM CANCERS - BLADDER	-1	INAPPLICABLE	-1	INAPPLICABLE	38	407543.12
NEO045	URINARY SYSTEM CANCERS - KIDNEY	-1	INAPPLICABLE	-1	INAPPLICABLE	30	344507.68
NEO050	ENDOCRINE SYSTEM CANCERS - THYROID	-1	INAPPLICABLE	-1	INAPPLICABLE	70	970133.40
NEO058	NON-HODGKIN LYMPHOMA	-1	INAPPLICABLE	-1	INAPPLICABLE	47	488864.76

CCSR1X VALUE	CCSR1X LABEL	CCSR2X VALUE	CCSR2X LABEL	CCSR3X VALUE	CCSR3X LABEL	UNWEIGHTED	WEIGHTED BY perwt20f
NEO064	LEUKEMIA - ALL OTHER TYPES	-1	INAPPLICABLE	-1	INAPPLICABLE	54	587622.64
NEO072	NEOPLASMS OF UNSPECIFIED NATURE OR UNCERTAIN BEHAVIOR	-1	INAPPLICABLE	-1	INAPPLICABLE	224	2703168.21
NEO073	BENIGN NEOPLASMS	-1	INAPPLICABLE	-1	INAPPLICABLE	268	3247530.88
NVS000	DISEASES OF THE NERVOUS SYSTEM	-1	INAPPLICABLE	-1	INAPPLICABLE	110	1162986.12
NVS000	DISEASES OF THE NERVOUS SYSTEM	SYM000	SYMPTOMS, SIGNS AND ABNORMAL CLINICAL & LAB FINDINGS, NEC	-1	INAPPLICABLE	2	25005.03
NVS004	PARKINSON`S DISEASE	-1	INAPPLICABLE	-1	INAPPLICABLE	62	695053.52
NVS005	MULTIPLE SCLEROSIS	-1	INAPPLICABLE	-1	INAPPLICABLE	62	798447.09
NVS006	OTH SPECIFIED HEREDITARY & DEGENERATIVE NERVOUS SYSTEM CO	-1	INAPPLICABLE	-1	INAPPLICABLE	26	323635.10
NVS006	OTH SPECIFIED HEREDITARY & DEGENERATIVE NERVOUS SYSTEM CO	NVS016	SLEEP WAKE DISORDERS	-1	INAPPLICABLE	163	1716717.86
NVS009	EPILEPSY; CONVULSIONS	-1	INAPPLICABLE	-1	INAPPLICABLE	272	3146942.23
NVS010	HEADACHE; INCLUDING MIGRAINE	-1	INAPPLICABLE	-1	INAPPLICABLE	546	6856389.78
NVS010	HEADACHE; INCLUDING MIGRAINE	SYM010	NERVOUS SYSTEM SIGNS AND SYMPTOMS	-1	INAPPLICABLE	180	2016182.66
NVS011	NEUROCOGNITIVE DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	149	1626641.60
NVS012	TRANSIENT CEREBRAL ISCHEMIA	-1	INAPPLICABLE	-1	INAPPLICABLE	345	3360707.69
NVS015	POLYNEUROPATHIES	-1	INAPPLICABLE	-1	INAPPLICABLE	285	3124316.11
NVS016	SLEEP WAKE DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	1374	15204424.72
NVS017	NERVE AND NERVE ROOT DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	295	3101395.54
NVS018	MYOPATHIES	-1	INAPPLICABLE	-1	INAPPLICABLE	23	279947.70
NVS019	NERVOUS SYSTEM PAIN AND PAIN SYNDROMES	-1	INAPPLICABLE	-1	INAPPLICABLE	343	3674302.05
NVS020	OTHER SPECIFIED NERVOUS SYSTEM DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	47	500970.04
PNL000	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	-1	INAPPLICABLE	-1	INAPPLICABLE	10	211167.76
PNL001	LIVEBORN	-1	INAPPLICABLE	-1	INAPPLICABLE	39	605718.75
PRG000	PREGNANCY, CHILDBIRTH AND THE PUERPERIUM	-1	INAPPLICABLE	-1	INAPPLICABLE	73	852179.07
PRG029	UNCOMPLICATED PREGNANCY, DELIVERY OR PUERPERIUM	-1	INAPPLICABLE	-1	INAPPLICABLE	359	4516147.17
RSP000	DISEASES OF THE RESPIRATORY SYSTEM	-1	INAPPLICABLE	-1	INAPPLICABLE	56	664475.85
RSP001	SINUSITIS	-1	INAPPLICABLE	-1	INAPPLICABLE	516	6285911.30
RSP002	PNEUMONIA (EXCEPT THAT CAUSED BY TUBERCULOSIS)	-1	INAPPLICABLE	-1	INAPPLICABLE	299	3250797.05

CCSR1X VALUE	CCSR1X LABEL	CCSR2X VALUE	CCSR2X LABEL	CCSR3X VALUE	CCSR3X LABEL	UNWEIGHTED	WEIGHTED BY perwt20f
RSP003	INFLUENZA	-1	INAPPLICABLE	-1	INAPPLICABLE	505	6725993.20
RSP004	ACUTE AND CHRONIC TONSILLITIS	-1	INAPPLICABLE	-1	INAPPLICABLE	49	633729.95
RSP005	ACUTE BRONCHITIS	-1	INAPPLICABLE	-1	INAPPLICABLE	257	3281084.56
RSP006	OTHER SPECIFIED UPPER RESPIRATORY INFECTIONS	-1	INAPPLICABLE	-1	INAPPLICABLE	557	7132098.46
RSP007	OTHER SPECIFIED AND UNSPECIFIED UPPER RESPIRATORY DISEASE	-1	INAPPLICABLE	-1	INAPPLICABLE	298	3522662.09
RSP008	CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND BRONCHIECTASIS	-1	INAPPLICABLE	-1	INAPPLICABLE	618	5635659.72
RSP009	ASTHMA	-1	INAPPLICABLE	-1	INAPPLICABLE	1722	18798693.34
RSP016	OTHER SPECIFIED AND UNSPECIFIED LOWER RESPIRATORY DISEASE	-1	INAPPLICABLE	-1	INAPPLICABLE	198	2268352.00
SKN000	DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE	-1	INAPPLICABLE	-1	INAPPLICABLE	52	604528.34
SKN001	SKIN AND SUBCUTANEOUS TISSUE INFECTIONS	-1	INAPPLICABLE	-1	INAPPLICABLE	307	3537678.07
SKN002	OTHER SPECIFIED INFLAMMATORY CONDITION OF SKIN	-1	INAPPLICABLE	-1	INAPPLICABLE	551	7853589.92
SKN005	CONTACT DERMATITIS	-1	INAPPLICABLE	-1	INAPPLICABLE	30	444767.77
SKN007	OTHER SPECIFIED AND UNSPECIFIED SKIN DISORDERS	-1	INAPPLICABLE	-1	INAPPLICABLE	955	11294642.76
SYM000	SYMPTOMS, SIGNS AND ABNORMAL CLINICAL & LAB FINDINGS, NEC	-1	INAPPLICABLE	-1	INAPPLICABLE	80	1030517.20
SYM001	SYNCOPE	-1	INAPPLICABLE	-1	INAPPLICABLE	43	461735.49
SYM002	FEVER	-1	INAPPLICABLE	-1	INAPPLICABLE	160	2238068.17
SYM004	NAUSEA AND VOMITING	-1	INAPPLICABLE	-1	INAPPLICABLE	234	2908331.71
SYM005	DYSPHAGIA	-1	INAPPLICABLE	-1	INAPPLICABLE	25	280879.44
SYM006	ABDOMINAL PAIN & OTHER DIGESTIVE/ABDOMEN SIGNS AND SYMPTO	-1	INAPPLICABLE	-1	INAPPLICABLE	556	6160619.80
SYM007	MALAISE AND FATIGUE	-1	INAPPLICABLE	-1	INAPPLICABLE	95	1071360.85
SYM008	SYMPTOMS OF MENTAL AND SUBSTANCE USE CONDITIONS	-1	INAPPLICABLE	-1	INAPPLICABLE	49	502108.71
SYM010	NERVOUS SYSTEM SIGNS AND SYMPTOMS	-1	INAPPLICABLE	-1	INAPPLICABLE	346	3793586.62
SYM011	GENITOURINARY SIGNS AND SYMPTOMS	-1	INAPPLICABLE	-1	INAPPLICABLE	198	2166437.81
SYM012	CIRCULATORY SIGNS AND SYMPTOMS	-1	INAPPLICABLE	-1	INAPPLICABLE	415	4732864.79
SYM013	RESPIRATORY SIGNS AND SYMPTOMS	-1	INAPPLICABLE	-1	INAPPLICABLE	623	6886014.34
SYM014	SKIN/SUBCUTANEOUS SIGNS AND SYMPTOMS	-1	INAPPLICABLE	-1	INAPPLICABLE	450	5354052.26

CCSR1X VALUE	CCSR1X LABEL	CCSR2X VALUE	CCSR2X LABEL	CCSR3X VALUE	CCSR3X LABEL	UNWEIGHTED	WEIGHTED BY perwt20f
SYM015	GENERAL SENSATION/PERCEPTION SIGNS AND SYMPTOMS	-1	INAPPLICABLE	-1	INAPPLICABLE	285	3345960.92
SYM016	OTHER GENERAL SIGNS AND SYMPTOMS	-1	INAPPLICABLE	-1	INAPPLICABLE	1118	11366505.66
SYM017	ABNORMAL FINDINGS WITHOUT DIAGNOSIS	-1	INAPPLICABLE	-1	INAPPLICABLE	417	4636269.95
						80802	920067736.07

Appendix 2
List of Conditions Asked in
Priority Conditions Enumeration Section

Angina/Angina Pectoris

Arthritis

Asthma

Attention Deficit Hyperactivity Disorder (ADHD)/Attention Deficit Disorder (ADD)

Cancer/Malignancy

Chronic Bronchitis

Coronary Heart Disease

Diabetes/Sugar Diabetes

Emphysema

Heart Attack/Myocardial Infarction (MI)

High Cholesterol

Hypertension/High Blood Pressure

Joint Pain

Other Heart Disease (not coronary heart disease, angina, or heart attack)

Stroke/Transient Ischemic Attack (TIA)/Mini-stroke