MEPS HC-052
2000 Medical Conditions

June 2003

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

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A. Data Use Agreement

Individual identifiers have been removed from the macro-data contained in the files on this CD-ROM. Nevertheless, under sections 308 (d) and 903 (c) of the Public Health Service Act (42 U.S.C. 242m and 42 U.S.C. 299 a-I), 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 it was 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.

3. No one will attempt to link this data set with individually identifiable records from any data sets other than the Medical Expenditure Panel Survey or the National Health Interview Survey.

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

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

B. Background

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

MEPS is conducted to provide nationally representative estimates of health care use, expenditures, sources of payment, and insurance coverage for the U.S. civilian noninstitutionalized population. MEPS is cosponsored by the Agency for Healthcare Research and Quality (AHRQ) and the National Center for Health Statistics (NCHS).

MEPS is a family of three surveys. The Household Component (HC) is the core survey and forms the basis for the Medical Provider Component (MPC) and part of the Insurance Component (IC). Together these surveys yield comprehensive data that provide national estimates of the level and distribution of health care use and expenditures, support health services research, and can be used to assess health care policy implications.

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

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

1.0   Household Component (HC)

The MEPS HC, a nationally representative survey of the U.S. civilian noninstitutionalized population, collects medical expenditure data at both the person and household levels. The HC collects detailed data on demographic characteristics, health conditions, health status, use of medical care services, charges and payments, access to care, satisfaction with care, health insurance coverage, income, and employment.

The HC uses an overlapping panel design in which data are collected through a preliminary contact followed by a series of five rounds of interviews over a 2½-year

period. Using computer-assisted personal interviewing (CAPI) technology, data on medical expenditures and use for 2 calendar years are collected from each household. This series of data collection rounds is launched each subsequent year on a new sample of households to provide overlapping panels of survey data and, when combined with other ongoing panels, will provide continuous and current estimates of health care expenditures.

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

2.0   Medical Provider Component (MPC)

The MEPS MPC supplements and/or replaces information on medical care events reported in the MEPS HC by contacting medical providers and pharmacies identified by household respondents. The MPC sample includes all home health agencies and pharmacies reported by HC respondents. Office-based physicians, hospitals, and hospital physicians are also included in the MPC but may be subsampled at various rates, depending on burden and resources, in certain years.

Data are collected on medical and financial characteristics of medical and pharmacy events reported by HC respondents. The MPC is conducted through telephone interviews and record abstraction.

3.0   Insurance Component (IC)

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

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

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

To provide an integrated picture of health insurance, data collected from the first sampling frame (employers and other insurance providers identified by MEPS HC respondents) are linked back to data provided by those respondents. Data collected from the two Census Bureau sampling frames are used to produce annual national and State estimates of the supply and cost of private health insurance available to American workers and to evaluate policy issues pertaining to health insurance. National estimates of employer contributions to group health insurance from the MEPS IC are used in the computation of Gross Domestic Product (GDP) by the Bureau of Economic Analysis.

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

4.0   Survey Management

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

As soon as data collection and editing are completed, the MEPS survey data are released to the public in staged releases of summary reports, microdata files, and compendiums of tables. Data are also released through MEPSnet, an online interactive tool developed to give users the ability to statistically analyze MEPS data in real time. Summary reports and compendiums of tables are released as printed documents and electronic files. Microdata files are released on CD-ROM and/or as electronic files.

Printed documents and selected public use file data on CD-ROMs are available through the AHRQ Publications Clearinghouse. Write or call:

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

Be sure to specify the AHRQ number of the document or CD-ROM you are requesting. Selected electronic files are available through the Internet on the MEPS Web site:

>   http://www.meps.ahrq.gov/

Additional information on MEPS is available from the MEPS project manager or the MEPS public use data manager at the Center for Cost and Financing Studies, Agency for Healthcare Research and Quality.

C. Technical Information

1.0   General Information

This documentation describes the data contained in MEPS Public Use Release HC-052, which is one in a series of public use data files to be released from 2000 of the Medical Expenditure Panel Survey Household Component (MEPS HC).

Released in ASCII and SAS formats, 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 2000 MEPS HC.

This file contains 72,624 records. Each record represents one household-reported medical condition reported in the 2000 portion of Round 3, and Rounds 4 and 5 for Panel 4, as well as Rounds 1 and 2 of Panel 5, and the 2000 portion of Round 3 for Panel 5 (i.e., Rounds for MEPS panels covering calendar year 2000).

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

Data File Information
Survey Sample Information
Merging MEPS Data Files
Appendices
        Variable to Source Crosswalk
        Detailed ICD-9 Condition, Procedure, and Clinical Classification Code
        Frequencies
        List of Priority Conditions

A codebook of all the variables included in the 2000 Medical Conditions File is provided in a separate file (H52CB.PDF). The Readme file contains the programming information.

For more information on MEPS survey design see Cohen, 1997; Cohen 1997; and Cohen 1996. A copy of the survey instrument used to collect this information on this file is available on the MEPS web site: http://www.meps.ahrq.gov.

2.0   Data File Information

This file contains 72,624 records. Each record represents one household-reported medical condition reported in the 2000 portion of Round 3, and Rounds 4 and 5 for Panel 4, as well as Rounds 1 and 2 of Panel 5, and the 2000 portion of Round 3 for Panel 5 (i.e., Rounds for MEPS panels covering calendar year 2000). Records included on this file met criterion 1 below and one of criteria 2 - 6.

1)	The condition is reported by a household survey respondent residing in an eligible responding household.

2)	The condition is reported during Rounds 4 and 5 of Panel 4 or Rounds 1 and 2 of Panels 3; or

3)	The condition was identified as a priority condition in Panel 4 Rounds 1 or 2 (limited data are available on this file for these records, see Section 2.5.2 for details); or

4)	The condition is reported in Round 3 of Panel 4 and links to a 2000 medical provider visit or a medication prescribed in 2000; or

5)	The condition is reported in Round 3 or Panel 5 and links to a 2000 medical provider visit or a medicine prescribed in 2000; or

6)	The condition is reported in Round 3 for either Panel 4 or Panel 5, does not link to a 2000 medical provider visit or a medication prescribed in 2000, and 50 percent or more of a respondent's reference period occurred in 2000.

For each variable on the file, both weighted and unweighted frequencies are provided in the codebook. Because the conditions identified in this file are derived from self-reports, these data cannot be used to make estimates of disease, prevalence of health conditions, or mortality/morbidity.

Data from this file can be merged with 2000 MEPS person-level data using DUPERSID to append person-level characteristics such as demographic or health insurance characteristics to each record (see Section 4.0 for details). Data from this file also can be merged to 2000 MEPS Medical Provider Event Files (HC-051A, HC-051B, HC-051D through HC-051H) by using the link files provided on HC-051I, File 1 (see HC-051I for details). Since each record represents a single condition reported by household respondents, some household respondents may have multiple medical conditions and thus will be represented on multiple records on this file. Other household respondents may have reported no medical conditions and thus will have no records on this file.

## 2.1	Codebook Structure

The codebook and data file sequence lists variables in the following order:

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

2.2   Reserved Codes

The following reserved code values are used:

VALUE	DEFINITION
-1 INAPPLICABLE	Question was not asked due to skip pattern.
-7 REFUSED	Question was asked and respondent refused to answer question.
-8 DK	Question was asked and respondent did not know answer.
-9 NOT ASCERTAINED	Interviewer did not record the data.

Generally, -1, -7, -8, and -9 have not been edited on this file. The values of -1 and -9 can be edited by analysts by following the skip patterns in the questionnaire. These reserve codes indicated appropriate responses for skip patterns associated with priority and injury conditions (see HC-018 Sections 2.2 for details.) Priority and injury conditions on the current file did not undergo the extensive editing they did on previous releases of the Medical Conditions file. Data users should note that the reserve codes -11 and -12 are not used on the current file.

2.3   Codebook Format

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

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

2.4   Variable Naming

In general, variable names reflect the content of the variable, with an 8-character limitation. For questions asked in a specific Round, the end digit in the variable name reflects the Round in which the question was asked. Edited variables end in an "X" and are so noted in the variable label.

Variables contained in this delivery were derived either from the questionnaire itself or from the CAPI. The source of each variable is identified in Appendix 1 entitled "Variable to Source Crosswalk." Sources for each variable are indicated in one of four ways: (1) variables which are derived from CAPI or assigned in sampling are so indicated; (2) variables derived from complex algorithms associated with re-enumeration are labeled "RE Section"; (3) variables which come from one or more specific questions have those numbers and questionnaire section indicated in the "Source" column; (4) 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 (DU s) and Group Quarters in the MEPS-HC is generally consistent with the definitions employed for the National Health Interview Survey (NHIS). The dwelling unit ID (DUID) is a five-digit random number assigned after the case was sampled for MEPS. The person number (PID) uniquely identifies each person within the dwelling unit. The variable DUPERSID uniquely identifies each person represented on the file, and is the combination of the variables DUID and PID. CONDN indicates the condition number as it was reported during the interview for an individual respondent (e.g. condition number 1, 2, 3, etc.) plus a control digit. Although

the current range for CONDN is 10-411, the actual number of records per person on the file is 1 - 28. This is because some records did not meet the criteria to be included on the file (see Section 2) and CONDN has not been edited. CONDIDX uniquely identifies each condition (i.e., each record on the file), and is the combination of DUPERSID and CONDN.

PANEL00 is a constructed variable used to specify the panel number for the interview. PANEL00 will indicate either Panel 4 or Panel 5.

CONDRN indicates the round in which the condition was <u>first</u> 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. For these cases no editing was performed to reconcile the round in which a condition began and the round that the condition was first reported.

2.5.2 Medical Condition Variables (PRIOLIST-CCCODEX)

This file contains variables describing medical conditions reported by respondents in several sections of the MEPS questionnaire, including the Condition Enumeration Section, Health Status Section, and all questionnaire sections collecting information about health provider visits, prescription medications, and disability days (see Variable-Source Crosswalk in Appendix 1 for details).

Priority Conditions and Injuries

Certain conditions were a priori designated as "priority conditions" (PRIOLIST=1) due to their prevalence, expense, or relevance to policy. Some were long-term life-threatening conditions, such as cancer, diabetes, emphysema, high cholesterol, HIV/AIDS, hypertension, ischemic heart disease, and stroke. Others were chronic manageable conditions, including arthritis, asthma, gall bladder disease, stomach ulcers, and back problems of any kind. In addition, Alzheimer's disease or other dementias, as well as depression and anxiety disorders, were included in the priority list. For a complete listing of "priority conditions" see Appendix 4. Priority conditions were identified as such in the field by MEPS interviewers. Occasionally errors were made and not all priority conditions were identified. Consequently, these records are missing the follow-up questions described below. Likewise, some conditions were inaccurately identified as priority conditions. These records do have follow-up questions even though they are not priority conditions.

When a condition was first mentioned, respondents were asked whether it was due to an accident or an injury (INJURY=1). Some injuries are also priority conditions (e.g. back pain).

Date Priority Condition Began/Accident Occurred

The date a priority condition bean (CONDBEGD, CONDBEGM, CONDBEGY) is collected only for conditions that appear on the priority list. The date an accident or injury occurred (ACCDENTD, ACCDENTM, ACCDENTY) is collected only for accident/injury conditions.

Round Specific Questions for Priority Conditions and Injuries

When a respondent first reported a condition on the priority list (PRIOLIST=1) or a condition caused by an injury (INJURY=1) a series of questions regarding health care utilization for that condition and the effect of that condition on the person's overall health was asked. The names of these variables end in 1, 2, 3, 4 or 5 indicating the round in which they were asked. The following questions were asked in the round in which the respondent first reported a priority condition or a condition resulting from an injury.

   a.   Whether the respondent ever saw or talked to a doctor about the condition (SEEDREV1 – SEEDREV5).

   b.   Whether the latest time a doctor was seen for this condition was before or after the beginning of the reference period for the interview Round (LSTSAW1). This question was asked **only** in Round 1.

   c.   Whether the person was still being treated for the condition (STILTR1-STILTR5).

   d.   How seriously the condition affected the person's overall health and well-being since it began (OVRALL1-OVRALL5).

   e.   Whether the person with the condition himself/herself provided the information, versus being reported by another household member (WHOTYP1 – WHOTYP5).

   f.   Whether the health care provider recommended further treatment or consultation for the condition (FURTCA1 – FURTCA5).

   g.   How much follow-up care the person received for the condition (all; some; none; or still being treated) (FOLOCA1 – FOLOCA5).

   h.   Whether the person saw or talked to a doctor about the condition during the reference period (SEEDREF1 – SEEDREF5). This variable was constructed for priority conditions only.

When a respondent reported a condition that resulted from an accident or injury (INJURY=1) the following information was obtained from respondents during the round in which the injury was first reported.

a. whether or not the accident/injury occurred at work (ACCDNWRK) – respondents aged 16 and younger were not asked this question and coded ACCDNWRK = 1;

b. where the accident happened (ACDNTLOC);

c. if the accident/injury occurred at home, was it inside or outside the house. (INOUTHH);

d. whether or not the accident involved another vehicle, gun, weapon other than a gun, poison, fire, drowning or near-drowning, sports injury, a fall, something else (VEHICLE, GUN, WEAPON, POISON, FIREBURN, DROWN, SPORTS, FALL, ACDNTOTH);

e. whether or not the person has fully recovered from the injury (RECOVER);

For priority conditions only, additional information was obtained in rounds subsequent to the one in which the condition was first mentioned. This information was obtained only if there was a medical provider visit or a prescribed medication or a disability day associated with the condition in that round. If this occurred, the condition was "selected" for follow-up questions for the round.

For priority conditions selected in rounds after they were first mentioned, the following questions were asked:

a. Whether the person saw or talked to a doctor about the condition during the reference period (SEEDREF1 – SEEDREF5).

b. Whether the person was still being treated for the condition (STILTR1 – STILTR5).

c. How seriously the condition affected the person's overall health and well-being since it began (OVRALL1 – OVRALL5).

d. Whether the person with the condition himself/herself provided the information, versus being reported by another household member (WHOTYP1 – WHOTYP5).

Treatment of Data from Rounds Not Occurring in 2000

For Panel 4, Rounds 1 and 2 occurred in 1999 and are not included on this file unless the condition was identified as a priority condition (see the discussion of PRIOFLG below). For Panel 5, Rounds 4 and 5 occurred in 2000 and are not included on this file. Therefore, round-specific variables for Rounds 1 and 2 of Panel 4 are assigned an inapplicable code (-1) for respondents in Panel 4, and round-specific variables for Rounds 4 and 5 of Panel 5 are assigned an inapplicable code (-1). Data for Rounds 4 and 5 pertain only to Panel 4; data for Rounds 1 and 2 pertain only to Panel 5, and both panels

provide data from Round 3. (Note: PANEL00 must be used to identify whether Round 3 variables were collected in Panel 4 or Panel 5.)

All priority conditions and conditions resulting from an injury that were first reported in Rounds 1 or 2 of Panel 4 have round-specific data for those rounds included on the 1999 Medical Conditions File (HC-037). The variables PRIOFLG and INJURFLG indicate if the condition is "Not a priority/injury condition" (0), whether or not "Additional information is included on the 1998 Medical Condition File" (1), or if "all priority/injury information is included on the current file" (2).

Note: Priority conditions are generally chronic conditions. Even though a respondent may not have reported a medical provider visit, a prescribed medicine or a disability in 2000 due to the condition, analysts should consider that the respondent is probably still experiencing the condition. If a Panel 4 respondent reported a priority condition in Rounds 1 or 2 and did not have a provider visit, a prescribed medicine, or a disability day for the condition in Rounds 3, 4 or 5 of Panel 4, round-specific variables for Rounds 3, 4, and 5 are coded as –1. The only information provided on the current 2000 file is the ICD9CODX, ICD9PROX, and CCCODEX. These records also can be identified if PRIOFLG=1.

Rounds in Which Conditions were Reported/Selected (CRND1 – CRND5)

A set of constructed variables (CRND1 – CRND5) indicate the round in which the condition was first reported, and for subsequent rounds, the round(s) in which a medical provider event, prescription medication, or disability day occurred due to condition. For example, consider a condition for which CRND1 = 0, CRND2 = 1, and CRND3 = 1; this sequence of CRND indicators implies that the condition was not present during Round 1 (CRND1 = 0), was first mentioned during Round 2, and was associated with a medical event during Round 3. These round indicators have not been reconciled with CONDRN. CRND1 – CRND5 are not applicable for most pregnancies, prenatal visits, or deliveries due to the questionnaire design.

Disability Flag Variables

This file contains 3 flag variables indicating whether or not a condition is associated with a missed workday (MISSWORK), a missed school day (MISSSCHL), or a bed day (INBEDFLG). Due to the MEPS instrument design, there is no link indicating the **number** of disability days associated with a particular medical condition.

Diagnosis and Procedure Codes

The medical conditions and procedures reported by the Household Component respondent were recorded by the interviewer as verbatim text, which were then coded to fully-specified ICD-9-CM codes, including medical condition and V codes (see Health Care Financing Administration, 1980), by professional coders. Although codes were verified and error rates did not exceed 2.5 percent for any coder, analysts should not

presume this level of precision in the data; the ability of household respondents to report condition data that can be coded accurately should not be assumed (see Cox and Iachan, 1987; Edwards, et al, 1994; and Johnson and Sanchez, 1993).

In order to preserve respondent confidentiality, nearly all of the condition codes provided on this file (ICD9CODX) have been collapsed from fully specified codes to 3-digit code categories. Table 1 in Appendix 2 provides a table of unweighted and weighted frequencies for all ICD-9 condition code values reported on the file. In this table, values that reflect this collapsing have an asterisk in the label indicating that the 3-digit category includes all the subclassifications within that category. For example, the ICD9CODX value of 034 "Strep Throat/Scarlet Fev *" includes the fully-specified subclassifications 034.0 and 034.1; the value 296 "Affective Disorders*" includes the fully specified subclassifications 296.0 through 296.99. Less than 1 percent of the records on this file were edited further by collapsing two or more 3-digit codes into one 3-digit code.

Similarly, most of the procedure codes (ICD9PROX) were collapsed from fully specified codes to 2-digit category codes. Table 2 in Appendix 2 provides unweighted and weighted frequencies for ICD9PROX, and this type of collapsing is identified by an asterisk in the variable label. For example, the ICD9PROX value in 81 "Joint Repair*" includes subclassifications 81.0 through 81.99. Some records were further edited to combine 2 or more 2-digit categories.

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 RSINHOS "Reason Entered Hospital" found on the Hospital Inpatient Stays Public Use File (HC-051D).

Conditions and procedures were reported in the same sections of the HC questionnaire (see Variable-Source Crosswalk in Appendix 1). Labels for all values of the variables ICD9CODX and ICD9PROX, as shown in Tables 1 and 2, are provided in the SAS programming statements included in this release (see the HC-052SU.TXT file).

Clinical Classification Codes

ICD-9-CM condition codes have been aggregated into clinically meaningful categories that group similar conditions (CCCODEX). CCODEX was generated using Clinical Classification Software (formerly known as Clinical Classifications for Health Care Policy Research (CCHPR)), (Elixhauser, et al., 2000), which aggregates conditions and V-codes into 259 mutually exclusive categories, most of which are clinically homogeneous. Appendix 3 lists the ICD-9-CM codes that have been aggregated for each clinical classification category. Note that the reported ICD-9-CM code values were mapped to the appropriate clinical classification category prior to being collapsed to 3-digit ICD-9 codes. For confidentiality purposes a small number (less than 2 percent) of clinical classification codes have been edited. Table 3 in Appendix 2 provides weighted and unweighted frequencies for CCCODEX. Labels for all values of the variable

CCCODEX, as shown in Table 3, are provided in the SAS programming statements included in this release (see the HC-035SU.TXT file).

2.5.3 Utilization Variables (OBNUM – RXNUM)

The variables are OBNUM, OPNUM, HHNUM, DNNUM, HSNUM, ERNUM, and RXNUM indicate the total number of 2000 medical provider events that can be linked to each condition record on the current file for each event type, i.e., office-based, outpatient, home health, dental, hospital stays, emergency room visits, and prescribed medicines, respectively.

These counts of events were derived from Medical Provider Event Public Use Files (HC-051A, HC-051B and HC-051D - HC-051H). Medical provider events associated with conditions include all utilization that occurred between January 1, 2000 and December 31, 2000.

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 hospital stay and was treated for a fractured hip and a fractured shoulder and a concussion, each of these conditions has a unique record and HSNUM=1 for each record. If you sum HSNUM for these records, then the total hospital stays would be 3 when actually there was only 1 hospital stay for that person and 3 conditions were treated. These variables are useful if you wanted to know the number of hospitals for head injuries, hip fractures, etc.

3.0 Sample Weights and Variance Estimation Variables (PERWT00F-VARPSU00)

3.1 Overview

There is a single full year person-level weight variable called PERWT00F assigned to each key, inscope person who responded to MEPS for the full period of time that he or she was inscope during the MEPS. For Panel 5 this requirement pertained only to 2000, but for Panel 4 it pertained to both 1999 and 2000. (Recall that a person is inscope whenever he or she is a member of the civilian, noninstitutionalized portion of the U.S. population.)

3.2 Details on Person Weights Construction

The person-level weight PERWT00F was developed in three stages. A person-level weight for Panel 5 was created, including both an adjustment for nonresponse over time and poststratification, controlling to Current Population Survey (CPS) population estimates based on six different variables. Then a person-level weight for Panel 4 was created, again including an adjustment for nonresponse over time and poststratification, controlling to CPS population estimates based on the same six variables. A composite weight was formed from the Panel 4 and Panel 5 weights by multiplying the Panel

weights by factors corresponding to the relative sample size of the two panels. Then a final poststratification was done on this composite weight variable, again based on the same poststratification variables used previously.

MEPS Panel 4

The person-level weight for MEPS Panel 4 was developed using the 1999 full year weight for an individual as a "base" weight for survey participants present in 1999. For key, inscope respondents who joined an RU some time in 2000 after being out-of-scope in 1999, the "base" weight was taken to be the 1999 family weight associated with the family the person joined. The weighting process included an adjustment for nonresponse over Rounds 4 and 5 as well as poststratification to population control totals for December, 2000 for key, responding persons inscope on December 31, 2000. These control totals were derived by scaling back the population distribution obtained from the March 2001 CPS to reflect the December, 2000 estimated population distribution, employing age and sex data available from the December, 2000 CPS. Variables used in the establishment of person-level poststratification control figures included: poverty status, census region (Northeast, Midwest, South, West); MSA status (MSA, non-MSA); race/ethnicity (Hispanic, black but non-Hispanic, and other); sex, and age. Key responding persons not inscope on December 31, 2000 but inscope earlier in the year retained, as their final Panel 4 weight, the weight after the nonresponse adjustment.

MEPS Panel 5

The person-level weight for MEPS Panel 5 was developed using the MEPS Round 1 person-level weight as a "base" weight. For key, inscope respondents who joined an RU after Round 1, the Round 1 family weight served as a "base" weight. The weighting process included an adjustment for nonresponse over the remaining data collection rounds in 2000 as well as poststratification to the same population control figures for December 2000 used for the MEPS Panel 4 weights for key, responding persons inscope on December 31, 2000. The same six variables employed for Panel 4 poststratification (poverty status, census region, MSA status, race/ethnicity, sex, and age) were used for Panel 5 poststratification. As with Panel 4, Panel 5 key, responding persons not inscope on December 31, 2000 but inscope earlier in the year retained the weight after nonresponse adjustment as their final Panel 5 weight.

Note that the MEPS Round 1 weights for both panels incorporated the following components: the original household probability of selection for the NHIS; ratio-adjustment to NHIS-based national population estimates at the household (occupied dwelling unit) level; adjustment for nonresponse at the dwelling unit level for Round 1; and poststratification to figures at the family and person level obtained from the corresponding March CPS data bases.

The Final Weight for 2000

Variables used in the establishment of person-level poststratification to control totals derived from CPS data included: census region (Northeast, Midwest, South, West); MSA

status (MSA, non-MSA); race/ethnicity (Hispanic, black but non-Hispanic, and other); sex, and age. Persons included in this poststratification were those inscope on December 31, 2000. In addition, the weights of some persons out-of-scope on December 31, 2000 were also poststratified. Specifically, the weights of persons out-of-scope on December 31, 2000 who were inscope some time during the year and also entered a nursing home during the year were poststratified to a corresponding control total obtained from the 1996 MEPS Nursing Home Component. The weights of persons who died while inscope during 2000 were poststratified to corresponding estimates derived using data obtained from the Medicare Current Beneficiary Survey (MCBS) and Vital Statistics information provided by the National Center for Health Statistics (NCHS). Separate 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, 2000 is 275,158,755 (PERWT00F>0 and INSC1231=1). The inclusion of key, inscope persons who were not inscope on December 31, 2000 brings the estimated total number of persons represented by the MEPS respondents over the course of the year to 278,405,516 (PERWT00F>0).

3.3   Coverage

The target population associated with this MEPS data base is the 2000 U.S. civilian, noninstitutionalized population. However, the MEPS sampled households are a subsample of the NHIS households interviewed in 1998 (Panel 4) and 1999 (Panel 5). New households created after the NHIS interviews for the respective Panels and consisting exclusively of persons who entered the target population after 1998 (Panel 4) or after 1999 (Panel 5) 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 only a small proportion of the MEPS target population.

3.4   Variance Estimation

To obtain estimates of variability (such as the standard error of sample estimates or corresponding confidence intervals) for estimates based on MEPS survey data, the complex sample design of MEPS for both person and family-level analyses must be taken into account. Various approaches can be used to develop such estimates of variance including use of the Taylor series or replication methodologies. Replicate weights have not been developed for the MEPS 2000 data.

Using a Taylor Series approach, variance estimation strata and the variance estimation PSUs within these strata must be specified. The corresponding variables on the 2000 MEPS full year utilization data base are VARSTR00 and VARPSU00, respectively. Specifying a "with replacement" design in a computer software package, such as SUDAAN, should provide standard errors appropriate for assessing the variability of

MEPS survey estimates. It should be noted that the number of degrees of freedom associated with estimates of variability indicated by such a package may not appropriately reflect the actual number available. For MEPS sample estimates for characteristics generally distributed throughout the country (and thus the sample PSUs), one can expect at least 60 degrees of freedom for the 2000 full year data associated with the corresponding estimates of variance

4.0   Merging 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. See HC-051I for instructions on merging the condition file to the Medical Event Files. Person-level characteristics can be merged to the condition file using the following procedure:

1. Sort the person-level file by person identifier, DUPERSID. Keep only variables to be merged on to the conditions file and DUPERSID.

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 condition-level file.

```
PROC SORT DATA=PERS(KEEP=DUPERSID AGE SEX EDUC)
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;
```

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Appendix I

FOR MEPS PUBLIC USE RELEASE HC-052

UNIQUE IDENTIFIER VARIABLES

VARIABLE	LABEL	SOURCE[1]
DUID	Dwelling Unit ID (DU)	Assigned in Sampling
PID	Person Number (PN)	Assigned in Sampling
DUPERSID	Sample person ID (DU + PN)	Assigned in Sampling
CONDN	Condition Number	CAPI Derived
CONDIDX	Cond ID Key: DUID + Counter (3) + CONDN	CAPI Derived
PANEL00	Panel Number	Constructed
CONDRN	Condition Round Number	CAPI Derived

MEDICAL CONDITION VARIABLES

VARIABLE	LABEL	SOURCE
PRIOLIST	Is Condition On Priority List	CN02
CONDBEGD	Date Condition Started --Day	CN05
CONDBEGM	Date Condition Started --Month	CN05
CONDBEGY	Date Condition Started --Year	CN05
SEEDREV1	RD1: Ever See/Talk to Dr. About Condition	CN03, CN07
SEEDREV2	RD2: Ever See/Talk to Dr. About Condition	CN03, CN07
SEEDREV3	RD3: Ever See/Talk to Dr. About Condition	CN03, CN07
SEEDREV4	RD4: Ever See/Talk to Dr. About Condition	CN03, CN07
SEEDREV5	RD5: Ever See/Talk to Dr. About Condition	CN03, CN07
LSTSAW1	RD1: When Was Last Time Dr. Was Seen	CN04 (Edited)
STILTR1	RD1: Is Person Still Treated For Condition	CN11, CN18 (Edited)
STILTR2	RD2: Is Person Still Treated For Condition	CN11, CN18 (Edited)
STILTR3	RD3: Is Person Still Treated For Condition	CN11, CN18 (Edited)
STILTR4	RD4: Is Person Still Treated For Condition	CN11, CN18 (Edited)
STILTR5	RD5: Is Person Still Treated For Condition	CN11, CN18 (Edited)
OVRALL1	RD1: How Did Condition Affect Overall Health	CN13, CN19 (Edited)
OVRALL2	RD2: How Did Condition Affect Overall Health	CN13, CN19 (Edited)
OVRALL3	RD3: How Did Condition Affect Overall Health	CN13, CN19 (Edited)
OVRALL4	RD4: How Did Condition Affect Overall Health	CN13, CN19 (Edited)
OVRALL5	RD5: How Did Condition Affect Overall Health	CN13, CN19 (Edited)
WHOTYP1	RD1: Who Reported Condition Affect	CN13OV, CN19OV (Edited)
WHOTYP2	RD2: Who Reported Condition Affect	CN13OV, CN19OV (Edited)
WHOTYP3	RD3: Who Reported Condition Affect	CN13OV, CN19OV (Edited)
WHOTYP4	RD4: Who Reported Condition Affect	CN13OV, CN19OV (Edited)
WHOTYP5	RD5: Who Reported Condition Affect	CN13OV, CN19OV (Edited)
FURTCA1	RD1: Was Further Treatment Recommended	CN14 (Edited)

---

[1]See the README file in the Survey Instruments section of the MEPS home page, for information on the MEPS HC questionnaire sections (e.g., RE, CN) shown in the Source column.

VARIABLE	LABEL	SOURCE
FURTCA2	RD2: Was Further Treatment Recommended	CN14 (Edited)
FURTCA3	RD3: Was Further Treatment Recommended	CN14 (Edited)
FURTCA4	RD4: Was Further Treatment Recommended	CN14 (Edited)
FURTCA5	RD5: Was Further Treatment Recommended	CN14 (Edited)
FOLOCA1	RD1: Receive Follow-Up Care for Condition	CN15 (Edited)
FOLOCA2	RD2: Receive Follow-Up Care for Condition	CN15 (Edited)
FOLOCA3	RD3: Receive Follow-Up Care for Condition	CN15 (Edited)
FOLOCA4	RD4:Receive Follow-Up Care for Condition	CN15 (Edited)
FOLOCA5	RD5:Receive Follow-Up Care for Condition	CN15 (Edited)
SEEDREF1	RD1: Saw Doctor in Reference Period	CN17
SEEDREF2	RD2: Saw Doctor in Reference Period	CN17
SEEDREF3	RD3: Saw Doctor in Reference Period	CN17
SEEDREF4	RD4: Saw Doctor in Reference Period	CN17
SEEDREF5	RD5: Saw Doctor in Reference Period	CN17
CRND1	RD 1: Has Condition Round Information	Constructed
CRND2	RD 2: Has Condition Round Information	Constructed
CRND3	RD 3: Has Condition Round Information	Constructed
CRND4	RD 4: Has Condition Round Information	Constructed
CRND5	RD 5: Has Condition Round Information	Constructed
PRIORFLG	1 = Initial Priority Information on 1997 File	
INJURY	Was Condition Due To Accident/Injury	CN02
ACCDENTD	Date Of Accident -- Day	CN06
ACCDENTM	Date Of Accident Month	CN06
ACCDENTY	Date Of Accident Year	CN06
ACCDNWRK	Did Accident Occur At Work	CN07
ACDNTLOC	Where Did Accident Happen	CN08
INOUTHH	Was Accident inside/Outside House	CN09
VEHICLE	Was A Motor Vehicle Involved	CN10
GUN	Was A Gun Involved	CN10
WEAPON	Was Some Other Weapon Involved	CN10
POISON	Was Poison/Poisonous Substance Involved	CN10
FIREBURN	Was Fire/Burning Involved	CN10
DROWN	Was Drowning/Near Drowning Involved	CN10
SPORTS	Was It A Sports Injury	CN10
FALL	Was It A Fall	CN10
ACDNTOTH	Was Something Else Involved	CN10
RECOVER	Fully Recovered From Condition	CN12
INJURFLG	1 = Initial Injury Information on 1997 File	
MISSWORK	Flag Associated With Missed Work days	DD04
MISSSCHL	Flag Associated With Missed School Days	DD08
INBEDFLG	Flag Associated With Bed Days	DD12
ICD9CODX	ICD-9 Code for Condition	CE05, HS03, ER04, OP09, MV09, DN02, HH05, PM09 (Edited)
ICD9PROX	ICD-9 Code for Procedure	CE05, HS03, ER04, OP09, MV09, DN02, HH05, PM09 (Edited)
CCCODEX	Clinical Classification Code	Constructed/Edited
HHNUM	# Home Health Events Assoc. w/ Condition	Constructed
DNNUM	# Dental Events Assoc. w/ Condition	Constructed
HSNUM	# Hospital Stays Assoc. w/ Condition	Constructed
OPNUM	# Out-Patient Events Assoc. w/ Condition	Constructed
OBNUM	# Office-Based Events Assoc. w/ Condition	Constructed

VARIABLE	LABEL	SOURCE
ERNUM	# ER Assoc. w/ Condition	Constructed
RXNUM	# Prescribed Medicines Associations W/ Condition	Constructed

WEIGHTS AND VARIANCE ESTIMATION VARIABLES

VARIABLE	LABEL	SOURCE
PERWT00F	Final Weight 2000	Constructed
VARPSU00	Variance Estimation PSU 2000	Constructed
VARSTR00	Variance Estimation Stratum 2000	Constructed

**Appendix 2:
Condition, Procedure and Clinical Classification Code
Frequencies**

ICD9CODX VALUE	LABEL	UNWEIGHTED	WEIGHTED BY PERWT00F
-1	INAPPLICABLE	364	4,420,976
-8	DK	1,504	17,860,823
003	OTH SALMONELLA INFECTION*	2	39,360
005	OTHER FOOD POISONING*	94	1,347,716
007	OTH PROTOZOAL INTEST DIS*	1	15,432
008	INTESTINAL INFECTION NEC*	2,553	29,911,000
009	ILL-DEFINED INTEST INF*	15	155,229
011	PULMONARY TUBERCULOSIS*	20	246,599
023	BRUCELLOSIS*	1	13,695
031	OTHER MYCOBACTERIAL DIS*	1	17,385
034	STREP THROAT/SCARLET FEV*	543	7,116,918
037	TETANUS	1	8,954
038	SEPTICEMIA*	11	125,536
040	OTHER BACTERIAL DISEASES*	1	6,035
041	BACT INF IN OTH DIS/NOS*	104	1,262,285
042	HUMAN IMMUNO VIRUS DIS	11	86,106
052	CHICKENPOX*	67	608,898
053	HERPES ZOSTER*	82	1,034,512
054	HERPES SIMPLEX*	80	1,131,453
057	OTHER VIRAL EXANTHEMATA*	20	285,039
066	OTHER ARTHROPOD VIRUS*	2	24,589
070	VIRAL HEPATITIS*	35	361,313
074	COXSACKIE VIRAL DISEASE*	12	131,076
075	INFECTIOUS MONONUCLEOSIS	30	498,356
078	OTHER VIRAL DISEASE*	159	2,329,674
079	VIRAL INF IN OTH DIS/NOS*	571	6,714,953
088	OTH ARTHROPOD-BORNE DIS*	16	178,788
094	NEUROSYPHILIS*	1	30,097
098	GONOCOCCAL INFECTIONS*	1	17,034
099	OTHER VENEREAL DISEASE*	5	42,745
110	DERMATOPHYTOSIS*	225	2,699,210
111	DERMATOMYCOSIS NEC/NOS*	17	213,501
112	CANDIDIASIS*	241	3,112,232
117	OTHER MYCOSES*	23	271,093
127	OTH INTEST HELMINTHIASES*	11	169,115
128	HELMINTHIASES NEC & NOS*	1	6,293
129	INTESTIN PARASITISM NOS	2	9,658
130	TOXOPLASMOSIS*	2	21,236
131	TRICHOMONIASIS*	2	24,286
132	PEDICULOSIS AND PHTHIRUS*	20	219,123
133	ACARIASIS*	16	112,689
134	OTHER INFESTATION*	1	13,904
135	SARCOIDOSIS	9	113,711
136	INF/PARASITE DIS NEC/NOS*	105	1,130,709
138	LATE EFFECT ACUTE POLIO	5	68,512
139	LATE EFFECT INFECT NEC*	1	7,396
140	MALIGNANT NEOPLASM LIP*	2	21,462
141	MALIG NEO TONGUE*	2	23,562
145	MALIG NEO MOUTH NEC/NOS*	1	8,971
149	OTH MALIG NEO OROPHARYNX*	11	149,536
150	MALIGNANT NEO ESOPHAGUS*	1	11,859
151	MALIGNANT NEO STOMACH*	7	56,461
152	MALIG NEO SMALL BOWEL*	1	15,752
153	MALIGNANT NEOPLASM COLON*	39	464,920
154	MALIG NEO RECTUM/ANUS*	2	16,748
155	MALIGNANT NEOPLASM LIVER*	4	48,179
156	MAL NEO GB/EXTRAHEPATIC*	2	16,376
157	MALIGNANT NEO PANCREAS*	5	43,410
160	MAL NEO NASAL CAV/SINUS*	1	21,069
161	MALIGNANT NEO LARYNX*	2	19,872
162	MAL NEO TRACHEA/LUNG*	30	375,508
164	MAL NEO THYMUS/MEDIASTIN*	1	10,651
170	MAL NEO BONE/ARTIC CART*	14	120,125

NOTE: ' * ' indicates collapsing of fully specified codes to 3-digit
code categories. See Section 2.5.2 for additional information.

```
                                    TABLE 1
             UNWEIGHTED AND WEIGHTED COUNT OF RECORDS FOR EACH VALUE OF ICD9CODX


      ICD9CODX                                                         WEIGHTED
      VALUE      LABEL                             UNWEIGHTED         BY PERWT00F

        171      MAL NEO SOFT TISSUE*                      8              76,379
        172      MALIGNANT MELANOMA SKIN*                 21             216,694
        173      OTHER MALIG NEOPL SKIN*                 208           2,589,305
        174      MALIG NEO FEMALE BREAST*                 89           1,092,276
        179      MALIG NEOPL UTERUS NOS                    8             119,714
        180      MALIG NEOPL CERVIX UTERI*                17             135,173
        182      MALIG NEOPL UTERUS BODY*                  4              42,386
        183      MAL NEO UTERINE ADNEXA*                   5              78,291
        184      MAL NEO FEM GEN NEC/NOS*                  2              17,222
        185      MALIGN NEOPL PROSTATE                    74             918,417
        186      MALIGN NEOPL TESTIS*                      4              37,734
        188      MALIGN NEOPL BLADDER*                    16             195,805
        189      MAL NEO URINARY NEC/NOS*                  3              44,195
        191      MALIGNANT NEOPLASM BRAIN*                 2              18,895
        193      MALIGN NEOPL THYROID                      8             113,845
        194      MAL NEO OTHER ENDOCRINE*                  1              14,522
        195      MAL NEO OTH/ILL-DEF SITE*                22             255,679
        198      SEC MALIG NEO OTH SITES*                  2              29,064
        199      MALIGNANT NEOPLASM NOS*                  55             736,849
        200      LYMPHOSARC/RETICULOSARC*                  1               8,330
        201      HODGKIN'S DISEASE*                        6             103,042
        202      OTH MAL NEO LYMPH/HISTIO*                19             218,482
        203      MULTIPLE MYELOMA ET AL*                   5              49,842
        204      LYMPHOID LEUKEMIA*                        2              40,244
        205      MYELOID LEUKEMIA*                         2              22,296
        208      LEUKEMIA-UNSPECIF CELL*                  17             188,584
        210      BEN NEO ORAL CAV/PHARYNX*                 1              11,681
        211      OTH BENIGN NEOPLASM GI*                  31             399,611
        212      BEN NEO RESP SYST/THORAX*                 1              10,066
        213      BEN NEO BONE/ARTIC CART*                  1              11,427
        214      LIPOMA*                                   9             127,239
        215      OTH BEN NEO SOFT TISSUE*                 44             554,413
        216      BENIGN NEOPLASM OF SKIN*                195           2,798,076
        217      BENIGN NEOPLASM BREAST                   11             220,882
        218      UTERINE LEIOMYOMA*                       12             179,424
        220      BENIGN NEOPLASM OVARY                     4              29,403
        223      BENIGN NEOPLASM URINARY*                  1              14,361
        225      BENIGN NEO NERVOUS SYST*                  2              19,895
        229      BENIGN NEOPLASM NEC/NOS*                 13             173,102
        232      CARCINOMA IN SITU SKIN*                   2              36,155
        233      CA IN SITU BREAST/GU*                     1              14,795
        235      UNC BEHAV NEO GI/RESP*                    5              49,530
        236      UNC BEHAV NEO GU*                         1              15,761
        237      UNCER NEO ENDOCRINE/NERV*                 1               8,173
        238      UNC BEHAV NEO NEC/NOS*                   43             601,021
        239      UNSPECIFIED NEOPLASM*                   183           2,080,859
        240      GOITER, SIMPLE/NOS*                      18             213,418
        241      NONTOXIC NODULAR GOITER*                  8             148,118
        242      THYROTOXICOSIS*                          76           1,020,338
        243      CONGENITAL HYPOTHYROIDSM                  1                   0
        244      ACQUIRED HYPOTHYROIDISM*                335           4,169,274
        245      THYROIDITIS*                              9             118,416
        246      OTH DISORDERS OF THYROID*               460           5,538,649
        250      DIABETES MELLITUS*                    1,276          13,278,689
        251      OTH PANCREATIC DISORDER*                 42             520,339
        252      PARATHYROID DISORDER*                     4              54,275
        253      PITUITARY/HYPOTHALM DIS*                  9             147,516
        255      ADRENAL GLAND DISORDERS*                  6              64,665
        256      OVARIAN DYSFUNCTION*                     15             257,727
        259      OTH ENDORINE DISORDERS*                 271           3,215,797
        263      PROT-CAL MALNUTR NEC/NOS*                 3              27,596
        266      B-COMPLEX DEFICIENCIES*                   9             177,054
        267      ASCORBIC ACID DEFICIENCY                  1              42,532


          NOTE: ' * ' indicates collapsing of fully specified codes to 3-digit
             code categories.  See Section 2.5.2 for additional information.
```

```
                                    TABLE 1
              UNWEIGHTED AND WEIGHTED COUNT OF RECORDS FOR EACH VALUE OF ICD9CODX


        ICD9CODX                                                     WEIGHTED
        VALUE       LABEL                        UNWEIGHTED          BY PERWT00F

          269      OTH NUTRITION DEFICIENCY*            6                62,524
          271      DIS CARBOHYDRATE METABOL*            9               132,529
          272      DIS OF LIPOID METABOLISM*        1,278            15,909,797
          274      GOUT*                             167             1,853,268
          275      DIS MINERAL METABOLISM*            20               243,734
          276      FLUID/ELECTROLYTE DIS*            492             5,768,905
          277      METABOLISM DIS NEC/NOS*            11               129,917
          278      OBESITY/HYPERALIMENT*              74               841,200
          279      DIS IMMUNE MECHANISM*               7                95,623
          280      IRON DEFICIENCY ANEMIAS*           43               434,294
          281      OTHER DEFICIENCY ANEMIA*            4                50,570
          282      HEREDIT HEMOLYTIC ANEMIA*          16               189,891
          284      APLASTIC ANEMIA*                    1                 5,822
          285      ANEMIA NEC/NOS*                   190             1,916,255
          286      COAGULATION DEFECTS*               10               112,327
          287      PURPURA & OTH HEMOR COND*          16               160,961
          288      WBC DISORDERS*                     11               160,748
          289      OTHER BLOOD DISEASE*               79               856,720
          290      SENILE/PRESENILE PSYCHOS*           3                27,701
          292      DRUG PSYCHOSES*                     3                22,000
          294      OTHER ORGANIC PSYCH COND*          21               257,568
          295      SCHIZOPHRENIC DISORDERS*           40               516,565
          296      AFFECTIVE PSYCHOSES*              115             1,440,815
          297      PARANOID STATES*                    3                39,932
          298      OTH NONORGANIC PSYCHOSES*          15               226,272
          299      PSYCHOSES OF CHILDHOOD*            16               205,313
          300      NEUROTIC DISORDERS*               660             8,774,881
          301      PERSONALITY DISORDERS*             14               161,153
          302      SEXUAL DISORDERS*                  14               220,123
          303      ALCOHOL DEPENDENCE SYNDR*          27               309,533
          304      DRUG DEPENDENCE*                   14               214,777
          305      NONDEPENDENT DRUG ABUSE*           38               451,733
          306      PSYCHOPHYSIOLOGIC DIS*             22               224,281
          307      SPECIAL SYMPTOM NEC*               41               543,442
          308      ACUTE REACTION TO STRESS*         306             3,634,006
          309      ADJUSTMENT REACTION*               70               768,222
          310      NONPSYCHOTIC BRAIN SYND*            2                24,953
          311      DEPRESSIVE DISORDER NEC         1,299            15,574,952
          312      CONDUCT DISTURBANCE NEC*           32               365,074
          313      EMOTIONAL DIS CHILD/ADOL*           5                53,078
          314      HYPERKINETIC SYNDROME*            268             3,021,475
          315      SPECIFIC DEVELOP DELAYS*           29               281,420
          317      MILD MENTAL RETARDATION             2                16,263
          319      MENTAL RETARDATION NOS             11                97,920
          322      MENINGITIS, UNSPECIFIED*           10                66,759
          323      ENCEPHALOMYELITIS*                  6                74,748
          331      CEREBRAL DEGENERATION*             47               506,942
          332      PARKINSON'S DISEASE*               44               493,097
          333      EXTRAPYRAMIDAL DIS NEC*            28               374,304
          336      SPINAL CORD DISEASE NEC*            9                99,856
          337      AUTONOMIC NERVE DISORDER*           6               106,808
          340      MULTIPLE SCLEROSIS                 29               359,340
          342      HEMIPLEGIA*                         2                49,933
          343      INFANTILE CEREBRAL PALSY*          27               257,280
          344      OTH PARALYTIC SYNDROMES*           11               158,707
          345      EPILEPSY*                          68               921,209
          346      MIGRAINE*                         501             5,851,352
          347      CATAPLEXY AND NARCOLEPSY            5                85,942
          348      OTHER BRAIN CONDITIONS*            23               296,356
          349      CNS DISORDER NEC/NOS*              30               311,444
          350      TRIGEMINAL NERV DISORDER*           4                35,683
          351      FACIAL NERVE DISORDERS*            16               164,935
          352      DISORDER CRAN NERVE NEC*            1                14,288

             NOTE: ' * ' indicates collapsing of fully specified codes to 3-digit
                code categories.  See Section 2.5.2 for additional information.
```

```
                                  TABLE 1
                UNWEIGHTED AND WEIGHTED COUNT OF RECORDS FOR EACH VALUE OF ICD9CODX


       ICD9CODX                                                           WEIGHTED
       VALUE        LABEL                            UNWEIGHTED          BY PERWT00F

         353        NERVE ROOT/PLEXUS DIS*                   11              142,070
         354        MONONEURITIS UPPER LIMB*                142            1,917,507
         355        MONONEURITIS LEG*                       156            1,809,756
         356        HERED PERIPH NEUROPATHY*                 14              170,847
         357        INFLAM/TOXIC NEUROPATHY*                  3               22,011
         358        MYONEURAL DISORDERS*                      6               46,294
         359        MUSCULAR DYSTROPHIES*                     6               70,084
         360        DISORDERS OF THE GLOBE*                 194            2,444,649
         361        RETINAL DETACHMENT*                      18              230,258
         362        RETINAL DISORDERS NEC*                   99            1,290,144
         363        CHOROIDAL DISORDERS*                      1               19,290
         364        IRIS/CILIARY BODY DIS*                    8              117,276
         365        GLAUCOMA*                               264            3,208,663
         366        CATARACT*                               342            4,209,048
         367        DISORDERS OF REFRACTION*                280            3,809,318
         368        VISUAL DISTURBANCES*                     88            1,094,266
         369        BLINDNESS AND LOW VISION*                78              753,196
         370        KERATITIS*                                8              165,941
         371        CORNEAL OPACITY/DISORDER*                 9              114,682
         372        DISORDERS OF CONJUNCTIVA*               182            2,237,487
         373        INFLAMMATION OF EYELIDS*                 38              424,304
         374        DISORDERS OF EYELIDS NEC*                12              124,830
         375        LACRIMAL SYSTEM DISORDER*                58              762,356
         377        DISORDERS OF OPTIC NERVE*                 6               69,298
         378        STRABISMUS*                              22              258,164
         379        EYE DISORDERS NEC*                      191            2,204,199
         380        DISORDER OF EXTERNAL EAR*                97            1,270,375
         381        NONSUPPUR OTITIS MEDIA*                  12              162,802
         382        OTITIS MEDIA, SUPPUR/NOS*             1,398           16,067,838
         384        DISORD TYMPANIC MEMB NEC*                27              321,192
         385        DIS MID EAR/MASTOID NEC*                  4               49,511
         386        VERTIGINOUS SYNDROMES*                   59              724,043
         388        DISORDERS OF EAR NEC*                   249            2,791,003
         389        HEARING LOSS*                           154            1,831,868
         390        RHEUM FEV W/O HRT INVOLV                  5               82,929
         394        DISEASES OF MITRAL VALVE*                 1               31,286
         397        ENDOCARDIAL DISEASE NEC*                  1                4,958
         398        OTH RHEUMATIC HEART DIS*                  1                7,507
         401        ESSENTIAL HYPERTENSION*               3,012           34,398,709
         402        HYPERTENSIVE HEART DIS*                   3               50,920
         403        HYPERTENSIVE RENAL DIS*                   1                4,888
         410        ACUTE MYOCARDIAL INFARCT*               131            1,515,886
         411        OTH AC ISCHEMIC HRT DIS*                 11              110,890
         412        OLD MYOCARDIAL INFARCT                   20              243,478
         413        ANGINA PECTORIS*                         84            1,007,430
         414        OTH CHR ISCHEMIC HRT DIS*                82              989,594
         415        ACUTE PULMONARY HRT DIS*                  4               43,183
         416        CHR PULMONARY HEART DIS*                  4               55,214
         420        ACUTE PERICARDITIS*                       1                4,580
         423        OTH PERICARDIAL DISEASE*                  5               49,434
         424        OTH ENDOCARDIAL DISEASE*                 88            1,111,786
         425        CARDIOMYOPATHY*                           8               94,576
         426        CONDUCTION DISORDERS*                    12              171,371
         427        CARDIAC DYSRHYTHMIAS*                    312            3,807,972
         428        HEART FAILURE*                          114            1,292,934
         429        ILL-DEFINED HEART DIS*                  618            6,853,214
         431        INTRACEREBRAL HEMORRHAGE                  1               11,559
         432        INTRACRANIAL HEM NEC/NOS*                 1                4,044
         433        PRECEREBRAL OCCLUSION*                   24              286,637
         435        TRANSIENT CEREB ISCHEMIA*                24              304,420
         436        CVA                                     181            2,149,610
         437        OTH CEREBROVASC DISEASE*                  5               65,847
         438        LATE EFF CEREBROVASC DIS*                24              312,431

                NOTE: ' * ' indicates collapsing of fully specified codes to 3-digit
                   code categories.  See Section 2.5.2 for additional information.
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                                    TABLE 1
           UNWEIGHTED AND WEIGHTED COUNT OF RECORDS FOR EACH VALUE OF ICD9CODX


       ICD9CODX                                                       WEIGHTED
        VALUE        LABEL                        UNWEIGHTED         BY PERWT00F

         440     ATHEROSCLEROSIS*                      36              436,252
         441     AORTIC ANEURYSM*                      12              151,508
         442     OTHER ANEURYSM*                       25              321,135
         443     OTH PERIPH VASCULAR DIS*               6               78,030
         444     ARTERIAL EMBOLISM*                    91            1,095,919
         446     POLYARTERIT NODOSA ET AL*              3               33,495
         447     OTHER ARTERIAL DISEASE*               33              422,601
         448     DISEASE OF CAPILLARIES*                2               15,265
         451     THROMBOPHLEBITIS*                     15              181,220
         453     OTH VENOUS THROMBOSIS*                45              531,861
         454     VARICOSE VEINS, LEG*                  33              359,320
         455     HEMORRHOIDS*                          99            1,199,126
         456     VARICOSE VEINS NEC*                    2               39,863
         457     NONINFECT LYMPHATIC DIS*               6               68,230
         458     HYPOTENSION NEC                       39              405,941
         459     OTH CIRCULATORY DISEASE*             173            1,842,234
         460     ACUTE NASOPHARYNGITIS              3,947           46,110,030
         461     ACUTE SINUSITIS*                       7               77,214
         462     ACUTE PHARYNGITIS                    460            5,508,512
         463     ACUTE TONSILLITIS                    125            1,183,950
         464     AC LARYNGITIS/TRACHEITIS*             78              922,619
         465     AC URI MULT SITES/NOS*               222            2,829,208
         466     AC BRONCHITIS/BRONCHIOL*              27              367,573
         470     DEVIATED NASAL SEPTUM                  9              108,250
         471     NASAL POLYPS*                          8              101,987
         472     CHR PHARYNG/NASOPHARYNG*               8               80,701
         473     CHRONIC SINUSITIS*                 1,245           16,382,276
         474     CHR T & A DIS*                        39              367,666
         477     ALLERGIC RHINITIS*                 1,813           21,426,042
         478     OTH UPPR RESPIRATORY DIS*            738            7,749,089
         482     OTH BACTERIAL PNEUMONIA*               2               30,346
         483     PNEUMONIA: ORGANISM NEC*               1               11,427
         485     BRONCHOPNEUMONIA ORG NOS              14              169,815
         486     PNEUMONIA, ORGANISM NOS              350            4,211,939
         487     INFLUENZA*                         1,562           17,444,632
         490     BRONCHITIS NOS                       872           10,413,294
         491     CHRONIC BRONCHITIS*                   25              274,174
         492     EMPHYSEMA*                           132            1,620,100
         493     ASTHMA*                            1,156           12,724,733
         494     BRONCHIECTASIS*                        1               12,535
         496     CHR AIRWAY OBSTRUCT NEC               16              199,575
         500     COAL WORKERS' PNEUMOCON                3               42,840
         505     PNEUMOCONIOSIS NOS                     8              110,755
         506     FUM/VAPOR RESP DISEASES*               1               21,639
         511     PLEURISY*                             25              349,816
         512     PNEUMOTHORAX*                          2               16,136
         514     PULM CONGEST/HYPOSTASIS               64              592,496
         518     OTHER LUNG DISEASES*                  89            1,014,504
         519     OTH RESP SYSTEM DISEASES*            191            2,489,650
         520     TOOTH DEVELOP/ERUPT DIS*              30              312,645
         521     HARD TISSUE DIS OF TEETH*             53              626,695
         522     PULP & PERIAPICAL DIS*               268            3,109,197
         523     GINGIVAL/PERIODONTAL DIS*            117            1,309,916
         524     DENTOFACIAL ANOMALIES*                30              382,931
         525     OTHER DENTAL DISORDER*               299            3,136,650
         526     JAW DISEASES*                         20              232,080
         527     SALIVARY GLAND DISEASES*              19              296,047
         528     ORAL SOFT TISSUE DISEASE*             93            1,182,402
         529     TONGUE DISORDERS*                      8               90,210
         530     DISEASES OF ESOPHAGUS*               514            6,474,478
         531     GASTRIC ULCER*                       119            1,280,032
         532     DUODENAL ULCER*                        2               10,255
         533     PEPTIC ULCER, SITE NOS*               12              129,458


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              code categories.  See Section 2.5.2 for additional information.
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ICD9CODX VALUE	LABEL	UNWEIGHTED	WEIGHTED BY PERWT00F
535	GASTRITIS AND DUODENITIS*	110	850,290
536	STOMACH FUNCTION DISORD*	684	7,395,989
537	OTH GASTRODUODENAL DIS*	217	2,631,774
540	ACUTE APPENDICITIS*	5	84,001
541	APPENDICITIS NOS	28	257,472
550	INGUINAL HERNIA*	14	119,526
552	OTH ABDOM HERNIA W OBSTR*	1	19,553
553	OTHER ABDOMINAL HERNIA*	244	2,878,469
555	REGIONAL ENTERITIS*	26	390,910
556	IDIOPATHIC PROCTOCOLITIS*	13	170,550
557	VASC INSUFF INTESTINE*	1	17,379
558	OTH NONINF GASTROENTERIT*	54	760,255
560	INTESTINAL OBSTRUCTION*	11	139,033
562	DIVERTICULA OF INTESTINE*	73	898,145
564	FUNCT DIGESTIVE DIS NEC*	205	2,410,073
565	ANAL FISSURE & FISTULA*	3	27,791
566	ANAL & RECTAL ABSCESS	3	22,317
567	PERITONITIS*	2	13,289
568	OTH PERITONEAL DISORDERS*	3	32,780
569	OTH INTESTINAL DISORDERS*	133	1,672,824
571	CHR LIVER DIS/CIRRHOSIS*	23	209,245
572	SEQUELA OF CHR LIVER DIS*	2	10,160
573	OTH LIVER DISORDERS*	50	460,199
574	CHOLELITHIASIS*	66	649,593
575	OTH GALLBLADDER DISORDER*	83	942,372
576	OTH DIS OF BILIARY TRACT*	4	32,905
577	DISEASES OF PANCREAS*	28	288,204
578	GASTROINTESTINAL HEMORR*	47	524,909
579	INTESTINAL MALABSORPTION*	3	39,590
581	NEPHROTIC SYNDROME*	4	43,466
583	NEPHRITIS NOS*	4	36,497
585	CHRONIC RENAL FAILURE	1	9,503
586	RENAL FAILURE NOS	36	332,188
587	RENAL SCLEROSIS NOS	1	12,908
588	IMPAIRED RENAL FUNCTION*	5	66,290
590	KIDNEY INFECTION*	123	1,300,596
592	RENAL/URETERAL CALCULUS*	111	1,339,942
593	OTH RENAL & URETERAL DIS*	101	1,099,575
595	CYSTITIS*	286	3,466,858
596	OTHER BLADDER DISORDERS*	107	1,374,021
597	URETHRITIS/URETHRAL SYND*	1	3,255
598	URETHRAL STRICTURE*	1	22,925
599	OTH URINARY TRACT DISOR*	428	4,776,803
600	HYPERPLASIA OF PROSTATE*	71	882,920
601	PROSTATIC INFLAMMATION*	31	335,719
602	OTH PROSTATIC DISORDERS*	144	1,695,017
603	HYDROCELE*	6	148,010
604	ORCHITIS & EPIDIDYMITIS*	6	77,427
606	MALE INFERTILITY*	1	13,164
607	DISORDERS OF PENIS*	10	119,738
608	MALE GENITAL DIS NEC*	21	262,732
610	BENIGN MAMMARY DYSPLASIA*	53	678,131
611	OTHER BREAST DISORDERS*	184	2,280,469
614	FEMALE PELVIC INFLAM DIS*	15	136,461
615	UTERINE INFLAMMATORY DIS*	7	63,841
616	OTH FEMALE GEN INFLAM*	84	879,994
617	ENDOMETRIOSIS*	45	625,274
618	GENITAL PROLAPSE*	16	189,668
620	NONINFLAM DIS OVAR/ADNEX*	96	1,171,503
621	DISORDERS OF UTERUS NEC*	30	372,596
622	NONINFLAMM DIS CERVIX*	18	259,598
623	NONINFLAMM DIS VAGINA*	45	546,432
625	FEMALE GENITAL SYMPTOMS*	168	1,827,951

NOTE: ' * ' indicates collapsing of fully specified codes to 3-digit
code categories. See Section 2.5.2 for additional information.

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                                           TABLE 1
                    UNWEIGHTED AND WEIGHTED COUNT OF RECORDS FOR EACH VALUE OF ICD9CODX


       ICD9CODX                                                                    WEIGHTED
       VALUE        LABEL                              UNWEIGHTED              BY PERWT00F

         626        DISORDER OF MENSTRUATION*                 177               2,090,773
         627        MENOPAUSAL DISORDERS*                     470               5,291,800
         628        FEMALE INFERTILITY*                         9                 140,091
         629        OTH FEMALE GENITAL DIS*                    68                 723,499
         631        OTH ABN PROD CONCEPTION                     1                   9,842
         633        ECTOPIC PREGNANCY*                          3                  27,292
         634        SPONTANEOUS ABORTION*                      38                 501,298
         637        UNSPECIFIED ABORTION*                       2                  22,603
         641        ANTEPART HEM & PLAC PREV*                   1                  17,801
         642        HYPERTENSION COMPL PREG*                    2                   8,642
         643        EXCESS VOMITING IN PREG*                    7                  82,709
         644        EARLY/THREATENED LABOR*                    11                 121,279
         646        OTHER COMPL OF PREGNANCY*                   6                  71,951
         647        INFECTIVE DIS IN PREG*                      1                  28,466
         648        OTH CURRENT COND IN PREG*                  26                 269,672
         650        NORMAL DELIVERY                            90                 969,975
         652        MALPOSITION OF FETUS*                       1                   7,125
         655        FETAL ABN AFFECT MOTHER*                    1                  16,942
         656        OTH FETAL PROB AFF MOTH*                    1                  12,217
         666        POSTPARTUM HEMORRHAGE*                      1                  27,080
         669        OTH COMPL LABOR/DELIVERY*                   7                  78,580
         670        MAJOR PUERPERAL INFECT*                     1                   4,757
         674        PUERPERAL COMPL NEC/NOS*                    5                  83,901
         676        OTH BREAST/LACT DIS PREG*                   1                   4,287
         680        CARBUNCLE AND FURUNCLE*                    22                 237,451
         681        CELLULITIS, FINGER/TOE*                    16                 162,439
         682        OTHER CELLULITIS/ABSCESS*                  38                 467,239
         683        ACUTE LYMPHADENITIS                         8                  92,154
         684        IMPETIGO                                   20                 250,030
         685        PILONIDAL CYST*                             8                 126,495
         686        OTH LOCAL SKIN INFECTION*                 172               1,879,018
         690        ERYTHEMATOSQUAMOUS DERM*                    8                  88,715
         691        ATOPIC DERMATITIS*                         19                 218,194
         692        CONTACT DERMATITIS*                       360               4,405,136
         693        DERMAT D/T INTERN AGENT*                   39                 580,680
         694        BULLOUS DERMATOSES*                         1                  12,366
         695        ERYTHEMATOUS CONDITIONS*                   74               1,052,918
         696        PSORIASIS/LIKE DISORDERS*                  86               1,212,540
         697        LICHEN*                                     3                  34,073
         698        PRURITUS & LIKE COND*                      48                 597,220
         700        CORNS AND CALLOSITIES                      73                 868,570
         701        OTH SKIN HYPERTRO/ATROPH*                  81                 959,181
         702        OTHER DERMATOSES*                           6                  86,204
         703        DISEASES OF NAIL*                         167               2,002,552
         704        HAIR & FOLLICLE DISEASE*                   47                 594,960
         705        DISORDERS OF SWEAT GLAND*                   9                 125,951
         706        SEBACEOUS GLAND DISEASE*                  442               5,858,697
         707        CHRONIC ULCER OF SKIN*                    175               2,018,745
         708        URTICARIA*                                 47                 600,460
         709        OTHER SKIN DISORDERS*                     313               3,719,933
         710        DIFF CONNECTIVE TISS DIS*                  50                 620,350
         711        ARTHROPATHY W INFECTION*                    3                  33,504
         714        OTH INFLAMM POLYARTHROP*                  104               1,352,447
         715        OSTEOARTHROSIS ET AL*                     139               1,812,070
         716        ARTHROPATHIES NEC/NOS*                  1,432              16,056,450
         717        INTERNAL DERANGEMNT KNEE*                  12                 150,055
         718        OTHER JOINT DERANGEMENT*                   27                 328,022
         719        JOINT DISORDER NEC & NOS*                 796               9,421,441
         720        INFLAM SPONDYLOPATHIES*                     4                  29,295
         721        SPONDYLOSIS ET AL*                         79                 909,593
         722        INTERVERTEBRAL DISC DIS*                  324               4,154,731
         723        OTHER CERVICAL SPINE DIS*                 178               2,218,357
         724        BACK DISORDER NEC & NOS*                1,406              16,297,328


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                 code categories.  See Section 2.5.2 for additional information.
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                                     TABLE 1
                 UNWEIGHTED AND WEIGHTED COUNT OF RECORDS FOR EACH VALUE OF ICD9CODX


      ICD9CODX                                                                 WEIGHTED
       VALUE      LABEL                                    UNWEIGHTED         BY PERWT00F

         725      POLYMYALGIA RHEUMATICA                            7              81,625
         726      PERIPH ENTHESOPATHIES*                          297           3,753,510
         727      OTH DIS SYNOV/TEND/BURSA*                       203           2,655,890
         728      DIS OF MUSCLE/LIG/FASCIA*                       191           2,394,577
         729      OTHER SOFT TISSUE DIS*                          680           7,610,460
         730      OSTEOMYELITIS*                                    7             115,073
         731      OSTEITIS DEFORMANS*                               4              44,485
         732      OSTEOCHONDROPATHIES*                             10             117,814
         733      OTH BONE & CARTILAGE DIS*                       378           4,629,712
         734      FLAT FOOT                                        11             121,860
         735      ACQ DEFORMITIES OF TOE*                          18             190,978
         736      OTH ACQ LIMB DEFORMITIES*                        11             125,042
         737      CURVATURE OF SPINE*                              64             928,658
         738      OTHER ACQUIRED DEFORMITY*                         4              63,663
         741      SPINA BIFIDA*                                     5              30,093
         742      OTH NERVOUS SYSTEM ANOM*                          2              10,232
         743      CONGENITAL EYE ANOMALY*                           4              55,128
         744      CONG ANOM EAR/FACE/NECK*                          2              34,000
         745      CARDIAC SEPTAL CLOS ANOM*                         1              14,262
         746      OTHER CONGEN HEART ANOM*                          7              67,968
         747      OTH CONG CIRC SYST ANOM*                          4              44,168
         749      CLEFT PALATE & CLEFT LIP*                         3              19,723
         750      OTHER UPPER GI ANOMALY*                           2              34,070
         752      GENITAL ORGAN ANOMALIES*                          8              78,661
         753      URINARY SYSTEM ANOMALIES*                        15             228,019
         754      CONG MUSCULOSKEL DEFORM*                         10             120,051
         755      OTH CONGEN LIMB ANOMALY*                         18             217,654
         756      OTH MUSCULOSKELET ANOMAL*                        15             133,262
         757      CONGEN SKIN ANOMALIES*                            6              55,629
         758      CHROMOSOMAL ANOMALIES*                           20             219,305
         759      CONGEN ANOMALIES NEC/NOS*                        20             259,448
         764      LT-FOR-DATES W/O FET MAL*                         1               3,383
         765      EXTREME IMMATURITY*                               6              66,800
         767      BIRTH TRAUMA*                                     1              23,021
         770      OTH NB RESPIRATORY COND*                          4              39,025
         771      PERINATAL INFECTION*                              1              13,157
         772      FETAL/NEONATAL HEMORRHAG*                         1                   0
         774      OTHER PERINATAL JAUNDICE*                         2              36,583
         778      INTEGUMENT/TEMP COND NB*                          1               6,814
         779      OTH PERINATAL CONDITION*                          2              17,593
         780      GENERAL SYMPTOMS*                              1,787          19,565,072
         781      NERV/MUSCULSKEL SYS SYMP*                        74           1,016,681
         782      SKIN/OTH INTEGUMENT SYMP*                       717           8,346,348
         783      NUTRIT/METAB/DEVEL SYMP*                         92             821,578
         784      SYMPTOMS INVOL HEAD/NECK*                       744           8,117,672
         785      CARDIOVASCULAR SYS SYMP*                        238           2,910,152
         786      RESP SYS/OTH CHEST SYMP*                        829           8,923,136
         787      GI SYSTEM SYMPTOMS*                             527           5,531,867
         788      URINARY SYSTEM SYMPTOMS*                        157           1,744,213
         789      OTH ABDOMEN/PELVIS SYMP*                        193           2,103,341
         790      ABNORMAL BLOOD FINDINGS*                        117           1,454,790
         791      ABNORMAL URINE FINDINGS*                          8              82,857
         792      ABN FIND-OTH BODY SUBST*                          6              64,580
         793      ABN FIND-BODY STRUCT NOS*                        21             244,041
         794      ABNORMAL FUNCTION STUDY*                         11             140,218
         795      ABN HISTOLOG/IMMUNO FIND*                        58             785,266
         796      OTHER ABNORMAL FINDINGS*                        303           3,581,440
         797      SENILITY W/O PSYCHOSIS                           64             669,975
         798      SUDDEN DEATH CAUSE UNKNW*                         1               9,407
         799      OTH ILL-DEF MORBID/MORTL*                       353           3,979,293
         802      FRACTURE OF FACE BONES*                          28             325,353
         803      OTHER SKULL FRACTURE*                             5              46,349
         805      VERTEBRL FX W/O CORD INJ*                        44             546,379


           NOTE: ' * ' indicates collapsing of fully specified codes to 3-digit
             code categories.  See Section 2.5.2 for additional information.
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ICD9CODX VALUE	LABEL	UNWEIGHTED	WEIGHTED BY PERWT00F
807	FX RIB/STERN/LARYN/TRACH*	56	729,672
808	PELVIC FRACTURE*	6	46,700
809	FRACTURE OF TRUNK BONES*	1	11,434
810	CLAVICLE FRACTURE*	21	249,370
811	SCAPULA FRACTURE*	3	22,416
812	HUMERUS FRACTURE*	32	439,565
813	RADIUS & ULNA FRACTURE*	7	71,384
814	CARPAL FRACTURE*	50	610,385
815	METACARPAL FRACTURE*	26	291,220
816	FRACTURE PHALANGES, HAND*	74	801,152
817	MULTIPLE HAND FRACTURES*	2	21,116
818	FRACTURE ARM MULT/NOS*	71	731,146
819	FX ARMS W RIB/STERNUM*	1	8,767
820	FRACTURE NECK OF FEMUR*	37	448,647
821	OTHER FEMORAL FRACTURE*	8	106,576
822	PATELLA FRACTURE*	14	78,942
823	TIBIA & FIBULA FRACTURE*	7	111,331
824	ANKLE FRACTURE*	55	752,076
825	FX OF TARSAL/METATARSAL*	61	850,182
826	FRACTURE PHALANGES, FOOT*	58	703,428
827	LOWER LIMB FRACTURE NEC*	44	479,108
828	FX LEGS W ARM/RIB*	2	22,425
829	FRACTURE NOS*	7	61,501
830	JAW DISLOCATION*	1	20,825
831	SHOULDER DISLOCATION*	35	476,937
832	ELBOW DISLOCATION*	7	100,307
833	WRIST DISLOCATION*	2	8,418
834	DISLOCATION OF FINGER*	7	73,357
835	DISLOCATION OF HIP*	10	159,778
836	DISLOCATION OF KNEE*	32	479,549
837	DISLOCATION OF ANKLE*	2	22,712
838	DISLOCATION OF FOOT*	3	41,164
839	DISLOCATION NEC*	39	402,022
840	SPRAIN SHOULDER & ARM*	131	1,642,582
841	SPRAIN ELBOW & FOREARM*	9	104,666
842	SPRAIN WRIST & HAND*	72	925,352
843	SPRAIN OF HIP & THIGH*	21	333,898
844	SPRAIN OF KNEE & LEG*	134	1,526,679
845	SPRAIN OF ANKLE & FOOT*	275	3,286,786
846	SPRAIN SACROILIAC REGION*	30	405,729
847	SPRAIN OF BACK NEC/NOS*	326	4,172,247
848	SPRAIN NEC*	94	1,164,751
850	CONCUSSION*	36	448,404
851	CEREBRAL LACER/CONTUSION*	1	21,783
852	MENINGEAL HEM FOLLOW INJ*	1	9,867
853	OTH TRAUMATIC BRAIN HEM*	1	28,426
854	OTHER BRAIN INJURY*	53	625,901
861	HEART & LUNG INJURY*	1	12,330
862	INTRATHORACIC INJURY NEC*	1	9,065
865	SPLEEN INJURY*	2	18,002
866	KIDNEY INJURY*	1	17,486
868	OTH INTRA-ABDOMINAL INJ*	1	12,696
869	INTERNAL INJURY NOS*	1	4,316
870	OCULAR ADNEXA OPEN WOUND*	4	70,150
871	EYEBALL OPEN WOUND*	17	167,384
872	OPEN WOUND OF EAR*	6	88,672
873	OTHER OPEN WOUND OF HEAD*	346	4,281,759
874	OPEN WOUND OF NECK*	1	19,870
875	OPEN WOUND OF CHEST*	2	12,486
876	OPEN WOUND OF BACK*	1	18,224
877	OPEN WOUND OF BUTTOCK*	1	10,653
879	OPEN WOUND SITE NEC*	42	524,656
880	OPN WND SHOULDR/UPPR ARM*	2	32,156

NOTE: ' * ' indicates collapsing of fully specified codes to 3-digit
code categories. See Section 2.5.2 for additional information.

ICD9CODX VALUE	LABEL	UNWEIGHTED	WEIGHTED BY PERWT00F
881	OPEN WOUND OF LOWER ARM*	15	142,661
882	OPEN WOUND OF HAND*	58	740,213
883	OPEN WOUND OF FINGER*	124	1,690,600
884	OPEN WOUND ARM MULT/NOS*	20	277,302
886	TRAUM AMPUTATION FINGER*	5	43,111
890	OPEN WOUND OF HIP/THIGH*	6	80,528
891	OPEN WND KNEE/LEG/ANKLE*	51	681,035
892	OPEN WOUND OF FOOT*	46	509,516
893	OPEN WOUND OF TOE*	15	184,115
894	OPEN WOUND OF LEG NEC*	1	7,734
895	TRAUMATIC AMPUTATION TOE*	2	30,520
905	LATE EFF MUSCULOSKEL INJ*	5	66,244
906	LATE EFF SKIN/SUBCUT INJ*	1	6,504
908	LATE EFF INJURY NEC/NOS*	15	236,356
909	LATE EFF EXTER CAUSE NEC*	2	15,876
910	SUPERFICIAL INJURY HEAD*	19	184,635
911	SUPERFICIAL INJURY TRUNK*	4	36,621
912	SUPERFIC INJ SHOULDR/ARM*	2	33,356
913	SUPERFICIAL INJ FOREARM*	9	132,819
914	SUPERFICIAL INJ OF HAND*	3	63,578
915	SUPERFICIAL INJ FINGER*	9	115,313
916	SUPERFICIAL INJ HIP/LEG*	21	196,739
917	SUPERFICIAL INJ FOOT/TOE*	7	53,826
918	SUPERFIC INJ EYE/ADNEXA*	37	486,727
919	SUPERFICIAL INJ OTH SITE*	47	596,974
920	CONTUSION FACE/SCALP/NCK	34	433,693
921	CONTUSION EYE & ADNEXA*	41	503,505
922	CONTUSION OF TRUNK*	28	385,157
923	CONTUSION OF UPPER LIMB*	49	616,761
924	CONTUSION LEG & OTH SITE*	103	1,211,589
925	CRUSH INJ FACE/SCALP/NCK*	3	19,960
926	CRUSHING INJURY OF TRUNK*	2	21,610
927	CRUSHING INJ UPPER LIMB*	5	52,803
928	CRUSHING INJURY OF LEG*	28	361,541
930	FOREIGN BODY EXTERN EYE*	35	439,533
931	FOREIGN BODY IN EAR	9	89,345
932	FOREIGN BODY IN NOSE	3	41,800
933	FB PHARYNX & LARYNX*	11	100,384
938	FOREIGN BODY GI NOS	8	112,945
940	BURN OF EYE & ADNEXA*	11	143,502
941	BURN OF HEAD/FACE/NECK*	4	40,903
942	BURN OF TRUNK*	1	4,088
943	BURN OF ARM*	10	127,453
944	BURN OF HAND & WRIST*	28	417,755
945	BURN OF LEG*	12	84,285
947	BURN OF INTERNAL ORGANS*	3	27,209
949	BURN UNSPECIFIED*	7	77,342
950	INJ OPTIC NERV/PATHWAYS*	2	15,229
951	CRANIAL NERVE INJURY NEC*	1	8,789
952	SPINAL CORD INJ W/O FX*	11	116,051
953	INJ NERVE ROOT/SPIN PLEX*	3	50,248
954	INJURY OTH TRUNK NERVE*	1	9,920
955	INJ PERIPH NERV SHLD/ARM*	7	95,365
956	INJ PERIPH NERV PELV/LEG*	3	33,624
957	INJURY TO NERVE NEC/NOS*	3	30,602
958	EARLY COMPLIC OF TRAUMA*	3	37,237
959	INJURY NEC/NOS*	1,032	12,074,763
960	POISONING BY ANTIBIOTICS*	1	0
963	POISONING-SYSTEMIC AGENT*	1	10,172
965	POIS-ANALGESIC/ANTIPYRET*	4	41,178
969	POISON-PSYCHOTROPIC AGT*	1	16,705
971	POISON-AUTONOMIC AGENT*	1	7,693
972	POISON-CARDIOVASC AGENT*	1	8,370

NOTE: ' * ' indicates collapsing of fully specified codes to 3-digit
   code categories. See Section 2.5.2 for additional information.

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                                    TABLE 1
            UNWEIGHTED AND WEIGHTED COUNT OF RECORDS FOR EACH VALUE OF ICD9CODX

    ICD9CODX                                                           WEIGHTED
    VALUE        LABEL                               UNWEIGHTED       BY PERWT00F

      977       POIS-MEDICINAL NEC/NOS*                    15            190,266
      980       ALCOHOL TOXICITY*                           1              9,561
      984       TOXIC EFF LEAD & COMPND*                    4             31,274
      986       TOX EFF CARBON MONOXIDE                     2             17,211
      987       TOXIDE EFF GAS/VAPOR NEC*                   4             28,763
      988       TOXIC EFF NOXIOUS FOOD*                     1             10,683
      989       TOX EFF OTH NONMED SUBST*                  73            875,287
      990       EFFECTS RADIATION NOS                       2             27,685
      991       EFF REDUCED TEMPERATURE*                    1              9,050
      992       EFFECT OF HEAT/LIGHT*                       20            210,650
      993       EFFECTS OF AIR PRESSURE*                     2             27,041
      994       EFFECT EXTERNAL CAUS NEC*                   11            117,123
      995       CERTAIN ADVERSE EFF NEC*                   191          2,221,204
      996       REPLACE & GRAFT COMPLIC*                    47            512,837
      997       SURG COMPL-BODY SYST NEC*                    2             23,124
      998       OTH SURGICAL COMPL NEC*                     58            659,499
      999       COMPLIC MEDICAL CARE NEC*                    9            145,980
      E93       ADV EFF ANTIBIOTICS*                         1             12,575
      V01       COMMUNICABLE DIS CONTACT*                    2             17,204
      V03       VACCIN FOR BACTERIAL DIS*                    4             33,798
      V04       VACCIN FOR VIRAL DISEASE*                   20            222,214
      V05       OTH VACCIN FOR SINGL DIS*                   38            334,522
      V06       VAC FOR DIS COMBINATION*                     7             38,487
      V07       PROPHYLACTIC MEASURES*                      75            944,887
      V08       ASYMP HIV INFECTN STATUS                     6             39,715
      V10       HX OF MALIGNANT NEOPLASM*                   32            350,560
      V11       HX OF MENTAL DISORDER*                       1              4,825
      V12       HX OF DISEASE NEC*                          11            198,621
      V13       HX OF OTHER DISEASES*                        2             11,349
      V15       OTH HX OF HEALTH HAZARDS*                   13            154,896
      V16       FAMILY HX-MALIGNANCY*                        4             68,582
      V20       HEALTH SUPERVISION CHILD*                   50            592,165
      V21       CONSTITUT STATE IN DEVEL*                    3             28,704
      V22       NORMAL PREGNANCY*                          803          8,749,865
      V24       POSTPARTUM CARE/EXAM*                       19            170,355
      V25       CONTRACEPTIVE MANAGEMENT*                  412          5,377,564
      V26       PROCREATIVE MANAGEMENT*                     15            167,794
      V28       ANTENATAL SCREENING*                         1             11,050
      V29       NB OBSRV SUSPCT INFECT                       2             16,914
      V30       SINGLE LIVEBORN*                            56            572,240
      V40       MENTAL/BEHAVIORAL PROB*                     72            847,440
      V41       PROB W SPECIAL FUNCTIONS*                  146          1,727,409
      V42       ORGAN TRANSPLANT STATUS*                     2             21,096
      V43       ORGAN REPLACEMENT NEC*                       8             61,065
      V44       ARTIFICIAL OPNING STATUS*                    2             28,865
      V45       OTH POSTSURGICAL STATES*                    44            463,144
      V47       OTH PROBL W INTERNAL ORG*                   33            421,036
      V48       HEAD/NECK/TRUNK PROBLEMS*                   11            129,564
      V49       LIMB PROBLEM/PROBLEM NEC*                   36            373,315
      V50       OTHER ELECTIVE SURGERY*                      2             19,574
      V52       FITTING OF PROSTHESIS*                      11            133,685
      V53       ADJUSTMENT OF OTH DEVICE*                   37            479,266
      V54       OTH ORTHOPEDIC AFTERCARE*                    8             63,186
      V55       ATTEN TO ARTIFICIAL OPEN*                    4             68,656
      V56       DIALYSIS ENCOUNTER*                          2              6,729
      V57       REHABILITATION PROCEDURE*                   20            232,689
      V58       ENCOUNTR PROC/AFTRCR NEC*                   25            317,436
      V60       HOUSEHOLD CIRCUMSTANCES*                     4             32,212
      V61       OTH FAMILY CIRCUMSTANCES*                   28            461,034
      V62       OTH PSYCHOSOCIAL CIRCUM*                    37            481,932
      V65       OTHER REASON FOR CONSULT*                   92          1,112,735
      V66       CONVALESCENCE*                               2             22,439
      V67       FOLLOW-UP EXAMINATION*                     149          1,605,378

         NOTE: ' * ' indicates collapsing of fully specified codes to 3-digit
            code categories.  See Section 2.5.2 for additional information.
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TABLE 1
UNWEIGHTED AND WEIGHTED COUNT OF RECORDS FOR EACH VALUE OF ICD9CODX

ICD9CODX VALUE	LABEL	UNWEIGHTED	WEIGHTED BY PERWT00F
V68	ADMINISTRATIVE ENCOUNTER*	1,240	14,970,422
V69	LACK OF PHYSICAL EXERCSE	17	222,121
V70	GENERAL MEDICAL EXAM*	445	4,759,634
V71	OBSERVATION-SUSPECT COND*	143	1,664,144
V72	SPECIAL EXAMINATIONS*	1,117	12,600,448
V74	SCREENING-BACTERIAL DIS*	17	166,976
V75	SCREEN-OTH INFECTIVE DIS*	2	59,262
V76	SCREENING-MALIG NEOPLASM*	94	1,174,561
V77	SCREEN-ENDO/NUTR/METAB*	51	557,504
V78	SCREENING FOR BLOOD DIS*	5	40,978
V80	SCREEN-NEURO/EYE/EAR DIS*	12	153,828
V81	SCREEN-HEART/RESP/GU DIS*	9	108,117
V82	SCREEN-OTHER CONDITIONS*	17	190,967
	TOTAL	72,624	853,951,341

NOTE: ' * ' indicates collapsing of fully specified codes to 3-digit
code categories. See Section 2.5.2 for additional information.

TABLE 2

UNWEIGHTED AND WEIGHTED COUNT OF RECORDS FOR EACH VALUE OF ICD9PROX

ICD9PROX VALUE	LABEL	UNWEIGHTED	WEIGHTED BY PERWT00F
-1	INAPPLICABLE	70,452	827,902,602
01	INCISE-EXCIS BRAIN/SKULL*	2	29,490
02	OTHER SKULL/BRAIN OPS*	1	1,499
03	SPINAL CORD & CANAL OPS*	18	242,468
04	CRAN & PERIPH NERVE OPS*	7	115,304
06	THYROID/PARATHYROID OPS*	12	144,689
07	OTH ENDOCRINE GLND OPS*	1	6,367
08	EYELID OPERATIONS*	4	46,377
09	LACRIMAL SYSTEM OP*	1	19,436
11	OPERATIONS ON CORNEA*	9	113,624
13	OPERATIONS ON LENS*	69	843,437
14	POSTERIOR SEGMENT OPS*	4	42,033
15	EXTRAOCULAR MUSCLE OPS*	2	20,415
16	ORBIT/EYEBALL OPS*	39	464,326
18	EXTERNAL EAR OPERATIONS*	6	55,344
19	MIDDLE EAR RECONSTRUCT*	2	37,837
20	OTHER MID & INNER EAR OP*	31	356,748
21	OPERATIONS ON NOSE*	8	114,307
22	NASAL SINUS OPERATIONS*	10	104,858
23	TOOTH REMOVAL & RESTORAT*	339	4,034,859
24	OTH OPS ON TEETH & GUMS*	37	428,707
27	OTHER MOUTH & FACE OPS*	18	213,721
28	TONSIL & ADENOID OPS*	27	311,237
29	OPERATIONS ON PHARYNX*	1	9,079
30	EXCISION OF LARYNX*	1	10,518
31	LARYNX TRACHEA OPS NEC*	3	40,872
32	LUNG & BRONCHUS EXCISION*	2	21,366
33	OTHER BRONCHIAL/LUNG OPS*	3	18,388
34	THORAX OPS EXCEPT LUNG*	4	58,299
35	HEART VALVES & SEPTA OPS*	10	128,691
36	OPS ON HEART VESSELS*	42	629,329
37	OTHER HEART/PERICARD OPS*	38	489,481
38	VESSEL INC/EXCIS/OCCLUS*	9	90,884
39	OTHER OPS ON VESSELS*	39	451,277
40	LYMPHATIC SYSTEM OPS*	4	74,778
41	BONE MARROW & SPLEEN OPS*	4	53,797
42	OPERATIONS ON ESOPHAGUS*	5	58,390
43	GASTRIC INCISION/EXCIS*	2	7,744
44	OTHER GASTRIC OPERATIONS*	8	80,368
45	INTEST INCIS/EXCIS/ANAST*	70	1,053,067
46	OTHER INTESTINAL OPS*	8	100,579
47	OPERATIONS ON APPENDIX*	14	180,448
48	RECTAL & PERIRECTAL OPS*	5	80,046
49	OPERATIONS ON ANUS*	7	102,587
50	OPERATIONS ON LIVER*	4	12,034
51	BILIARY TRACT OPERATION*	54	533,348
52	OPERATIONS ON PANCREAS*	1	6,340
53	REPAIR OF HERNIA*	15	143,172
54	OTHER ABDOMEN REGION OPS*	6	79,119
55	OPERATIONS ON KIDNEY*	15	158,438
56	OPERATIONS ON URETER*	1	19,586
57	URINARY BLADDER OPS*	15	194,904
58	OPERATIONS ON URETHRA*	2	23,724
59	OTHER URINARY TRACT OPS*	1	35,804
60	PROSTATE & SEMIN VES OPS*	13	203,510
62	OPERATIONS ON TESTES*	1	31,865
63	SPERM CORD/EPID/VAS OPS*	24	353,745
64	OPERATIONS ON PENIS*	12	89,905
65	OPERATIONS ON OVARY*	8	68,918
66	FALLOPIAN TUBE OPERATION*	18	170,704
67	OPERATIONS ON CERVIX*	4	33,240
68	OTHER UTERINE INCIS/EXC*	80	920,957
69	OTHER UTERUS/SUPPORT OPS*	11	107,598

NOTE: ' * ' indicates collapsing of fully specified codes to 3-digit
   code categories. See Section 2.5.2 for additional information.

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                            TABLE 2
         UNWEIGHTED AND WEIGHTED COUNT OF RECORDS FOR EACH VALUE OF ICD9PROX

   ICD9PROX                                                    WEIGHTED
   VALUE      LABEL                           UNWEIGHTED      BY PERWT00F

     70       VAGINA & CUL-DE-SAC OPS*             8             92,226
     71       VULVAR & PERINEAL OPS*               1             13,905
     73       ASSIST/INDUCE DELIV NEC*             6             60,438
     74       C-SECTION/REMOVAL FETUS*            13            122,276
     75       OTHER OBSTETRIC OPS*                 2             33,788
     76       FACIAL BONE & JOINT OPS*             4             52,621
     77       INCIS/EXCIS/DIV BONE NEC*           14            253,271
     78       OTH BONE OPS EXCPT FACE*            30            362,525
     79       REDUCTION FX/DISLOCATION*            2             27,598
     80       INCISION/EXCISION JOINT*            14            172,284
     81       JOINT REPAIR*                      105          1,259,872
     82       HAND MUSCL/TEND/FASC OPS*            1              9,284
     83       OTHER MUS/TEN/FAS/BUR OP*            4             44,381
     84       OTHER MUSCULOSKELET PROC*           61            673,936
     85       OPERATIONS ON THE BREAST*           42            458,767
     86       SKIN & SUBQ OPERATIONS*            269          3,434,578
     87       DIAGNOSTIC RADIOLOGY*               58            693,027
     88       OTHER DX RADIOLOGY*                 32            331,401
     89       INTERVIEW/CONSULT/EXAM*             29            341,004
     91       MICROSCOPIC EXAM--II*               10             54,370
     92       NUCLEAR MEDICINE*                    9            116,571
     93       PT, REHAB & RELATED PROC*           33            473,543
     94       PSYCHE RELATED PROCEDURE*           24            278,046
     95       EYE & EAR DX/TREATMENT*             19            233,318
     96       NON-OP INTUBAT & IRRIGAT*           36            397,745
     97       REPLACE & REMOV DEVICES*            15            139,365
     98       NONOP REMOVE FOREIGN BOD*            7             78,375
     99       OTHER NONOPERATIVE PROC*           113          1,166,240
              TOTAL                           72,624        853,951,341
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NOTE: ' * ' indicates collapsing of fully specified codes to 3-digit
   code categories. See Section 2.5.2 for additional information.

CCCODEX VALUE	LABEL	UNWEIGHTED	WEIGHTED BY PERWT00F
-1	INAPPLICABLE	364	4,420,976
-8	DK	1,504	17,860,823
001	TUBERCULOSIS	20	246,599
002	SEPTICEMIA (EXCEPT IN LABOR)	13	142,628
003	BACTERIAL INFECTION, UNSPECIFIED SIT	120	1,468,195
004	MYCOSES	505	6,284,792
005	HIV INFECTION	17	125,821
006	HEPATITIS	51	521,300
007	VIRAL INFECTION	1,016	12,669,824
008	OTHER INFECTIONS, INCLUDING PARASITI	186	2,006,908
009	SEXUALLY TRANSMITTED INFECTIONS (NOT	7	89,876
010	IMMUNIZATIONS AND SCREENING FOR INFE	99	950,045
011	CANCER OF HEAD AND NECK	32	384,850
012	CANCER OF ESOPHAGUS	1	11,859
013	CANCER OF STOMACH	7	56,461
014	CANCER OF COLON	39	464,920
015	CANCER OF RECTUM AND ANUS	2	16,748
016	CANCER OF LIVER AND INTRAHEPATIC BIL	5	48,179
017	CANCER OF PANCREAS	5	43,410
018	CANCER OF OTHER GI ORGANS, PERITONEU	3	32,128
019	CANCER OF BRONCHUS, LUNG	31	391,499
021	CANCER OF BONE AND CONNECTIVE TISSUE	22	196,505
022	MELANOMAS OF SKIN	23	255,735
023	OTHER NON-EPITHELIAL CANCER OF SKIN	213	2,656,107
024	CANCER OF BREAST	107	1,262,239
025	CANCER OF UTERUS	12	162,101
026	CANCER OF CERVIX	30	375,244
027	CANCER OF OVARY	6	93,000
028	CANCER OF OTHER FEMALE GENITAL ORGAN	2	17,222
029	CANCER OF PROSTATE	75	921,519
030	CANCER OF TESTIS	4	37,734
032	CANCER OF BLADDER	18	223,605
033	CANCER OF KIDNEY AND RENAL PELVIS	3	44,195
035	CANCER OF BRAIN AND NERVOUS SYSTEM	2	18,895
036	CANCER OF THYROID	8	113,845
037	HODGKIN'S DISEASE	6	103,042
038	NON-HODGKIN'S LYMPHOMA	19	223,938
039	LEUKEMIAS	21	251,123
040	MULTIPLE MYELOMA	5	49,842
041	CANCER, OTHER AND UNSPECIFIED PRIMAR	50	638,450
042	SECONDARY MALIGNANCIES	2	29,064
043	MALIGNANT NEOPLASM WITHOUT SPECIFICA	55	736,849
044	NEOPLASMS OF UNSPECIFIED NATURE OR U	233	2,755,345
045	MAINTENANCE CHEMOTHERAPY, RADIOTHERA	3	31,348
046	BENIGN NEOPLASM OF UTERUS	12	179,424
047	OTHER AND UNSPECIFIED BENIGN NEOPLAS	313	4,370,156
048	THYROID DISORDERS	908	11,223,751
049	DIABETES MELLITUS WITHOUT COMPLICATI	1,250	13,022,818
050	DIABETES MELLITUS WITH COMPLICATIONS	42	447,655
051	OTHER ENDOCRINE DISORDERS	350	4,294,381
052	NUTRITIONAL DEFICIENCIES	19	309,706
053	DISORDERS OF LIPID METABOLISM	1,256	15,663,886
054	GOUT AND OTHER CRYSTAL ARTHROPATHIES	167	1,853,268
055	FLUID AND ELECTROLYTE DISORDERS	492	5,768,905
056	CYSTIC FIBROSIS	2	28,691
057	IMMUNITY DISORDERS	7	95,623
058	OTHER NUTRITIONAL, ENDOCRINE, AND ME	210	2,282,376
059	DEFICIENCY AND OTHER ANEMIA	238	2,406,941
061	SICKLE CELL ANEMIA	16	189,891
062	COAGULATION AND HEMORRHAGIC DISORDER	26	273,289
063	DISEASES OF WHITE BLOOD CELLS	11	160,748
064	OTHER HEMATOLOGIC CONDITIONS	78	850,611
065	MENTAL RETARDATION	13	114,183

NOTE: ' * ' indicates collapsing of fully specified codes to 3-digit
code categories. See Section 2.5.2 for additional information.

TABLE 3

CCCODEX VALUE	LABEL	UNWEIGHTED	WEIGHTED BY PERWT00F
066	ALCOHOL-RELATED MENTAL DISORDERS	34	367,973
067	SUBSTANCE-RELATED MENTAL DISORDERS	50	650,381
068	SENILITY AND ORGANIC MENTAL DISORDER	129	1,434,056
069	AFFECTIVE DISORDERS	159	2,147,210
070	SCHIZOPHRENIA AND RELATED DISORDERS	56	721,878
071	OTHER PSYCHOSES	18	266,205
072	ANXIETY, SOMATOFORM, DISSOCIATIVE, A	907	11,556,107
073	PREADULT DISORDERS	301	3,398,207
074	OTHER MENTAL CONDITIONS	1,516	18,074,433
075	PERSONAL HISTORY OF MENTAL DISORDER,	87	1,028,031
076	MENINGITIS (EXCEPT THAT CAUSED BY TU	10	66,759
077	ENCEPHALITIS (EXCEPT THAT CAUSED BY	6	74,748
078	OTHER CNS INFECTION AND POLIOMYELITI	7	78,593
079	PARKINSON'S DISEASE	44	493,097
080	MULTIPLE SCLEROSIS	29	359,340
081	OTHER HEREDITARY AND DEGENERATIVE NE	44	520,334
082	PARALYSIS	40	465,921
083	EPILEPSY, CONVULSIONS	218	2,544,859
084	HEADACHE, INCLUDING MIGRAINE	1,100	12,277,909
085	COMA, STUPOR, AND BRAIN DAMAGE	9	66,467
086	CATARACT	342	4,290,048
087	RETINAL DETACHMENTS, DEFECTS, VASCUL	117	1,520,402
088	GLAUCOMA	264	3,208,663
089	BLINDNESS AND VISION DEFECTS	453	5,735,013
090	INFLAMMATION, INFECTION OF EYE (EXCE	388	4,843,662
091	OTHER EYE DISORDERS	530	6,110,804
092	OTITIS MEDIA AND RELATED CONDITIONS	1,437	16,551,832
093	CONDITIONS ASSOCIATED WITH DIZZINESS	288	3,212,812
094	OTHER EAR AND SENSE ORGAN DISORDERS	596	7,066,743
095	OTHER NERVOUS SYSTEM DISORDERS	607	7,521,389
096	HEART VALVE DISORDERS	186	2,296,008
097	PERI-, ENDO-, AND MYOCARDITIS, CARDI	15	156,097
098	ESSENTIAL HYPERTENSION	3,011	34,391,752
099	HYPERTENSION WITH COMPLICATIONS AND	5	62,764
100	ACUTE MYOCARDIAL INFARCTION	131	1,515,886
101	CORONARY ATHEROSCLEROSIS AND OTHER H	202	2,426,131
102	NONSPECIFIC CHEST PAIN	276	3,111,046
103	PULMONARY HEART DISEASE	8	98,397
104	OTHER AND ILL-DEFINED HEART DISEASE	618	6,853,214
105	CONDUCTION DISORDERS	44	595,778
106	CARDIAC DYSRHYTHMIAS	394	4,886,173
107	CARDIAC ARREST AND VENTRICULAR FIBRI	16	196,249
108	CONGESTIVE HEART FAILURE, NONHYPERTE	114	1,292,934
109	ACUTE CEREBROVASCULAR DISEASE	183	2,165,213
110	OCCLUSION OR STENOSIS OF PRECEREBRAL	24	286,637
111	OTHER AND ILL-DEFINED CEREBROVASCULA	5	65,847
112	TRANSIENT CEREBRAL ISCHEMIA	24	304,420
113	LATE EFFECTS OF CEREBROVASCULAR DISE	24	312,431
114	PERIPHERAL AND VISCERAL ATHEROSCLERO	37	453,631
115	AORTIC, PERIPHERAL, AND VISCERAL ART	37	472,644
116	AORTIC AND PERIPHERAL ARTERIAL EMBOL	91	1,095,919
117	OTHER CIRCULATORY DISEASE	293	3,327,811
118	PHLEBITIS, THROMBOPHLEBITIS AND THRO	60	713,081
119	VARICOSE VEINS OF LOWER EXTREMITY	33	359,320
120	HEMORRHOIDS	99	1,199,126
121	OTHER DISEASES OF VEINS AND LYMPHATI	10	118,626
122	PNEUMONIA (EXCEPT THAT CAUSED BY TUB	369	4,452,157
123	INFLUENZA	1,562	17,444,632
124	ACUTE AND CHRONIC TONSILLITIS	164	1,551,616
125	ACUTE BRONCHITIS	27	367,573
126	OTHER UPPER RESPIRATORY INFECTIONS	6,494	78,852,481
127	CHRONIC OBSTRUCTIVE PULMONARY DISEAS	1,046	12,519,678
128	ASTHMA	1,156	12,724,733

NOTE: ' * ' indicates collapsing of fully specified codes to 3-digit
  code categories. See Section 2.5.2 for additional information.

CCCODEX VALUE	LABEL	UNWEIGHTED	WEIGHTED BY PERWT00F
130	PLEURISY, PNEUMOTHORAX, PULMONARY CO	35	444,416
131	RESPIRATORY FAILURE, INSUFFICIENCY,	2	28,024
132	LUNG DISEASE DUE TO EXTERNAL AGENTS	12	175,233
133	OTHER LOWER RESPIRATORY DISEASE	881	9,733,230
134	OTHER UPPER RESPIRATORY DISEASE	2,670	30,559,704
135	INTESTINAL INFECTION	2,665	31,468,737
136	DISORDERS OF TEETH AND JAW	1,127	12,674,505
137	DISEASES OF MOUTH, EXCLUDING DENTAL	120	1,568,659
138	ESOPHAGEAL DISORDERS	515	6,479,102
139	GASTRODUODENAL ULCER (EXCEPT HEMORRH	106	1,002,802
140	GASTRITIS AND DUODENITIS	110	850,290
141	OTHER DISORDERS OF STOMACH AND DUODE	901	10,027,762
142	APPENDICITIS AND OTHER APPENDICEAL C	35	355,258
143	ABDOMINAL HERNIA	259	3,017,548
144	REGIONAL ENTERITIS AND ULCERATIVE CO	39	561,460
145	INTESTINAL OBSTRUCTION WITHOUT HERNI	11	139,033
146	DIVERTICULOSIS AND DIVERTICULITIS	73	898,145
147	ANAL AND RECTAL CONDITIONS	15	117,240
148	PERITONITIS AND INTESTINAL ABSCESS	2	13,289
149	BILIARY TRACT DISEASE	153	1,624,871
150	LIVER DISEASE, ALCOHOL-RELATED	1	10,010
151	OTHER LIVER DISEASES	91	855,954
152	PANCREATIC DISORDERS (NOT DIABETES)	28	288,204
153	GASTROINTESTINAL HEMORRHAGE	113	1,561,094
154	NONINFECTIOUS GASTROENTERITIS	53	741,171
155	OTHER GASTROINTESTINAL DISORDERS	743	8,493,111
156	NEPHRITIS, NEPHROSIS, RENAL SCLEROSI	9	92,871
157	ACUTE AND UNSPECIFIED RENAL FAILURE	36	332,188
158	CHRONIC RENAL FAILURE	3	16,231
159	URINARY TRACT INFECTIONS	762	8,603,513
160	CALCULUS OF URINARY TRACT	118	1,398,166
161	OTHER DISEASES OF KIDNEY AND URETERS	106	1,165,866
162	OTHER DISEASES OF BLADDER AND URETHR	110	1,415,456
163	GENITOURINARY SYMPTOMS AND ILL-DEFIN	247	2,861,298
164	HYPERPLASIA OF PROSTATE	71	882,920
165	INFLAMMATORY CONDITIONS OF MALE GENI	40	447,616
166	OTHER MALE GENITAL DISORDERS	180	2,209,456
167	NONMALIGNANT BREAST CONDITIONS	237	2,958,600
168	INFLAMMATORY DISEASES OF FEMALE PELV	106	1,080,296
169	ENDOMETRIOSIS	45	625,274
170	PROLAPSE OF FEMALE GENITAL ORGANS	16	189,668
171	MENSTRUAL DISORDERS	278	3,257,554
172	OVARIAN CYST	85	1,049,273
173	MENOPAUSAL DISORDERS	527	5,956,737
174	FEMALE INFERTILITY	9	140,091
175	OTHER FEMALE GENITAL DISORDERS	293	3,301,821
176	CONTRACEPTIVE AND PROCREATIVE MANAGE	428	5,549,225
177	SPONTANEOUS ABORTION	38	501,298
178	INDUCED ABORTION	2	22,603
180	ECTOPIC PREGNANCY	3	27,292
181	OTHER COMPLICATIONS OF PREGNANCY	28	341,916
182	HEMORRHAGE DURING PREGNANCY, ABRUPTI	1	17,801
183	HYPERTENSION COMPLICATING PREGNANCY,	2	8,642
184	EARLY OR THREATENED LABOR	11	121,279
186	DIABETES OR ABNORMAL GLUCOSE TOLERAN	13	120,723
187	MALPOSITION, MALPRESENTATION	1	7,125
191	POLYHYDRAMNIOS AND OTHER PROBLEMS OF	3	32,603
195	OTHER COMPLICATIONS OF BIRTH, PUERPE	17	227,764
196	NORMAL PREGNANCY AND/OR DELIVERY	915	9,910,970
197	SKIN AND SUBCUTANEOUS TISSUE INFECTI	276	3,122,672
198	OTHER INFLAMMATORY CONDITION OF SKIN	220	2,997,832
199	CHRONIC ULCER OF SKIN	175	2,018,745
200	OTHER SKIN DISORDERS	1,646	20,056,287

NOTE: ' * ' indicates collapsing of fully specified codes to 3-digit
code categories. See Section 2.5.2 for additional information.

TABLE 3
UNWEIGHTED AND WEIGHTED COUNT OF RECORDS FOR EACH VALUE OF CCCODEX

CCCODEX VALUE	LABEL	UNWEIGHTED	WEIGHTED BY PERWT00F
201	INFECTIVE ARTHRITIS AND OSTEOMYELITI	10	148,577
202	RHEUMATOID ARTHRITIS AND RELATED DIS	106	1,362,365
203	OSTEOARTHRITIS	139	1,812,070
204	OTHER NON-TRAUMATIC JOINT DISORDERS	2,250	25,763,447
205	SPONDYLOSIS, INTERVERTEBRAL DISC DIS	1,989	23,599,387
206	OSTEOPOROSIS	254	3,178,626
207	PATHOLOGICAL FRACTURE	11	127,454
208	ACQUIRED FOOT DEFORMITIES	70	803,113
209	OTHER ACQUIRED DEFORMITIES	25	343,175
210	SYSTEMIC LUPUS ERYTHEMATOSUS AND CON	50	620,350
211	OTHER CONNECTIVE TISSUE DISEASE	1,377	16,467,598
212	OTHER BONE DISEASE AND MUSCULOSKELET	174	2,185,164
213	CARDIAC AND CIRCULATORY CONGENITAL A	12	126,398
214	DIGESTIVE CONGENITAL ANOMALIES	2	34,070
215	GENITOURINARY CONGENITAL ANOMALIES	23	306,680
216	NERVOUS SYSTEM CONGENITAL ANOMALIES	7	40,325
217	OTHER CONGENITAL ANOMALIES	98	1,114,200
218	LIVEBORN	56	572,240
219	SHORT GESTATION, LOW BIRTH WEIGHT, A	7	70,183
222	HEMOLYTIC JAUNDICE AND PERINATAL JAU	2	36,583
223	BIRTH TRAUMA	1	23,021
224	OTHER PERINATAL CONDITIONS	9	76,589
225	JOINT DISORDERS AND DISLOCATIONS, TR	155	1,977,590
226	FRACTURE OF NECK OF FEMUR (HIP)	37	448,647
227	SPINAL CORD INJURY	11	116,051
228	SKULL AND FACE FRACTURES	33	371,702
229	FRACTURE OF UPPER LIMB	289	3,270,601
230	FRACTURE OF LOWER LIMB	247	3,081,643
231	OTHER FRACTURES	120	1,454,360
232	SPRAINS AND STRAINS	1,095	13,604,855
233	INTRACRANIAL INJURY	92	1,134,381
234	CRUSHING INJURY OR INTERNAL INJURY	45	529,810
235	OPEN WOUNDS OF HEAD, NECK, AND TRUNK	420	5,193,854
236	OPEN WOUNDS OF EXTREMITIES	345	4,419,491
237	COMPLICATION OF DEVICE, IMPLANT OR G	48	520,643
238	COMPLICATIONS OF SURGICAL PROCEDURES	73	865,521
239	SUPERFICIAL INJURY, CONTUSION	413	5,051,293
240	BURNS	77	929,041
241	POISONING BY PSYCHOTROPIC AGENTS	1	16,705
242	POISONING BY OTHER MEDICATIONS AND D	109	1,248,675
243	POISONING BY NONMEDICINAL SUBSTANCES	85	972,779
244	OTHER INJURIES AND CONDITIONS DUE TO	1,334	15,618,404
245	SYNCOPE	41	500,280
246	FEVER OF UNKNOWN ORIGIN	335	3,124,064
247	LYMPHADENITIS	48	494,095
248	GANGRENE	2	9,143
249	SHOCK	2	23,459
250	NAUSEA AND VOMITING	114	999,388
251	ABDOMINAL PAIN	178	1,940,314
252	MALAISE AND FATIGUE	208	2,291,057
253	ALLERGIC REACTIONS	557	6,916,763
254	REHABILITATION CARE, FITTING OF PROS	26	289,991
255	ADMINISTRATIVE/SOCIAL ADMISSION	1,451	17,650,501
256	MEDICAL EXAMINATION/EVALUATION	1,057	11,726,213
257	OTHER AFTERCARE	175	1,939,811
258	OTHER SCREENING FOR SUSPECTED CONDIT	189	2,237,004
259	RESIDUAL CODES, UNCLASSIFIED	1,822	21,186,528
260	E (EXTERNAL CAUSES OF INJURY AND POI	1	12,575
	TOTAL	72,624	853,951,341

NOTE: ' * ' indicates collapsing of fully specified codes to 3-digit
code categories. See Section 2.5.2 for additional information.

**Appendix 3:
Clinical Classification Code to
ICD-9 Code Crosswalk**

Diagnosis category
ICD-9-CM codes

1   Tuberculosis

V1201	01000	01001	01002	01003	01004	01005	01006	01010	01011	01012	01013
01014	01015	01016	01080	01081	01082	01083	01084	01085	01086	01090	01091
01092	01093	01094	01095	01096	01100	01101	01102	01103	01104	01105	01106
01110	01111	01112	01113	01114	01115	01116	01120	01121	01122	01123	01124
01125	01126	01130	01131	01132	01133	01134	01135	01136	01140	01141	01142
01143	01144	01145	01146	01150	01151	01152	01153	01154	01155	01156	01160
01161	01162	01163	01164	01165	01166	01170	01171	01172	01173	01174	01175
01176	01180	01181	01182	01183	01184	01185	01186	01190	01191	01192	01193
01194	01195	01196	01200	01201	01202	01203	01204	01205	01206	01210	01211
01212	01213	01214	01215	01216	01220	01221	01222	01223	01224	01225	01226
01230	01231	01232	01233	01234	01235	01236	01280	01281	01282	01283	01284
01285	01286	01300	01301	01302	01303	01304	01305	01306	01310	01311	01312
01313	01314	01315	01316	01320	01321	01322	01323	01324	01325	01326	01330
01331	01332	01333	01334	01335	01336	01340	01341	01342	01343	01344	01345
01346	01350	01351	01352	01353	01354	01355	01356	01360	01361	01362	01363
01364	01365	01366	01380	01381	01382	01383	01384	01385	01386	01390	01391
01392	01393	01394	01395	01396	01400	01401	01402	01403	01404	01405	01406
01480	01481	01482	01483	01484	01485	01486	01500	01501	01502	01503	01504
01505	01506	01510	01511	01512	01513	01514	01515	01516	01520	01521	01522
01523	01524	01525	01526	01550	01551	01552	01553	01554	01555	01556	01560
01561	01562	01563	01564	01565	01566	01570	01571	01572	01573	01574	01575
01576	01580	01581	01582	01583	01584	01585	01586	01590	01591	01592	01593
01594	01595	01596	01600	01601	01602	01603	01604	01605	01606	01610	01611
01612	01613	01614	01615	01616	01620	01621	01622	01623	01624	01625	01626
01630	01631	01632	01633	01634	01635	01636	01640	01641	01642	01643	01644
01645	01646	01650	01651	01652	01653	01654	01655	01656	01660	01661	01662
01663	01664	01665	01666	01670	01671	01672	01673	01674	01675	01676	01690
01691	01692	01693	01694	01695	01696	01700	01701	01702	01703	01704	01705
01706	01710	01711	01712	01713	01714	01715	01716	01720	01721	01722	01723
01724	01725	01726	01730	01731	01732	01733	01734	01735	01736	01740	01741
01742	01743	01744	01745	01746	01750	01751	01752	01753	01754	01755	01756
01760	01761	01762	01763	01764	01765	01766	01770	01771	01772	01773	01774
01775	01776	01780	01781	01782	01783	01784	01785	01786	01790	01791	01792
01793	01794	01795	01796	01800	01801	01802	01803	01804	01805	01806	01880
01881	01882	01883	01884	01885	01886	01890	01891	01892	01893	01894	01895
01896	1370	1371	1372	1373	1374						

NOTE: All ICD-9-CM coding changes from January 1980 through September 1999 are included in this appendix. However, special treatment is required for code 2510 (Hypoglycemic coma) which resides in diagnosis category 50 Diabetes mellitus, if data prior to October 1993 are used. After October 1993, code 2510 resides in diagnosis category 51 Other endocrine disorders (as depicted in this appendix).

Diagnosis category
ICD-9-CM codes

2   Septicemia (except in labor)

| 0031 | 0202 | 0223 | 0362 | 0380 | 0381 | 03810 | 03811 | 03819 | 0382 | 0383 | 03840 |
| 03841 | 03842 | 03843 | 03844 | 03849 | 0388 | 0389 | 0545 | 7907 | | | |

3   Bacterial infection, unspecified site

V090	V091	V092	V093	V094	V0950	V0951	V096	V0970	V0971	V0980	V0981
V0990	V0991	0200	0208	0209	0218	0219	0228	0229	0230	0231	0232
0233	0238	0239	024	025	0260	0269	0270	0271	0272	0278	0279
0300	0301	0302	0303	0308	0309	0312	0318	0319	03289	0329	0330
0331	0338	0339	0341	0363	03681	03689	0369	037	0392	0393	0394
0398	0399	0400	0401	0402	0403	04081	04089	0410	04100	04101	04102
04103	04104	04105	04109	0411	04110	04111	04119	0412	0413	0414	0415
0416	0417	0418	04181	04182	04183	04184	04185	04186	04189	0419	390
3929	7953										

4   Mycoses

1100	1101	1102	1103	1104	1105	1106	1108	1109	1110	1111	1112
1113	1118	1119	1120	1121	1122	1123	1125	11282	11284	11285	11289
1129	1141	1143	1149	11500	11509	11510	11519	11590	11599	1160	1161
1162	1170	1171	1172	1173	1174	1175	1176	1177	1178	1179	118

5   HIV infection

| V08 | 042 | 0420 | 0421 | 0422 | 0429 | 0430 | 0431 | 0432 | 0433 | 0439 | 0440 |
| 0449 | 07953 | 27910 | 27919 | 79571 | 7958 | | | | | | |

6   Hepatitis

0700	0701	0702	07020	07021	07022	07023	0703	07030	07031	07032	07033
0704	07041	07042	07043	07044	07049	0705	07051	07052	07053	07054	07059
0706	0709	57140	57141	57149	5731	5732	5733				

7   Viral infection

0500	0501	0502	0509	0510	0511	0512	0519	0527	0528	0529	05310
05311	05312	05313	05319	05371	05379	0538	0539	0540	05410	05411	05412
05413	05419	0542	0546	05471	05473	05479	0548	0549	05579	0558	0559
05600	05609	05679	0568	0569	0570	0578	0579	0600	0601	0609	061
0650	0651	0652	0653	0654	0658	0659	0660	0661	0663	0668	0669
071	0720	0723	07271	07272	07279	0728	0729	0737	0738	0739	0740
0741	0743	0748	075	0780	0781	07810	07811	07819	0782	0783	0784
0785	0786	0787	07881	07882	07888	07889	0790	0791	0792	0793	0794
07950	07951	07952	07959	0796	0798	07981	07988	07989	0799	07998	07999
7908											

Diagnosis category
ICD-9-CM codes

8   Other infections, including parasitic

V120	V1200	V1203	V1209	080	0810	0811	0812	0819	0820	0821	0822
0823	0828	0829	0831	0832	0838	0839	0840	0841	0842	0843	0844
0845	0846	0847	0848	0849	0850	0851	0852	0853	0854	0855	0859
0860	0861	0862	0863	0864	0865	0869	0870	0871	0879	0880	0888
08881	08882	08889	0889	1000	10089	1009	101	1020	1021	1022	1023
1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1039	1040
1048	1049	1200	1201	1202	1203	1208	1209	1210	1211	1212	1213
1214	1215	1216	1218	1219	1220	1221	1222	1223	1224	1225	1226
1227	1228	1229	1230	1231	1232	1233	1234	1235	1236	1238	1239
124	1250	1251	1252	1253	1254	1255	1256	1257	1259	1260	1261
1262	1263	1268	1269	1270	1271	1272	1273	1274	1275	1276	1277
1278	1279	1280	1281	1288	1289	129	1305	1307	1308	1309	13100
13101	13102	13103	13109	1318	1319	1320	1321	1322	1323	1329	1330
1338	1339	1340	1341	1342	1348	1349	135	1360	1361	1362	1364
1365	1368	1369	1398								

9   Sexually transmitted infections (not HIV or hepatitis)

0900	0901	0902	0903	09040	09041	09042	09049	0905	0906	0907	0909
0910	0911	0912	0913	0914	09150	09151	09152	09161	09162	09169	0917
09181	09182	09189	0919	0920	0929	0930	0931	09320	09321	09322	09323
09324	09381	09382	09389	0939	0940	0941	0942	0943	09481	09482	09483
09484	09485	09486	09487	09489	0949	0950	0951	0952	0953	0954	0955
0956	0957	0958	0959	096	0970	0971	0979	0980	09810	09811	09812
09813	09814	09815	09816	09817	09819	0982	09830	09831	09832	09833	09834
09835	09836	09837	09839	09840	09841	09842	09843	09849	09850	09851	09852
09853	09859	0986	0987	09881	09882	09883	09884	09885	09886	09889	0990
0991	0992	0993	0994	09940	09941	09949	09950	09951	09952	09953	09954
09955	09956	09959	0998	0999							

10   Immunizations and screening for infectious disease

V010	V011	V012	V013	V014	V015	V016	V017	V018	V019	V020	V021
V022	V023	V024	V025	V0251	V0252	V0259	V026	V0260	V0261	V0262	V0269
V027	V028	V029	V030	V031	V032	V033	V034	V035	V036	V037	V038
V0381	V0382	V0389	V039	V040	V041	V042	V043	V044	V045	V046	V047
V048	V050	V051	V052	V053	V054	V058	V059	V060	V061	V062	V063
V064	V065	V066	V068	V069	V286	V712	V730	V731	V732	V733	V734
V735	V736	V738	V7388	V7389	V739	V7398	V7399	V740	V741	V742	V743
V744	V745	V746	V748	V749	V750	V751	V752	V753	V754	V755	V756
V757	V758	V759	7955	7956							

11   Cancer of head and neck

Diagnosis category
ICD-9-CM codes

V1001	V1002	V1021	1400	1401	1403	1404	1405	1406	1408	1409	1410
1411	1412	1413	1414	1415	1416	1418	1419	1420	1421	1422	1428
1429	1430	1431	1438	1439	1440	1441	1448	1449	1450	1451	1452
1453	1454	1455	1456	1458	1459	1460	1461	1462	1463	1464	1465
1466	1467	1468	1469	1470	1471	1472	1473	1478	1479	1480	1481
1482	1483	1488	1489	1490	1491	1498	1499	1600	1601	1602	1603
1604	1605	1608	1609	1610	1611	1612	1613	1618	1619	1950	2300
2310											

12   Cancer of esophagus

V1003   1500   1501   1502   1503   1504   1505   1508   1509   2301

13   Cancer of stomach

V1004   1510   1511   1512   1513   1514   1515   1516   1518   1519   2302

14   Cancer of colon

V1005   1530   1531   1532   1533   1534   1535   1536   1537   1538   1539   1590
2303

15   Cancer of rectum and anus

V1006   1540   1541   1542   1543   1548   2304   2305   2306

16   Cancer of liver and intrahepatic bile duct

V1007   1550   1551   1552   2308

17   Cancer of pancreas

1570   1571   1572   1573   1574   1578   1579

18   Cancer of other GI organs, peritoneum

V1000   V1009   1520   1521   1522   1523   1528   1529   1560   1561   1562   1568
1569   1580   1588   1589   1591   1598   1599   2307   2309

19   Cancer of bronchus, lung

V1011   1622   1623   1624   1625   1628   1629   2312

20   Cancer, other respiratory and intrathoracic

V1012   V1020   V1022   1620   1630   1631   1638   1639   1650   1658   1659   2311
2318   2319

21   Cancer of bone and connective tissue

Diagnosis category
ICD-9-CM codes

1700	1701	1702	1703	1704	1705	1706	1707	1708	1709	1710	1712
1713	1714	1715	1716	1717	1718	1719					

22   Melanomas of skin

V1082	1720	1721	1722	1723	1724	1725	1726	1727	1728	1729	

23   Other non-epithelial cancer of skin

V1083	1730	1731	1732	1733	1734	1735	1736	1737	1738	1739	2320
2321	2322	2323	2324	2325	2326	2327	2328	2329			

24   Cancer of breast

V103	1740	1741	1742	1743	1744	1745	1746	1748	1749	1750	1759
2330											

25   Cancer of uterus

V1042	179	1820	1821	1828	2332

26   Cancer of cervix

V1041	1800	1801	1808	1809	2331	7950

27   Cancer of ovary

V1043	1830

28   Cancer of other female genital organs

V1040	V1044	181	1832	1833	1834	1835	1838	1839	1840	1841	1842
1843	1844	1848	1849	2333							

29   Cancer of prostate

V1046	185	2334

30   Cancer of testis

V1047	1860	1869

31   Cancer of other male genital organs

V1045	V1048	V1049	1871	1872	1873	1874	1875	1876	1877	1878	1879
2335	2336										

32   Cancer of bladder

Diagnosis category
ICD-9-CM codes

| | V1051 | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | 1888 | 1889 | 2337 |

33   Cancer of kidney and renal pelvis

| | V1052 | 1890 | 1891 |

34   Cancer of other urinary organs

| | V1050 | V1059 | 1892 | 1893 | 1894 | 1898 | 1899 | 2339 |

35   Cancer of brain and nervous system

| V1085 | V1086 | 1910 | 1911 | 1912 | 1913 | 1914 | 1915 | 1916 | 1917 | 1918 | 1919 |
| 1920 | 1921 | 1922 | 1923 | 1928 | 1929 |

36   Cancer of thyroid

V1087   193

37   Hodgkin's disease

V1072	20100	20101	20102	20103	20104	20105	20106	20107	20108	20110	20111
20112	20113	20114	20115	20116	20117	20118	20120	20121	20122	20123	20124
20125	20126	20127	20128	20140	20141	20142	20143	20144	20145	20146	20147
20148	20150	20151	20152	20153	20154	20155	20156	20157	20158	20160	20161
20162	20163	20164	20165	20166	20167	20168	20170	20171	20172	20173	20174
20175	20176	20177	20178	20190	20191	20192	20193	20194	20195	20196	20197
20198

38   Non-Hodgkin's lymphoma

V1071	V1079	20000	20001	20002	20003	20004	20005	20006	20007	20008	20010
20011	20012	20013	20014	20015	20016	20017	20018	20020	20021	20022	20023
20024	20025	20026	20027	20028	20080	20081	20082	20083	20084	20085	20086
20087	20088	20200	20201	20202	20203	20204	20205	20206	20207	20208	20210
20211	20212	20213	20214	20215	20216	20217	20218	20220	20221	20222	20223
20224	20225	20226	20227	20228	20280	20281	20282	20283	20284	20285	20286
20287	20288	20290	20291	20292	20293	20294	20295	20296	20297	20298

39   Leukemias

V1060	V1061	V1062	V1063	V1069	20240	20241	20242	20243	20244	20245	20246
20247	20248	2031	20310	20311	2040	20400	20401	2041	20410	20411	2042
20420	20421	2048	20480	20481	2049	20490	20491	2050	20500	20501	2051
20510	20511	2052	20520	20521	2053	20530	20531	2058	20580	20581	2059
20590	20591	2060	20600	20601	2061	20610	20611	2062	20620	20621	2068

Diagnosis category
ICD-9-CM codes

20680	20681	2069	20690	20691	2070	20700	20701	2071	20710	20711	2072
20720	20721	2078	20780	20781	2080	20800	20801	2081	20810	20811	2082
20820	20821	2088	20880	20881	2089	20890	20891				

40   Multiple myeloma

2030	20300	20301	2038	20380	20381

41   Cancer, other and unspecified primary

V1029	V1081	V1084	V1088	V1089	V109	V711	1640	1641	1642	1643	1648
1649	1760	1761	1762	1763	1764	1765	1768	1769	1900	1901	1902
1903	1904	1905	1906	1907	1908	1909	1940	1941	1943	1944	1945
1946	1948	1949	1951	1952	1953	1954	1955	1958	20230	20231	20232
20233	20234	20235	20236	20237	20238	20250	20251	20252	20253	20254	20255
20256	20257	20258	20260	20261	20262	20263	20264	20265	20266	20267	20268
2340	2348	2349	7951								

42   Secondary malignancies

1960	1961	1962	1963	1965	1966	1968	1969	1970	1971	1972	1973
1974	1975	1976	1977	1978	1980	1981	1982	1983	1984	1985	1986
1987	19881	19882	19889								

43   Malignant neoplasm without specification of site

1990	1991

44   Neoplasms of unspecified nature or uncertain behavior

2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361
2362	2363	2364	2365	2366	2367	23690	23691	23699	2370	2371	2372
2373	2374	2375	2376	2377	23770	23771	23772	2379	2380	2381	2382
2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394
2395	2396	2397	2398	2399							

45   Maintenance chemotherapy, radiotherapy

V580	V581	V661	V662	V671	V672

46   Benign neoplasm of uterus

2180	2181	2182	2189	2190	2191	2198	2199

47   Other and unspecified benign neoplasm

Diagnosis category
ICD-9-CM codes

V1272	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110
2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122
2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134
2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2148	2149
2150	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162
2163	2164	2165	2166	2167	2168	2169	217	220	2210	2211	2212
2218	2219	2220	2221	2222	2223	2224	2228	2229	2230	2231	2232
2233	22381	22389	2239	2240	2241	2242	2243	2244	2245	2246	2247
2248	2249	2250	2251	2252	2253	2254	2258	2259	226	2270	2271
2273	2274	2275	2276	2278	2279	22800	22801	22802	22803	22804	22809
2281	2290	2298	2299								

48   Thyroid disorders

2400	2409	2410	2411	2419	24200	24201	24210	24211	24220	24221	24230
24231	24240	24241	24280	24281	24290	24291	243	2440	2441	2442	2443
2448	2449	2450	2451	2452	2453	2454	2458	2459	2460	2461	2462
2463	2468	2469	7945								

49   Diabetes mellitus without complication

25000	25001	7902	7915	7916

50   Diabetes mellitus with complications

25002	25003	25010	25011	25012	25013	25020	25021	25022	25023	25030	25031
25032	25033	25040	25041	25042	25043	25050	25051	25052	25053	25060	25061
25062	25063	25070	25071	25072	25073	25080	25081	25082	25083	25090	25091
25092	25093										

51   Other endocrine disorders

2510	2511	2512	2513	2514	2515	2518	2519	2520	2521	2528	2529
2530	2531	2532	2533	2534	2535	2536	2537	2538	2539	2540	2541
2548	2549	2550	2551	2552	2553	2554	2555	2556	2558	2559	2560
2561	2562	2563	2564	2568	2569	2570	2571	2572	2578	2579	2580
2581	2588	2589	2590	2591	2592	2593	2594	2598	2599	7946	

52   Nutritional deficiencies

V121	260	261	262	2630	2631	2632	2638	2639	2640	2641	2642
2643	2644	2645	2646	2647	2648	2649	2650	2651	2652	2660	2661
2662	2669	267	2680	2681	2682	2689	2690	2691	2692	2693	2698
2699	7994										

53   Disorders of lipid metabolism

2720	2721	2722	2723	2724

Diagnosis category
ICD-9-CM codes

54   Gout and other crystal arthropathies

2740	27410	27411	27419	27481	27482	27489	2749	71210	71211	71212	71213
71214	71215	71216	71217	71218	71219	71220	71221	71222	71223	71224	71225
71226	71227	71228	71229	71230	71231	71232	71233	71234	71235	71236	71237
71238	71239	71280	71281	71282	71283	71284	71285	71286	71287	71288	71289
71290	71291	71292	71293	71294	71295	71296	71297	71298	71299		

55   Fluid and electrolyte disorders

2760   2761   2762   2763   2764   2765   2766   2767   2768   2769

56   Cystic fibrosis

27700   27701

57   Immunity disorders

27900   27901   27902   27903   27904   27905   27906   27909   27911   27912   27913   2792
2793   2794   2798   2799

58   Other nutritional, endocrine, and metabolic disorders

V122	2700	2701	2702	2703	2704	2705	2706	2707	2708	2709	2710
2711	2712	2713	2714	2718	2719	2725	2726	2727	2728	2729	2730
2731	2732	2733	2738	2739	2750	2751	2752	2753	2754	27540	27541
27542	27549	2758	2759	2771	2772	2773	2774	2775	2776	2778	2779
2780	27800	27801	2781	2782	2783	2784	2788	7831	7832	7833	7834
7835	7839	7947	7957	79579							

59   Deficiency and other anemia

2800	2801	2808	2809	2810	2811	2812	2813	2814	2818	2819	2820
2821	2822	2823	2824	2827	2828	2829	2830	2831	28310	28311	28319
2832	2839	2840	2848	2849	2850	2858	2859				

60   Acute posthemorrhagic anemia

2851

61   Sickle cell anemia

2825   28260   28261   28262   28263   28269

62   Coagulation and hemorrhagic disorders

2860	2861	2862	2863	2864	2865	2866	2867	2869	2870	2871	2872
2873	2874	2875	2878	2879	7827						

Diagnosis category
ICD-9-CM codes

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63   Diseases of white blood cells

| 2880 | 2881 | 2882 | 2883 | 2888 | 2889 |

64   Other hematologic conditions

| V123 | V582 | 2890 | 2894 | 28950 | 28951 | 28959 | 2896 | 2897 | 2898 | 2899 | 7900 |

65   Mental retardation

| 317 | 3180 | 3181 | 3182 | 319 |

66   Alcohol-related mental disorders

| 2910 | 2911 | 2912 | 2913 | 2914 | 2915 | 2918 | 29181 | 29189 | 2919 | 30300 | 30301 |
| 30302 | 30303 | 30390 | 30391 | 30392 | 30393 | 30500 | 30501 | 30502 | 30503 |

67   Substance-related mental disorders

V1582	2920	29211	29212	2922	29281	29282	29283	29284	29289	2929	30400
30401	30402	30403	30410	30411	30412	30413	30420	30421	30422	30423	30430
30431	30432	30433	30440	30441	30442	30443	30450	30451	30452	30453	30460
30461	30462	30463	30470	30471	30472	30473	30480	30481	30482	30483	30490
30491	30492	30493	3051	30510	30511	30512	30513	30520	30521	30522	30523
30530	30531	30532	30533	30540	30541	30542	30543	30550	30551	30552	30553
30560	30561	30562	30563	30570	30571	30572	30573	30580	30581	30582	30583
30590	30591	30592	30593

68   Senility and organic mental disorders

2900	29010	29011	29012	29013	29020	29021	2903	29040	29041	29042	29043
2908	2909	2930	2931	29381	29382	29383	29384	29389	2939	2940	2941
2948	2949	3100	3101	3102	3108	3109	3310	3311	3312	797	

69   Affective disorders

29600	29601	29602	29603	29604	29605	29606	29610	29611	29612	29613	29614
29615	29616	29620	29621	29622	29623	29624	29625	29626	29630	29631	29632
29633	29634	29635	29636	29640	29641	29642	29643	29644	29645	29646	29650
29651	29652	29653	29654	29655	29656	29660	29661	29662	29663	29664	29665
29666	2967	29680	29681	29682	29689	29690	29699	2980	3004	30111	30113

70   Schizophrenia and related disorders

29500	29501	29502	29503	29504	29505	29510	29511	29512	29513	29514	29515
29520	29521	29522	29523	29524	29525	29530	29531	29532	29533	29534	29535
29540	29541	29542	29543	29544	29545	29550	29551	29552	29553	29554	29555
29560	29561	29562	29563	29564	29565	29570	29571	29572	29573	29574	29575

Diagnosis category
ICD-9-CM codes

29580	29581	29582	29583	29584	29585	29590	29591	29592	29593	29594	29595
29900	29901	29910	29911	29980	29981	29990	29991				

71   Other psychoses

2970	2971	2972	2973	2978	2979	2981	2982	2983	2984	2988	2989

72   Anxiety, somatoform, dissociative, and personality disorders

30000	30001	30002	30009	30010	30011	30012	30013	30014	30015	30016	30019
30020	30021	30022	30023	30029	3003	3005	3006	3007	30081	30082	3010
30110	30112	30120	30121	30122	3013	3014	30150	30151	30159	3016	3017
30181	30182	30183	30184	30189	3019	30740	30741	30742	30743	30744	30745
30747	30748	30749	30780	30781	30789	3079	3080	3081	3082	3083	3084
3089	30981	31230	31231	31232	31233	31234	31235	31239			

73   Preadult disorders

30921	31200	31201	31202	31203	31210	31211	31212	31213	31220	31221	31222
31223	3124	3128	31281	31282	31289	3129	3130	31321	31400	31401	3141
3142	3148	3149									

74   Other mental conditions

30089	3009	3021	3022	3023	3024	30250	30251	30252	30253	3026	30270
30271	30272	30273	30274	30275	30276	30279	30281	30282	30283	30284	30285
30289	3029	3060	3061	3062	3063	3064	30650	30651	30652	30653	30659
3066	3067	3068	3069	3070	3071	30720	30721	30722	30723	3073	30746
30750	30751	30752	30753	30754	30759	3076	3077	3090	3091	30922	30923
30924	30928	30929	3093	3094	30982	30983	30989	3099	311	3131	31322
31323	3133	31381	31382	31383	31389	3139	31500	31501	31502	31509	3151
3152	31531	31532	31539	3154	3155	3158	3159	316	7801		

75   Personal history of mental disorder, mental and behavioral problems, observation and screening for mental
         condition

V110	V111	V112	V113	V118	V119	V154	V1541	V1542	V1549	V400	V401
V402	V403	V409	V663	V673	V701	V702	V7101	V7102	V7109	V790	V791
V792	V793	V798	V799								

76   Meningitis (except that caused by tuberculosis or sexually transmitted disease)

00321	0360	0470	0471	0478	0479	0490	0491	0530	05472	0721	10081
11283	1142	11501	11511	11591	3200	3201	3202	3203	3207	3208	32081
32082	32089	3209	3210	3211	3212	3213	3214	3218	3220	3221	3222
3229											

Diagnosis category
ICD-9-CM codes

77   Encephalitis (except that caused by tuberculosis or sexually transmitted disease)

0361	0462	0498	0499	0520	0543	0550	05601	0620	0621	0622	0623
0624	0625	0628	0629	0630	0631	0632	0638	0639	064	0662	0722
1300	1390	3230	3231	3232	3234	3235	3236	3237	3238	3239	

78   Other CNS infection and poliomyelitis

V1202	04500	04501	04502	04503	04510	04511	04512	04513	04520	04521	04522
04523	04590	04591	04592	04593	0460	0461	0463	0468	0469	048	138
3240	3241	3249	326								

79   Parkinson's disease

3320

80   Multiple sclerosis

340

81   Other hereditary and degenerative nervous system conditions

3300	3301	3302	3303	3308	3309	3313	3314	3317	33181	33189	3319
3330	3331	3332	3333	3334	3335	3336	3337	33381	33382	33383	33384
33389	33390	33391	33392	33393	33399	3340	3341	3342	3343	3344	3348
3349	3350	33510	33511	33519	33520	33521	33522	33523	33524	33529	3358
3359	3360	3361	3362	3363	3368	3369	3370	3371	3373	3379	

82   Paralysis

3420	34200	34201	34202	3421	34210	34211	34212	34280	34281	34282	3429
34290	34291	34292	3430	3431	3432	3433	3434	3438	3439	3440	34400
34401	34402	34403	34404	34409	3441	3442	3443	34430	34431	34432	3444
34440	34441	34442	3445	34460	3448	34481	34489	3449	7814		

83   Epilepsy, convulsions

3450	34500	34501	3451	34510	34511	3452	3453	3454	34540	34541	3455
34550	34551	3456	34560	34561	3457	34570	34571	3458	34580	34581	3459
34590	34591	7803	78031	78039							

84   Headache, including migraine

3460	34600	34601	3461	34610	34611	3462	34620	34621	3468	34680	34681

Diagnosis category
ICD-9-CM codes

3469	34690	34691	7840

85   Coma, stupor, and brain damage

3481	7800	78001	78003	78009

86   Cataract

V431	36600	36601	36602	36603	36604	36609	36610	36611	36612	36613	36614
36615	36616	36617	36618	36619	36620	36621	36622	36623	36630	36631	36632
36633	36634	36641	36642	36643	36644	36645	36646	36650	36651	36652	36653
3668	3669										

87   Retinal detachments, defects, vascular occlusion, and retinopathy

36100	36101	36102	36103	36104	36105	36106	36107	36110	36111	36112	36113
36114	36119	3612	36130	36131	36132	36133	36181	36189	3619	36201	36202
36210	36211	36212	36213	36214	36215	36216	36217	36218	36221	36229	36230
36231	36232	36233	36234	36235	36236	36237	36240	36241	36242	36243	36250
36251	36252	36253	36254	36255	36256	36257	36260	36261	36262	36263	36264
36265	36266	36270	36271	36272	36273	36274	36275	36276	36277	36281	36282
36283	36284	36285	36289	3629							

88   Glaucoma

36500	36501	36502	36503	36504	36510	36511	36512	36513	36514	36515	36520
36521	36522	36523	36524	36531	36532	36541	36542	36543	36544	36551	36552
36559	36560	36561	36562	36563	36564	36565	36581	36582	36589	3659	

89   Blindness and vision defects

V410	3670	3671	36720	36721	36722	36731	36732	3674	36751	36752	36753
36781	36789	3679	36800	36801	36802	36803	36810	36811	36812	36813	36814
36815	36816	3682	36830	36831	36832	36833	36834	36840	36841	36842	36843
36844	36845	36846	36847	36851	36852	36853	36854	36855	36859	36860	36861
36862	36863	36869	3688	3689	36900	36901	36902	36903	36904	36905	36906
36907	36908	36910	36911	36912	36913	36914	36915	36916	36917	36918	36920
36921	36922	36923	36924	36925	3693	3694	36960	36961	36962	36963	36964
36965	36966	36967	36968	36969	36970	36971	36972	36973	36974	36975	36976
3698	3699										

Diagnosis category
ICD-9-CM codes

90   Inflammation, infection of eye (except that caused by tuberculosis or sexually transmitted disease)

0213	03281	05320	05321	05322	05329	05440	05441	05442	05443	05444	05449
05571	0760	0761	0769	0770	0771	0772	0773	0774	0778	0779	07798
07799	11502	11512	11592	1301	1302	1391	36000	36001	36002	36003	36004
36011	36012	36013	36014	36019	36300	36301	36303	36304	36305	36306	36307
36308	36310	36311	36312	36313	36314	36315	36320	36321	36322	36400	36401
36402	36403	36404	36405	36410	36411	36421	36422	36423	36424	3643	37020
37021	37022	37023	37024	37031	37032	37033	37034	37035	37040	37044	37049
37050	37052	37054	37055	37059	3708	3709	37200	37201	37202	37203	37204
37205	37210	37211	37212	37213	37214	37215	37220	37221	37222	37230	37231
37233	37239	37300	37301	37302	37311	37312	37313	37331	37332	37333	37334
3734	3735	3736	3738	3739	37500	37501	37502	37503	37530	37531	37532
37533	37541	37542	37543	37600	37601	37602	37603	37604	37610	37611	37612
37613	37730	37731	37732	37733	37734	37739	37900	37901	37902	37903	37904
37905	37906	37907	37909								

91   Other eye disorders

V411	V425	V430	V456	V4561	V4569	V522	V531	V720	36020	36021	36023
36024	36029	36030	36031	36032	36033	36034	36040	36041	36042	36043	36044
36050	36051	36052	36053	36054	36055	36059	36060	36061	36062	36063	36064
36065	36069	36081	36089	3609	36330	36331	36332	36333	36334	36335	36340
36341	36342	36343	36350	36351	36352	36353	36354	36355	36356	36357	36361
36362	36363	36370	36371	36372	3638	3639	36441	36442	36451	36452	36453
36454	36455	36456	36457	36459	36460	36461	36462	36463	36464	36470	36471
36472	36473	36474	36475	36476	36477	3648	3649	37000	37001	37002	37003
37004	37005	37006	37007	37060	37061	37062	37063	37064	37100	37101	37102
37103	37104	37105	37110	37111	37112	37113	37114	37115	37116	37120	37121
37122	37123	37124	37130	37131	37132	37133	37140	37141	37142	37143	37144
37145	37146	37148	37149	37150	37151	37152	37153	37154	37155	37156	37157
37158	37160	37161	37162	37170	37171	37172	37173	37181	37182	37189	3719
37240	37241	37242	37243	37244	37245	37250	37251	37252	37253	37254	37255
37256	37261	37262	37263	37264	37271	37272	37273	37274	37275	3728	3729
3732	37400	37401	37402	37403	37404	37405	37410	37411	37412	37413	37414
37420	37421	37422	37423	37430	37431	37432	37433	37434	37441	37443	37444
37445	37446	37450	37451	37452	37453	37454	37455	37456	37481	37482	37483
37484	37485	37486	37487	37489	3749	37511	37512	37513	37514	37515	37516
37520	37521	37522	37551	37552	37553	37554	37555	37556	37557	37561	37569
37581	37589	3759	37621	37622	37630	37631	37632	37633	37634	37635	37636
37640	37641	37642	37643	37644	37645	37646	37647	37650	37651	37652	3766
37681	37682	37689	3769	37700	37701	37702	37703	37704	37710	37711	37712
37713	37714	37715	37716	37721	37722	37723	37724	37741	37742	37749	37751
37752	37753	37754	37761	37762	37763	37771	37772	37773	37775	3779	37800
37801	37802	37803	37804	37805	37806	37807	37808	37810	37811	37812	37813

Diagnosis category
ICD-9-CM codes

37814	37815	37816	37817	37818	37820	37821	37822	37823	37824	37830	37831
37832	37833	37834	37835	37840	37841	37842	37843	37844	37845	37850	37851
37852	37853	37854	37855	37856	37860	37861	37862	37863	37871	37872	37873
37881	37882	37883	37884	37885	37886	37887	3789	37911	37912	37913	37914
37915	37916	37919	37921	37922	37923	37924	37925	37926	37929	37931	37932
37933	37934	37939	37940	37941	37942	37943	37945	37946	37949	37950	37951
37952	37953	37954	37955	37956	37957	37958	37959	3798	37990	37991	37992
37993	37999										

92   Otitis media and related conditions

0552	38100	38101	38102	38103	38104	38105	38106	38110	38119	38120	38129
3813	3814	38150	38151	38152	38160	38161	38162	38163	3817	38181	38189
3819	38200	38201	38202	3821	3822	3823	3824	3829	38300	38301	38302
3831	38320	38321	38322	38330	38331	38332	38333	38381	38389	3839	38420
38421	38422	38423	38424	38425	38481	38482	3849	38500	38501	38502	38503
38509	38510	38511	38512	38513	38519	38521	38522	38523	38524	3870	3871
3872	3878	3879									

93   Conditions associated with dizziness or vertigo

38600	38601	38602	38603	38604	38610	38611	38612	38619	3862	38630	38631
38632	38633	38634	38635	38640	38641	38642	38643	38648	38650	38651	38652
38653	38654	38655	38656	38658	3868	3869	7804				

94   Other ear and sense organ disorders

V412	V413	V532	V721	38000	38001	38002	38010	38011	38012	38013	38014
38015	38016	38021	38022	38023	38030	38031	38032	38039	3804	38050	38051
38052	38053	38081	38089	3809	38400	38401	38409	3841	38530	38531	38532
38533	38535	38582	38583	38589	3859	38800	38801	38802	38810	38811	38812
3882	38830	38831	38832	38840	38841	38842	38843	38844	3885	38860	38861
38869	38870	38871	38872	3888	3889	38900	38901	38902	38903	38904	38908
38910	38911	38912	38914	38918	3892	3897	3898	3899			

95   Other nervous system disorders

V124	V1240	V1241	V1249	V415	V452	V484	V485	V493	V530	V5301	V5302
V5309	325	3321	33720	33721	33722	33729	3410	3411	3418	3419	34461
347	3480	3482	3483	3484	3485	3488	3489	3492	34981	34982	34989
3499	3501	3502	3508	3509	3510	3511	3518	3519	3520	3521	3522
3523	3524	3525	3526	3529	3530	3531	3532	3533	3534	3535	3536
3538	3539	3540	3541	3542	3543	3544	3545	3548	3549	3550	3551
3552	3553	3554	3555	3556	3557	35571	35579	3558	3559	3560	3561
3562	3563	3564	3568	3569	3570	3571	3572	3573	3574	3575	3576
3577	3578	3579	3580	3581	3582	3588	3589	3590	3591	3592	3593

Diagnosis category
ICD-9-CM codes

3594	3595	3596	3598	3599	7810	7811	7812	7813	7817	7818	7820
7843	7845	78460	78461	78469	7920	7930	79400	79401	79402	79409	79410
79411	79412	79413	79414	79415	79416	79417	79419	7961			

96   Heart valve disorders

V422	V433	3940	3941	3942	3949	3950	3951	3952	3959	3960	3961
3962	3963	3968	3969	3970	3971	3979	4240	4241	4242	4243	42490
42491	42499	7852	7853								

97   Peri-, endo-, and myocarditis, cardiomyopathy (except that caused by tuberculosis or sexually transmitted
       disease)

03282	03640	03641	03642	03643	07420	07421	07422	07423	11281	11503	11504
11513	11514	11593	11594	1303	3910	3911	3912	3918	3919	3920	393
3980	39890	39899	4200	42090	42091	42099	4210	4211	4219	4220	42290
42291	42292	42293	42299	4230	4231	4232	4238	4239	4250	4251	4252
4253	4254	4255	4257	4258	4259	4290					

98   Essential hypertension

4011	4019

99   Hypertension with complications and secondary hypertension

4010	40200	40201	40210	40211	40290	40291	4030	40300	40301	4031	40310
40311	4039	40390	40391	4040	40400	40401	40402	40403	4041	40410	40411
40412	40413	4049	40490	40491	40492	40493	40501	40509	40511	40519	40591
40599	4372										

100   Acute myocardial infarction

4100	41000	41001	41002	4101	41010	41011	41012	4102	41020	41021	41022
4103	41030	41031	41032	4104	41040	41041	41042	4105	41050	41051	41052
4106	41060	41061	41062	4107	41070	41071	41072	4108	41080	41081	41082
4109	41090	41091	41092								

101   Coronary atherosclerosis and other heart disease

V4581	V4582	4110	4111	4118	41181	41189	412	4130	4131	4139	4140
41400	41401	4148	4149								

102   Nonspecific chest pain

78650	78651	78659

103   Pulmonary heart disease

4150	4151	41519	4160	4161	4168	4169	4170	4171	4178	4179

Diagnosis category
ICD-9-CM codes

104   Other and ill-defined heart disease

41410   41411   41419   4291   4292   4293   4295   4296   42971   42979   42981   42982
42989   4299

105   Conduction disorders

V450   V4500   V4501   V4502   V4509   V533   V5331   V5332   V5339   4260   42610   42611
42612   42613   4262   4263   4264   42650   42651   42652   42653   42654   4266   4267
42681   42689   4269

106   Cardiac dysrhythmias

4270   4271   4272   42731   42732   42760   42761   42769   42781   42789   4279   7850
7851

107   Cardiac arrest and ventricular fibrillation

42741   42742   4275

108   Congestive heart failure, nonhypertensive

39891   4280   4281   4289

109   Acute cerebrovascular disease

430   431   4320   4321   4329   43301   43311   43321   43331   43381   43391   4340
43400   43401   4341   43410   43411   4349   43490   43491   436

110   Occlusion or stenosis of precerebral arteries

4330   43300   4331   43310   4332   43320   4333   43330   4338   43380   4339   43390

111   Other and ill-defined cerebrovascular disease

4370   4371   4373   4374   4375   4376   4377   4378   4379

112   Transient cerebral ischemia

4350   4351   4352   4353   4358   4359

113   Late effects of cerebrovascular disease

438   4380   43810   43811   43812   43819   43820   43821   43822   43830   43831   43832
43840   43841   43842   43850   43851   43852   43853   43881   43882   43889   4389

Diagnosis category
ICD-9-CM codes

114   Peripheral and visceral atherosclerosis

| 4400 | 4401 | 4402 | 44020 | 44021 | 44022 | 44023 | 44029 | 4408 | 4409 | 4439 | 5570 |
| 5571 | 5579 | | | | | | | | | | |

115   Aortic, peripheral, and visceral artery aneurysms

| 4410 | 44100 | 44101 | 44102 | 44103 | 4411 | 4412 | 4413 | 4414 | 4415 | 4416 | 4417 |
| 4419 | 4420 | 4421 | 4422 | 4423 | 44281 | 44282 | 44283 | 44284 | 44289 | 4429 | |

116   Aortic and peripheral arterial embolism or thrombosis

| 4440 | 4441 | 44421 | 44422 | 44481 | 44489 | 4449 |

117   Other circulatory disease

V125	V1250	V1259	V151	V421	V432	V434	V717	4430	4431	44381	44389
4460	4461	4462	44620	44621	44629	4463	4464	4465	4466	4467	4470
4471	4472	4473	4474	4475	4476	4478	4479	4480	4481	4489	4580
4581	4588	4589	4590	45989	4599	7859	79430	79431	79439	7962	

118   Phlebitis, thrombophlebitis and thromboembolism

| V1251 | V1252 | 4510 | 45111 | 45119 | 4512 | 45181 | 45182 | 45183 | 45184 | 45189 | 4519 |
| 452 | 4530 | 4531 | 4532 | 4533 | 4538 | 4539 | | | | | |

119   Varicose veins of lower extremity

| 4540 | 4541 | 4542 | 4549 |

120   Hemorrhoids

| 4550 | 4551 | 4552 | 4553 | 4554 | 4555 | 4556 | 4557 | 4558 | 4559 |

121   Other diseases of veins and lymphatics

| 4563 | 4564 | 4565 | 4566 | 4568 | 4570 | 4571 | 4572 | 4578 | 4579 | 4591 | 4592 |
| 45981 | | | | | | | | | | | |

122   Pneumonia (except that caused by tuberculosis or sexually transmitted disease)

00322	0203	0204	0205	0212	0221	0310	0391	0521	0551	0730	0830
1124	1140	1144	1145	11505	11515	11595	1304	1363	4800	4801	4802
4808	4809	481	4820	4821	4822	4823	48230	48231	48232	48239	4824

Diagnosis category
ICD-9-CM codes

48240	48241	48249	4828	48281	48282	48283	48284	48289	4829	483	4830
4831	4838	4841	4843	4845	4846	4847	4848	485	486	5130	5171

123 Influenza

4870 4871 4878

124 Acute and chronic tonsillitis

463	4740	47400	47401	47402	47410	47411	47412	4742	4748	4749	475

125 Acute bronchitis

4660 4661 46611 46619

126 Other upper respiratory infections

0320	0321	0322	0323	0340	460	4610	4611	4612	4613	4618	4619
462	4640	46410	46411	46420	46421	46430	46431	4644	4650	4658	4659
4730	4731	4732	4733	4738	4739						

127 Chronic obstructive pulmonary disease and bronchiectasis

490	4910	4911	4912	49120	49121	4918	4919	4920	4928	494	496

128 Asthma

49300 49301 49310 49311 49320 49321 49390 49391

129 Aspiration pneumonitis, food/vomitus

5070

130 Pleurisy, pneumothorax, pulmonary collapse

5100 5109 5110 5111 5118 5119 5120 5128 5180 5181 5182

131 Respiratory failure, insufficiency, arrest (adult)

V461 5185 51881 51882 51883 51884 7991

132 Lung disease due to external agents

4950	4951	4952	4953	4954	4955	4956	4957	4958	4959	500	501
502	503	504	505	5060	5061	5062	5063	5064	5069	5071	5078
5080	5081	5088	5089								

133 Other lower respiratory disease

Diagnosis category
ICD-9-CM codes

V126	V426	5131	514	515	5160	5161	5162	5163	5168	5169	5172
5178	5183	5184	51889	5194	5198	5199	7825	78600	78601	78602	78603
78604	78605	78606	78607	78609	7862	7863	7864	78652	7866	7867	7868
7869	7931	7942									

134   Other upper respiratory disease

V414	V440	V550	470	4710	4711	4718	4719	4720	4721	4722	4760
4761	4770	4778	4779	4780	4781	47820	47821	47822	47824	47825	47826
47829	47830	47831	47832	47833	47834	4784	4785	4786	47870	47871	47874
47875	47879	4788	4789	5191	5192	5193	7841	78440	78441	78449	7847
7848	7849	7861									

135   Intestinal infection

0010	0011	0019	0020	0021	0022	0023	0029	0030	00320	00329	0038
0039	0040	0041	0042	0043	0048	0049	0050	0051	0052	0053	0054
0058	00581	00589	0059	0060	0061	0062	0063	0064	0065	0066	0068
0069	0070	0071	0072	0073	0074	0078	0079	0080	00800	00801	00802
00803	00804	00809	0081	0082	0083	00841	00842	00843	00844	00845	00846
00847	00849	0085	0086	00861	00862	00863	00864	00865	00866	00867	00869
0088	0090	0091	0092	0093	0211	0222					

136   Disorders of teeth and jaw

V523	V534	V585	V722	5200	5201	5202	5203	5204	5205	5206	5207
5208	5209	5210	5211	5212	5213	5214	5215	5216	5217	5218	5219
5220	5221	5222	5223	5224	5225	5226	5227	5228	5229	5230	5231
5232	5233	5234	5235	5236	5238	5239	5240	52400	52401	52402	52403
52404	52405	52406	52409	5241	52410	52411	52412	52419	5242	5243	5244
5245	5246	52460	52461	52462	52463	52469	52470	52471	52472	52473	52474
52479	5248	5249	5250	5251	5252	5253	5258	5259	5260	5261	5262
5263	5264	5265	52681	52689	5269						

137   Diseases of mouth, excluding dental

5270	5271	5272	5273	5274	5275	5276	5277	5278	5279	5280	5281
5282	5283	5284	5285	5286	5287	5288	5289	5290	5291	5292	5293
5294	5295	5296	5298	5299	7924						

138   Esophageal disorders

4561	45621	5300	5301	53010	53011	53019	5302	5303	5304	5305	5306
5308	53081	53083	53084	53089	5309						

Diagnosis category
ICD-9-CM codes

139   Gastroduodenal ulcer (except hemorrhage)

V1271	53110	53111	53130	53131	53150	53151	53170	53171	53190	53191	53210
53211	53230	53231	53250	53251	53270	53271	53290	53291	53310	53311	53330
53331	53350	53351	53370	53371	53390	53391	53410	53411	53430	53431	53450
53451	53470	53471	53490	53491

140   Gastritis and duodenitis

5350	53500	53501	5351	53510	53511	5352	53520	53521	5353	53530	53531
5354	53540	53541	5355	53550	53551	5356	53560	53561

141   Other disorders of stomach and duodenum

5360	5361	5362	5363	5368	5369	5370	5371	5372	5373	5374	5375
5376	53781	53782	53783	53789	5379

142   Appendicitis and other appendiceal conditions

5400	5401	5409	541	542	5430	5439

143   Abdominal hernia

55000	55001	55002	55003	55010	55011	55012	55013	55090	55091	55092	55093
55100	55101	55102	55103	5511	55120	55121	55129	5513	5518	5519	55200
55201	55202	55203	5521	55220	55221	55229	5523	5528	5529	55300	55301
55302	55303	5531	55320	55321	55329	5533	5538	5539

144   Regional enteritis and ulcerative colitis

5550	5551	5552	5559	556	5560	5561	5562	5563	5564	5565	5566
5568	5569

145   Intestinal obstruction without hernia

5600	5601	5602	56030	56031	56039	56081	56089	5609

146   Diverticulosis and diverticulitis

56200	56201	56202	56203	56210	56211	56212	56213

147   Anal and rectal conditions

5646	5650	5651	566	5690	5691	5692	56941	56942	56949

148   Peritonitis and intestinal abscess

03283	5670	5671	5672	5678	5679	5695

Diagnosis category
ICD-9-CM codes

149   Biliary tract disease

57400	57401	57410	57411	57420	57421	57430	57431	57440	57441	57450	57451
57460	57461	57470	57471	57480	57481	57490	57491	5750	5751	57510	57511
57512	5752	5753	5754	5755	5756	5758	5759	5760	5761	5762	5763
5764	5765	5768	5769	7933							

150   Liver disease, alcohol-related

5710	5711	5712	5713

151   Other liver diseases

V427	570	5715	5716	5718	5719	5720	5721	5722	5723	5724	5728
5730	5734	5738	5739	7824	7891	7895	7904	7905	7948		

152   Pancreatic disorders (not diabetes)

5770	5771	5772	5778	5779	5794

153   Gastrointestinal hemorrhage

4560	45620	5307	53082	53100	53101	53120	53121	53140	53141	53160	53161
53200	53201	53220	53221	53240	53241	53260	53261	53300	53301	53320	53321
53340	53341	53360	53361	53400	53401	53420	53421	53440	53441	53460	53461
5693	5780	5781	5789								

154   Noninfectious gastroenteritis

5589

155   Other gastrointestinal disorders

V127	V1270	V1279	V416	V441	V442	V443	V444	V453	V473	V535	V551
V552	V553	V554	5581	5582	5640	5641	5645	5647	5648	56481	56489
5649	5680	56881	56882	56889	5689	56981	56982	56983	56984	56985	56989
5699	5790	5791	5792	5798	5799	7871	7872	7873	7874	7875	7876
7877	7879	78791	78799	7892	7893	78930	78931	78932	78933	78934	78935
78936	78937	78939	7894	78940	78941	78942	78943	78944	78945	78946	78947
78949	7899	7921	7934	7936							

156   Nephritis, nephrosis, renal sclerosis

5800	5804	58081	58089	5809	5810	5811	5812	5813	58181	58189	5819
5820	5821	5822	5824	58281	58289	5829	5830	5831	5832	5834	5836
5837	58381	58389	5839	587							

Diagnosis category
ICD-9-CM codes

157   Acute and unspecified renal failure

| 5845 | 5846 | 5847 | 5848 | 5849 | 586 |

158   Chronic renal failure

| V420 | V451 | V560 | V561 | V562 | V568 | 585 |

159   Urinary tract infections

03284	59000	59001	59010	59011	5902	5903	59080	59081	5909	5950	5951
5952	5953	5954	59581	59582	59589	5959	5970	59780	59781	59789	59800
59801	5990

160   Calculus of urinary tract

| V1301 | 5920 | 5921 | 5929 | 5940 | 5941 | 5942 | 5948 | 5949 | 7880 |

161   Other diseases of kidney and ureters

| 5880 | 5881 | 5888 | 5889 | 5890 | 5891 | 5899 | 591 | 5930 | 5931 | 5932 | 5933 |
| 5934 | 5935 | 5936 | 5937 | 59370 | 59371 | 59372 | 59373 | 59381 | 59382 | 59389 | 5939 |

162   Other diseases of bladder and urethra

5960	5961	5962	5963	5964	5965	59651	59652	59653	59654	59655	59659
5966	5967	5968	5969	5981	5982	5988	5989	5991	5992	5993	5994
5995	59981	59982	59983	59984

163   Genitourinary symptoms and ill-defined conditions

V130	V1300	V1309	V417	V435	V445	V4450	V4451	V4452	V4459	V446	V474
V475	V536	V555	V556	5996	5997	5998	59989	5999	7881	7882	78820
78821	78829	7883	78830	78831	78832	78833	78834	78835	78836	78837	78839
7884	78841	78842	78843	7885	7886	78861	78862	78869	7887	7888	7889
7910	7911	7912	7913	7914	7917	7919	7935	7944

164   Hyperplasia of prostate

600

165   Inflammatory conditions of male genital organs

| 6010 | 6011 | 6012 | 6013 | 6014 | 6018 | 6019 | 6031 | 6040 | 60490 | 60491 | 60499 |
| 6071 | 6072 | 6080 | 6084 |

166   Other male genital disorders

Diagnosis category
ICD-9-CM codes

6020	6021	6022	6028	6029	6030	6038	6039	605	6060	6061	6068
6069	6070	6073	60781	60782	60783	60784	60789	6079	6081	6082	6083
60881	60883	60884	60885	60886	60889	6089	7922				

167   Nonmalignant breast conditions

6100	6101	6102	6103	6104	6108	6109	6110	6111	6112	6113	6114
6115	6116	61171	61172	61179	6118	6119				

168   Inflammatory diseases of female pelvic organs

6140	6141	6142	6143	6144	6145	6146	6147	6148	6149	6150	6151
6159	6160	61610	61611	6162	6163	6164	61650	61651	6168	6169	

169   Endometriosis

6170	6171	6172	6173	6174	6175	6176	6178	6179

170   Prolapse of female genital organs

6180	6181	6182	6183	6184	6185	6186	6187	6188	6189

171   Menstrual disorders

6253	6260	6261	6262	6263	6264	6265	6266	6268	6269

172   Ovarian cyst

6200	6201	6202

173   Menopausal disorders

V074	6270	6271	6272	6273	6274	6278	6279

174   Female infertility

6280	6281	6282	6283	6284	6288	6289

175   Other female genital disorders

V132	V557	V723	6190	6191	6192	6198	6199	6203	6204	6205	6206
6207	6208	6209	6210	6211	6212	6213	6214	6215	6216	6217	6218
6219	6220	6221	6222	6223	6224	6225	6226	6227	6228	6229	6230
6231	6232	6233	6234	6235	6236	6237	6238	6239	6240	6241	6242
6243	6244	6245	6246	6248	6249	6250	6251	6252	6254	6255	6256
6258	6259	6267	6290	6291	6298	6299					

Diagnosis category
ICD-9-CM codes

176	Contraceptive and procreative management										
	V157	V2501	V2502	V2509	V251	V252	V253	V2540	V2541	V2542	V2543	V2549
	V255	V258	V259	V260	V261	V262	V263	V264	V2651	V2652	V268	V269
	V455	V4551	V4552	V4559								

177   Spontaneous abortion

63400	63401	63402	63410	63411	63412	63420	63421	63422	63430	63431	63432
63440	63441	63442	63450	63451	63452	63460	63461	63462	63470	63471	63472
63480	63481	63482	63490	63491	63492						

178   Induced abortion

63500	63501	63502	63510	63511	63512	63520	63521	63522	63530	63531	63532
63540	63541	63542	63550	63551	63552	63560	63561	63562	63570	63571	63572
63580	63581	63582	63590	63591	63592	63600	63601	63602	63610	63611	63612
63620	63621	63622	63630	63631	63632	63640	63641	63642	63650	63651	63652
63660	63661	63662	63670	63671	63672	63680	63681	63682	63690	63691	63692
63700	63701	63702	63710	63711	63712	63720	63721	63722	63730	63731	63732
63740	63741	63742	63750	63751	63752	63760	63761	63762	63770	63771	63772
63780	63781	63782	63790	63791	63792	6380	6381	6382	6383	6384	6385
6386	6387	6388	6389								

179   Postabortion complications

6390	6391	6392	6393	6394	6395	6396	6398	6399

180   Ectopic pregnancy

6330	6331	6332	6338	6339

181   Other complications of pregnancy

630	631	632	64300	64301	64303	64310	64311	64313	64320	64321	64323
64380	64381	64383	64390	64391	64393	64600	64601	64603	64610	64611	64612
64613	64614	64620	64621	64622	64623	64624	64630	64631	64633	64640	64641
64642	64643	64644	64650	64651	64652	64653	64654	64660	64661	64662	64663
64664	64670	64671	64673	64680	64681	64682	64683	64684	64690	64691	64693
64700	64701	64702	64703	64704	64710	64711	64712	64713	64714	64720	64721
64722	64723	64724	64730	64731	64732	64733	64734	64740	64741	64742	64743
64744	64750	64751	64752	64753	64754	64760	64761	64762	64763	64764	64780
64781	64782	64783	64784	64790	64791	64792	64793	64794	64810	64811	64812
64813	64814	64820	64821	64822	64823	64824	64830	64831	64832	64833	64834
64840	64841	64842	64843	64844	64850	64851	64852	64853	64854	64860	64861
64862	64863	64864	64870	64871	64872	64873	64874	64890	64891	64892	64893
64894											

182   Hemorrhage during pregnancy, abruptio placenta, placenta previa

Diagnosis category
ICD-9-CM codes

64000	64001	64003	64080	64081	64083	64090	64091	64093	64100	64101	64103
64110	64111	64113	64120	64121	64123	64130	64131	64133	64180	64181	64183
64190	64191	64193								

183   Hypertension complicating pregnancy, childbirth and the puerperium

64200	64201	64202	64203	64204	64210	64211	64212	64213	64214	64220	64221
64222	64223	64224	64230	64231	64232	64233	64234	64240	64241	64242	64243
64244	64250	64251	64252	64253	64254	64260	64261	64262	64263	64264	64270
64271	64272	64273	64274	64290	64291	64292	64293	64294			

184   Early or threatened labor

64400	64403	64410	64413	64420	64421

185   Prolonged pregnancy

64500	64501	64503

186   Diabetes or abnormal glucose tolerance complicating pregnancy, childbirth, or the puerperium

64800	64801	64802	64803	64804	64880	64881	64882	64883	64884

187   Malposition, malpresentation

65200	65201	65203	65210	65211	65213	65220	65221	65223	65230	65231	65233
65240	65241	65243	65250	65251	65253	65260	65261	65263	65270	65271	65273
65280	65281	65283	65290	65291	65293	66000	66001	66003			

188   Fetopelvic disproportion, obstruction

65300	65301	65303	65310	65311	65313	65320	65321	65323	65330	65331	65333
65340	65341	65343	65350	65351	65353	65360	65361	65363	65370	65371	65373
65380	65381	65383	65390	65391	65393	66010	66011	66013	66020	66021	66023
66030	66031	66033	66040	66041	66043	66050	66051	66053	66060	66061	66063
66070	66071	66073	66080	66081	66083	66090	66091	66093			

189   Previous C-section

65420	65421	65423

190   Fetal distress and abnormal forces of labor

65630	65631	65633	66100	66101	66103	66110	66111	66113	66120	66121	66123
66130	66131	66133	66140	66141	66143	66190	66191	66193	66200	66201	66203
66210	66211	66213	66220	66221	66223	66230	66231	66233			

191   Polyhydramnios and other problems of amniotic cavity

Diagnosis category
ICD-9-CM codes

65700	65701	65703	65800	65801	65803	65810	65811	65813	65820	65821	65823
65830	65831	65833	65840	65841	65843	65880	65881	65883	65890	65891	65893
7923											

192   Umbilical cord complication

66300	66301	66303	66310	66311	66313	66320	66321	66323	66330	66331	66333
66340	66341	66343	66350	66351	66353	66360	66361	66363	66380	66381	66383
66390	66391	66393									

193   Trauma to perineum and vulva

66400	66401	66404	66410	66411	66414	66420	66421	66424	66430	66431	66434
66440	66441	66444	66450	66451	66454	66480	66481	66484	66490	66491	66494

194   Forceps delivery

66950   66951

195   Other complications of birth, puerperium affecting management of mother

V230	V231	V232	V233	V234	V235	V237	V238	V2381	V2382	V2383	V2384
V2389	V239	65103	65113	65123	65130	65131	65133	65140	65141	65143	65150
65151	65153	65160	65161	65163	65183	65193	65400	65401	65402	65403	65404
65410	65411	65412	65413	65414	65430	65431	65432	65433	65434	65440	65441
65442	65443	65444	65450	65451	65452	65453	65454	65460	65461	65462	65463
65464	65470	65471	65472	65473	65474	65480	65481	65482	65483	65484	65490
65491	65492	65493	65494	65500	65501	65503	65510	65511	65513	65520	65521
65523	65530	65531	65533	65540	65541	65543	65550	65551	65553	65560	65561
65563	65570	65571	65573	65580	65581	65583	65590	65591	65593	65600	65601
65603	65610	65611	65613	65620	65621	65623	65640	65641	65643	65650	65651
65653	65660	65661	65663	65670	65671	65673	65680	65681	65683	65690	65691
65693	65900	65901	65903	65910	65911	65913	65920	65921	65923	65930	65931
65933	65940	65941	65943	65950	65951	65953	65960	65961	65963	65970	65971
65973	65980	65981	65983	65990	65991	65993	66500	66501	66503	66510	66511
66512	66514	66520	66522	66524	66530	66531	66534	66540	66541	66544	66550
66551	66554	66560	66561	66564	66570	66571	66572	66574	66580	66581	66582
66583	66584	66590	66591	66592	66593	66594	66600	66602	66604	66610	66612
66614	66620	66622	66624	66630	66632	66634	66700	66702	66704	66710	66712
66714	66800	66801	66802	66803	66804	66810	66811	66812	66813	66814	66820
66821	66822	66823	66824	66880	66881	66882	66883	66884	66890	66891	66892
66893	66894	66900	66901	66902	66903	66904	66910	66911	66912	66913	66914
66920	66921	66922	66923	66924	66930	66932	66934	66940	66941	66942	66943
66944	66960	66961	66970	66971	66980	66981	66982	66983	66984	66990	66991
66992	66993	66994	67000	67002	67004	67100	67101	67102	67103	67104	67110
67111	67112	67113	67114	67120	67121	67122	67123	67124	67130	67131	67133
67140	67142	67144	67150	67151	67152	67153	67154	67180	67181	67182	67183
67184	67190	67191	67192	67193	67194	67200	67202	67204	67300	67301	67302

Diagnosis category
ICD-9-CM codes

67303	67304	67310	67311	67312	67313	67314	67320	67321	67322	67323	67324
67330	67331	67332	67333	67334	67380	67381	67382	67383	67384	67400	67401
67402	67403	67404	67410	67412	67414	67420	67422	67424	67430	67432	67434
67440	67442	67444	67480	67482	67484	67490	67492	67494	67500	67501	67502
67503	67504	67510	67511	67512	67513	67514	67520	67521	67522	67523	67524
67580	67581	67582	67583	67584	67590	67591	67592	67593	67594	67600	67601
67602	67603	67604	67610	67611	67612	67613	67614	67620	67621	67622	67623
67624	67630	67631	67632	67633	67634	67640	67641	67642	67643	67644	67650
67651	67652	67653	67654	67660	67661	67662	67663	67664	67680	67681	67682
67683	67684	67690	67691	67692	67693	67694	677				

196   Normal pregnancy and/or delivery

V220	V221	V222	V240	V241	V242	V270	V271	V272	V273	V274	V275
V276	V277	V279	V724	650	65100	65101	65110	65111	65120	65121	65180
65181	65190	65191									

197   Skin and subcutaneous tissue infections

0201	0210	0220	0311	03285	035	0390	6800	6801	6802	6803	6804
6805	6806	6807	6808	6809	68100	68101	68102	68110	68111	6819	6820
6821	6822	6823	6824	6825	6826	6827	6828	6829	684	6850	6851
6860	68600	68601	68609	6861	6868	6869					

198   Other inflammatory condition of skin

690	69010	69011	69012	69018	6908	6940	6941	6942	6943	6944	6945
69460	69461	6948	6949	6950	6951	6952	6953	6954	69581	69589	6959
6960	6961	6962	6963	6964	6965	6968	6970	6971	6978	6979	6980
6981	6982	6983	6984	6988	6989						

199   Chronic ulcer of skin

7070	7071	7078	7079

200   Other skin disorders

V133	V423	700	7010	7011	7012	7013	7014	7015	7018	7019	702
7020	7021	70211	70219	7028	7030	7038	7039	70400	70401	70402	70409
7041	7042	7043	7048	7049	7050	7051	70581	70582	70583	70589	7059
7060	7061	7062	7063	7068	7069	7090	70900	70901	70909	7091	7092
7093	7094	7098	7099	7808	7821	7822					

201   Infective arthritis and osteomyelitis (except that caused by tuberculosis or sexually transmitted disease)

00323	00324	0261	03682	05671	71100	71101	71102	71103	71104	71105	71106
71107	71108	71109	71110	71111	71112	71113	71114	71115	71116	71117	71118
71119	71120	71121	71122	71123	71124	71125	71126	71127	71128	71129	71130
71131	71132	71133	71134	71135	71136	71137	71138	71139	71140	71141	71142

Diagnosis category
ICD-9-CM codes

71143	71144	71145	71146	71147	71148	71149	71150	71151	71152	71153	71154
71155	71156	71157	71158	71159	71160	71161	71162	71163	71164	71165	71166
71167	71168	71169	71170	71171	71172	71173	71174	71175	71176	71177	71178
71179	71180	71181	71182	71183	71184	71185	71186	71187	71188	71189	71190
71191	71192	71193	71194	71195	71196	71197	71198	71199	73000	73001	73002
73003	73004	73005	73006	73007	73008	73009	73010	73011	73012	73013	73014
73015	73016	73017	73018	73019	73020	73021	73022	73023	73024	73025	73026
73027	73028	73029	73030	73031	73032	73033	73034	73035	73036	73037	73038
73039	73070	73071	73072	73073	73074	73075	73076	73077	73078	73079	73080
73081	73082	73083	73084	73085	73086	73087	73088	73089	73090	73091	73092
73093	73094	73095	73096	73097	73098	73099					

202   Rheumatoid arthritis and related disease

7140	7141	7142	71430	71431	71432	71433	7144	71481	71489	7149	7200

203   Osteoarthritis

V134	71500	71504	71509	71510	71511	71512	71513	71514	71515	71516	71517
71518	71520	71521	71522	71523	71524	71525	71526	71527	71528	71530	71531
71532	71533	71534	71535	71536	71537	71538	71580	71589	71590	71591	71592
71593	71594	71595	71596	71597	71598						

204   Other non-traumatic joint disorders

7130	7131	7132	7133	7134	7135	7136	7137	7138	71600	71601	71602
71603	71604	71605	71606	71607	71608	71609	71620	71621	71622	71623	71624
71625	71626	71627	71628	71629	71630	71631	71632	71633	71634	71635	71636
71637	71638	71639	71640	71641	71642	71643	71644	71645	71646	71647	71648
71649	71650	71651	71652	71653	71654	71655	71656	71657	71658	71659	71660
71661	71662	71663	71664	71665	71666	71667	71668	71680	71681	71682	71683
71684	71685	71686	71687	71688	71689	71690	71691	71692	71693	71694	71695
71696	71697	71698	71699	71810	71811	71812	71813	71814	71815	71817	71818
71819	71820	71821	71822	71823	71824	71825	71826	71827	71828	71829	71850
71851	71852	71853	71854	71855	71856	71857	71858	71859	71860	71865	71880
71881	71882	71883	71884	71885	71886	71887	71888	71889	71890	71891	71892
71893	71894	71895	71897	71898	71899	71900	71901	71902	71903	71904	71905
71906	71907	71908	71909	71910	71911	71912	71913	71914	71915	71916	71917
71918	71919	71920	71921	71922	71923	71924	71925	71926	71927	71928	71929
71930	71931	71932	71933	71934	71935	71936	71937	71938	71939	71940	71941
71942	71943	71944	71945	71946	71947	71948	71949	71950	71951	71952	71953
71954	71955	71956	71957	71958	71959	71960	71961	71962	71963	71964	71965
71966	71967	71968	71969	71970	71975	71976	71977	71978	71979	71980	71981
71982	71983	71984	71985	71986	71987	71988	71989	71990	71991	71992	71993
71994	71995	71996	71997	71998	71999						

Diagnosis category
ICD-9-CM codes

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205   Spondylosis, intervertebral disc disorders, other back problems

7201	7202	72081	72089	7209	7210	7211	7212	7213	72141	72142	7215
7216	7217	7218	72190	72191	7220	72210	72211	7222	72230	72231	72232
72239	7224	72251	72252	7226	72270	72271	72272	72273	72280	72281	72282
72283	72290	72291	72292	72293	7230	7231	7232	7233	7234	7235	7236
7237	7238	7239	72400	72401	72402	72409	7241	7242	7243	7244	7245
7246	72470	72471	72479	7248	7249						

206   Osteoporosis

73300   73301   73302   73303   73309

207   Pathological fracture

7331   73310   73311   73312   73313   73314   73315   73316   73319

208   Acquired foot deformities

| 7271 | 734 | 7350 | 7351 | 7352 | 7353 | 7354 | 7355 | 7358 | 7359 | 73670 | 73671 |
| 73672 | 73673 | 73674 | 73675 | 73676 | 73679 | | | | | | |

209   Other acquired deformities

71840	71841	71842	71843	71844	71845	71846	71847	71848	71849	73600	73601
73602	73603	73604	73605	73606	73607	73609	7361	73620	73621	73622	73629
73630	73631	73632	73639	73641	73642	7365	7366	73681	73689	7369	7370
73710	73711	73712	73719	73720	73721	73722	73729	73733	73734	73739	73740
73741	73742	73743	7378	7379	7380	7381	73810	73811	73812	73819	7382
7383	7384	7385	7386	7387	7388	7389					

210   Systemic lupus erythematosus and connective tissue disorders

7100   7101   7102   7103   7104   7108   7109

211   Other connective tissue disease

V135	V436	V4360	V4361	V4362	V4363	V4364	V4365	V4366	V4369	V437	V454
V481	V482	V483	V490	V491	V492	V495	V4960	V4961	V4962	V4963	V4964
V4965	V4966	V4967	V4970	V4971	V4972	V4973	V4974	V4975	V4976	V4977	V537
7105	725	7260	72610	72611	72612	72619	7262	72630	72631	72632	72633
72639	7264	7265	72660	72661	72662	72663	72664	72665	72669	72670	72671
72672	72673	72679	7268	72690	72691	72700	72701	72702	72703	72704	72705
72706	72709	7272	7273	72740	72741	72742	72743	72749	72750	72751	72759
72760	72761	72762	72763	72764	72765	72766	72767	72768	72769	72781	72782
72789	7279	7280	72810	72811	72812	72813	72819	7282	7283	7284	7285
7286	72871	72879	72881	72882	72883	72884	72885	72886	72889	7289	7290
7291	7292	72930	72931	72939	7294	7295	7296	72981	72982	72989	7299
7819	7937										

Diagnosis category
ICD-9-CM codes

212   Other bone disease and musculoskeletal deformities

V424	V486	V487	V494	7310	7311	7312	7318	7320	7321	7322	7323
7324	7325	7326	7327	7328	7329	73320	73321	73322	73329	7333	73340
73341	73342	73343	73344	73349	7335	7336	7337	73381	73382	73390	73391
73392	73399	73730	73731	73732	7390	7391	7392	7393	7394	7395	7396
7397	7398	7399									

213   Cardiac and circulatory congenital anomalies

7450	74510	74511	74512	74519	7452	7453	7454	7455	74560	74561	74569
7457	7458	7459	74600	74601	74602	74609	7461	7462	7463	7464	7465
7466	7467	74681	74682	74683	74684	74685	74686	74687	74689	7469	7470
74710	74711	74720	74721	74722	74729	7473	74740	74741	74742	74749	7475
7476	74760	74761	74762	74763	74764	74769	74781	74782	74789	7479	

214   Digestive congenital anomalies

7500	75010	75011	75012	75013	75015	75016	75019	75021	75022	75023	75024
75025	75026	75027	75029	7503	7504	7505	7506	7507	7508	7509	7510
7511	7512	7513	7514	7515	75160	75161	75162	75169	7517	7518	7519

215   Genitourinary congenital anomalies

V1361	7520	75210	75211	75219	7522	7523	75240	75241	75242	75249	7525
75251	75252	7526	75261	75262	75263	75264	75265	75269	7527	7528	7529
7530	7531	75310	75311	75312	75313	75314	75315	75316	75317	75319	7532
75320	75321	75322	75323	75329	7533	7534	7535	7536	7537	7538	7539

216   Nervous system congenital anomalies

7400	7401	7402	74100	74101	74102	74103	74190	74191	74192	74193	7420
7421	7422	7423	7424	74251	74253	74259	7428	7429			

217   Other congenital anomalies

V136	V1369	74300	74303	74306	74310	74311	74312	74320	74321	74322	74330
74331	74332	74333	74334	74335	74336	74337	74339	74341	74342	74343	74344
74345	74346	74347	74348	74349	74351	74352	74353	74354	74355	74356	74357
74358	74359	74361	74362	74363	74364	74365	74366	74369	7438	7439	74400
74401	74402	74403	74404	74405	74409	7441	74421	74422	74423	74424	74429
7443	74441	74442	74443	74446	74447	74449	7445	74481	74482	74483	74484
74489	7449	7480	7481	7482	7483	7484	7485	74860	74861	74869	7488
7489	74900	74901	74902	74903	74904	74910	74911	74912	74913	74914	74920
74921	74922	74923	74924	74925	7540	7541	7542	75430	75431	75432	75433
75435	75440	75441	75442	75443	75444	75450	75451	75452	75453	75459	75460

Diagnosis category
ICD-9-CM codes

75461	75462	75469	75470	75471	75479	75481	75482	75489	75500	75501	75502
75510	75511	75512	75513	75514	75520	75521	75522	75523	75524	75525	75526
75527	75528	75529	75530	75531	75532	75533	75534	75535	75536	75537	75538
75539	7554	75550	75551	75552	75553	75554	75555	75556	75557	75558	75559
75560	75561	75562	75563	75564	75565	75566	75567	75569	7558	7559	7560
75610	75611	75612	75613	75614	75615	75616	75617	75619	7562	7563	7564
75650	75651	75652	75653	75654	75655	75656	75659	7566	7567	75670	75671
75679	75681	75682	75683	75689	7569	7570	7571	7572	75731	75732	75733
75739	7574	7575	7576	7578	7579	7580	7581	7582	7583	7584	7585
7586	7587	7588	75881	75889	7589	7590	7591	7592	7593	7594	7595
7596	7597	7598	75981	75982	75983	75989	7599	7952			

218   Liveborn

V300	V3000	V3001	V301	V302	V310	V3100	V3101	V311	V312	V320	V3200
V3201	V321	V322	V330	V3300	V3301	V331	V332	V340	V3400	V3401	V341
V342	V350	V3500	V3501	V351	V352	V360	V3600	V3601	V361	V362	V370
V3700	V3701	V371	V372	V390	V3900	V3901	V391	V392			

219   Short gestation, low birth weight, and fetal growth retardation

7640	76400	76401	76402	76403	76404	76405	76406	76407	76408	76409	7641
76410	76411	76412	76413	76414	76415	76416	76417	76418	76419	7642	76420
76421	76422	76423	76424	76425	76426	76427	76428	76429	7649	76490	76491
76492	76493	76494	76495	76496	76497	76498	76499	7650	76500	76501	76502
76503	76504	76505	76506	76507	76508	76509	7651	76510	76511	76512	76513
76514	76515	76516	76517	76518	76519						

220   Intrauterine hypoxia and birth asphyxia

7680	7681	7682	7683	7684	7685	7686	7689

221   Respiratory distress syndrome

769

222   Hemolytic jaundice and perinatal jaundice

7730	7731	7732	7733	7734	7735	7740	7741	7742	77430	77431	77439
7744	7745	7746	7747								

223   Birth trauma

7670	7671	7672	7673	7674	7675	7676	7677	7678	7679

Diagnosis category
ICD-9-CM codes

224   Other perinatal conditions

V137	V502	7600	7601	7602	7603	7604	7605	7606	76070	76071	76072
76073	76074	76075	76076	76079	7608	7609	7610	7611	7612	7613	7614
7615	7616	7617	7618	7619	7620	7621	7622	7623	7624	7625	7626
7627	7628	7629	7630	7631	7632	7633	7634	7635	7636	7637	7638
76381	76382	76383	76389	7639	7660	7661	7662	7700	7701	7702	7703
7704	7705	7706	7707	7708	7709	7710	7711	7712	7713	7714	7715
7716	7717	7718	7720	7721	7722	7723	7724	7725	7726	7728	7729
7750	7751	7752	7753	7754	7755	7756	7757	7758	7759	7760	7761
7762	7763	7764	7765	7766	7767	7768	7769	7771	7772	7773	7774
7775	7776	7778	7779	7780	7781	7782	7783	7784	7785	7786	7787
7788	7789	7790	7791	7792	7793	7794	7795	7796	7798	7799	

225   Joint disorders and dislocations, trauma-related

71610	71611	71612	71613	71614	71615	71616	71617	71618	71619	7170	7171
7172	7173	71740	71741	71742	71743	71749	7175	7176	7177	71781	71782
71783	71784	71785	71789	7179	71800	71801	71802	71803	71804	71805	71807
71808	71809	71830	71831	71832	71833	71834	71835	71836	71837	71838	71839
8300	8301	83100	83101	83102	83103	83104	83109	83110	83111	83112	83113
83114	83119	83200	83201	83202	83203	83204	83209	83210	83211	83212	83213
83214	83219	83300	83301	83302	83303	83304	83305	83309	83310	83311	83312
83313	83314	83315	83319	83400	83401	83402	83410	83411	83412	83500	83501
83502	83503	83510	83511	83512	83513	8360	8361	8362	8363	8364	83650
83651	83652	83653	83654	83659	83660	83661	83662	83663	83664	83669	8370
8371	83800	83801	83802	83803	83804	83805	83806	83809	83810	83811	83812
83813	83814	83815	83816	83819	83900	83901	83902	83903	83904	83905	83906
83907	83908	83910	83911	83912	83913	83914	83915	83916	83917	83918	83920
83921	83930	83931	83940	83941	83942	83949	83950	83951	83952	83959	83961
83969	83971	83979	8398	8399	9056						

226   Fracture of neck of femur (hip)

82000	82001	82002	82003	82009	82010	82011	82012	82013	82019	82020	82021
82022	82030	82031	82032	8208	8209	9053					

227   Spinal cord injury

80600	80601	80602	80603	80604	80605	80606	80607	80608	80609	80610	80611
80612	80613	80614	80615	80616	80617	80618	80619	80620	80621	80622	80623
80624	80625	80626	80627	80628	80629	80630	80631	80632	80633	80634	80635
80636	80637	80638	80639	8064	8065	80660	80661	80662	80669	80670	80671
80672	80679	8068	8069	9072	95200	95201	95202	95203	95204	95205	95206
95207	95208	95209	95210	95211	95212	95213	95214	95215	95216	95217	95218
95219	9522	9523	9524	9528	9529	99655	99656	99668			

Diagnosis category
ICD-9-CM codes

228   Skull and face fractures

80000	80001	80002	80003	80004	80005	80006	80009	80050	80051	80052	80053
80054	80055	80056	80059	80100	80101	80102	80103	80104	80105	80106	80109
80150	80151	80152	80153	80154	80155	80156	80159	8020	8021	80220	80221
80222	80223	80224	80225	80226	80227	80228	80229	80230	80231	80232	80233
80234	80235	80236	80237	80238	80239	8024	8025	8026	8027	8028	8029
80300	80301	80302	80303	80304	80305	80306	80309	80350	80351	80352	80353
80354	80355	80356	80359	80400	80401	80402	80403	80404	80405	80406	80409
80450	80451	80452	80453	80454	80455	80456	80459	9050			

229   Fracture of upper limb

81000	81001	81002	81003	81010	81011	81012	81013	81100	81101	81102	81103
81109	81110	81111	81112	81113	81119	81200	81201	81202	81203	81209	81210
81211	81212	81213	81219	81220	81221	81230	81231	81240	81241	81242	81243
81244	81249	81250	81251	81252	81253	81254	81259	81300	81301	81302	81303
81304	81305	81306	81307	81308	81310	81311	81312	81313	81314	81315	81316
81317	81318	81320	81321	81322	81323	81330	81331	81332	81333	81340	81341
81342	81343	81344	81350	81351	81352	81353	81354	81380	81381	81382	81383
81390	81391	81392	81393	81400	81401	81402	81403	81404	81405	81406	81407
81408	81409	81410	81411	81412	81413	81414	81415	81416	81417	81418	81419
81500	81501	81502	81503	81504	81509	81510	81511	81512	81513	81514	81519
81600	81601	81602	81603	81610	81611	81612	81613	8170	8171	8180	8181
8190	8191	9052									

230   Fracture of lower limb

82100	82101	82110	82111	82120	82121	82122	82123	82129	82130	82131	82132
82133	82139	8220	8221	82300	82301	82302	82310	82311	82312	82320	82321
82322	82330	82331	82332	82380	82381	82382	82390	82391	82392	8240	8241
8242	8243	8244	8245	8246	8247	8248	8249	8250	8251	82520	82521
82522	82523	82524	82525	82529	82530	82531	82532	82533	82534	82535	82539
8260	8261	8270	8271	9054							

231   Other fractures

V540	V664	V674	80500	80501	80502	80503	80504	80505	80506	80507	80508
80510	80511	80512	80513	80514	80515	80516	80517	80518	8052	8053	8054
8055	8056	8057	8058	8059	80700	80701	80702	80703	80704	80705	80706
80707	80708	80709	80710	80711	80712	80713	80714	80715	80716	80717	80718
80719	8072	8073	8074	8075	8076	8080	8081	8082	8083	80841	80842
80843	80849	80851	80852	80853	80859	8088	8089	8090	8091	8280	8281
8290	8291	9051	9055								

232   Sprains and strains

Diagnosis category
ICD-9-CM codes

8400	8401	8402	8403	8404	8405	8406	8408	8409	8410	8411	8412
8413	8418	8419	84200	84201	84202	84209	84210	84211	84212	84213	84219
8430	8431	8438	8439	8440	8441	8442	8443	8448	8449	84500	84501
84502	84503	84509	84510	84511	84512	84513	84519	8460	8461	8462	8463
8468	8469	8470	8471	8472	8473	8474	8479	8480	8481	8482	8483
84840	84841	84842	84849	8485	8488	8489	9057				

233   Intracranial injury

80010	80011	80012	80013	80014	80015	80016	80019	80020	80021	80022	80023
80024	80025	80026	80029	80030	80031	80032	80033	80034	80035	80036	80039
80040	80041	80042	80043	80044	80045	80046	80049	80060	80061	80062	80063
80064	80065	80066	80069	80070	80071	80072	80073	80074	80075	80076	80079
80080	80081	80082	80083	80084	80085	80086	80089	80090	80091	80092	80093
80094	80095	80096	80099	80110	80111	80112	80113	80114	80115	80116	80119
80120	80121	80122	80123	80124	80125	80126	80129	80130	80131	80132	80133
80134	80135	80136	80139	80140	80141	80142	80143	80144	80145	80146	80149
80160	80161	80162	80163	80164	80165	80166	80169	80170	80171	80172	80173
80174	80175	80176	80179	80180	80181	80182	80183	80184	80185	80186	80189
80190	80191	80192	80193	80194	80195	80196	80199	80310	80311	80312	80313
80314	80315	80316	80319	80320	80321	80322	80323	80324	80325	80326	80329
80330	80331	80332	80333	80334	80335	80336	80339	80340	80341	80342	80343
80344	80345	80346	80349	80360	80361	80362	80363	80364	80365	80366	80369
80370	80371	80372	80373	80374	80375	80376	80379	80380	80381	80382	80383
80384	80385	80386	80389	80390	80391	80392	80393	80394	80395	80396	80399
80410	80411	80412	80413	80414	80415	80416	80419	80420	80421	80422	80423
80424	80425	80426	80429	80430	80431	80432	80433	80434	80435	80436	80439
80440	80441	80442	80443	80444	80445	80446	80449	80460	80461	80462	80463
80464	80465	80466	80469	80470	80471	80472	80473	80474	80475	80476	80479
80480	80481	80482	80483	80484	80485	80486	80489	80490	80491	80492	80493
80494	80495	80496	80499	8500	8501	8502	8503	8504	8505	8509	85100
85101	85102	85103	85104	85105	85106	85109	85110	85111	85112	85113	85114
85115	85116	85119	85120	85121	85122	85123	85124	85125	85126	85129	85130
85131	85132	85133	85134	85135	85136	85139	85140	85141	85142	85143	85144
85145	85146	85149	85150	85151	85152	85153	85154	85155	85156	85159	85160
85161	85162	85163	85164	85165	85166	85169	85170	85171	85172	85173	85174
85175	85176	85179	85180	85181	85182	85183	85184	85185	85186	85189	85190
85191	85192	85193	85194	85195	85196	85199	85200	85201	85202	85203	85204
85205	85206	85209	85210	85211	85212	85213	85214	85215	85216	85219	85220
85221	85222	85223	85224	85225	85226	85229	85230	85231	85232	85233	85234
85235	85236	85239	85240	85241	85242	85243	85244	85245	85246	85249	85250
85251	85252	85253	85254	85255	85256	85259	85300	85301	85302	85303	85304
85305	85306	85309	85310	85311	85312	85313	85314	85315	85316	85319	85400
85401	85402	85403	85404	85405	85406	85409	85410	85411	85412	85413	85414
85415	85416	85419	9070								

234   Crushing injury or internal injury

Diagnosis category
ICD-9-CM codes

8600	8601	8602	8603	8604	8605	86100	86101	86102	86103	86110	86111
86112	86113	86120	86121	86122	86130	86131	86132	8620	8621	86221	86222
86229	86231	86232	86239	8628	8629	8630	8631	86320	86321	86329	86330
86331	86339	86340	86341	86342	86343	86344	86345	86346	86349	86350	86351
86352	86353	86354	86355	86356	86359	86380	86381	86382	86383	86384	86385
86389	86390	86391	86392	86393	86394	86395	86399	86400	86401	86402	86403
86404	86405	86409	86410	86411	86412	86413	86414	86415	86419	86500	86501
86502	86503	86504	86509	86510	86511	86512	86513	86514	86519	86600	86601
86602	86603	86610	86611	86612	86613	8670	8671	8672	8673	8674	8675
8676	8677	8678	8679	86800	86801	86802	86803	86804	86809	86810	86811
86812	86813	86814	86819	8690	8691	90000	90001	90002	90003	9001	90081
90082	90089	9009	9010	9011	9012	9013	90140	90141	90142	90181	90182
90183	90189	9019	9020	90210	90211	90219	90220	90221	90222	90223	90224
90225	90226	90227	90229	90231	90232	90233	90234	90239	90240	90241	90242
90249	90250	90251	90252	90253	90254	90255	90256	90259	90281	90282	90287
90289	9029	90300	90301	90302	9031	9032	9033	9034	9035	9038	9039
9040	9041	9042	9043	90440	90441	90442	90450	90451	90452	90453	90454
9046	9047	9048	9049	9064	9080	9081	9082	9083	9084	925	9251
9252	9260	92611	92612	92619	9268	9269	92700	92701	92702	92703	92709
92710	92711	92720	92721	9273	9278	9279	92800	92801	92810	92811	92820
92821	9283	9288	9289	9290	9299						

235   Open wounds of head, neck, and trunk

8700	8701	8702	8703	8704	8708	8709	8710	8711	8712	8713	8714
8715	8716	8717	8719	87200	87201	87202	87210	87211	87212	87261	87262
87263	87264	87269	87271	87272	87273	87274	87279	8728	8729	8730	8731
87320	87321	87322	87323	87329	87330	87331	87332	87333	87339	87340	87341
87342	87343	87344	87349	87350	87351	87352	87353	87354	87359	87360	87361
87362	87363	87364	87365	87369	87370	87371	87372	87373	87374	87375	87379
8738	8739	87400	87401	87402	87410	87411	87412	8742	8743	8744	8745
8748	8749	8750	8751	8760	8761	8770	8771	8780	8781	8782	8783
8784	8785	8786	8787	8788	8789	8790	8791	8792	8793	8794	8795
8796	8797	8798	8799	9060							

236   Open wounds of extremities

88000	88001	88002	88003	88009	88010	88011	88012	88013	88019	88020	88021
88022	88023	88029	88100	88101	88102	88110	88111	88112	88120	88121	88122
8820	8821	8822	8830	8831	8832	8840	8841	8842	8850	8851	8860
8861	8870	8871	8872	8873	8874	8875	8876	8877	8900	8901	8902
8910	8911	8912	8920	8921	8922	8930	8931	8932	8940	8941	8942
8950	8951	8960	8961	8962	8963	8970	8971	8972	8973	8974	8975
8976	8977	9058	9059	9061							

237   Complication of device, implant or graft

Diagnosis category
ICD-9-CM codes

41402	41403	41404	41405	44030	44031	44032	56960	56961	56969	99600	99601
99602	99603	99604	99609	9961	9962	99630	99631	99632	99639	9964	99651
99652	99653	99654	99655	99656	99659	9966	99660	99661	99662	99663	99664
99665	99666	99667	99668	99669	9967	99670	99671	99672	99673	99674	99675
99676	99677	99678	99679	99680	99681	99682	99683	99684	99685	99686	99689
99690	99691	99692	99693	99694	99695	99696	99699				

238   Complications of surgical procedures or medical care

3490	3491	41511	4294	4582	5121	5190	51900	51901	51902	51909	53640
53641	53642	53649	56962	5642	5643	5644	5696	56962	5793	9093	9954
99586	9970	99700	99701	99702	99709	9971	9972	9973	9974	9975	99760
99761	99762	99769	9979	99791	99799	9980	9981	99811	99812	99813	9982
9983	9984	9985	99851	99859	9986	9987	9988	99881	99882	99883	99889
9989	9990	9991	9992	9993	9994	9995	9996	9997	9998	9999	

239   Superficial injury, contusion

9062	9063	9100	9101	9102	9103	9104	9105	9106	9107	9108	9109
9110	9111	9112	9113	9114	9115	9116	9117	9118	9119	9120	9121
9122	9123	9124	9125	9126	9127	9128	9129	9130	9131	9132	9133
9134	9135	9136	9137	9138	9139	9140	9141	9142	9143	9144	9145
9146	9147	9148	9149	9150	9151	9152	9153	9154	9155	9156	9157
9158	9159	9160	9161	9162	9163	9164	9165	9166	9167	9168	9169
9170	9171	9172	9173	9174	9175	9176	9177	9178	9179	9180	9181
9182	9189	9190	9191	9192	9193	9194	9195	9196	9197	9198	9199
920	9210	9211	9212	9213	9219	9220	9221	9222	9223	92231	92232
92233	9224	9228	9229	92300	92301	92302	92303	92309	92310	92311	92320
92321	9233	9238	9239	92400	92401	92410	92411	92420	92421	9243	9244
9245	9248	9249									

240   Burns

9065	9066	9067	9068	9069	9400	9401	9402	9403	9404	9405	9409
94100	94101	94102	94103	94104	94105	94106	94107	94108	94109	94110	94111
94112	94113	94114	94115	94116	94117	94118	94119	94120	94121	94122	94123
94124	94125	94126	94127	94128	94129	94130	94131	94132	94133	94134	94135
94136	94137	94138	94139	94140	94141	94142	94143	94144	94145	94146	94147
94148	94149	94150	94151	94152	94153	94154	94155	94156	94157	94158	94159
94200	94201	94202	94203	94204	94205	94209	94210	94211	94212	94213	94214
94215	94219	94220	94221	94222	94223	94224	94225	94229	94230	94231	94232
94233	94234	94235	94239	94240	94241	94242	94243	94244	94245	94249	94250
94251	94252	94253	94254	94255	94259	94300	94301	94302	94303	94304	94305
94306	94309	94310	94311	94312	94313	94314	94315	94316	94319	94320	94321
94322	94323	94324	94325	94326	94329	94330	94331	94332	94333	94334	94335
94336	94339	94340	94341	94342	94343	94344	94345	94346	94349	94350	94351

Diagnosis category
ICD-9-CM codes

94352	94353	94354	94355	94356	94359	94400	94401	94402	94403	94404	94405
94406	94407	94408	94410	94411	94412	94413	94414	94415	94416	94417	94418
94420	94421	94422	94423	94424	94425	94426	94427	94428	94430	94431	94432
94433	94434	94435	94436	94437	94438	94440	94441	94442	94443	94444	94445
94446	94447	94448	94450	94451	94452	94453	94454	94455	94456	94457	94458
94500	94501	94502	94503	94504	94505	94506	94509	94510	94511	94512	94513
94514	94515	94516	94519	94520	94521	94522	94523	94524	94525	94526	94529
94530	94531	94532	94533	94534	94535	94536	94539	94540	94541	94542	94543
94544	94545	94546	94549	94550	94551	94552	94553	94554	94555	94556	94559
9460	9461	9462	9463	9464	9465	9470	9471	9472	9473	9474	9478
9479	94800	94810	94811	94820	94821	94822	94830	94831	94832	94833	94840
94841	94842	94843	94844	94850	94851	94852	94853	94854	94855	94860	94861
94862	94863	94864	94865	94866	94870	94871	94872	94873	94874	94875	94876
94877	94880	94881	94882	94883	94884	94885	94886	94887	94888	94890	94891
94892	94893	94894	94895	94896	94897	94898	94899	9490	9491	9492	9493
9494	9495										

241   Poisoning by psychotropic agents

9690	9691	9692	9693	9694	9695	9696	9697	9698	9699

242   Poisoning by other medications and drugs

9090	9095	9600	9601	9602	9603	9604	9605	9606	9607	9608	9609
9610	9611	9612	9613	9614	9615	9616	9617	9618	9619	9620	9621
9622	9623	9624	9625	9626	9627	9628	9629	9630	9631	9632	9633
9634	9635	9638	9639	9640	9641	9642	9643	9644	9645	9646	9647
9648	9649	96500	96501	96502	96509	9651	9654	9655	9656	96561	9656
99657	9658	9659	9660	9661	9662	9663	9664	9670	9671	9672	9673
9674	9675	9676	9678	9679	9680	9681	9682	9683	9684	9685	9686
9687	9689	9700	9701	9708	9709	9710	9711	9712	9713	9719	9720
9721	9722	9723	9724	9725	9726	9727	9728	9729	9730	9731	9732
9733	9734	9735	9736	9738	9739	9740	9741	9742	9743	9744	9745
9746	9747	9750	9751	9752	9753	9754	9755	9756	9757	9758	9760
9761	9762	9763	9764	9765	9766	9767	9768	9769	9770	9771	9772
9773	9774	9778	9779	9780	9781	9782	9783	9784	9785	9786	9788
9789	9790	9791	9792	9793	9794	9795	9796	9797	9799	9952	

243   Poisoning by nonmedicinal substances

9091	9800	9801	9802	9803	9808	9809	981	9820	9821	9822	9823
9824	9828	9830	9831	9832	9839	9840	9841	9848	9849	9850	9851
9852	9853	9854	9855	9856	9858	9859	986	9870	9871	9872	9873
9874	9875	9876	9877	9878	9879	9880	9881	9882	9888	9889	9890
9891	9892	9893	9894	9895	9896	9897	9898	98981	98982	98983	98984
98989	9899										

Diagnosis category
ICD-9-CM codes

244   Other injuries and conditions due to external causes

V155	V156	V713	V714	V715	V716	7960	7990	9071	9073	9074	9075
9079	9085	9086	9089	9092	9094	9099	9300	9301	9302	9308	9309
931	932	9330	9331	9340	9341	9348	9349	9350	9351	9352	936
937	938	9390	9391	9392	9393	9399	9500	9501	9502	9503	9509
9510	9511	9512	9513	9514	9515	9516	9517	9518	9519	9530	9531
9532	9533	9534	9535	9538	9539	9540	9541	9548	9549	9550	9551
9552	9553	9554	9555	9556	9557	9558	9559	9560	9561	9562	9563
9564	9565	9568	9569	9570	9571	9578	9579	9580	9581	9582	9583
9584	9585	9586	9587	9588	9590	95901	95909	9591	9592	9593	9594
9595	9596	9597	9598	9599	990	9910	9911	9912	9913	9914	9915
9916	9918	9919	9920	9921	9922	9923	9924	9925	9926	9927	9928
9929	9930	9931	9932	9933	9934	9938	9939	9940	9941	9942	9943
9944	9945	9946	9947	9948	9949	9951	9955	99550	99551	99552	99553
99554	99555	99559	99580	99581	99582	99583	99584	99585	99589		

245   Syncope

7802

246   Fever of unknown origin

7806

247   Lymphadenitis

2891   2892   2893   683   7856

248   Gangrene

44024   7854

249   Shock
78550   78551   78559

250   Nausea and vomiting

7870   78701   78702   78703

251   Abdominal pain

7890   78900   78901   78902   78903   78904   78905   78906   78907   78909   78960   78961
78962   78963   78964   78965   78966   78967   78969

252   Malaise and fatigue

Diagnosis category
ICD-9-CM codes

7807	78071	78079									

253 Allergic reactions

V071	V140	V141	V142	V143	V144	V145	V146	V147	V148	V149	V150
V727	5186	6910	6918	6920	6921	6922	6923	6924	6925	6926	69270
69271	69272	69273	69274	69279	69281	69282	69283	69289	6929	6930	6931
6938	6939	7080	7081	7082	7083	7084	7085	7088	7089	9950	9953
99560	99561	99562	99563	99564	99565	99566	99567	99568	99569		

254 Rehabilitation care, fitting of prostheses, and adjustment of devices

V520	V521	V524	V528	V529	V538	V570	V571	V572	V5721	V5722	V573
V574	V5781	V5789	V579	V5882							

255 Administrative/social admission

V200	V201	V202	V600	V601	V602	V603	V604	V605	V606	V608	V609
V610	V611	V6110	V6111	V6112	V6120	V6121	V6122	V6129	V613	V6141	V6149
V616	V617	V618	V619	V620	V621	V622	V623	V624	V625	V626	V6281
V6282	V6283	V6289	V629	V630	V631	V632	V638	V639	V650	V651	V652
V653	V654	V6540	V6541	V6542	V6543	V6544	V6545	V6549	V655	V658	V659
V680	V681	V682	V6881	V6889	V689						

256 Medical examination/evaluation

V290	V291	V292	V293	V298	V299	V700	V703	V704	V705	V706	V707
V708	V709	V718	V719	V725	V726	V728	V7281	V7282	V7283	V7284	V7285
V729											

257 Other aftercare

V51	V539	V548	V549	V558	V559	V583	V584	V5841	V5849	V5861	V5862
V5869	V588	V5881	V5889	V589	V660	V665	V666	V667	V669	V670	V6751
V6759	V676	V679									

258 Other screening for suspected conditions (not mental disorders or infectious disease)

V280	V281	V282	V283	V284	V285	V288	V289	V760	V761	V7610	V7611
V7612	V7619	V762	V763	V7641	V7642	V7643	V7644	V7645	V7649	V768	V769
V770	V771	V772	V773	V774	V775	V776	V777	V778	V779	V780	V781
V782	V783	V788	V789	V800	V801	V802	V803	V810	V811	V812	V813
V814	V815	V816	V820	V821	V822	V823	V824	V825	V826	V828	V829

259 Residual codes, unclassified

Diagnosis category
ICD-9-CM codes

V070	V072	V073	V0731	V0739	V078	V079	V131	V138	V139	V152	V153
V1581	V1584	V1585	V1586	V1589	V159	V160	V161	V162	V163	V164	V1640
V1641	V1642	V1643	V1649	V165	V1651	V1659	V166	V167	V168	V169	V170
V171	V172	V173	V174	V175	V176	V177	V178	V180	V181	V182	V183
V184	V185	V186	V1861	V1869	V187	V188	V190	V191	V192	V193	V194
V195	V196	V197	V198	V210	V211	V212	V218	V219	V418	V419	V428
V4281	V4282	V4283	V4289	V429	V438	V4381	V4382	V4383	V4389	V447	V448
V449	V4571	V4572	V4573	V4583	V4589	V460	V468	V469	V470	V471	V472
V479	V480	V488	V489	V498	V499	V500	V501	V503	V5041	V5042	V5049
V508	V509	V590	V5901	V5902	V5909	V591	V592	V593	V594	V595	V596
V598	V599	V615	V640	V641	V642	V643	V644	V690	V691	V692	V693
V698	V699	3020	78002	78050	78051	78052	78053	78054	78055	78056	78057
78059	7809	7815	7816	7823	78261	78262	7828	7829	7830	7836	7842
7901	7903	7906	7909	79091	79092	79093	79094	79099	7929	7932	7938
7939	7949	7954	7963	7964	7965	7969	7980	7981	7982	7989	7992
7993	7998	7999									

Appendix 4:
List of Priority Conditions

LIST OF PRIORITY CONDITIONS

A. LONG-TERM, LIFE THREATENING CONDITIONS:

Cancer (of any body part)
cancer
tumor
malignancy
malignant tumor
carcinoma
sarcoma
lymphoma
Hodgkin's disease
leukemia
melanoma
metastasis
neuroma
adenoma

Diabetes
diabetes
diabetes mellitus
high blood sugar
juvenile diabetes
(Type I diabetes)
adult-onset diabetes
(Type II diabetes)
diabetic neuropathy

Emphysema
Emphysema
chronic obstructive pulmonary
disease (COPD)
chronic bronchitis (MUST use
    the word 'chronic', only
    for adults)
Chronic obstructive bronchitis
    (MUSTuse the word
    'chronic', only for
    adults)
 smokers cough

High Cholesterol
high cholesterol
high or elevated triglycerides
hyperlipidemia
hypercholesterolemia

HIV/AIDS
HIV
AIDS

Hypertension
hypertension
high blood pressure

Ischemic Heart Disease
ischemic heart disease (MUST use
    the word 'ischemic')
angina
angina pectoris
coronary artery disease
blocked, obstructed, or occluded
    coronary arteries
arteriosclerosis
myocardial infarction
heart attack

Stroke
stroke
cerebral hemorrhage
cerebral aneurysm
transient ischemic accident
transient ischemic attack
apoplexy
carotid artery blockage
arterial thrombosis in brain
blood clot in brain

B. CHRONIC, MANAGEABLE CONDITIONS:

Arthritis
anything with the word 'arthritis'
rheumatoid arthritis
degenerative arthritis
osteoarthritis
bursitis
rheumatism

Asthma
anything with the word 'asthma' or
    'asthmatic'

Gall Bladder Disease
gall bladder disease, trouble,
    attacks, infection, or problems
gallstones

Stomach Ulcers
stomach ulcer
duodenal ulcer
peptic ulcer
bleeding ulcer
ulcerated stomach
perforated ulcer

Back Problems of Any Kind
back problems or pain of any kind
    (lower or upper back)
sore, hurt, injured, or stiff back
backache
anything with the words 'vertebra',
    'vertebrae', 'lumbar', 'spine', or
    'spinal'
strained or pulled muscle in back
sprained back
muscle spasms
back spasms
bad back
lumbago
sciatica or sciatic nerve problems
disc problems: herniated, ruptured,
                slipped, compressed,
                extruded, dislocated,
                deteriorated, or
                misaligned discs

C. MENTAL HEALTH ISSUES:

Alzheimer's Disease and Other Dementias
anything with the words 'Alzheimer's' or 'dementia'
organic brain syndrome

Depression and Anxiety Disorders
depression (including severe, chronic, or major depression)
dysthymia
dysthymic disorder
bipolar disorder
manic depression or manic depressive illness
anxiety attacks
panic attacks
anxiety
nerves
nervous condition
nervous breakdown