

**MEPS HC-069  
2002 Medical Conditions**

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**Agency for Healthcare Research and Quality  
Center for Financing, Access, and Cost Trends  
540 Gaither Road  
Rockville, MD 20850  
(301) 427-1406**

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## A. Data Use Agreement

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

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

1. No one is to use the data in this data set in any way except for statistical reporting and analysis; and
2. If the identity of any person or establishment should be discovered inadvertently, then (a) no use will be made of this knowledge, (b) the Director Office of Management AHRQ will be advised of this incident, (c) the information that would identify any individual or establishment will be safeguarded or destroyed, as requested by AHRQ, and (d) no one else will be informed of the discovered identity; and
3. No one will attempt to link this data set with individually identifiable records from any data sets other than the Medical Expenditure Panel Survey or the National Health Interview Survey.

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

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

## **B. Background**

The Medical Expenditure Panel Survey (MEPS) provides nationally representative estimates of health care use, expenditures, sources of payment, and insurance coverage for the U.S. civilian non-institutionalized 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, also known as NMES-1) was conducted in 1977 and the National Medical Expenditure Survey (NMES-2) in 1987. Since 1996, MEPS continues this series with design enhancements and efficiencies that provide a more current data resource to capture the changing dynamics of the health care delivery and insurance system.

The design efficiencies incorporated into MEPS are in accordance with the Department of Health and Human Services (DHHS) Survey Integration Plan of June 1995, which focused on consolidating DHHS surveys, achieving cost efficiencies, reducing respondent burden, and enhancing analytical capacities. To 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**

The MEPS HC, a nationally representative survey of the U.S. civilian non-institutionalized 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 2 ½-year period. Using computer-assisted personal interviewing (CAPI) technology, data on

medical expenditures and use for two calendar years are collected from each household. This series of data collection rounds is launched each subsequent year on a new sample of households to provide overlapping panels of survey data and, when combined with other ongoing panels, will provide continuous and current estimates of health care expenditures.

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

## **2.0 Medical Provider Component**

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**

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, eligibility requirements, 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 insurance providers identified by MEPS HC respondents) are linked back to data provided by those respondents. Data 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 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 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 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 electronic files.

Selected printed documents 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 you are requesting.

Additional information on MEPS is available from the MEPS project manager or the MEPS public use data manager at the Center for Financing, Access, and Cost Trends, Agency for Healthcare Research and Quality, 540 Gaither Road, Rockville, MD 20850 (301-427-1406).

## C. Technical and Programming Information

### 1.0 General Information

This documentation describes the data contained in MEPS Public Use Release HC-069, which is one in a series of public use data files to be released from the 2002 Medical Expenditure Panel Survey Household Component (MEPS HC).

Released in ASCII (with related SAS and SPSS programming statements) 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 2002 MEPS HC.

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

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

A codebook of all the variables included in the 2002 Medical Conditions File is provided in separate files (H69CB.PDF and H69CB.ASP). 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 the information on this file is available on the MEPS web site: <http://www.meps.ahrq.gov>.

### 2.0 Data File Information

This file contains 120,795 records. Each record represents one medical condition reported by a household survey respondent who resides in an eligible responding household and who has a positive person or family weight. Records meeting one of the following criteria are included on the file.

In Panel 7:

- All Round 1 and Round 2 conditions;

- Round 3 conditions that are linked to a 2002 event;
- Round 3 conditions that were on the priority list, not due to an accident or injury, and began before 2003;
- Round 3 conditions that were due to an accident or injury and began before 2003
- Round 3 conditions where fifty percent or more of person's reference period occurred in 2002.

In Panel 6:

- All Round 4 and Round 5 conditions;
- Round 1, Round 2, and Round 3 conditions that meet at least one of the following two criteria:
  - The condition is linked to a 2002 event;
  - The condition is a priority condition;
- Round 3 conditions that are injuries;
- Round 3 conditions that were not previously delivered in the FY 2001 Conditions PUF (HC-061). This includes:
  - Round 3 conditions created after the delivery of the FY 2001 Conditions File due to Round 4 and Round 5 comments processing;
  - Round 3 conditions where the person did not have a positive person or family weight in FY 2001 but has a positive person or family weight in FY 2002;
  - Round 3 conditions where fifty percent or more of person's reference period occurred in 2002.

For each variable on the file, the codebook provides both weighted and unweighted frequencies. 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 2002 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). Since each record represents a single condition reported by a household respondent, 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. Still other respondents may have reported a medical condition that did not meet the criteria above and thus will have no records on this file. Data from this file also can be merged to 2002 MEPS Event Files (HC-067H, HC-067D, HC-067G, HC-067F, HC-067E, and HC-067A) by using the link files provided in HC-067I, (see HC-067I for details).

## **2.1 Using MEPS Data for Trend and Longitudinal Analysis**

MEPS began in 1996 and several annual data files have been released. As more years of data are produced, MEPS will become increasingly valuable for examining health care trends. However, it is important to consider a variety of factors when examining trends



over time using MEPS. Statistical significance tests should be conducted to assess the likelihood that observed trends are attributable to sampling variation. MEPS expenditure estimates are especially sensitive to sampling variation due to the underlying skewed distribution of expenditures. For example, 1 percent of the population accounts for about one-quarter of all expenditures. The extent to which observations with extremely high expenditures are captured in the MEPS sample varies from year to year (especially for smaller population subgroups), which can produce substantial shifts in estimates of means or totals that are simply an artifact of the sample(s). The length of time being analyzed should also be considered. In particular, large shifts in survey estimates over short periods of time (e.g. from one year to the next) that are statistically significant should be interpreted with caution, unless they are attributable to known factors such as changes in public policy or MEPS survey methodology. Looking at changes over longer periods of time can provide a more complete picture of underlying trends. Analysts may wish to consider using techniques to smooth or stabilize trend analyses of MEPS data such as pooling time periods for comparison (e.g. 1996-97 versus 1998-99), working with moving averages, or using modeling techniques with several consecutive years of MEPS data to test the fit of specified patterns over time. Finally, researchers should be aware of the impact of multiple comparisons on Type I error because performing numerous statistical significance tests of trend increases the likelihood of inappropriately concluding a change is statistically significant.

The records on this file can be linked to all other 2002 MEPS-HC public use data sets by the sample person identifier (DUPERSID).

## 2.2 Codebook Structure

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

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

## 2.3 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.

## 2.4 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

## 2.5 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. (CONDIDX, which is an encrypted identifier variable, also ends in an “X”.)

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 three ways: (1) variables derived from CAPI or assigned in sampling are so indicated; (2) variables collected at one or more specific questions have those numbers and questionnaire sections indicated in the “SOURCE” column; and (3) variables constructed from multiple questions using complex algorithms are labeled “Constructed” in the “SOURCE” column.

## 2.6 File Contents

### 2.6.1 Identifier Variables (DUID-CONDRN)

The definitions of Dwelling Units (DUs) and Group Quarters in the MEPS HC are generally consistent with the definitions employed for the National Health Interview

Survey (NHIS). The dwelling unit ID (DUID) is a 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. The current range for CONDN is 10-496 and the largest range of records for any person on the file is 1 - 38. Note that this discrepancy is expected, as condition numbers are not sequentially assigned by the CAPI. In other words, if CONDN is set to 10 for a person's first condition, then CONDN might be set to 17 for the person's second condition. CONDIDX uniquely identifies each condition (i.e., each record on the file) and is the combination of DUPERSID and the last four digits of a person's CONDID.

PANEL02 is a constructed variable used to specify the panel number for the interview in which the condition was reported. PANEL02 will indicate either Panel 6 or Panel 7.

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

## **2.6.2 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, 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, priority conditions were not identified as such due to interviewer misinterpretation. 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 injury (INJURY=1). Some injuries are also priority conditions (e.g. back pain).

### **Date Priority Condition Began/Accident Occurred**

The date a priority condition began (CONDBEGD, CONDBEGM, CONDBEGY) is collected only for conditions that appear on the priority list and are not accident/injury conditions. The date an accident or injury occurred (ACCDENTD, ACCDENTM, ACCDENTY) is collected only for accident/injury conditions, including accident/injury conditions that are also priority 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), the interviewer asked a series of questions regarding health care utilization for that condition and the effect of that condition on the person's overall health. 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 provided the information himself/herself, versus the condition 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 of the recommended 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 the accident/injury occurred at work (ACCDNWRK) – respondents aged 15 and younger were not asked this question and the condition was coded ACCDNWRK = -1;
- b. Where the accident/injury happened (ACDNTLOC);
- c. If the accident/injury occurred at home, was it inside or outside the house (INOUTHH);
- d. Whether the accident involved a motor vehicle, gun, weapon other than a gun, poison, fire, drowning or near-drowning, sports injury, a non-sports related fall, something else (VEHICLE, GUN, WEAPON, POISON, FIREBURN, DROWN, SPORTS, FALL, ACDNTOTH);
- e. Whether the person has fully recovered from the accident/injury (RECOVER).

For priority conditions only, additional information was obtained in rounds subsequent to the one in which the condition was first reported. This information was obtained only if there was an event, 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 reported, the following questions were asked in that round:

- a. Whether the respondent saw or talked to a doctor about the condition since the start of the reference period (SEEDREV1-SEEDREV5)
- 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 the start of the reference period. (OVRALL1 – OVRALL5);
- d. Whether the person with the condition provided the information himself/herself, versus the condition being reported by another household member (WHOTYP1 – WHOTYP5);

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

The variable, AFCOND, which indicates that one of the selected or reported health conditions is related to service in the Armed Forces of the United States, was included on the 2001 Conditions File but will be dropped from the file beginning in 2002.

### **Treatment of Data from Rounds Not Occurring in 2002**

For Panel 6, Rounds 1 and 2 occurred in 2001 and conditions reported during these rounds are not included on this file unless the condition was identified as a priority condition (see the discussion of PRIORFLG below) or was related to a 2002 event. Note that if, in Rounds 3, 4, and 5 of Panel 6, the person “selects” a Round 1 or 2 condition as the reason for a reported disability day, this condition does not appear on the 2002 file unless it is also a priority condition or is related to a 2002 event. For Panel 7, Rounds 4 and 5 occurred in 2003 and conditions reported during these rounds are not included on this file. Therefore, round-specific variables for Rounds 1 and 2 of Panel 6 are assigned an inapplicable code (-1) on all of the condition records for respondents in Panel 6, and round-specific variables for Rounds 4 and 5 of Panel 7 are assigned an inapplicable code (-1) on all of the condition records for respondents in Panel 7. Round-specific data for Rounds 4 and 5 pertain only to Panel 6; round-specific data for Rounds 1 and 2 pertain only to Panel 7, and both panels provide data from Round 3. (Note: Use PANEL02 to identify whether Round 3 variables were collected in Panel 6 or Panel 7.)

Conditions in this 2002 file first reported in Rounds 1 or 2 of Panel 6 that are priority conditions OR conditions resulting from an injury have round-specific data for those rounds included on the 2001 Medical Conditions File (HC-061). The variables PRIORFLG and INJURFLG indicate if the condition is “Not a priority/injury condition” (0), if “Additional information is included on the 2001 Medical Conditions 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 an event, a prescribed medicine, or a disability day in 2002 due to the condition, analysts should consider that the respondent is probably still experiencing the condition. If a Panel 6 respondent reported a priority condition in Round 1 or 2 and did not have an event, a prescribed medicine, or a disability day for the condition in Round 3, 4, or 5, round-specific variables for Rounds 3, 4, and 5 are coded as -1. The only information provided on the current 2002 file for such conditions are the ICD9CODX, ICD9PROX, CCCODEX, and non-round-specific variables. These records are identified by PRIORFLG=1. Round-specific data from Rounds 1 and 2 for these records are available in the 2001 Medical Conditions File.

### **Rounds in which Conditions Were Reported/Selected (CRND1 – CRND5)**

A set of constructed variables (CRND1 – CRND5) indicates the round in which the condition was first reported, and for subsequent rounds, the round(s) in which an event,

prescription medication, or disability day occurred due to the condition. For example, consider a condition for which CRND1 = 0, CRND2 = 1, and CRND3 = 1. This sequence of CRND indicators on a condition record 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, prescribed medicine, or disability day during Round 3. CRND1 – CRND5 are not applicable for most pregnancies, prenatal visits, or deliveries due to the questionnaire design.

### **Disability Flag Variables**

This file contains three flag variables indicating whether a condition is associated with a missed work day (MISSWORK), a missed school day (MISSSCHL), or a day spent in bed (INBEDFLG). Due to the MEPS instrument design, there is no link indicating the specific 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 by professional coders to fully-specified ICD-9-CM codes, including medical condition and V codes (see Health Care Financing Administration, 1980). 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 unweighted and weighted frequencies for all ICD-9-CM 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 Psychoses\*” 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 of 81 “Joint Repair\*” includes subclassifications 81.0 through 81.99. Less than 1 percent of records were further edited to combine two 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

RSNINHOS “Reason Entered Hospital” found on the Hospital Inpatient Stays Public Use File (HC-067D).

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 H69SU.TXT file).

### **Clinical Classification Codes**

ICD-9-CM condition codes have been aggregated into clinically meaningful categories that group similar conditions (CCCODEX). CCCODEX 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 260 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-CM codes. A small number (less than 1 percent) of clinical classification codes have been edited for confidentiality purposes. 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 H69SU.TXT file).

#### **2.6.3 Utilization Variables (OBNUM – RXNUM)**

The variables OBNUM, OPNUM, HHNUM, IPNUM, ERNUM, and RXNUM indicate the total number of 2002 events that can be linked to each condition record on the current file, i.e., office-based, outpatient, home health, inpatient hospital stays, emergency room visits, and prescribed medicines, respectively.

These counts of events were derived from Expenditure Event Public Use Files (HC-067G, HC-067F, HC-067H, HC-067D, HC-067E, and HC-067A) respectively. Events associated with conditions include all utilization that occurred between January 1, 2002 and December 31, 2002.

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



### **3.0 Sample Weight (PERWT02F)**

#### **3.1 Overview**

There is a single full year person-level weight (PERWT02F) assigned to each record for each key, in-scope person who responded to MEPS for the full period of time that he or she was in-scope during 2002. A key person either was a member of an NHIS household at the time of the NHIS interview, or became a member of a family associated with such a household after being out-of-scope at the time of the NHIS (examples of the latter situation include newborns and persons returning from military service, an institution, or living outside the United States). A person is in-scope whenever he or she is a member of the civilian noninstitutionalized portion of the U.S. population.

#### **3.2 Details on Person Weight Construction**

The person-level weight PERWT02F was developed in several stages. Person-level weights for Panels 6 and 7 were created separately. The weighting process for each panel included an adjustment for nonresponse over time and calibration to independent population figures. The calibration was initially accomplished separately for each panel by raking the corresponding sample weights to Current Population Survey (CPS) population estimates based on five variables. The five variables used in the establishment of the initial person-level control figures were: census region (Northeast, Midwest, South, West); MSA status (MSA, non-MSA); race/ethnicity (Hispanic, black but non-Hispanic, Asian but non-Hispanic and other); sex; and age. A 2002 composite weight was then formed by multiplying each weight from Panel 6 by the factor .55 and each weight from Panel 7 by the factor .45. The choice of factors reflected the relative sample sizes of the two panels, helping to limit the variance of estimates obtained from pooling the two samples. The composite weight was again raked to the same set of CPS-based control totals. When poverty status information derived from income variables became available, a final raking was undertaken on the previously established weight variable. Control totals were established using poverty status (below poverty, from 100 to 125 percent of poverty, from 125 to 200 percent of poverty, from 200 to 400 percent of poverty, at least 400 percent of poverty) as well as the original five variables used in the previous calibrations.

##### **3.2.1 MEPS Panel 6 Weight**

The person-level weight for MEPS Panel 6 was developed using the 2001 full year weight for an individual as a “base” weight for survey participants present in 2001. For key, in-scope respondents who joined an RU some time in 2002 after being out-of-scope in 2001, the 2001 family weight associated with the family the person joined served as a “base” weight. The weighting process included an adjustment for nonresponse over Rounds 4 and 5 as well as raking to population control figures for December 2002. These control figures were derived by scaling back the population totals obtained from the March 2002 CPS to reflect the December 2002 CPS estimated population distribution across age and sex categories as of December 2002. Variables used in the establishment of person-level control figures included: census region (Northeast, Midwest, South,

West); MSA status (MSA, non-MSA); race/ethnicity (Hispanic, black but non-Hispanic, Asian but non-Hispanic, and other); sex; and age. Overall, the weighted population estimate for the civilian noninstitutionalized population on December 31, 2002 is 284,568,843. Key, responding persons not in-scope on December 31, 2002 but in-scope earlier in the year retained, as their final Panel 6 weight, the weight after the nonresponse adjustment.

### **3.2.2 MEPS Panel 7 Weight**

The person-level weight for MEPS Panel 7 was developed using the MEPS Round 1 person-level weight as a “base” weight. For key, in-scope respondents who joined an RU after Round 1, the Round 1 family weight served as a “base” weight. The weighting process included an adjustment for nonresponse over Round 2 and the 2002 portion of Round 3 as well as raking to the same population control figures for December 2002 used for the MEPS Panel 6 weights. The same five variables employed for Panel 6 raking (census region, MSA status, race/ethnicity, sex, and age) were used for Panel 7 raking. Similarly, for Panel 7, key, responding persons not in-scope on December 31, 2002 but in-scope earlier in the year retained, as their final Panel 7 weight, the weight after the nonresponse adjustment.

Note that the MEPS Round 1 weights (for both panels with one exception as noted below) incorporated the following components: the original household probability of selection for the NHIS; ratio-adjustment to NHIS-based national population estimates at the household (occupied dwelling unit) level; adjustment for nonresponse at the dwelling unit level for Round 1; and raking to figures at the family and person level obtained from the March 2002 CPS data base.

### **3.2.3 The Final Weight for 2002**

Variables used in the establishment of person-level control figures included: poverty status (below poverty, from 100 to 125 percent of poverty, from 125 to 200 percent of poverty, from 200 to 400 percent of poverty, at least 400 percent of poverty); census region (Northeast, Midwest, South, West); MSA status (MSA, non-MSA); race/ethnicity (Hispanic, black but non-Hispanic, Asian but non-Hispanic, and other); sex; and age. Overall, the weighted population estimate for the civilian noninstitutionalized population for December 31, 2002 is 284,568,843 (PERWT02F>0 and INSC1231=1). The weights of some persons out-of-scope on December 31, 2002 were also calibrated, this time using poststratification. Specifically, the weights of persons out-of-scope on December 31, 2002 who were in-scope 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 in-scope during 2002 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. The sum of the person-level weights across all persons assigned a positive person level weight is 288,181,763.

### 3.2.4 Coverage

The target population for MEPS in this file is the 2002 U.S. civilian noninstitutionalized population. However, the MEPS sampled households are a subsample of the NHIS households interviewed in 2000 (Panel 6) and 2001 (Panel 7). New households created after the NHIS interviews for the respective Panels and consisting exclusively of persons who entered the target population after 2000 (Panel 6) or after 2001 (Panel 7) 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 segment of the MEPS target population.

### 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-067I for instructions on merging the condition file to the Medical Event Files. Person-level characteristics can be merged to this Conditions File using the following procedure:

1. Sort the person-level file by person identifier, DUPERSID. Keep only DUPERSID and the variables to be merged onto the Conditions File.
2. Sort the conditions file by person identifier, DUPERSID.
3. Merge both files by DUPERSID, and output all records in the conditions file.
4. If PERS contains the person-level variables, and COND is the conditions file, the following code can be used to add person-level variables to the person's conditions in condition-level file.

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

## References

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- Johnson, Ayah E., and Sanchez, Maria Elena. (1993), "Household and Medical Reports on Medical Conditions: National Medical Expenditure Survey." *Journal of Economic and Social Measurement*, 19, 199-223.

## **Appendix 1**

### **Variable to Source Crosswalk**

## Appendix 1 – Variable to Source Crosswalk

### UNIQUE IDENTIFIER VARIABLES

VARIABLE	LABEL	SOURCE <sup>1</sup>
DUID	Dwelling Unit ID	Assigned In Sampling
PID	Person Number	Assigned In Sampling
DUPERSID	Person ID (DUID + PID)	Assigned In Sampling
CONDN	Condition Number	CAPI Derived
CONDIDX	Condition ID	CAPI Derived
PANEL02	Panel Number	Constructed
CONDRN	Condition Round Number	CAPI Derived

### MEDICAL CONDITION VARIABLES

VARIABLE	LABEL	SOURCE <sup>1</sup>
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 Seen Dr For Cond	CN03, CN17
SEEDREV2	RD2: Ever Seen Dr For Cond	CN03, CN17
SEEDREV3	RD3: Ever Seen Dr For Cond	CN03, CN17
SEEDREV4	RD4: Ever Seen Dr For Cond	CN03, CN17
SEEDREV5	RD5: Ever Seen Dr For Cond	CN03, CN17
LSTSAW1	RD1: When Was Last Time Dr Was Seen	CN04
STILTR1	RD1: Is Pers Still Treated For Cond	CN11, CN18
STILTR2	RD2: Is Pers Still Treated For Cond	CN11, CN18
STILTR3	RD3: Is Pers Still Treated For Cond	CN11, CN18
STILTR4	RD4: Is Pers Still Treated For Cond	CN11, CN18
STILTR5	RD5: Is Pers Still Treated For Cond	CN11, CN18
OVRALL1	RD1: How Cond Affect Overall Health	CN13, CN19
OVRALL2	RD2: How Cond Affect Overall Health	CN13, CN19
OVRALL3	RD3: How Cond Affect Overall Health	CN13, CN19
OVRALL4	RD4: How Cond Affect Overall Health	CN13, CN19
OVRALL5	RD5: How Cond Affect Overall Health	CN13, CN19
WHOTYP1	RD1: Who Reported Condition Affect	CN13OV, CN19OV
WHOTYP2	RD2: Who Reported Condition Affect	CN13OV, CN19OV
WHOTYP3	RD3: Who Reported Condition Affect	CN13OV, CN19OV
WHOTYP4	RD4: Who Reported Condition Affect	CN13OV, CN19OV
WHOTYP5	RD5: Who Reported Condition Affect	CN13OV, CN19OV
FURTCA1	RD1: Further Treatment Recommended	CN14

<sup>1</sup> See the README file in the Survey Instruments section of the MEPS home page for information on the MEPS HC questionnaire sections (e.g., CN, DD) shown in the Source column.

<b>VARIABLE</b>	<b>LABEL</b>	<b>SOURCE<sup>1</sup></b>
FURTCA2	RD2: Further Treatment Recommended	CN14
FURTCA3	RD3: Further Treatment Recommended	CN14
FURTCA4	RD4: Further Treatment Recommended	CN14
FURTCA5	RD5: Further Treatment Recommended	CN14
FOLOCA1	RD1: Rcv FollowUp Care For Condition	CN15
FOLOCA2	RD2: Rcv FollowUp Care For Condition	CN15
FOLOCA3	RD3: Rcv FollowUp Care For Condition	CN15
FOLOCA4	RD4: Rcv FollowUp Care For Condition	CN15
FOLOCA5	RD5: Rcv FollowUp Care For Condition	CN15
SEEDREF1	RD1: Saw Dr In Reference Period	CN03, CN17
SEEDREF2	RD2: Saw Dr In Reference Period	CN03, CN17
SEEDREF3	RD3: Saw Dr In Reference Period	CN03, CN17
SEEDREF4	RD4: Saw Dr In Reference Period	CN03, CN17
SEEDREF5	RD5: Saw Dr In Reference Period	CN03, CN17
CRND1	Has Condition Information In Round	Constructed
CRND2	Has Condition Information In Round	Constructed
CRND3	Has Condition Information In Round	Constructed
CRND4	Has Condition Information In Round	Constructed
CRND5	Has Condition Information In Round	Constructed
PRIORFLG	Location Of Rnd Specific Priority Info	Constructed
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 The 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	Location Of Rnd Specific Injury Info	Constructed
MISSWORK	Flag Associated With Missed Work Days	DD03
MISSSCHL	Flag Associated With Missed School Days	DD06
INBEDFLG	Flag Associated With Bed Days	DD09

<sup>1</sup> See the README file in the Survey Instruments section of the MEPS home page for information on the MEPS HC questionnaire sections (e.g., CN, DD) shown in the Source column.

<b>VARIABLE</b>	<b>LABEL</b>	<b>SOURCE<sup>1</sup></b>
ICD9CODX	ICD-9-CM Code For Condition - Edited	CE05, HS04, ER04, OP09, MV09, HH05, PM09 (Edited)
ICD9PROX	ICD-9-CM Code For Procedure - Edited	CE05, HS04, ER04, OP09, MV09, HH05, PM09 (Edited)
CCCODEX	Clinical Classification Code - Edited	Constructed/Edited

### **UTILIZATION VARIABLES**

<b>VARIABLE</b>	<b>LABEL</b>	<b>SOURCE<sup>1</sup></b>
HHNUM	# Home Health Events Assoc. w/ Condition	Constructed
IPNUM	# Inpatient Events Assoc. w/ Condition	Constructed
OPNUM	# Outpatient Events Assoc. w/ Condition	Constructed
OBNUM	# Office-Based Events Assoc. w/ Condition	Constructed
ERNUM	# ER Events Assoc. w/ Condition	Constructed
RXNUM	# Prescribed Medicines Assoc. w/ Cond.	Constructed

### **WEIGHTS AND VARIANCE ESTIMATION VARIABLES**

<b>VARIABLE</b>	<b>LABEL</b>	<b>SOURCE<sup>1</sup></b>
PERWT02F	Expenditure File Person Weight, 2002	Constructed
VARSTR	Variance Estimation Stratum, 2002	Constructed
VARPSU	Variance Estimation PSU, 2002	Constructed

<sup>1</sup> See the README file in the Survey Instruments section of the MEPS home page for information on the MEPS HC questionnaire sections (e.g., CN, DD) shown in the Source column.



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

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

ICD9CODX VALUE	LABEL	UNWEIGHTED	WEIGHTED BY PERWT02F
-1	INAPPLICABLE	2,395	19,898,076
-9	NOT ASCERTAINED	813	6,151,805
005	OTHER FOOD POISONING*	127	1,130,640
008	INTESTINAL INFECTION NEC*	3,745	29,723,478
009	ILL-DEFINED INTEST INF*	32	196,405
011	PULMONARY TUBERCULOSIS*	29	146,656
034	STREP THROAT/SCARLET FEV*	850	6,988,174
038	SEPTICEMIA*	30	232,996
041	BACT INF IN OTH DIS/NOS*	184	1,557,705
042	HUMAN IMMUNO VIRUS DIS	37	242,821
052	CHICKENPOX*	41	258,512
053	HERPES ZOSTER*	138	1,320,749
054	HERPES SIMPLEX*	153	1,419,641
057	OTHER VIRAL EXANTHEMATA*	26	208,094
070	VIRAL HEPATITIS*	76	537,109
074	COXSACKIE VIRAL DISEASE*	27	235,474
075	INFECTIOUS MONONUCLEOSIS	44	418,741
078	OTHER VIRAL DISEASE*	284	2,704,016
079	VIRAL INF IN OTH DIS/NOS*	927	7,694,497
088	OTH ARTHROPOD-BORNE DIS*	30	276,352
099	OTHER VENEREAL DISEASE*	10	107,932
110	DERMATOPHYTOSIS*	320	2,529,576
111	DERMATOMYCOSIS NEC/NOS*	26	214,992
112	CANDIDIASIS*	351	3,089,287
117	OTHER MYCOSES*	39	308,321
132	PEDICULOSIS AND PHTHIRUS*	17	81,445
133	ACARIASIS*	17	117,132
135	SARCOIDOSIS	13	101,658
136	INF/PARASITE DIS NEC/NOS*	175	1,113,136
139	LATE EFFECT INFECT NEC*	13	92,541
149	OTH MALIG NEO OROPHARYNX*	16	107,409
153	MALIGNANT NEOPLASM COLON*	51	432,629
154	MALIG NEO RECTUM/ANUS*	3	21,319
155	MALIGNANT NEOPLASM LIVER*	7	60,401
159	OTH MALIG NEO GI/PERITON*	14	106,225
161	MALIGNANT NEO LARYNX*	5	50,252
162	MAL NEO TRACHEA/LUNG*	51	406,294
170	MAL NEO BONE/ARTIC CART*	11	85,016
172	MALIGNANT MELANOMA SKIN*	51	504,482
173	OTHER MALIG NEOPL SKIN*	315	2,978,636
174	MALIG NEO FEMALE BREAST*	148	1,276,116
179	MALIG NEOPL UTERUS NOS	17	113,010
180	MALIG NEOPL CERVIX UTERI*	25	223,107
185	MALIG NEOPL PROSTATE	115	1,100,852
186	MALIG NEOPL TESTIS*	4	40,311
188	MALIG NEOPL BLADDER*	19	187,324
189	MAL NEO URINARY NEC/NOS*	11	77,827
191	MALIGNANT NEOPLASM BRAIN*	13	143,979
193	MALIG NEOPL THYROID	11	107,943
195	MAL NEO OTH/ILL-DEF SITE*	23	226,099
199	MALIGNANT NEOPLASM NOS*	115	921,217

NOTE: ' \* ' indicates collapsing of fully specified codes to 3-digit code categories. See Section 2.6.2 for additional information.

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

ICD9CODX VALUE	LABEL	UNWEIGHTED	WEIGHTED BY PERWT02F
201	HODGKIN'S DISEASE*	12	130,172
202	OTH MAL NEO LYMPH/HISTIO*	25	209,366
203	MULTIPLE MYELOMA ET AL*	7	60,806
207	OTHER SPECIFIED LEUKEMIA*	9	72,356
208	LEUKEMIA-UNSPECIF CELL*	21	192,115
210	BEN NEO ORAL CAV/PHARYNX*	2	23,993
211	OTH BENIGN NEOPLASM GI*	78	713,034
214	LIPOMA*	26	260,827
215	OTH BEN NEO SOFT TISSUE*	72	563,175
216	BENIGN NEOPLASM OF SKIN*	334	3,306,056
217	BENIGN NEOPLASM BREAST	16	134,736
218	UTERINE LEIOMYOMA*	33	311,155
225	BENIGN NEO NERVOUS SYST*	4	29,732
228	HEMANGIOMA/LYMPHANGIOMA*	7	58,676
229	BENIGN NEOPLASM NEC/NOS*	34	377,009
232	CARCINOMA IN SITU SKIN*	56	618,167
233	CA IN SITU BREAST/GU*	4	30,378
237	UNCER NEO ENDOCRINE/NERV*	3	16,268
238	UNC BEHAV NEO NEC/NOS*	37	358,635
239	UNSPECIFIED NEOPLASM*	309	2,721,212
240	GOITER, SIMPLE/NOS*	36	325,429
241	NONTOXIC NODULAR GOITER*	9	101,089
242	THYROTOXICOSIS*	139	1,112,728
244	ACQUIRED HYPOTHYROIDISM*	557	5,060,358
245	THYROIDITIS*	6	46,433
246	OTH DISORDERS OF THYROID*	715	5,644,779
250	DIABETES MELLITUS*	2,164	15,239,140
251	OTH PANCREATIC DISORDER*	44	365,269
252	PARATHYROID DISORDER*	10	106,952
253	PITUITARY/HYPOTHALM DIS*	12	111,533
255	ADRENAL GLAND DISORDERS*	13	89,904
256	OVARIAN DYSFUNCTION*	36	352,234
257	TESTICULAR DYSFUNCTION*	8	72,760
259	OTH ENDORINE DISORDERS*	351	2,938,627
263	PROT-CAL MALNUTR NEC/NOS*	5	49,465
266	B-COMPLEX DEFICIENCIES*	16	179,305
268	VITAMIN D DEFICIENCY*	2	14,873
269	OTH NUTRITION DEFICIENCY*	24	187,586
271	DIS CARBOHYDRATE METABOL*	10	83,635
272	DIS OF LIPOID METABOLISM*	2,580	21,865,897
274	GOUT*	308	2,678,392
275	DIS MINERAL METABOLISM*	47	364,784
276	FLUID/ELECTROLYTE DIS*	654	4,949,350
277	METABOLISM DIS NEC/NOS*	23	218,346
278	OBESITY/HYPERALIMENT*	112	814,494
279	DIS IMMUNE MECHANISM*	25	229,649
280	IRON DEFICIENCY ANEMIAS*	81	587,985
281	OTHER DEFICIENCY ANEMIA*	17	150,045
282	HEREDIT HEMOLYTIC ANEMIA*	18	133,064
284	APLASTIC ANEMIA*	3	19,715
285	ANEMIA NEC/NOS*	357	2,395,973

NOTE: ' \* ' indicates collapsing of fully specified codes to 3-digit code categories. See Section 2.6.2 for additional information.

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

ICD9CODX VALUE	LABEL	UNWEIGHTED	WEIGHTED BY PERWT02F
286	COAGULATION DEFECTS*	13	104,315
287	PURPURA & OTH HEMOR COND*	14	133,925
288	WBC DISORDERS*	20	158,943
289	OTHER BLOOD DISEASE*	78	616,934
294	OTHER ORGANIC PSYCH COND*	59	647,261
295	SCHIZOPHRENIC DISORDERS*	65	452,232
296	AFFECTIVE PSYCHOSES*	254	2,048,592
297	PARANOID STATES*	10	70,233
298	OTH NONORGANIC PSYCHOSES*	34	285,766
299	PSYCHOSES OF CHILDHOOD*	33	294,463
300	NEUROTIC DISORDERS*	1,767	14,226,364
301	PERSONALITY DISORDERS*	18	119,445
302	SEXUAL DISORDERS*	35	343,517
303	ALCOHOL DEPENDENCE SYNDR*	41	313,455
304	DRUG DEPENDENCE*	20	182,542
305	NONDEPENDENT DRUG ABUSE*	66	623,257
306	PSYCHOPHYSIOLOGIC DIS*	30	250,807
307	SPECIAL SYMPTOM NEC*	69	604,904
308	ACUTE REACTION TO STRESS*	662	5,439,064
309	ADJUSTMENT REACTION*	198	1,586,030
310	NONPSYCHOTIC BRAIN SYND*	10	71,123
311	DEPRESSIVE DISORDER NEC	2,552	20,139,813
312	CONDUCT DISTURBANCE NEC*	58	338,196
313	EMOTIONAL DIS CHILD/ADOL*	18	117,487
314	HYPERKINETIC SYNDROME*	448	3,292,141
315	SPECIFIC DEVELOP DELAYS*	47	284,676
317	MILD MENTAL RETARDATION	4	44,937
319	MENTAL RETARDATION NOS	23	108,364
322	MENINGITIS, UNSPECIFIED*	26	209,677
323	ENCEPHALOMYELITIS*	4	35,782
331	CEREBRAL DEGENERATION*	85	669,835
332	PARKINSON'S DISEASE*	61	591,091
333	EXTRAPYRAMIDAL DIS NEC*	48	413,996
336	SPINAL CORD DISEASE NEC*	18	150,812
337	AUTONOMIC NERVE DISORDER*	14	132,464
340	MULTIPLE SCLEROSIS	54	511,931
342	HEMIPLEGIA*	6	69,441
343	INFANTILE CEREBRAL PALSY*	35	253,605
344	OTH PARALYTIC SYNDROMES*	27	171,055
345	EPILEPSY*	111	753,541
346	MIGRAINE*	803	6,476,946
347	CATAPLEXY AND NARCOLEPSY	11	95,754
348	OTHER BRAIN CONDITIONS*	54	448,064
349	CNS DISORDER NEC/NOS*	31	217,743
350	TRIGEMINAL NERV DISORDER*	6	41,434
351	FACIAL NERVE DISORDERS*	34	229,827
353	NERVE ROOT/PLEXUS DIS*	14	91,152
354	MONONEURITIS UPPER LIMB*	261	2,030,530
355	MONONEURITIS LEG*	305	2,525,617
356	HERED PERIPH NEUROPATHY*	19	187,028
357	INFLAM/TOXIC NEUROPATHY*	4	34,503

NOTE: ' \* ' indicates collapsing of fully specified codes to 3-digit code categories. See Section 2.6.2 for additional information.

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

ICD9CODX VALUE	LABEL	UNWEIGHTED	WEIGHTED BY PERWT02F
358	MYONEURAL DISORDERS*	6	43,691
359	MUSCULAR DYSTROPHIES*	10	84,869
360	DISORDERS OF THE GLOBE*	276	1,976,170
361	RETINAL DETACHMENT*	30	238,566
362	RETINAL DISORDERS NEC*	158	1,517,095
363	CHOROIDAL DISORDERS*	4	42,045
364	IRIS/CILIARY BODY DIS*	14	142,923
365	GLAUCOMA*	457	3,788,054
366	CATARACT*	603	5,148,862
367	DISORDERS OF REFRACTION*	406	3,770,699
368	VISUAL DISTURBANCES*	150	1,312,980
369	BLINDNESS AND LOW VISION*	146	1,093,096
370	KERATITIS*	10	89,583
371	CORNEAL OPACITY/DISORDER*	23	176,417
372	DISORDERS OF CONJUNCTIVA*	305	2,527,383
373	INFLAMMATION OF EYELIDS*	66	580,103
374	DISORDERS OF EYELIDS NEC*	26	201,070
375	LACRIMAL SYSTEM DISORDER*	105	984,958
377	DISORDERS OF OPTIC NERVE*	11	83,940
378	STRABISMUS*	36	290,196
379	EYE DISORDERS NEC*	338	2,816,892
380	DISORDER OF EXTERNAL EAR*	130	1,218,543
381	NONSUPPUR OTITIS MEDIA*	22	165,404
382	OTITIS MEDIA, SUPPUR/NOS*	2,039	14,961,328
383	MASTOIDITIS ET AL*	2	16,671
384	DISORD TYMPANIC MEMB NEC*	31	263,652
386	VERTIGINOUS SYNDROMES*	65	496,060
388	DISORDERS OF EAR NEC*	364	2,857,981
389	HEARING LOSS*	280	2,395,119
401	ESSENTIAL HYPERTENSION*	5,127	40,195,848
410	ACUTE MYOCARDIAL INFARCT*	196	1,565,369
411	OTH AC ISCHEMIC HRT DIS*	17	160,113
412	OLD MYOCARDIAL INFARCT	48	422,716
413	ANGINA PECTORIS*	166	1,361,037
414	OTH CHR ISCHEMIC HRT DIS*	127	1,016,445
415	ACUTE PULMONARY HRT DIS*	17	179,272
416	CHR PULMONARY HEART DIS*	6	38,813
423	OTH PERICARDIAL DISEASE*	5	37,466
424	OTH ENDOCARDIAL DISEASE*	168	1,488,321
425	CARDIOMYOPATHY*	16	127,630
426	CONDUCTION DISORDERS*	8	100,743
427	CARDIAC DYSRHYTHMIAS*	490	4,402,060
428	HEART FAILURE*	242	1,869,487
429	ILL-DEFINED HEART DIS*	864	6,715,065
433	PRECEREBRAL OCCLUSION*	37	287,327
434	CEREBRAL ARTERY OCCLUS*	8	71,603
435	TRANSIENT CEREB ISCHEMIA*	28	205,753
436	CVA	304	2,377,221
437	OTH CEREBROVASC DISEASE*	15	86,652
438	LATE EFF CEREBROVASC DIS*	16	115,055
440	ATHEROSCLEROSIS*	46	369,263

NOTE: ' \* ' indicates collapsing of fully specified codes to 3-digit code categories. See Section 2.6.2 for additional information.

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

ICD9CODX VALUE	LABEL	UNWEIGHTED	WEIGHTED BY PERWT02F
441	AORTIC ANEURYSM*	18	147,646
442	OTHER ANEURYSM*	32	265,849
443	OTH PERIPH VASCULAR DIS*	18	162,991
444	ARTERIAL EMBOLISM*	138	1,040,500
446	POLYARTERIT NODOSA ET AL*	10	89,480
447	OTHER ARTERIAL DISEASE*	51	439,798
448	DISEASE OF CAPILLARIES*	10	98,896
451	THROMBOPHLEBITIS*	19	168,273
453	OTH VENOUS THROMBOSIS*	76	676,036
454	VARICOSE VEINS, LEG*	60	462,654
455	HEMORRHOIDS*	175	1,474,725
456	VARICOSE VEINS NEC*	1	8,720
457	NONINFECT LYMPHATIC DIS*	16	124,251
458	HYPOTENSION*	73	554,385
459	OTH CIRCULATORY DISEASE*	268	1,996,352
460	ACUTE NASOPHARYNGITIS	5,654	42,696,525
461	ACUTE SINUSITIS*	18	157,312
462	ACUTE PHARYNGITIS	897	6,774,879
463	ACUTE TONSILLITIS	176	1,129,527
464	AC LARYNGITIS/TRACHEITIS*	117	1,053,218
465	AC URI MULT SITES/NOS*	409	3,473,245
466	AC BRONCHITIS/BRONCHIOL*	49	380,533
470	DEVIATED NASAL SEPTUM	21	216,049
471	NASAL POLYPS*	14	149,341
472	CHR PHARYNG/NASOPHARYNG*	14	126,326
473	CHRONIC SINUSITIS*	1,965	17,746,103
474	CHR T & A DIS*	75	487,066
475	PERITONSILLAR ABSCESS	4	31,477
477	ALLERGIC RHINITIS*	3,401	28,277,080
478	OTH UPPR RESPIRATORY DIS*	1,052	7,425,985
480	VIRAL PNEUMONIA*	13	104,929
485	BRONCHOPNEUMONIA ORG NOS	20	135,913
486	PNEUMONIA, ORGANISM NOS	655	5,091,504
487	INFLUENZA*	1,805	13,744,303
490	BRONCHITIS NOS	1,389	11,206,018
491	CHRONIC BRONCHITIS*	60	491,354
492	EMPHYSEMA*	233	1,678,627
493	ASTHMA*	2,159	15,374,588
496	CHR AIRWAY OBSTRUCT NEC	70	546,524
505	PNEUMOCONIOSIS NOS	10	68,816
511	PLEURISY*	57	449,380
512	PNEUMOTHORAX*	4	39,216
514	PULM CONGEST/HYPOSTASIS	103	821,233
515	POSTINFLAM PULM FIBROSIS	4	37,007
518	OTHER LUNG DISEASES*	154	1,105,032
519	OTH RESP SYSTEM DISEASES*	292	2,376,240
520	TOOTH DEVELOP/ERUPT DIS*	54	474,839
521	HARD TISSUE DIS OF TEETH*	79	567,852
522	PULP & PERIAPICAL DIS*	432	3,350,386
523	GINGIVAL/PERIODONTAL DIS*	193	1,656,255
524	DENTOFACIAL ANOMALIES*	63	621,079

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

ICD9CODX VALUE	LABEL	UNWEIGHTED	WEIGHTED BY PERWT02F
525	OTHER DENTAL DISORDER*	507	3,657,861
526	JAW DISEASES*	26	253,121
527	SALIVARY GLAND DISEASES*	28	294,536
528	ORAL SOFT TISSUE DISEASE*	114	928,883
529	TONGUE DISORDERS*	10	93,074
530	DISEASES OF ESOPHAGUS*	1,282	11,010,004
531	GASTRIC ULCER*	177	1,324,907
532	DUODENAL ULCER*	6	31,355
533	PEPTIC ULCER, SITE NOS*	14	107,487
535	GASTRITIS AND DUODENITIS*	220	1,178,151
536	STOMACH FUNCTION DISORD*	1,238	9,057,108
537	OTH GASTRODUODENAL DIS*	296	2,078,852
540	ACUTE APPENDICITIS*	9	99,775
541	APPENDICITIS NOS	42	343,674
550	INGUINAL HERNIA*	15	115,339
552	OTH ABDOM HERNIA W OBSTR*	4	43,481
553	OTHER ABDOMINAL HERNIA*	354	2,806,793
555	REGIONAL ENTERITIS*	30	302,854
556	IDIOPATHIC PROCTOCOLITIS*	22	199,007
558	OTH NONINF GASTROENTERIT*	106	751,082
560	INTESTINAL OBSTRUCTION*	31	279,121
562	DIVERTICULA OF INTESTINE*	142	1,169,659
564	FUNCT DIGESTIVE DIS NEC*	389	3,168,406
565	ANAL FISSURE & FISTULA*	9	75,479
566	ANAL & RECTAL ABSCESS	3	22,248
567	PERITONITIS*	4	28,570
568	OTH PERITONEAL DISORDERS*	8	72,661
569	OTH INTESTINAL DISORDERS*	178	1,438,601
571	CHR LIVER DIS/CIRRHOSIS*	30	210,990
572	SEQUELA OF CHR LIVER DIS*	4	25,139
573	OTH LIVER DISORDERS*	95	623,611
574	CHOLELITHIASIS*	108	815,802
575	OTH GALLBLADDER DISORDER*	171	1,357,328
576	OTH DIS OF BILIARY TRACT*	4	26,072
577	DISEASES OF PANCREAS*	46	335,841
578	GASTROINTESTINAL HEMORR*	69	515,116
579	INTESTINAL MALABSORPTION*	6	69,456
583	NEPHRITIS NOS*	4	28,733
585	CHRONIC RENAL FAILURE	8	53,115
586	RENAL FAILURE NOS	97	617,739
590	KIDNEY INFECTION*	178	1,224,305
592	RENAL/URETERAL CALCULUS*	240	2,016,896
593	OTH RENAL & URETERAL DIS*	209	1,443,210
595	CYSTITIS*	384	3,004,479
596	OTHER BLADDER DISORDERS*	187	1,543,232
597	URETHRITIS/URETHRAL SYND*	3	16,593
599	OTH URINARY TRACT DISOR*	643	5,020,803
600	HYPERPLASIA OF PROSTATE*	118	1,082,094
601	PROSTATIC INFLAMMATION*	50	430,740
602	OTH PROSTATIC DISORDERS*	197	1,713,075
604	ORCHITIS & EPIDIDYMITIS*	7	52,076

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

ICD9CODX VALUE	LABEL	UNWEIGHTED	WEIGHTED BY PERWT02F
607	DISORDERS OF PENIS*	22	152,067
608	MALE GENITAL DIS NEC*	42	408,713
610	BENIGN MAMMARY DYSPLASIA*	102	837,927
611	OTHER BREAST DISORDERS*	290	2,267,385
614	FEMALE PELVIC INFLAM DIS*	14	86,225
615	UTERINE INFLAMMATORY DIS*	7	64,123
616	OTH FEMALE GEN INFLAM*	108	776,073
617	ENDOMETRIOSIS*	50	461,934
618	GENITAL PROLAPSE*	28	256,633
620	NONINFLAM DIS OVAR/ADNEX*	151	1,101,137
621	DISORDERS OF UTERUS NEC*	33	285,761
622	NONINFLAMM DIS CERVIX*	47	387,484
623	NONINFLAMM DIS VAGINA*	91	770,203
625	FEMALE GENITAL SYMPTOMS*	286	2,113,332
626	DISORDER OF MENSTRUATION*	273	2,184,494
627	MENOPAUSAL DISORDERS*	629	5,426,491
628	FEMALE INFERTILITY*	29	352,021
629	OTH FEMALE GENITAL DIS*	46	339,699
633	ECTOPIC PREGNANCY*	4	35,902
634	SPONTANEOUS ABORTION*	67	417,512
637	UNSPECIFIED ABORTION*	11	55,930
640	HEMORRHAGE IN EARLY PREG*	2	7,138
641	ANTEPART HEM & PLAC PREV*	4	21,140
642	HYPERTENSION COMPL PREG*	4	37,986
643	EXCESS VOMITING IN PREG*	7	50,572
644	EARLY/THREATENED LABOR*	21	158,568
646	OTHER COMPL OF PREGNANCY*	22	129,010
648	OTH CURRENT COND IN PREG*	62	517,628
650	NORMAL DELIVERY	86	616,829
669	OTH COMPL LABOR/DELIVERY*	51	334,823
674	PUERPERAL COMPL NEC/NOS*	4	27,721
680	CARBUNCLE AND FURUNCLE*	52	391,578
681	CELLULITIS, FINGER/TOE*	40	351,915
682	OTHER CELLULITIS/ABSCESS*	74	610,403
683	ACUTE LYMPHADENITIS	8	75,658
684	IMPETIGO	30	235,246
686	OTH LOCAL SKIN INFECTION*	281	2,125,791
690	ERYTHEMATOSQUAMOUS DERM*	14	172,225
691	ATOPIC DERMATITIS*	34	280,387
692	CONTACT DERMATITIS*	588	5,036,224
693	DERMAT D/T INTERN AGENT*	42	358,966
695	ERYTHEMATOUS CONDITIONS*	131	1,323,849
696	PSORIASIS/LIKE DISORDERS*	136	1,272,870
697	LICHEN*	3	26,986
698	PRURITUS & LIKE COND*	77	596,904
700	CORNS AND CALLOSITIES	97	978,315
701	OTH SKIN HYPERTRO/ATROPH*	162	1,617,950
702	OTHER DERMATOSES*	16	169,037
703	DISEASES OF NAIL*	255	2,206,866
704	HAIR & FOLLICLE DISEASE*	83	811,235
705	DISORDERS OF SWEAT GLAND*	19	160,874

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

ICD9CODX VALUE	LABEL	UNWEIGHTED	WEIGHTED BY PERWT02F
706	SEBACEOUS GLAND DISEASE*	698	6,379,874
707	CHRONIC ULCER OF SKIN*	215	1,500,655
708	URTICARIA*	79	751,404
709	OTHER SKIN DISORDERS*	475	4,171,897
710	DIFF CONNECTIVE TISS DIS*	91	722,064
711	ARTHROPATHY W INFECTION*	27	185,465
714	OTH INFLAMM POLYARTHROP*	155	1,203,319
715	OSTEOARTHRISIS ET AL*	256	2,243,896
716	ARTHROPATHIES NEC/NOS*	2,524	19,724,003
717	INTERNAL DERANGEMNT KNEE*	26	208,298
718	OTHER JOINT DERANGEMENT*	24	219,915
719	JOINT DISORDER NEC & NOS*	1,558	12,649,563
720	INFLAM SPONDYLOPATHIES*	14	128,615
721	SPONDYLOSIS ET AL*	137	1,193,562
722	INTERVERTEBRAL DISC DIS*	582	5,097,604
723	OTHER CERVICAL SPINE DIS*	363	3,117,961
724	BACK DISORDER NEC & NOS*	2,404	19,964,605
725	POLYMYALGIA RHEUMATICA	13	131,290
726	PERIPH ENTHESOPATHIES*	607	5,651,201
727	OTH DIS SYNOV/TEND/BURSA*	281	2,518,850
728	DIS OF MUSCLE/LIG/FASCIA*	291	2,312,367
729	OTHER SOFT TISSUE DIS*	1,261	9,742,603
730	OSTEOMYELITIS*	16	141,557
731	OSTEITIS DEFORMANS*	7	80,389
732	OSTEOCHONDROPATHIES*	14	106,813
733	OTH BONE & CARTILAGE DIS*	748	6,326,140
734	FLAT FOOT	49	391,687
735	ACQ DEFORMITIES OF TOE*	40	325,325
736	OTH ACQ LIMB DEFORMITIES*	36	303,059
737	CURVATURE OF SPINE*	131	1,050,081
738	OTHER ACQUIRED DEFORMITY*	35	264,158
741	SPINA BIFIDA*	16	127,397
742	OTH NERVOUS SYSTEM ANOM*	4	30,895
743	CONGENITAL EYE ANOMALY*	5	37,953
745	CARDIAC SEPTAL CLOS ANOM*	6	68,849
746	OTHER CONGEN HEART ANOM*	15	142,643
747	OTH CONG CIRC SYST ANOM*	9	82,010
749	CLEFT PALATE & CLEFT LIP*	11	40,973
750	OTHER UPPER GI ANOMALY*	10	81,487
752	GENITAL ORGAN ANOMALIES*	9	58,747
753	URINARY SYSTEM ANOMALIES*	30	209,318
754	CONG MUSCULOSKEL DEFORM*	17	127,672
755	OTH CONGEN LIMB ANOMALY*	16	127,795
756	OTH MUSCULOSKELET ANOMAL*	25	268,269
757	CONGEN SKIN ANOMALIES*	10	84,895
758	CHROMOSOMAL ANOMALIES*	14	77,727
759	CONGEN ANOMALIES NEC/NOS*	27	187,482
765	SHORT GESTATION AND LOW WT*	24	150,075
767	BIRTH TRAUMA*	4	18,634
770	OTH NB RESPIRATORY COND*	4	29,827
774	OTHER PERINATAL JAUNDICE*	5	39,305

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

ICD9CODX VALUE	LABEL	UNWEIGHTED	WEIGHTED BY PERWT02F
779	OTH PERINATAL CONDITION*	7	47,640
780	GENERAL SYMPTOMS*	3,286	24,601,102
781	NERV/MUSCULSKEL SYS SYMP*	117	921,725
782	SKIN/OTH INTEGUMENT SYMP*	1,489	11,905,296
783	NUTRIT/METAB/DEVEL SYMP*	119	967,310
784	SYMPTOMS INVOL HEAD/NECK*	1,248	9,212,250
785	CARDIOVASCULAR SYS SYMP*	471	3,888,411
786	RESP SYS/OTH CHEST SYMP*	1,643	11,815,292
787	GI SYSTEM SYMPTOMS*	890	6,454,637
788	URINARY SYSTEM SYMPTOMS*	271	2,373,548
789	OTH ABDOMEN/PELVIS SYMP*	294	2,160,124
790	ABNORMAL BLOOD FINDINGS*	212	1,805,123
791	ABNORMAL URINE FINDINGS*	17	156,307
792	ABN FIND-OTH BODY SUBST*	9	66,945
793	ABN FIND-BODY STRUCT NOS*	37	370,373
794	ABNORMAL FUNCTION STUDY*	30	272,990
795	ABN HISTOLOG/IMMUNO FIND*	98	811,259
796	OTHER ABNORMAL FINDINGS*	51	394,618
797	SENILITY W/O PSYCHOSIS	122	816,172
799	OTH ILL-DEF MORBID/MORTL*	267	2,089,740
802	FRACTURE OF FACE BONES*	41	362,396
803	OTHER SKULL FRACTURE*	8	66,754
805	VERTEBRAL FX W/O CORD INJ*	79	604,044
807	FX RIB/STERN/LARYN/TRACH*	75	559,829
808	PELVIC FRACTURE*	23	153,999
810	CLAVICLE FRACTURE*	24	167,514
812	HUMERUS FRACTURE*	53	513,152
813	RADIUS & ULNA FRACTURE*	23	216,340
814	CARPAL FRACTURE*	92	747,206
815	METACARPAL FRACTURE*	39	289,694
816	FRACTURE PHALANGES, HAND*	104	806,519
818	FRACTURE ARM MULT/NOS*	92	749,527
820	FRACTURE NECK OF FEMUR*	59	569,011
821	OTHER FEMORAL FRACTURE*	15	125,663
822	PATELLA FRACTURE*	28	242,570
823	TIBIA & FIBULA FRACTURE*	23	171,181
824	ANKLE FRACTURE*	89	725,750
825	FX OF TARSAL/METATARSAL*	90	728,461
826	FRACTURE PHALANGES, FOOT*	87	723,680
827	LOWER LIMB FRACTURE NEC*	51	375,819
828	FX LEGS W ARM/RIB*	5	28,992
829	FRACTURE NOS*	11	84,541
831	SHOULDER DISLOCATION*	53	519,902
832	ELBOW DISLOCATION*	16	137,833
834	DISLOCATION OF FINGER*	11	91,978
835	DISLOCATION OF HIP*	27	221,655
836	DISLOCATION OF KNEE*	85	784,337
838	DISLOCATION OF FOOT*	4	31,659
839	DISLOCATION NEC*	71	594,882
840	SPRAIN SHOULDER & ARM*	234	2,129,453
841	SPRAIN ELBOW & FOREARM*	17	178,626

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

ICD9CODX VALUE	LABEL	UNWEIGHTED	WEIGHTED BY PERWT02F
842	SPRAIN WRIST & HAND*	124	1,072,314
843	SPRAIN OF HIP & THIGH*	44	417,224
844	SPRAIN OF KNEE & LEG*	211	1,894,113
845	SPRAIN OF ANKLE & FOOT*	462	3,652,551
846	SPRAIN SACROILIAC REGION*	54	506,098
847	SPRAIN OF BACK NEC/NOS*	474	3,951,732
848	SPRAIN NEC*	166	1,394,399
850	CONCUSSION*	69	613,650
854	OTHER BRAIN INJURY*	74	557,303
862	INTRATHORACIC INJURY NEC*	4	34,874
863	GI TRACT INJURY*	6	61,530
869	INTERNAL INJURY NOS*	19	134,079
870	OCULAR ADNEXA OPEN WOUND*	5	56,612
871	EYEBALL OPEN WOUND*	20	160,069
872	OPEN WOUND OF EAR*	11	81,981
873	OTHER OPEN WOUND OF HEAD*	366	3,133,658
874	OPEN WOUND OF NECK*	7	53,100
876	OPEN WOUND OF BACK*	8	47,629
879	OPEN WOUND SITE NEC*	87	723,199
880	OPN WND SHOULDR/UPPR ARM*	4	15,275
881	OPEN WOUND OF LOWER ARM*	38	320,942
882	OPEN WOUND OF HAND*	110	857,755
883	OPEN WOUND OF FINGER*	224	1,929,355
884	OPEN WOUND ARM MULT/NOS*	30	226,205
886	TRAUM AMPUTATION FINGER*	10	88,688
890	OPEN WOUND OF HIP/THIGH*	9	88,062
891	OPEN WND KNEE/LEG/ANKLE*	84	615,703
892	OPEN WOUND OF FOOT*	54	404,242
893	OPEN WOUND OF TOE*	21	211,571
903	ARM BLOOD VESSEL INJURY*	3	35,768
904	BLOOD VESSEL INJURY NEC*	8	76,097
908	LATE EFF INJURY NEC/NOS*	5	30,953
910	SUPERFICIAL INJURY HEAD*	38	319,291
911	SUPERFICIAL INJURY TRUNK*	9	46,427
912	SUPERFIC INJ SHOULDR/ARM*	3	33,190
913	SUPERFICIAL INJ FOREARM*	12	86,091
914	SUPERFICIAL INJ OF HAND*	14	102,755
915	SUPERFICIAL INJ FINGER*	12	101,733
916	SUPERFICIAL INJ HIP/LEG*	54	381,805
917	SUPERFICIAL INJ FOOT/TOE*	25	184,277
918	SUPERFIC INJ EYE/ADNEXA*	74	638,630
919	SUPERFICIAL INJ OTH SITE*	90	703,012
920	CONTUSION FACE/SCALP/NCK	61	478,667
921	CONTUSION EYE & ADNEXA*	92	737,990
922	CONTUSION OF TRUNK*	92	725,629
923	CONTUSION OF UPPER LIMB*	98	766,128
924	CONTUSION LEG & OTH SITE*	197	1,602,581
927	CRUSHING INJ UPPER LIMB*	12	127,960
928	CRUSHING INJURY OF LEG*	8	82,910
929	CRUSH INJ MULT/UNSP SITE*	4	30,860
930	FOREIGN BODY EXTERN EYE*	45	409,456

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

ICD9CODX VALUE	LABEL	UNWEIGHTED	WEIGHTED BY PERWT02F
931	FOREIGN BODY IN EAR	19	124,484
932	FOREIGN BODY IN NOSE	5	18,277
933	FB PHARYNX & LARYNX*	15	124,758
935	FB MOUTH/ESOPHAG/STOMACH*	3	29,345
938	FOREIGN BODY GI NOS	3	15,312
940	BURN OF EYE & ADNEXA*	9	81,124
941	BURN OF HEAD/FACE/NECK*	11	72,162
942	BURN OF TRUNK*	5	30,618
943	BURN OF ARM*	25	201,392
944	BURN OF HAND & WRIST*	38	325,996
945	BURN OF LEG*	22	167,659
949	BURN UNSPECIFIED*	16	118,277
952	SPINAL CORD INJ W/O FX*	29	272,742
953	INJ NERVE ROOT/SPIN PLEX*	8	74,224
955	INJ PERIPH NERV SHLD/ARM*	10	62,167
956	INJ PERIPH NERV PELV/LEG*	22	200,745
957	INJURY TO NERVE NEC/NOS*	13	125,813
958	EARLY COMPLIC OF TRAUMA*	5	40,110
959	INJURY NEC/NOS*	1,610	12,634,540
977	POIS-MEDICINAL NEC/NOS*	37	325,751
980	ALCOHOL TOXICITY*	4	17,428
983	TOXIC EFFECT CAUSTICS*	6	53,128
984	TOXIC EFF LEAD & COMPND*	7	29,159
985	TOXIC EFFECT OTH METALS*	4	45,508
987	TOXIDE EFF GAS/VAPOR NEC*	12	93,549
989	TOX EFF OTH NONMED SUBST*	130	1,060,621
990	EFFECTS RADIATION NOS	6	60,734
992	EFFECT OF HEAT/LIGHT*	27	219,025
994	EFFECT EXTERNAL CAUS NEC*	22	152,089
995	CERTAIN ADVERSE EFF NEC*	314	2,649,025
996	REPLACE & GRAFT COMPLIC*	58	509,374
997	SURG COMPL-BODY SYST NEC*	9	85,730
998	OTH SURGICAL COMPL NEC*	68	488,810
999	COMPLIC MEDICAL CARE NEC*	10	50,129
V01	COMMUNICABLE DIS CONTACT*	14	98,368
V03	VACCIN FOR BACTERIAL DIS*	4	28,890
V04	VACCIN FOR VIRAL DISEASE*	32	281,783
V05	OTH VACCIN FOR SINGL DIS*	34	222,925
V06	VAC FOR DIS COMBINATION*	17	91,250
V07	PROPHYLACTIC MEASURES*	246	2,179,079
V08	ASYMP HIV INFECTN STATUS	12	61,218
V10	HX OF MALIGNANT NEOPLASM*	60	542,314
V12	HX OF DISEASE NEC*	71	655,965
V13	HX OF OTHER DISEASES*	10	91,419
V15	OTH HX OF HEALTH HAZARDS*	55	455,942
V16	FAMILY HX-MALIGNANCY*	10	101,713
V19	FAM HX-OTHER CONDITIONS*	5	44,043
V20	HEALTH SUPERVISION CHILD*	77	543,943
V22	NORMAL PREGNANCY*	1,263	8,352,643
V24	POSTPARTUM CARE/EXAM*	53	374,664
V25	CONTRACEPTIVE MANAGEMENT*	742	6,407,394

NOTE: ' \* ' indicates collapsing of fully specified codes to 3-digit code categories. See Section 2.6.2 for additional information.

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

ICD9CODX VALUE	LABEL	UNWEIGHTED	WEIGHTED BY PERWT02F
V26	PROCREATIVE MANAGEMENT*	34	320,011
V30	SINGLE LIVEBORN*	86	585,315
V40	MENTAL/BEHAVIORAL PROB*	94	735,315
V41	PROB W SPECIAL FUNCTIONS*	136	1,034,900
V42	ORGAN TRANSPLANT STATUS*	8	67,753
V43	ORGAN REPLACEMENT NEC*	38	322,680
V44	ARTIFICIAL OPNING STATUS*	6	18,267
V45	OTH POSTSURGICAL STATES*	138	1,166,265
V47	OTH PROBL W INTERNAL ORG*	63	457,151
V48	HEAD/NECK/TRUNK PROBLEMS*	17	130,147
V49	LIMB PROBLEM/PROBLEM NEC*	42	341,346
V50	OTHER ELECTIVE SURGERY*	19	110,011
V52	FITTING OF PROSTHESIS*	21	191,206
V53	ADJUSTMENT OF OTH DEVICE*	71	607,407
V54	OTH ORTHOPEDIC AFTERCARE*	10	55,807
V55	ATTEN TO ARTIFICIAL OPEN*	7	72,687
V56	DIALYSIS ENCOUNTER*	17	97,448
V57	REHABILITATION PROCEDURE*	35	315,747
V58	ENCOUNTR PROC/AFTRCR NEC*	64	539,322
V61	OTH FAMILY CIRCUMSTANCES*	40	308,287
V62	OTH PSYCHOSOCIAL CIRCUM*	35	301,487
V65	OTHER REASON FOR CONSULT*	180	1,426,860
V66	CONVALESCENCE*	7	69,638
V67	FOLLOW-UP EXAMINATION*	221	1,880,724
V68	ADMINISTRATIVE ENCOUNTER*	1,954	16,445,111
V69	PROB RELATED TO LIFESTYLE*	18	158,411
V70	GENERAL MEDICAL EXAM*	493	3,490,857
V71	OBSERVATION-SUSPECT COND*	196	1,444,859
V72	SPECIAL EXAMINATIONS*	1,011	8,718,011
V74	SCREENING-BACTERIAL DIS*	19	122,934
V75	SCREEN-OTH INFECTIVE DIS*	3	21,157
V76	SCREENING-MALIG NEOPLASM*	143	1,161,913
V77	SCREEN-ENDO/NUTR/METAB*	508	4,238,966
V78	SCREENING FOR BLOOD DIS*	5	36,696
V80	SCREEN-NEURO/EYE/EAR DIS*	19	151,964
V81	SCREEN-HEART/RESP/GU DIS*	474	3,802,628
V82	SCREEN-OTHER CONDITIONS*	57	499,500
	TOTAL	120,795	966,267,153

NOTE: ' \* ' indicates collapsing of fully specified codes to 3-digit code categories. See Section 2.6.2 for additional information.

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

ICD9PROX VALUE	LABEL	UNWEIGHTED	WEIGHTED BY PERWT02F
-1	INAPPLICABLE	117,369	937,568,123
02	OTHER SKULL/BRAIN OPS*	2	14,361
03	SPINAL CORD & CANAL OPS*	20	154,391
04	CRAN & PERIPH NERVE OPS*	11	84,317
06	THYROID/PARATHYROID OPS*	27	211,800
08	EYELID OPERATIONS*	6	46,953
09	LACRIMAL SYSTEM OP*	3	16,681
11	OPERATIONS ON CORNEA*	18	178,073
12	ANTERIOR SEGMENT OPS*	1	4,541
13	OPERATIONS ON LENS*	117	986,902
14	POSTERIOR SEGMENT OPS*	3	31,671
16	ORBIT/EYEBALL OPS*	47	345,314
18	EXTERNAL EAR OPERATIONS*	8	39,826
20	OTHER MID & INNER EAR OP*	52	418,592
21	OPERATIONS ON NOSE*	15	125,075
22	NASAL SINUS OPERATIONS*	13	112,516
23	TOOTH REMOVAL & RESTORAT*	674	5,708,823
24	OTH OPS ON TEETH & GUMS*	55	413,055
27	OTHER MOUTH & FACE OPS*	33	267,695
28	TONSIL & ADENOID OPS*	47	368,150
31	LARYNX TRACHEA OPS NEC*	5	53,141
33	OTHER BRONCHIAL/LUNG OPS*	5	42,874
34	THORAX OPS EXCEPT LUNG*	2	13,173
35	HEART VALVES & SEPTA OPS*	7	72,391
36	OPS ON HEART VESSELS*	82	712,322
37	OTHER HEART/PERICARD OPS*	48	367,825
38	VESSEL INC/EXCIS/OCLUS*	18	127,386
39	OTHER OPS ON VESSELS*	67	503,656
40	LYMPHATIC SYSTEM OPS*	1	5,219
44	OTHER GASTRIC OPERATIONS*	24	157,231
45	INTEST INCIS/EXCIS/ANAST*	100	883,950
46	OTHER INTESTINAL OPS*	19	130,373
47	OPERATIONS ON APPENDIX*	21	159,401
49	OPERATIONS ON ANUS*	8	60,985
51	BILIARY TRACT OPERATION*	79	642,240
53	REPAIR OF HERNIA*	32	241,082
54	OTHER ABDOMEN REGION OPS*	8	57,977
55	OPERATIONS ON KIDNEY*	25	198,955
57	URINARY BLADDER OPS*	21	135,066
59	OTHER URINARY TRACT OPS*	2	14,559
60	PROSTATE & SEMIN VES OPS*	23	199,909
62	OPERATIONS ON TESTES*	5	49,129
63	SPERM CORD/EPID/VAS OPS*	32	264,809
64	OPERATIONS ON PENIS*	10	33,860
65	OPERATIONS ON OVARY*	6	36,980
66	FALLOPIAN TUBE OPERATION*	29	207,973
67	OPERATIONS ON CERVIX*	12	89,865
68	OTHER UTERINE INCIS/EXC*	126	989,659
69	OTHER UTERUS/SUPPORT OPS*	24	205,781
70	VAGINA & CUL-DE-SAC OPS*	16	131,923
73	ASSIST/INDUCE DELIV NEC*	11	78,527

NOTE: ' \* ' indicates collapsing of fully specified codes to 2-digit code categories. See Section 2.6.2 for additional information.

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

ICD9PROX VALUE	LABEL	UNWEIGHTED	WEIGHTED BY PERWT02F
74	C-SECTION/REMOVAL FETUS*	19	134,517
76	FACIAL BONE & JOINT OPS*	3	19,538
77	INCIS/EXCIS/DIV BONE NEC*	25	204,206
78	OTH BONE OPS EXCPT FACE*	17	171,349
80	INCISION/EXCISION JOINT*	24	178,455
81	JOINT REPAIR*	204	1,650,352
82	HAND MUSCL/TEND/FASC OPS*	8	80,292
83	OTHER MUS/TEN/FAS/BUR OP*	19	208,064
84	OTHER MUSCULOSKELET PROC*	31	215,612
85	OPERATIONS ON THE BREAST*	69	598,924
86	SKIN & SUBQ OPERATIONS*	474	4,478,632
87	DIAGNOSTIC RADIOLOGY*	92	759,381
88	OTHER DX RADIOLOGY*	64	539,050
89	INTERVIEW/CONSULT/EXAM*	41	389,566
91	MICROSCOPIC EXAM--II*	3	16,365
92	NUCLEAR MEDICINE*	11	109,231
93	PT, REHAB & RELATED PROC*	97	911,923
94	PSYCHE RELATED PROCEDURE*	25	224,961
95	EYE & EAR DX/TREATMENT*	16	135,625
96	NON-OP INTUBAT & IRRIGAT*	33	378,829
97	REPLACE & REMOV DEVICES*	16	96,525
98	NONOP REMOVE FOREIGN BOD*	13	118,041
99	OTHER NONOPERATIVE PROC*	102	682,638
	TOTAL	120,795	966,267,153

NOTE: ' \* ' indicates collapsing of fully specified codes to 2-digit code categories. See Section 2.6.2 for additional information.

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

CCCODEX VALUE	LABEL	UNWEIGHTED	WEIGHTED BY PERWT02F
-1	INAPPLICABLE	2,395	19,898,076
-9	NOT ASCERTAINED	813	6,151,805
001	TUBERCULOSIS	29	146,656
002	SEPTICEMIA (EXCEPT IN LABOR)	34	257,505
003	BACTERIAL INFECTION, UNSPECIFIED SIT	201	1,691,844
004	MYCOSES	735	6,118,142
005	HIV INFECTION	49	304,039
006	HEPATITIS	97	704,334
007	VIRAL INFECTION	1,629	14,131,871
008	OTHER INFECTIONS, INCLUDING PARASITI	252	1,700,636
009	SEXUALLY TRANSMITTED INFECTIONS (NOT	10	106,233
010	IMMUNIZATIONS AND SCREENING FOR INFE	135	925,921
011	CANCER OF HEAD AND NECK	36	320,878
013	CANCER OF STOMACH	9	72,291
014	CANCER OF COLON	54	446,970
015	CANCER OF RECTUM AND ANUS	3	21,319
016	CANCER OF LIVER AND INTRAHEPATIC BIL	7	60,401
019	CANCER OF BRONCHUS, LUNG	54	445,697
021	CANCER OF BONE AND CONNECTIVE TISSUE	14	110,548
022	MELANOMAS OF SKIN	53	514,850
023	OTHER NON-EPITHELIAL CANCER OF SKIN	375	3,631,727
024	CANCER OF BREAST	174	1,546,154
025	CANCER OF UTERUS	12	99,305
026	CANCER OF CERVIX	41	393,245
027	CANCER OF OVARY	6	19,135
028	CANCER OF OTHER FEMALE GENITAL ORGAN	9	48,558
029	CANCER OF PROSTATE	125	1,198,554
030	CANCER OF TESTIS	4	40,311
032	CANCER OF BLADDER	23	216,621
033	CANCER OF KIDNEY AND RENAL PELVIS	11	77,827
035	CANCER OF BRAIN AND NERVOUS SYSTEM	15	158,789
036	CANCER OF THYROID	12	112,060
037	HODGKIN'S DISEASE	12	130,172
038	NON-HODGKIN'S LYMPHOMA	23	200,744
039	LEUKEMIAS	33	278,849
040	MULTIPLE MYELOMA	7	60,806
041	CANCER, OTHER AND UNSPECIFIED PRIMAR	93	772,583
042	SECONDARY MALIGNANCIES	5	28,474
043	MALIGNANT NEOPLASM WITHOUT SPECIFICA	93	771,903
044	NEOPLASMS OF UNSPECIFIED NATURE OR U	348	3,074,218
045	MAINTENANCE CHEMOTHERAPY, RADIOThERA	14	90,572
046	BENIGN NEOPLASM OF UTERUS	34	321,714
047	OTHER AND UNSPECIFIED BENIGN NEOPLAS	575	5,482,778
048	THYROID DISORDERS	1,464	12,309,004
049	DIABETES MELLITUS WITHOUT COMPLICATI	2,175	15,334,148
050	DIABETES MELLITUS WITH COMPLICATIONS	73	607,807
051	OTHER ENDOCRINE DISORDERS	463	3,955,551
052	NUTRITIONAL DEFICIENCIES	48	445,565
053	DISORDERS OF LIPID METABOLISM	2,542	21,575,894
054	GOUT AND OTHER CRYSTAL ARTHROPATHIES	308	2,678,392
055	FLUID AND ELECTROLYTE DISORDERS	654	4,949,350

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

CCCODEX VALUE	LABEL	UNWEIGHTED	WEIGHTED BY PERWT02F
056	CYSTIC FIBROSIS	7	64,854
057	IMMUNITY DISORDERS	25	229,649
058	OTHER NUTRITIONAL, ENDOCRINE, AND ME	324	2,557,102
059	DEFICIENCY AND OTHER ANEMIA	460	3,192,948
061	SICKLE CELL ANEMIA	16	93,834
062	COAGULATION AND HEMORRHAGIC DISORDER	27	238,240
063	DISEASES OF WHITE BLOOD CELLS	20	158,943
064	OTHER HEMATOLOGIC CONDITIONS	73	545,751
065	MENTAL RETARDATION	27	153,301
066	ALCOHOL-RELATED MENTAL DISORDERS	63	563,362
067	SUBSTANCE-RELATED MENTAL DISORDERS	73	660,347
068	SENILITY AND ORGANIC MENTAL DISORDER	261	2,075,738
069	AFFECTIVE DISORDERS	359	2,949,253
070	SCHIZOPHRENIA AND RELATED DISORDERS	98	746,695
071	OTHER PSYCHOSES	44	355,999
072	ANXIETY, SOMATOFORM, DISSOCIATIVE, A	2,342	19,034,619
073	PREADULT DISORDERS	508	3,649,007
074	OTHER MENTAL CONDITIONS	2,961	23,253,054
075	PERSONAL HISTORY OF MENTAL DISORDER,	135	1,054,875
076	MENINGITIS (EXCEPT THAT CAUSED BY TU	26	209,677
077	ENCEPHALITIS (EXCEPT THAT CAUSED BY	4	35,782
078	OTHER CNS INFECTION AND POLIOMYELITI	11	81,615
079	PARKINSON'S DISEASE	61	591,091
080	MULTIPLE SCLEROSIS	54	511,931
081	OTHER HEREDITARY AND DEGENERATIVE NE	77	631,601
082	PARALYSIS	68	494,102
083	EPILEPSY, CONVULSIONS	390	2,741,249
084	HEADACHE, INCLUDING MIGRAINE	1,845	14,166,697
085	COMA, STUPOR, AND BRAIN DAMAGE	9	43,692
086	CATARACT	604	5,156,663
087	RETINAL DETACHMENTS, DEFECTS, VASCUL	188	1,755,661
088	GLAUCOMA	457	3,788,054
089	BLINDNESS AND VISION DEFECTS	703	6,186,813
090	INFLAMMATION, INFECTION OF EYE (EXCE	626	4,934,118
091	OTHER EYE DISORDERS	779	6,633,793
092	OTITIS MEDIA AND RELATED CONDITIONS	2,094	15,407,055
093	CONDITIONS ASSOCIATED WITH DIZZINESS	441	3,358,707
094	OTHER EAR AND SENSE ORGAN DISORDERS	861	7,117,846
095	OTHER NERVOUS SYSTEM DISORDERS	1,083	8,719,314
096	HEART VALVE DISORDERS	346	2,836,306
097	PERI-, ENDO-, AND MYOCARDITIS, CARDI	25	184,038
098	ESSENTIAL HYPERTENSION	5,126	40,178,953
099	HYPERTENSION WITH COMPLICATIONS AND	4	27,551
100	ACUTE MYOCARDIAL INFARCTION	196	1,565,369
101	CORONARY ATHEROSCLEROSIS AND OTHER H	389	3,216,421
102	NONSPECIFIC CHEST PAIN	536	4,147,865
103	PULMONARY HEART DISEASE	23	218,085
104	OTHER AND ILL-DEFINED HEART DISEASE	864	6,716,537
105	CONDUCTION DISORDERS	74	682,460
106	CARDIAC DYSRHYTHMIAS	664	5,882,730
107	CARDIAC ARREST AND VENTRICULAR FIBRI	31	313,534

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

CCCODEX VALUE	LABEL	UNWEIGHTED	WEIGHTED BY PERWT02F
108	CONGESTIVE HEART FAILURE, NONHYPERTE	242	1,869,487
109	ACUTE CEREBROVASCULAR DISEASE	315	2,466,679
110	OCCCLUSION OR STENOSIS OF PRECEREBRAL	37	287,327
111	OTHER AND ILL-DEFINED CEREBROVASCULA	12	68,796
112	TRANSIENT CEREBRAL ISCHEMIA	28	205,753
113	LATE EFFECTS OF CEREBROVASCULAR DISE	16	115,055
114	PERIPHERAL AND VISCERAL ATHEROSCLERO	56	459,197
115	AORTIC, PERIPHERAL, AND VISCERAL ART	50	413,495
116	AORTIC AND PERIPHERAL ARTERIAL EMBOL	138	1,040,500
117	OTHER CIRCULATORY DISEASE	520	4,156,132
118	PHLEBITIS, THROMBOPHLEBITIS AND THRO	96	850,066
119	VARICOSE VEINS OF LOWER EXTREMITY	60	462,654
120	HEMORRHOIDS	175	1,474,725
121	OTHER DISEASES OF VEINS AND LYMPHATI	22	172,946
122	PNEUMONIA (EXCEPT THAT CAUSED BY TUB	691	5,357,684
123	INFLUENZA	1,805	13,744,303
124	ACUTE AND CHRONIC TONSILLITIS	255	1,648,070
125	ACUTE BRONCHITIS	49	380,533
126	OTHER UPPER RESPIRATORY INFECTIONS	9,894	78,772,317
127	CHRONIC OBSTRUCTIVE PULMONARY DISEAS	1,754	13,940,628
128	ASTHMA	2,159	15,374,588
130	PLEURISY, PNEUMOTHORAX, PULMONARY CO	72	552,396
131	RESPIRATORY FAILURE, INSUFFICIENCY,	12	107,880
132	LUNG DISEASE DUE TO EXTERNAL AGENTS	14	100,269
133	OTHER LOWER RESPIRATORY DISEASE	1,632	11,778,241
134	OTHER UPPER RESPIRATORY DISEASE	4,649	37,372,043
135	INTESTINAL INFECTION	3,910	31,108,308
136	DISORDERS OF TEETH AND JAW	1,662	13,256,066
137	DISEASES OF MOUTH, EXCLUDING DENTAL	152	1,316,494
138	ESOPHAGEAL DISORDERS	1,280	10,990,062
139	GASTRODUODENAL ULCER (EXCEPT HEMORRH	163	1,164,416
140	GASTRITIS AND DUODENITIS	220	1,178,151
141	OTHER DISORDERS OF STOMACH AND DUODE	1,532	11,123,246
142	APPENDICITIS AND OTHER APPENDICEAL C	56	469,049
143	ABDOMINAL HERNIA	373	2,965,613
144	REGIONAL ENTERITIS AND ULCERATIVE CO	52	501,861
145	INTESTINAL OBSTRUCTION WITHOUT HERNI	31	279,121
146	DIVERTICULOSIS AND DIVERTICULITIS	142	1,169,659
147	ANAL AND RECTAL CONDITIONS	37	307,911
148	PERITONITIS AND INTESTINAL ABSCESS	5	40,072
149	BILIARY TRACT DISEASE	283	2,199,202
151	OTHER LIVER DISEASES	175	1,215,320
152	PANCREATIC DISORDERS (NOT DIABETES)	46	335,841
153	GASTROINTESTINAL HEMORRHAGE	148	1,201,145
154	NONINFECTIOUS GASTROENTERITIS	105	749,767
155	OTHER GASTROINTESTINAL DISORDERS	1,151	8,832,045
156	NEPHRITIS, NEPHROSIS, RENAL SCLEROSI	5	41,987
157	ACUTE AND UNSPECIFIED RENAL FAILURE	100	651,892
158	CHRONIC RENAL FAILURE	32	192,679
159	URINARY TRACT INFECTIONS	1,104	8,491,059
160	CALCULUS OF URINARY TRACT	255	2,127,300

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

CCCODEX VALUE	LABEL	UNWEIGHTED	WEIGHTED BY PERWT02F
161	OTHER DISEASES OF KIDNEY AND URETERS	205	1,395,803
162	OTHER DISEASES OF BLADDER AND URETHR	191	1,581,318
163	GENITOURINARY SYMPTOMS AND ILL-DEFIN	403	3,412,378
164	HYPERPLASIA OF PROSTATE	118	1,082,094
165	INFLAMMATORY CONDITIONS OF MALE GENI	62	502,728
166	OTHER MALE GENITAL DISORDERS	259	2,274,914
167	NONMALIGNANT BREAST CONDITIONS	407	3,252,794
168	INFLAMMATORY DISEASES OF FEMALE PELV	129	926,421
169	ENDOMETRIOSIS	50	461,934
170	PROLAPSE OF FEMALE GENITAL ORGANS	28	256,633
171	MENSTRUAL DISORDERS	442	3,353,527
172	OVARIAN CYST	122	879,415
173	MENOPAUSAL DISORDERS	771	6,680,177
174	FEMALE INFERTILITY	29	352,021
175	OTHER FEMALE GENITAL DISORDERS	409	3,335,526
176	CONTRACEPTIVE AND PROCREATIVE MANAGE	776	6,727,405
177	SPONTANEOUS ABORTION	67	417,512
178	INDUCED ABORTION	11	55,930
180	ECTOPIC PREGNANCY	4	35,902
181	OTHER COMPLICATIONS OF PREGNANCY	66	452,811
182	HEMORRHAGE DURING PREGNANCY, ABRUPTI	6	28,277
183	HYPERTENSION COMPLICATING PREGNANCY,	4	37,986
184	EARLY OR THREATENED LABOR	21	158,568
186	DIABETES OR ABNORMAL GLUCOSE TOLERAN	20	209,571
195	OTHER COMPLICATIONS OF BIRTH, PUERPE	62	413,106
196	NORMAL PREGNANCY AND/OR DELIVERY	1,412	9,432,412
197	SKIN AND SUBCUTANEOUS TISSUE INFECTI	478	3,723,075
198	OTHER INFLAMMATORY CONDITION OF SKIN	364	3,426,670
199	CHRONIC ULCER OF SKIN	215	1,500,655
200	OTHER SKIN DISORDERS	2,619	22,952,337
201	INFECTIVE ARTHRITIS AND OSTEOMYELITI	43	327,022
202	RHEUMATOID ARTHRITIS AND RELATED DIS	159	1,248,142
203	OSTEOARTHRITIS	256	2,243,896
204	OTHER NON-TRAUMATIC JOINT DISORDERS	4,099	32,526,509
205	SPONDYLOSIS, INTERVERTEBRAL DISC DIS	3,496	29,457,523
206	OSTEOPOROSIS	486	4,181,921
207	PATHOLOGICAL FRACTURE	14	123,904
208	ACQUIRED FOOT DEFORMITIES	156	1,204,210
209	OTHER ACQUIRED DEFORMITIES	88	718,931
210	SYSTEMIC LUPUS ERYTHEMATOSUS AND CON	91	722,064
211	OTHER CONNECTIVE TISSUE DISEASE	2,499	20,786,626
212	OTHER BONE DISEASE AND MUSCULOSKELET	370	3,011,304
213	CARDIAC AND CIRCULATORY CONGENITAL A	30	293,502
214	DIGESTIVE CONGENITAL ANOMALIES	11	87,032
215	GENITOURINARY CONGENITAL ANOMALIES	39	268,065
216	NERVOUS SYSTEM CONGENITAL ANOMALIES	20	158,292
217	OTHER CONGENITAL ANOMALIES	123	940,036
218	LIVEBORN	86	585,315
219	SHORT GESTATION, LOW BIRTH WEIGHT, A	24	150,075
222	HEMOLYTIC JAUNDICE AND PERINATAL JAU	5	39,305
223	BIRTH TRAUMA	4	18,634

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

CCCODEX VALUE	LABEL	UNWEIGHTED	WEIGHTED BY PERWT02F
224	OTHER PERINATAL CONDITIONS	18	117,953
225	JOINT DISORDERS AND DISLOCATIONS, TR	299	2,645,357
226	FRACTURE OF NECK OF FEMUR (HIP)	59	569,011
227	SPINAL CORD INJURY	31	288,290
228	SKULL AND FACE FRACTURES	50	438,528
229	FRACTURE OF UPPER LIMB	430	3,506,849
230	FRACTURE OF LOWER LIMB	383	3,093,123
231	OTHER FRACTURES	190	1,407,971
232	SPRAINS AND STRAINS	1,786	15,196,511
233	INTRACRANIAL INJURY	143	1,170,953
234	CRUSHING INJURY OR INTERNAL INJURY	70	618,834
235	OPEN WOUNDS OF HEAD, NECK, AND TRUNK	504	4,256,247
236	OPEN WOUNDS OF EXTREMITIES	590	4,790,320
237	COMPLICATION OF DEVICE, IMPLANT OR G	61	541,142
238	COMPLICATIONS OF SURGICAL PROCEDURES	92	661,090
239	SUPERFICIAL INJURY, CONTUSION	871	6,908,205
240	BURNS	126	997,227
242	POISONING BY OTHER MEDICATIONS AND D	201	1,807,044
243	POISONING BY NONMEDICINAL SUBSTANCES	163	1,299,392
244	OTHER INJURIES AND CONDITIONS DUE TO	2,039	15,952,987
245	SYNCOPE	96	823,406
246	FEVER OF UNKNOWN ORIGIN	614	3,758,686
247	LYMPHADENITIS	113	999,578
248	GANGRENE	4	17,142
250	NAUSEA AND VOMITING	323	2,277,576
251	ABDOMINAL PAIN	269	1,989,030
252	MALaise AND FATIGUE	381	3,295,404
253	ALLERGIC REACTIONS	884	7,574,539
254	REHABILITATION CARE, FITTING OF PROS	41	359,063
255	ADMINISTRATIVE/SOCIAL ADMISSION	2,280	18,974,046
256	MEDICAL EXAMINATION/EVALUATION	1,024	8,097,736
257	OTHER AFTERCARE	283	2,411,048
258	OTHER SCREENING FOR SUSPECTED CONDIT	1,206	9,891,667
259	RESIDUAL CODES, UNCLASSIFIED	2,688	21,185,249
	TOTAL	120,795	966,267,153

NOTE: ' \* ' indicates collapsing of fully specified codes to 3-digit code categories. See Section 2.6.2 for additional information.

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

**Appendix 3**  
**Clinical Classification Software—DIAGNOSES**  
**(with all coding changes valid from January 1980 through September 2003<sup>1</sup>)**

This document provides a listing of ICD-9-CM codes included in each CCS diagnosis category.

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						
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	04082	04089	0410	04100	04101
	04102	04103	04104	04105	04109	0411	04110	04111	04119	0412	0413	0414

<sup>1</sup> All ICD-9-CM coding changes from January 1980 through September 2003 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).

**Source:** AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

**Appendix 3**  
**Clinical Classification Software—DIAGNOSES**  
**(with all coding changes valid from January 1980 through September 2003<sup>1</sup>)**

This document provides a listing of ICD-9-CM codes included in each CCS diagnosis category.

	0415	0416	0417	0418	04181	04182	04183	04184	04185	04186	04189	0419
	390	3929	7953	79531	79539							
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	0664	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										
8	Other infections, including parasitic											
	V120	V1200	V1203	V1209	080	0810	0811	0812	0819	0820	0821	0822
	0823	08240	08241	08249	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					

<sup>1</sup> All ICD-9-CM coding changes from January 1980 through September 2003 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).

**Source:** AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

**Appendix 3**  
**Clinical Classification Software—DIAGNOSES**  
**(with all coding changes valid from January 1980 through September 2003<sup>1</sup>)**

This document provides a listing of ICD-9-CM codes included in each CCS diagnosis category.

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	V0181	V0189	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	V7178	V7182	V7183
	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											
	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			

<sup>1</sup> All ICD-9-CM coding changes from January 1980 through September 2003 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).

**Source:** AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).



**Appendix 3**  
**Clinical Classification Software—DIAGNOSES**  
**(with all coding changes valid from January 1980 through September 2003<sup>1</sup>)**

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This document provides a listing of ICD-9-CM codes included in each CCS diagnosis category.

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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											
	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						

<sup>1</sup> All ICD-9-CM coding changes from January 1980 through September 2003 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).

**Source:** AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

**Appendix 3**  
**Clinical Classification Software—DIAGNOSES**  
**(with all coding changes valid from January 1980 through September 2003<sup>1</sup>)**

This document provides a listing of ICD-9-CM codes included in each CCS diagnosis category.

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											
	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

<sup>1</sup> All ICD-9-CM coding changes from January 1980 through September 2003 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).

**Source:** AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

**Appendix 3**  
**Clinical Classification Software—DIAGNOSES**  
**(with all coding changes valid from January 1980 through September 2003<sup>1</sup>)**

This document provides a listing of ICD-9-CM codes included in each CCS diagnosis category.

	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
	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

<sup>1</sup> All ICD-9-CM coding changes from January 1980 through September 2003 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).

**Source:** AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

**Appendix 3**  
**Clinical Classification Software—DIAGNOSES**  
**(with all coding changes valid from January 1980 through September 2003<sup>1</sup>)**

This document provides a listing of ICD-9-CM codes included in each CCS diagnosis category.

	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											
	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	2564	2568	2569	2570	2571	2572	2578	2579	2580	2581
	2588	2589	2590	2591	2592	2593	2594	2598	2599	7946		

<sup>1</sup> All ICD-9-CM coding changes from January 1980 through September 2003 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).

**Source:** AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

**Appendix 3**  
**Clinical Classification Software—DIAGNOSES**  
**(with all coding changes valid from January 1980 through September 2003<sup>1</sup>)**

This document provides a listing of ICD-9-CM codes included in each CCS diagnosis category.

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							
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	27702	27703	27709							
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	2777	2778
	2779	2780	27800	27801	2781	2782	2783	2784	2788	7831	7832	78321
	78322	7833	7834	78340	78341	78342	78343	7835	7837	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	28521	28522	28529	2858	2859	
60	Acute posthemorrhagic anemia											
	2851											

<sup>1</sup> All ICD-9-CM coding changes from January 1980 through September 2003 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).

**Source:** AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

**Appendix 3**  
**Clinical Classification Software—DIAGNOSES**  
**(with all coding changes valid from January 1980 through September 2003<sup>1</sup>)**

This document provides a listing of ICD-9-CM codes included in each CCS diagnosis category.

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						
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
	79001	79009										
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
	29410	29411	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

<sup>1</sup> All ICD-9-CM coding changes from January 1980 through September 2003 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).

**Source:** AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

**Appendix 3**  
**Clinical Classification Software—DIAGNOSES**  
**(with all coding changes valid from January 1980 through September 2003<sup>1</sup>)**

This document provides a listing of ICD-9-CM codes included in each CCS diagnosis category.

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
	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											

<sup>1</sup> All ICD-9-CM coding changes from January 1980 through September 2003 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).

**Source:** AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

**Appendix 3**  
**Clinical Classification Software—DIAGNOSES**  
**(with all coding changes valid from January 1980 through September 2003<sup>1</sup>)**

This document provides a listing of ICD-9-CM codes included in each CCS diagnosis category.

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
	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

<sup>1</sup> All ICD-9-CM coding changes from January 1980 through September 2003 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).

**Source:** AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).



**Appendix 3**  
**Clinical Classification Software—DIAGNOSES**  
**(with all coding changes valid from January 1980 through September 2003<sup>1</sup>)**

This document provides a listing of ICD-9-CM codes included in each CCS diagnosis category.

	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	36583	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										
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

<sup>1</sup> All ICD-9-CM coding changes from January 1980 through September 2003 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).

**Source:** AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

**Appendix 3**  
**Clinical Classification Software—DIAGNOSES**  
**(with all coding changes valid from January 1980 through September 2003<sup>1</sup>)**

This document provides a listing of ICD-9-CM codes included in each CCS diagnosis category.

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	37281
37289	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	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	78193							

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

<sup>1</sup> All ICD-9-CM coding changes from January 1980 through September 2003 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).

**Source:** AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

**Appendix 3**  
**Clinical Classification Software—DIAGNOSES**  
**(with all coding changes valid from January 1980 through September 2003<sup>1</sup>)**

This document provides a listing of ICD-9-CM codes included in each CCS diagnosis category.

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	35781	35782	35789	3579	3580	3581	3582	3588	3589	3590
3591	3592	3593	3594	3595	3596	3598	35981	35989	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

<sup>1</sup> All ICD-9-CM coding changes from January 1980 through September 2003 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).

**Source:** AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

**Appendix 3**  
**Clinical Classification Software—DIAGNOSES**  
**(with all coding changes valid from January 1980 through September 2003<sup>1</sup>)**

This document provides a listing of ICD-9-CM codes included in each CCS diagnosis category.

	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	
104	Other and ill-defined heart disease											
	41410	41411	41412	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	42820	42821	42822	42823	42830	42831	42832	42833	42840
	42841	42842	42843	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			

<sup>1</sup> All ICD-9-CM coding changes from January 1980 through September 2003 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).

**Source:** AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

**Appendix 3**  
**Clinical Classification Software—DIAGNOSES**  
**(with all coding changes valid from January 1980 through September 2003<sup>1</sup>)**

This document provides a listing of ICD-9-CM codes included in each CCS diagnosis category.

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	4386	4387	43881	43882	43883
	43884	43885	43889	4389								
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	44321
	44322	44323	44324	44329								
116	Aortic and peripheral arterial embolism or thrombosis											
	4440	4441	44421	44422	44481	44489	4449	44501	44502	44581	44589	
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	4548	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	45910
	45911	45912	45913	45919	4592	45930	45931	45932	45933	45939	45981	

<sup>1</sup> All ICD-9-CM coding changes from January 1980 through September 2003 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).

**Source:** AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

**Appendix 3**  
**Clinical Classification Software—DIAGNOSES**  
**(with all coding changes valid from January 1980 through September 2003<sup>1</sup>)**

This document provides a listing of ICD-9-CM codes included in each CCS diagnosis category.

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
	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	46400	46401	46410	46411	46420	46421	46430	46431	4644	46450
	46451	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	4940
	4941	496										
128	Asthma											
	49300	49301	49302	49310	49311	49312	49320	49321	49322	49390	49391	49392
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	V462	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								

<sup>1</sup> All ICD-9-CM coding changes from January 1980 through September 2003 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).

**Source:** AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

**Appendix 3**  
**Clinical Classification Software—DIAGNOSES**  
**(with all coding changes valid from January 1980 through September 2003<sup>1</sup>)**

This document provides a listing of ICD-9-CM codes included in each CCS diagnosis category.

133	Other lower respiratory disease											
	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	0075	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	52100	52101	52102	52103	52104	52105	52109	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
	52510	52510	52511	52512	52513	52519	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	53012	53019	5302	5303	5304	5305
	5306	5308	53081	53083	53084	53089	5309					
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

<sup>1</sup> All ICD-9-CM coding changes from January 1980 through September 2003 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).

**Source:** AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

**Appendix 3**  
**Clinical Classification Software—DIAGNOSES**  
**(with all coding changes valid from January 1980 through September 2003<sup>1</sup>)**

This document provides a listing of ICD-9-CM codes included in each CCS diagnosis category.

	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	53784	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					
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							

<sup>1</sup> All ICD-9-CM coding changes from January 1980 through September 2003 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).

**Source:** AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).



**Appendix 3**  
**Clinical Classification Software—DIAGNOSES**  
**(with all coding changes valid from January 1980 through September 2003<sup>1</sup>)**

This document provides a listing of ICD-9-CM codes included in each CCS diagnosis category.

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	56400	56401	56402	56409	5641	5645
	5647	5648	56481	56489	5649	5680	56881	56882	56889	5689	56981	56982
	56983	56984	56985	56986	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							
157	Acute and unspecified renal failure											
	5845	5846	5847	5848	5849	586						
158	Chronic renal failure											
	V420	V451	V560	V561	V562	V5631	V5632	V568	585	7925		
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										

<sup>1</sup> All ICD-9-CM coding changes from January 1980 through September 2003 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).

**Source:** AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

**Appendix 3**  
**Clinical Classification Software—DIAGNOSES**  
**(with all coding changes valid from January 1980 through September 2003<sup>1</sup>)**

This document provides a listing of ICD-9-CM codes included in each CCS diagnosis category.

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	6000	6001	6002	6003	6009						
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											
	6020	6021	6022	6023	6028	6029	6030	6038	6039	605	6060	6061
	6068	6069	6070	6073	60781	60782	60783	60784	60789	6079	6081	6082
	6083	60881	60882	60883	60884	60885	60886	60887	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	7938	79380	79381	79389	
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			

<sup>1</sup> All ICD-9-CM coding changes from January 1980 through September 2003 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).

**Source:** AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

**Appendix 3**  
**Clinical Classification Software—DIAGNOSES**  
**(with all coding changes valid from January 1980 through September 2003<sup>1</sup>)**

This document provides a listing of ICD-9-CM codes included in each CCS diagnosis category.

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	2563	25631	25639	6270	6271	6272	6273	6274	6278	6279	
174	Female infertility											
	6280	6281	6282	6283	6284	6288	6289					
175	Other female genital disorders											
	V132	V1321	V1329	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	79500	79501	79502
	79509											
176	Contraceptive and procreative management											
	V157	V2501	V2502	V2509	V251	V252	V253	V2540	V2541	V2542	V2543	V2549
	V255	V258	V259	V260	V261	V262	V2621	V2622	V2629	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								

<sup>1</sup> All ICD-9-CM coding changes from January 1980 through September 2003 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).

**Source:** AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

**Appendix 3**  
**Clinical Classification Software—DIAGNOSES**  
**(with all coding changes valid from January 1980 through September 2003<sup>1</sup>)**

This document provides a listing of ICD-9-CM codes included in each CCS diagnosis category.

179	Postabortion complications	6390	6391	6392	6393	6394	6395	6396	6398	6399			
180	Ectopic pregnancy	6330	63300	63301	6331	63310	63311	6332	63320	63321	6338	63380	63381
		6339	63390	63391									
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	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	64510	65510	64511	64513	64520	64521	64523		
186	Diabetes or abnormal glucose tolerance complicating pregnancy, childbirth, or the puerperium	64800	64801	64802	64803	64804	64880	64881	64882	64883	64884		

<sup>1</sup> All ICD-9-CM coding changes from January 1980 through September 2003 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).

**Source:** AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

**Appendix 3**  
**Clinical Classification Software—DIAGNOSES**  
**(with all coding changes valid from January 1980 through September 2003<sup>1</sup>)**

This document provides a listing of ICD-9-CM codes included in each CCS diagnosis category.

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	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	V2341	V2349	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

<sup>1</sup> All ICD-9-CM coding changes from January 1980 through September 2003 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).

**Source:** AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

**Appendix 3**  
**Clinical Classification Software—DIAGNOSES**  
**(with all coding changes valid from January 1980 through September 2003<sup>1</sup>)**

This document provides a listing of ICD-9-CM codes included in each CCS diagnosis category.

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	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	69276	69277	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				

<sup>1</sup> All ICD-9-CM coding changes from January 1980 through September 2003 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).

**Source:** AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

**Appendix 3**  
**Clinical Classification Software—DIAGNOSES**  
**(with all coding changes valid from January 1980 through September 2003<sup>1</sup>)**

This document provides a listing of ICD-9-CM codes included in each CCS diagnosis category.

199	Chronic ulcer of skin											
	7070	7071	70710	70711	70712	70713	70714	70715	70719	7078	7079	
200	Other skin disorders											
	V133	V423	69275	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
	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	71870

<sup>1</sup> All ICD-9-CM coding changes from January 1980 through September 2003 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).

**Source:** AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

**Appendix 3**  
**Clinical Classification Software—DIAGNOSES**  
**(with all coding changes valid from January 1980 through September 2003<sup>1</sup>)**

This document provides a listing of ICD-9-CM codes included in each CCS diagnosis category.

71871	71872	71873	71874	71875	71876	71877	71878	71879	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								
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	73393	73394	73395
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

<sup>1</sup> All ICD-9-CM coding changes from January 1980 through September 2003 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).

**Source:** AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).



**Appendix 3**  
**Clinical Classification Software—DIAGNOSES**  
**(with all coding changes valid from January 1980 through September 2003<sup>1</sup>)**

This document provides a listing of ICD-9-CM codes included in each CCS diagnosis category.

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
72783	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	78191	78192	78199	7937						
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	74783	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

<sup>1</sup> All ICD-9-CM coding changes from January 1980 through September 2003 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).

**Source:** AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

**Appendix 3**  
**Clinical Classification Software—DIAGNOSES**  
**(with all coding changes valid from January 1980 through September 2003<sup>1</sup>)**

This document provides a listing of ICD-9-CM codes included in each CCS diagnosis category.

75435	75440	75441	75442	75443	75444	75450	75451	75452	75453	75459	75460
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											
V2130	V2131	V2132	V2133	V2134	V2135	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
76520	76521	76522	76523	76524	76525	76526	76527	76528	76529		
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		

<sup>1</sup> All ICD-9-CM coding changes from January 1980 through September 2003 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).

**Source:** AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

**Appendix 3**  
**Clinical Classification Software—DIAGNOSES**  
**(with all coding changes valid from January 1980 through September 2003<sup>1</sup>)**

This document provides a listing of ICD-9-CM codes included in each CCS diagnosis category.

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	77081	77082	77083	77084	77089	7709	7710
	7711	7712	7713	7714	7715	7716	7717	7718	77181	77182	77183	77189
	7720	7721	77210	77211	77212	77213	77214	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	7797
	7798	77981	77982	77989	7799	78091	78092					
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)											
	V5413	V5423	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			

<sup>1</sup> All ICD-9-CM coding changes from January 1980 through September 2003 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).

**Source:** AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

**Appendix 3**  
**Clinical Classification Software—DIAGNOSES**  
**(with all coding changes valid from January 1980 through September 2003<sup>1</sup>)**

This document provides a listing of ICD-9-CM codes included in each CCS diagnosis category.

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											
	V5410	V5411	V5412	V5420	V5421	V5422	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	81345	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											
	V5414	V5415	V5416	V5424	V5425	V5426	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	82340	82341
	82342	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	V5417	V5419	V5427	V5429	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											
	8400	8401	8402	8403	8404	8405	8406	8407	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

<sup>1</sup> All ICD-9-CM coding changes from January 1980 through September 2003 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).

**Source:** AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

**Appendix 3**  
**Clinical Classification Software—DIAGNOSES**  
**(with all coding changes valid from January 1980 through September 2003<sup>1</sup>)**

This document provides a listing of ICD-9-CM codes included in each CCS diagnosis category.

	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											
	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

<sup>1</sup> All ICD-9-CM coding changes from January 1980 through September 2003 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).

**Source:** AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

**Appendix 3**  
**Clinical Classification Software—DIAGNOSES**  
**(with all coding changes valid from January 1980 through September 2003<sup>1</sup>)**

This document provides a listing of ICD-9-CM codes included in each CCS diagnosis category.

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

41402	41403	41404	41405	41406	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
99687	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	99549
9586	9970	99700	99701	99702	99709	9971	9972	9973	9974	9975	99760
99761	99762	99769	99771	99772	99779	9979	99791	99799	9980	9981	99811
99812	99813	9982	9983	99832	9984	9985	99851	99859	9986	9987	9988

<sup>1</sup> All ICD-9-CM coding changes from January 1980 through September 2003 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).

**Source:** AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

**Appendix 3**  
**Clinical Classification Software—DIAGNOSES**  
**(with all coding changes valid from January 1980 through September 2003<sup>1</sup>)**

This document provides a listing of ICD-9-CM codes included in each CCS diagnosis category.

	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
	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		

<sup>1</sup> All ICD-9-CM coding changes from January 1980 through September 2003 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).

**Source:** AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

**Appendix 3**  
**Clinical Classification Software—DIAGNOSES**  
**(with all coding changes valid from January 1980 through September 2003<sup>1</sup>)**

This document provides a listing of ICD-9-CM codes included in each CCS diagnosis category.

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	96569
9657	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										

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	99590	99591
99592	99593	99594									

245      Syncope

7802

246      Fever of unknown origin

7806

<sup>1</sup> All ICD-9-CM coding changes from January 1980 through September 2003 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).

**Source:** AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).



**Appendix 3**  
**Clinical Classification Software—DIAGNOSES**  
**(with all coding changes valid from January 1980 through September 2003<sup>1</sup>)**

This document provides a listing of ICD-9-CM codes included in each CCS diagnosis category.

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											
	7807	78071	78079									
253	Allergic reactions											
	V071	V140	V141	V142	V143	V144	V145	V1501	V1502	V1503	V1504	V1505
	V1507	V1508	V1509	V146	V147	V148	V149	V150	V727	4771	5583	9957
	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						

<sup>1</sup> All ICD-9-CM coding changes from January 1980 through September 2003 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).

**Source:** AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

**Appendix 3**  
**Clinical Classification Software—DIAGNOSES**  
**(with all coding changes valid from January 1980 through September 2003<sup>1</sup>)**

This document provides a listing of ICD-9-CM codes included in each CCS diagnosis category.

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	V5481	V5489	V549	V558	V559	V583	V584	V5841	V5842
	V5843	V5849	V5861	V5862	V5869	V5871	V5872	V5873	V5874	V5875	V5876	V5877
	V5878	V588	V5881	V5883	V5889	V589	V660	V665	V666	V667	V669	V670
	V6770	V6701	V6709	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											
	V070	V072	V073	V0731	V0739	V078	V079	V1053	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	V4284	V4289	V429	V438	V4381	V4382	V4383	V4389
	V447	V448	V449	V4571	V4572	V4573	V4574	V4575	V4576	4577	V4578	V4579
	V4583	V4584	V4589	V460	V468	V469	V470	V471	V472	V479	V480	V488
	V489	V498	V4981	V4982	V4989	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	V8301	V8302	V8381	V8389	3020	78002	78050	78051	78052	78053
	78054	78055	78056	78057	78059	7809	78099	7815	7816	7823	78261	78262
	7828	7829	7830	7836	7842	7901	7903	7906	7909	79091	79092	79093
	79094	79099	7929	7932	7939	7949	7954	7963	7964	7965	7969	7980
	7981	7982	7989	7992	7993	7998	7999					
260	All E Codes <sup>2</sup> .											

<sup>1</sup> All ICD-9-CM coding changes from January 1980 through September 2003 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).

<sup>2</sup> Classification system for E codes developed by CDC and incorporated into CCS is presented below.

**Source:** AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

**Appendix 3**  
**Clinical Classification Software—DIAGNOSES**  
**(with all coding changes valid from January 1980 through September 2003<sup>1</sup>)**

This document provides a listing of ICD-9-CM codes included in each CCS diagnosis category.

		<b>E CODE CLASSIFICATION</b>						
<b>E code</b>	<b>Category</b>	<b>ICD-9-CM codes</b>						
2601	Cut/pierce	E9200-E9205	E9208	E9209	E956	E966	E974	E986
2602	Drowning/submersion	E8300-E8306	E8308	E8309	E8320-E8326	E8328	E8329	
		E9100-E9104	E9108	E9109	E954	E964	E984	
2603	Fall	E8800 E8801	E8809-E8811	E882	E8830-E8832			
		E8839-E8846	E8849 E885	E8850-E8854	E8859-E8860			
		E8869 E888	E888 E8881	E8888 E8889				
		E9570-E9572	E9579 E9681	E9870-E9872	E9879			
2604	Fire/burn	E8900-E8903	E8908-E8913	E8918	E8919	E892		
		E8930-E8932	E8938 E8939	E894	E895	E896	E897	
		E8981 E899	E9240-E9242	E9248	E9249	E9581	E8582	
		E9587 E961	E9680 E9683	E9881	E9882	E9887		
2605	Firearm	E9220-E9224	E9228	E9229	E9550-E9554	E9650-E9654		
		E970	E9850-E9854					
2606	Machinery	E9190-E9199						
2607	Motor vehicle traffic (MVT)	E8100-E8199	E9585	E9685	E9885			
2608	Pedal cyclist, not MVT	E8003 E8013	E8023	E8033	E8043	E8053	E8063	E8073
		E8206 E8216	E8226	E8236	E8246	E8256	E8261	E8269
2609	Pedestrian, not MVT	E8002 E8012	E8022	E8032	E8042	E8052	E8062	E8072
		E8207 E8217	E8227	E8237	E8247	E8257	E8260	E8270
		E8280 E8290						
2610	Transport, not MVT	E8000 E8001	E8008-E8011	E8018-E8021	E8028-E8031			
		E8038-E8041	E8048-E8051	E8058-E8061	E8068-E8071			
		E8078 E8079	E8200-E8205	E8208-E8215	E8218-E8225			
		E8228-E8235	E8238-E8245	E8248-E8255	E8258 E8259			
		E8262-E8264	E8268 E8272-E8274	E8278	E8279 E8282			
		E8284 E8288	E8289 E8294	E8298 E8299	E8310-E8316			
		E8318 E8319	E8330-E8336	E8338-E8346	E8348-8356			
		E8358-E8366	E8368-E8376	E8378-E8366	E8388 E8399			
		E8400-E819	E8426-E8450	E8458 E8459	E9586 E9886			
2611	Natural/environment	E9000 E9001	E9009-E9011	E9018-E9022	E9028	E9029		
		E903	E9040-E9043	E9049-E9065	E9068-E907			
		E908-E9084	E9088-E9094	E9098	E9099	E9280-E9283		
		E9583 E9883						
2612	Overexertion	E927						

<sup>1</sup> All ICD-9-CM coding changes from January 1980 through September 2003 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).

**Source:** AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

**Appendix 3**  
**Clinical Classification Software—DIAGNOSES**  
**(with all coding changes valid from January 1980 through September 2003<sup>1</sup>)**

This document provides a listing of ICD-9-CM codes included in each CCS diagnosis category.

2613	Poisoning	E8500-E851	E8520-E8525	E8528-E8532	E8538-E8543			
		E8548	E8550-E8556	E8558-E856	E857	E8580-8589		
		E8600-E8604	E8608-E8616	E8619-E8625	E8629-8644			
		E8650-E8655	E8658-E867	E8680-E8683	E8688-E8694			
		E8698	E8699	E9500-E9511	E9518	E9520	E9521	E9521
		E9528	E9529	E9620-E9622	E9629	E972	E9800-E9811	
		E9818	E9820	E9821	E9828	E9829		
2614	Struck by, against	E916	E9170-E9179	E9600	E9682	E973	E975	
2615	Suffocation	E911	E912	E9130-E9133	E9138	E9139	E9530	E9531
		E9538	E9539	E963	E9830	E9831	E9838	E9839
2616	Adverse effects of medical care	E8700-E8726	E8728-E8736	E8738-E8745	E8748-E8752			
		E8758-E8765	E8768	E8769	E8780-E8786	E8788-E8799		
2617	Adverse effects of medical drugs	E9300-E9335	E9338-E9364	E9370-E9376	E9378-E9387			
		E9389-E9401	E9408-E9413	E9419-E9436	E9438-E9447			
		E9450-E9458	E9460-E9474	E9478-E9486	E9488-E9497			
		E9499						
2618	Other specified and classifiable	E846 -E848	E914	E915	E918	E9210	E9211	E9218
		E9219	E9225	E9230-E9232	E9238	E9239	E9250-E9252	
		E9258-E9265	E9268	E9269	E9290-E9295	E9555-E9557		
		E9559	E9580	E9584	E9601	E9655-E9659	E9670-E9679	
		E9684	E9686	E9687	E971	E978	E9790-E9799	E9855
		E9856	E9857	E9880	E9884	E990	E9909-E9913	E9919
		E992	E993	E994	E996	E9970-E9972		
2619	Other specified, not elsewhere classified	E9288	E9298	E9588	E959	E9688	E969	E977
		E989	E995	E9978	E998	E999	E9990	E9991
2620	Unspecified	E887	E9289	E9299	E9589	E9689	E976	E9889
								E9979
2621	Place of occurrence	E8490-E84						

<sup>1</sup> All ICD-9-CM coding changes from January 1980 through September 2003 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).

**Source:** AHRQ, Center for Organization and Delivery Studies, Healthcare Cost and Utilization Project (HCUP).

## **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 (MUST  
use the word "chronic", only for  
adults)  
smoker's 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’  
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