

## **ABSTRACT**

This material provides documentation for users of the Emergency Department public use micro-data file of the 2022 National Hospital Ambulatory Medical Care Survey (NHAMCS). The 2022 NHAMCS is a national probability sample survey of visits to hospital emergency departments, conducted by the National Center for Health Statistics. The survey is a component of the National Health Care Surveys, which measure health care utilization across a variety of health care providers.

Section I of this documentation, "Description of the National Hospital Ambulatory Medical Care Survey," includes information on the scope of the survey, the sample, field activities, data collection procedures, medical coding procedures, and population estimates. Section II contains the codebook, which provides detailed descriptions of the contents of the file's data record by location. Section III contains marginal data for selected items on the file. The appendices contain sampling errors, instructions and definitions for completing the Patient Record form, and lists of codes used in the survey.

## SUMMARY OF CHANGES FOR 2022

### A. Survey Items

The 2022 NHAMCS Emergency Department (ED) micro-data file is nearly identical in layout to the 2021 file. Two new items were added in the Diagnostic Services section for services ordered or performed at the ED visit. These include a checkbox for coronavirus test (COVIDTEST) and a checkbox for COVID antibody test (COVIDANTIBODY). There were no other changes made to the Patient Record form.

### B. Data Collection and Comparability of 2022 NHAMCS Estimates with Previous Years of Data

In the 2012 survey year, major changes were made to the mode of data collection and, as a result, much research was conducted to assess the comparability of estimates from 2012 with previous years of data. Those results can be found in the 2012 NHAMCS-ED Public Use File Documentation. We continue to conduct research comparing the current and previous year's data prior to each data release. For 2022, the mode of data collection continued to be the automated laptop-assisted instrument first used in 2012, and additional research was conducted to assess any data anomalies between 2021 and 2022 data.

To accomplish this, estimates from more than 20 tables of 2022 estimates were compared with the same tables of 2021 estimates. The estimates followed the format of the annual web tables (available from: [https://www.cdc.gov/nchs/ahcd/ahcd\\_products.htm](https://www.cdc.gov/nchs/ahcd/ahcd_products.htm)). The total estimated number of ED visits was not significantly different in 2022 than in 2021. A statistically significant difference was noted in the number and percentage of visits with an influenza test ordered or provided, but most percent differences evaluated were small and not significantly different from the previous year.

The same caveats recommended for the 2021 survey data with regard to MSA (whether hospital is located in a metropolitan statistical area) and VMONTH (month of visit) are recommended for 2022 ED data. The overall emergency service area (ESA) response rate (see page 8) was 40.2%, similar to 2021's rate of 41.5 percent. As a result, there is a potential for nonresponse bias in the data that might affect survey estimates. Research conducted with the 2020 survey data suggested that hospitals located in non-MSA areas were underrepresented in the data and that results based on MSA status should be interpreted with caution. For example, NHAMCS had no non-MSA hospitals responding in the West for 2020, although this is not the case in every year. Some nonresponse bias was found in the 2020 data but was less than expected. Nonresponse adjustments were made in 2020, 2021, and 2022, but their effect on MSA estimates was limited to some extent by small sample sizes in certain domains used to adjust for nonresponse. Also, because of the low survey response in both years, seasonal adjustments for nonresponse could not be made. As a result, it is recommended that the month of visit (VMONTH) variable be used with caution and that seasonal estimates should not be made.

As a reminder, as mentioned in previous years of NHAMCS public use file documentation, data on ED visits resulting in admission to the observation unit followed by hospitalization (OBSHOS=1) were found to have problems relating to internal data processing. These problems were resolved starting with 2017 data, but data for this variable in 2014, 2015, and 2016 are also likely affected, resulting in undercounts.

NCHS staff will continue to monitor these and other changes with regard to 2022 data and beyond in an effort to better assess how much may be attributed to data collection and processing vs. real-world treatment patterns.

### C. Sampling Strata and Variance Estimation Issues

Prior to 2018, NHAMCS comprised three components: hospital emergency departments, outpatient departments (OPDs), and, in 2009-2017, ambulatory surgery centers/locations (ASLs). Starting in 2018, only the emergency department component was fielded, and only hospitals with emergency departments were eligible to participate in the survey.

Starting in 2010, when the ambulatory surgery (AS) component was added to NHAMCS, analysis was conducted within the Division of Health Care Statistics to ensure that the sampling design information was complete when combining the ED and OPD public use files, even though the AS file was not yet available (the 2010 AS public use file was released in early 2017). Because NCHS has not yet released OPD or AS public use files for 2012 through 2017, internal research was conducted each year to study the effects of only using ED data, without OPD or AS data, using the same methodology employed since 2012.

Since 2018, this analysis has not been relevant, because, starting that year, only hospitals with EDs were eligible to participate in the survey. It should be kept in mind that some understatement of variances related to between-area-PSU differences is possible. However, resources are not available at this time to investigate this. We continue to advise that in order to decrease the possibility of a Type I error when analyzing the 2022 NHAMCS ED public use file, researchers test for significant differences at the alpha=0.01 level, rather than the more commonly used 0.05 level. For questions, please contact the Data Analytics and Production Branch (formerly Ambulatory and Hospital Care Statistics Branch) at 301-458-4600 or email [ambcare@cdc.gov](mailto:ambcare@cdc.gov).

It should be noted that 2022 was the final year for NHAMCS. In the future, data on hospital emergency department visits should be available through NCHS's National Hospital Care Survey.

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## I. DESCRIPTION OF THE NATIONAL HOSPITAL AMBULATORY MEDICAL CARE SURVEY

### A. INTRODUCTION

The National Hospital Ambulatory Medical Care Survey (NHAMCS) was initiated to learn more about ambulatory care rendered in hospital emergency and outpatient departments (EDs and OPDs) in the United States. NHAMCS was conducted by the Data Analytics and Production Branch (formerly the Ambulatory and Hospital Care Statistics Branch) of the Division of Health Care Statistics, National Center for Health Statistics (NCHS). Note that beginning in 2018, NHAMCS only fielded the emergency department component; the OPD and ambulatory surgery components (the latter having been added in 2009) were no longer being fielded.

It should also be noted that 2022 was the last year of NHAMCS data collection. In the future, data on hospital emergency department visits should be available from NCHS's National Hospital Care Survey, which obtains data on hospital encounters, both in-patient and ambulatory, from several different sources, including claims data and electronic health records.

Ambulatory medical care is the predominant method of providing health care services in the United States (1). Since 1973, data on ambulatory patient visits to physicians' offices have been collected through the National Ambulatory Medical Care Survey (NAMCS). However, visits to hospital emergency and outpatient departments, which represent a significant portion of total ambulatory medical care, are not included in NAMCS (2). Furthermore, hospital ambulatory patients are known to differ from office patients in their demographic and medical characteristics (3). NHAMCS was designed to fill this data gap. Together, NAMCS and NHAMCS were intended to provide a more complete look at ambulatory medical care.

NHAMCS has been endorsed by the Emergency Nurses Association, the Society for Academic Emergency Medicine, the American College of Emergency Physicians, the American College of Osteopathic Emergency Physicians, the Society for Ambulatory Anesthesia, the American Health Information Management Association, and the American Academy of Ophthalmology. A complete description of NHAMCS is contained in the publication entitled, "Plan and Operation of the National Hospital Ambulatory Medical Care Survey" (4).

In 2022, there were 16,025 electronic Patient Record forms (PRFs) provided by EDs that participated in the survey.

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Please note the following important points concerning analysis of NHAMCS data on this micro-data file:  
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### PATIENT VISIT WEIGHT

Micro-data file users should be fully aware of the importance of the "patient visit weight" and how it must be used. Information about the patient visit weight is presented on page 23. If more information is needed, the staff of the Data Analytics and Production Branch (formerly Ambulatory and Hospital Care Statistics Branch) can be consulted by calling (301) 458-4600 during regular working hours or by sending an email inquiry to [ambcare@cdc.gov](mailto:ambcare@cdc.gov).

### RELIABILITY OF ESTIMATES

Researchers should also be aware of the reliability or unreliability of survey estimates. In 2023, NCHS released new guidelines for determining the reliability of [counts and rates](#). And in 2017, NCHS released new guidelines for determining the reliability of [proportions](#). Additional information about reliability is presented in Appendix I. If you have questions, do not hesitate to consult the staff of the Data Analytics and Production Branch (formerly Ambulatory and Hospital Care Statistics Branch).

## B. SAMPLE DESIGN

The 2022 NHAMCS used a national probability sample of visits to the emergency departments of noninstitutional general and short-stay hospitals, excluding Federal, military, and Veterans Administration hospitals, located in the 50 states and the District of Columbia. The NHAMCS sample was designed to provide estimates for the following survey objectives listed in order of priority: United States; region; emergency departments; and type of ownership. For 2022, the sample used a three-stage probability design with samples of area primary sampling units (PSUs), hospitals within PSUs, and patient visits within emergency service areas. Each stage of sampling is described below.

### 1. Primary Sampling Units (PSUs)

In the sample, a PSU consists of a county, a group of counties, or county equivalents (such as parishes and independent cities), towns, townships, minor civil divisions (for some PSUs in New England), or a metropolitan statistical area (MSA). MSAs were defined by the U.S. Office of Management and Budget on the basis of the 1980 Census. The first-stage sample consists of 112 PSUs that comprised a probability subsample of the PSUs used in the 1985-94 National Health Interview Survey (NHIS). The NHAMCS PSU sample included with certainty the 26 NHIS PSUs with the largest populations. In addition, the NHAMCS sample included one-half of the next 26 largest PSUs, and one PSU from each of the 73 PSU strata formed from the remaining PSUs for the NHIS sample.

The NHIS PSU sample was selected from approximately 1,900 geographically defined PSUs that covered the 50 States and the District of Columbia. The 1,900 PSUs were stratified by socioeconomic and demographic variables and then selected with a probability proportional to their size. Stratification was done within four geographical regions by MSA or non-MSA status. A detailed description of the 1985-94 NHIS PSU sample design is available (5).

### 2. Hospitals

The hospital sampling frame and sample were updated for the 2022 survey to remove hospitals whose status had changed and were now out of scope for the survey. Other hospitals were added for the first time.

The original sampling frame was compiled in 1991 as follows using the SMG Hospital Database. Hospitals with an average length of stay for all patients of less than 30 days (short-stay) or hospitals whose specialty was general (medical or surgical) or children's general were eligible for NHAMCS. Excluded were Federal hospitals, hospital units of institutions, and hospitals with less than six beds staffed for inpatient use. In 1991, the SMG Hospital Database contained 6,249 hospitals that met these eligibility criteria. Of the eligible hospitals, 5,582 (89 percent) had emergency departments (EDs) and 5,654 (90 percent) had outpatient departments (OPDs). Hospitals were defined to have an ED if the hospital file indicated the presence of such a unit or if the file indicated a non-zero number of visits to such a unit. A similar rule was used to define the presence of an OPD. Hospitals were classified into four classes: those with only an ED; those with an ED and an OPD; those with only an OPD; and those with neither an ED nor an OPD. Hospitals in the last class were considered as a separate stratum and a small sample (50 hospitals) was selected from this stratum to allow for estimation to the total universe of eligible hospitals including eligible hospitals that were misclassified in the frame because information about their EDs and/or OPDs was missing from the databases used to compile the frame.

All hospitals with EDs and/or OPDs in non-certainty sample PSUs with five or fewer hospitals were selected with certainty. There were 149 hospitals in 55 PSUs in this category. In non-certainty sample PSUs with more than five hospitals, hospitals in each PSU were arrayed by hospital class; type of ownership (not-for-profit, non-Federal government, and for-profit); and hospital size. Hospital size was measured by the combined volume of ED and OPD visits. From the arrayed hospitals, five hospitals were selected using systematic random sampling with probability proportional to hospital size. A total of 161 hospitals was selected from this group. In the certainty PSUs, hospitals were stratified by region, hospital class,

ownership, and size. From the stratified hospital list, 240 hospitals were selected with probability proportional to size. From the 427 hospitals that had neither an ED nor an OPD in the sample PSUs, a sample of 50 hospitals was selected with probability proportional to the inverse of PSU selection probabilities, making the overall selection probabilities (products of the PSU and hospital selection probabilities) equal within region.

The hospital selections were made so that each hospital would be chosen only once to avoid multiple inclusions of very large hospitals. A fixed panel of 600 hospitals was initially selected for the NHAMCS sample; 550 hospitals had an ED and/or an OPD and 50 hospitals had neither an ED nor an OPD. To preclude hospitals participating during the same time period each year, the sample of 600 hospitals was randomly divided into 16 subsets of approximately equal size. These subsets were assigned on a rotating basis to 4-week reporting periods, beginning December 2, 1991, and continuing across each survey year. Therefore, the entire sample does not participate in a given year, and each hospital is inducted approximately once every 15 months.

The 2022 NHAMCS included a sample of 466 hospitals. Of the sampled hospitals, 80 were found to be ineligible due to closing or other reasons. Of the 386 hospitals that were in scope (eligible) for the survey, 319 responded (i.e., reported their total numbers of emergency services areas and visits), for an unweighted hospital response rate of 82.6 percent (83.0 percent weighted).

### **3. Emergency Departments and Emergency Service Areas (ESAs)**

An ED was in scope if it provided unscheduled health care 24 hours a day, seven days a week. If an ED was not staffed 24 hours daily, it was out of scope. Emergency services provided under the "hospital as landlord" arrangement were also eligible for the study.

Emergency service areas (ESAs) are the smallest administrative units of an ED where separate patient statistics are kept. For the purpose of the survey, ESAs are defined as general, adult, pediatric, urgent care/fast track, psychiatric, and 'other'. An ESA may be located on the hospital grounds or operated off-site by the hospital. ESAs operated by the hospital, but staffed under contract by independent physicians, are eligible. Within each hospital, all emergency service areas (ESAs) within an in-scope ED were selected with certainty, regardless of whether the individual ESA was open 24 hours a day.

A total of 466 hospitals was selected for the 2022 NHAMCS, of which 386 were in scope and had eligible EDs. Of these, 319 responded, yielding an unweighted ED response rate of 82.6 (83.0 percent weighted). A total of 465 ESAs were identified from the respondent EDs. Of these, 226 responded fully or adequately by providing forms for at least half of their expected sample visits based on the total number of visits they had during their reporting period, and 36 responded minimally (i.e., they provided fewer than half of their expected forms). The resulting unweighted ESA sample response rate was 48.6 (42.2 percent weighted), and the overall unweighted ESA response rate (ED rate \* ESA rate) was 40.2 percent (35.0 percent weighted). Response rates have been adjusted to exclude minimal participants.

### **4. Visits**

The basic sampling unit for NHAMCS is the patient visit or encounter. Within ESAs, patient visits were systematically selected over the randomly assigned 4-week reporting period for the hospital. A visit was defined as a direct, personal exchange between a patient and a physician, or a staff member acting under a physician's direction, for the purpose of seeking care and rendering health services. Visits solely for administrative purposes, such as payment of a bill, and visits in which no medical care was provided, such as visits to deliver a specimen, were out of scope.

The target number of PRFs to be completed for EDs in each hospital was 100. In departments with volumes higher than these desired figures, visits were sampled by a systematic procedure which selected every nth

visit after random starts within ESAs. Visit sampling rates were determined from the number of visits seen during the reporting period and the desired number of completed PRFs. During 2022, electronic PRFs were completed for 16,025 ED visits.

## C. DATA COLLECTION PROCEDURES

### 1. Field Training

The U.S. Census Bureau was the data collection agent for the 2022 NHAMCS. Census Headquarters staff were responsible for overseeing the data collection process, training the Census Regional Office staff, and writing the field manual. Regional Office staff were responsible for training the Census Field Representatives (FRs) and monitoring hospital data collection activities. Training for FRs new to the survey consisted of four hours of self-study and eight hours of classroom training. Continuing FRs received one hour of refresher training and memos throughout the survey year which averaged to 1-2 hours of annual survey training. FRs inducted the hospitals and trained the hospital staff on visit sampling.

### 2. Hospital Induction

Approximately two weeks after the start of the hospital's assigned reporting period, a personally signed introductory letter from the Director of NCHS was sent to the hospital administrator or chief executive officer of each sampled hospital.

Census Field Representatives received their cases after the end of the reporting period. At that time, the Census FR called the hospital administrator to set up an appointment to further explain the study and to verify hospital eligibility for the survey. The FR had to obtain hospital approval, and IRB approval for hospitals that required it. After that, the FR conducted the hospital induction interview.

### 3. Emergency Service Area Induction

After the initial visit and completion of the induction interview at the hospital level, the FR arranged for induction of the ESAs. Information obtained during the ambulatory unit induction interviews was entered into the survey instrument and used by the FR to develop the sampling plan.

### 4. Data Collection

In 2022, the mode of data collection for NHAMCS was a computerized survey tool, which has been used since 2012. This is described in more detail in the 2012 NHAMCS Public Use Data File Documentation. All record abstraction was done by Census FRs.

## D. FIELD QUALITY CONTROL

For hospitals with electronic health records (EHR) systems, the FR was typically given access to electronic data for all of the visits that occurred during the hospital's randomly assigned 4-week reporting period. The FR used information obtained during the ambulatory unit's induction interview to establish a random start and predetermined sampling interval with which to select the sample of visits. The sampled visits comprised both scheduled and unscheduled patients, but not cancellations, administrative visits, or no-shows. The random start and sampling interval were calculated by the survey instrument based on the hospital's actual number of patient visits during the reporting period. In some cases, the FR gave the sampling plan information to the hospital so that hospitals could then provide only the records for visits to be sampled.

For hospitals without EHR systems, hospital staff were instructed to make a list of each day's patient visits which occurred during the assigned 4-week reporting period using an arrival log, optional worksheet, or similar method. This list was used as the sampling frame to select the visits for which data were to be recorded. It comprised both scheduled and unscheduled patients, but not cancellations, administrative visits, or no-shows. Visits were selected from the list by Census FRs using the random start and predetermined sampling interval that was calculated by the survey instrument and was based on the hospital's actual number of visits for the reporting period.

Using either method, a systematic random sample of visits was obtained. The sampling procedures were designed so that about 100 Patient Records would be completed from each emergency department during the assigned reporting period.

Data for sampled visits were recorded on laptops using the computerized survey tool which emulated the traditional survey instrument, the paper-based ED Patient Record Form (PRF). The ED PRF was designed to reflect the type of care provided in the emergency department. You may view or download representations of the computerized PRF from these web addresses:

Link to Survey Instruments page: [https://www.cdc.gov/nchs/ahcd/ahcd\\_survey\\_instruments.htm](https://www.cdc.gov/nchs/ahcd/ahcd_survey_instruments.htm)

Link to ED Patient Record Form:

<https://www.cdc.gov/nchs/data/nhamcs/2022-NHAMCS-ED-PRF-sample-card-508.pdf>

Terms and definitions relating to the PRF are included in Appendix I.

The 2022 NHAMCS did not include any separate data supplements.

## **E. CONFIDENTIALITY**

In April 2003, the Privacy Rule of the Health Insurance Portability and Accountability Act (HIPAA) was implemented to establish minimum Federal standards for safeguarding the privacy of individually identifiable health information. No personally identifying information, such as patient's name or address or Social Security number, is collected in NHAMCS. Data collection is authorized by Section 306 of the Public Health Service Act (Title 42, U.S. Code, 242k). All information collected is held in the strictest confidence according to law [Section 308(d) of the Public Health Service Act (42, U.S. Code, 242m(d))] and the Confidential Information Protection and Statistical Efficiency Act (44 U.S.C. 3561-3583). The NHAMCS protocol has been approved by the NCHS Research Ethics Review Board annually since February 2003. Waivers of the requirements to obtain informed consent of patients and patient authorization for release of patient medical record data by health care providers have been granted.

In the spring of 2003, NHAMCS implemented additional data collection procedures to help providers assure patient confidentiality. Census Bureau FRs were trained on how the Privacy Rule allows hospitals to make disclosures of protected health information without patient authorization for public health purposes and for research that has been approved by a Research Ethics Review Board. Hospitals were encouraged to accept a data use agreement between themselves and NCHS/CDC, since the Privacy Rule allows hospitals to disclose limited data sets (i.e., data sets with no direct patient identifiers) for research and public health purposes if such an agreement exists. Such practices have been continued annually.

Assurance of confidentiality is provided to all hospitals according to Section 308 (d) of the Public Health Service Act (42 USC 242m). Strict procedures are utilized to prevent disclosure of NHAMCS data. All information which could identify the hospital or its facilities is confidential and seen only by persons engaged in NHAMCS and is not disclosed or released to others for any other purpose. Names and other identifying information for individual patients are never removed from the hospital.

Prior to release of the public use data files, NCHS conducts extensive disclosure risk analysis to minimize the chance of any inadvertent disclosure. For some hospitals, selected characteristics may have been masked on the public use file to minimize the potential for disclosure. Furthermore, outlier values for certain variables such as age were top coded in accordance with NCHS confidentiality requirements. Masking was performed in such a way to cause minimal impact on the data; data users who wish to use unmasked data can apply to the NCHS Research Data Center.

## F. DATA PROCESSING

### 1. Edits

Once electronic data were collected by the Census Bureau, a number of steps were required for data processing. Specifications for checking, configuring, and transmitting the data files were developed by NCHS and applied by the Census Bureau. Data files were transmitted either to NCHS for further processing, or to RTI International, Research Triangle Park, North Carolina. At NCHS, the data underwent multiple consistency checks and review of verbatim entries. RTI edited and coded verbatim entries which required medical coding [patient's reason for visit, physician's diagnosis, and cause of injury] and further assessed the values assigned to a variable that indicated whether the diagnosis is probable, questionable, or rule out. Medication editing and coding were performed entirely at NCHS by the NHAMCS Drug Database Coordinator.

### 2. Quality control

All RTI International medical coding and keying operations were subject to quality control procedures. The contractor selected a 10.4 percent sample of records which were independently recoded and compared. Differences were adjudicated by RTI with error rates reported to NCHS. The overall error rate was 2.4 percent, which varied by item between 0.1 percent and 4.2 percent for the ED sample.

### 3. Adjustment for item nonresponse

Unweighted item nonresponse rates were 5.0 percent or less for all ED items with the following exceptions:

VARIABLE	VARIABLE DESCRIPTION	DENOMINATOR	NONRESPONSE %
WAITTIME	Wait time to first provider (Physician/APRN/PA) contact, in minutes	All visits where first provider (Physician/APRN/PA) contact was made	14.1
RACEUN	Unimputed race	All visits	18.9
ETHUN	Unimputed ethnicity	All visits	14.6
AMBTRANSFER	Was the patient transferred from another hospital or urgent care facility?	Visits where patient arrived by ambulance	19.2

VARIABLE	VARIABLE DESCRIPTION	DENOMINATOR	NONRESPONSE %
PAYTYPER	Recoded primary expected source of payment for visit (based on hierarchy)	All visits	10.8
TEMPF	Initial vital signs: Temperature (Fahrenheit)	All visits	5.9
PULSE	Initial vital signs: Heart rate per minute	All visits	6.0
RESPR	Initial vital signs: Respiratory rate per minute	All visits	5.3
BPSYS	Initial vital signs: Blood pressure - Systolic	All visits	10.8
BPDIAS	Initial vital signs: Blood pressure - Diastolic	All visits	10.9
POPCT	Initial vital signs: Pulse oximetry (percent)	All visits	6.1
IMMEDR	Immediacy with which patient should be seen (unimputed)	All visits to ESAs that conduct nursing triage	27.8
PAINSCALE	Pain scale (0-10)	All visits	44.0
SEEN72	Was patient seen in this ED within the last 72 hours?	All visits	10.7
EPISODE	Episode of care	All visits	10.0
INJPOISAD	Is visit related to an injury/trauma, overdose/poisoning or adverse effect of medical/surgical treatment?	All visits	6.2
INJURY72	Did the injury/trauma, overdose/poisoning, or adverse effect occur within 72 hours prior to the date and time of this visit?	Injury-, poisoning-, and adverse effects-related visits	28.4
INTENT15	Is this injury/overdose/poisoning intentional?	Injury-, poisoning-, and adverse effects-related visits	8.2
INJURY_ENC	Type of encounter for injury visits	Injury-, poisoning-, and adverse effects-related visits	14.4

VARIABLE	VARIABLE DESCRIPTION	DENOMINATOR	NONRESPONSE %
CAUSE1	Cause #1 of injury/trauma, overdose/poisoning, or adverse effect of medical/surgical treatment - detailed category	Injury-, poisoning-, and adverse effects-related visits	30.5
CTCONTRAST	Was CT Scan ordered/provided with intravenous (IV) contrast?	All visits where CT scan was ordered or provided	9.0
MRICONTRAST	Was MRI ordered/provided with intravenous (IV) contrast (also written as with gadolinium or with gado)?	All visits where MRI was ordered or provided	21.0
GPMED6	Was medication #6 given in the ED or prescribed at discharge?	All visits where medication #6 was reported	6.1
GPMED7	Was medication #7 given in the ED or prescribed at discharge?	All visits where medication #7 was reported	8.0
GPMED8	Was medication #8 given in the ED or prescribed at discharge?	All visits where medication #8 was reported	9.4
GPMED9	Was medication #9 given in the ED or prescribed at discharge?	All visits where medication #9 was reported	11.1
GPMED10	Was medication #10 given in the ED or prescribed at discharge?	All visits where medication #10 was reported	13.3
GPMED11	Was medication #11 given in the ED or prescribed at discharge?	All visits where medication #11 was reported	14.2
GPMED12	Was medication #12 given in the ED or prescribed at discharge?	All visits where medication #12 was reported	15.4
GPMED13	Was medication #13 given in the ED or prescribed at discharge?	All visits where medication #13 was reported	16.5
GPMED14	Was medication #14 given in the ED or prescribed at discharge?	All visits where medication #14 was reported	17.0
GPMED15	Was medication #15 given in the ED or prescribed at discharge?	All visits where medication #15 was reported	17.3
GPMED16	Was medication #16 given in the ED or prescribed at discharge?	All visits where medication #16 was reported	18.3
GPMED17	Was medication #17 given in the ED or prescribed at discharge?	All visits where medication #17 was reported	17.8

VARIABLE	VARIABLE DESCRIPTION	DENOMINATOR	NONRESPONSE %
GPMED18	Was medication #18 given in the ED or prescribed at discharge?	All visits where medication #18 was reported	16.8
GPMED19	Was medication #19 given in the ED or prescribed at discharge?	All visits where medication #19 was reported	18.7
GPMED20	Was medication #20 given in the ED or prescribed at discharge?	All visits where medication #20 was reported	15.7
GPMED21	Was medication #21 given in the ED or prescribed at discharge?	All visits where medication #21 was reported	18.8
GPMED22	Was medication #22 given in the ED or prescribed at discharge?	All visits where medication #22 was reported	17.5
GPMED23	Was medication #23 given in the ED or prescribed at discharge?	All visits where medication #23 was reported	13.0
GPMED24	Was medication #24 given in the ED or prescribed at discharge?	All visits where medication #24 was reported	5.4
GPMED25	Was medication #25 given in the ED or prescribed at discharge?	All visits where medication #25 was reported	10.3
GPMED26	Was medication #26 given in the ED or prescribed at discharge?	All visits where medication #26 was reported	5.0
GPMED27	Was medication #27 given in the ED or prescribed at discharge?	All visits where medication #27 was reported	7.1
TEMPDF	Vitals after triage: Temperature in Fahrenheit	All visits where vitals were taken at discharge	35.5
RESPRD	Vitals after triage: Respiratory rate (breaths per minute)	All visits where vitals were taken at discharge	8.1
BPDSYSD	Vitals after triage: Systolic blood pressure	All visits where vitals were taken at discharge	9.2
BPDIASD	Vitals after triage: Diastolic blood pressure	All visits where vitals were taken at discharge	9.3
OBSSTAY	Length of stay in observation unit	Visits that included stay in observation unit	16.9
ADMTPHYS	Admitting physician	Visits that resulted in hospital admission	24.3
ADMIT	Admitted to:	Visits that resulted in hospital admission	14.6

VARIABLE	VARIABLE DESCRIPTION	DENOMINATOR	NONRESPONSE %
HDDIAG1	Hospital discharge diagnosis #1	Visits that resulted in hospital admission	5.4
BOARDHOS	Does your ED allow some admitted patients to move from the ED to inpatient corridors while awaiting a bed ('boarding') - sometimes called 'full capacity protocol'?	All visits	6.9
EDPRIM	When patients with identified primary care physicians (PCP) arrive at the ED, how often do you electronically send notifications to the patients' PCP?	All visits	10.5
EDINFO	When patients arrive at the ED, are you able to query for patients' healthcare information electronically (e.g., medications, allergies) from outside sources?	All visits	8.5
OBSCLIN	Does your ED have an observation or clinical decision unit?	All visits	5.9
AMBDIV	Did your ED go on ambulance diversion in 2021?	All visits	12.4
TOTHRDIVR	What is the total number of hours that your hospital's ED was on ambulance diversion in 2021?	All visits to EDs that went on ambulance diversion	25.0
EXPSPACE	Do you have plans to expand your ED's physical space within the next two years?	All visits	8.5
CATRIAGE	Does your ED use computer-assisted triage?	All visits	6.1
ADVTRIAG	Does your ED use advanced triage (triage-based care) protocols?	All visits	9.5
FASTTRAK	Does your ED use separate fast track for non-urgent care?	All visits	6.3
DASHBOARD	Does your ED use electronic dashboard?	All visits	6.0

VARIABLE	VARIABLE DESCRIPTION	DENOMINATOR	NONRESPONSE %
RFID	Does your ED use radio frequency identification (RFID) tracking?	All visits	5.8
WIRELESS	Does ED use wireless communication devices by providers?	All visits	6.1
ZONENURS	Does your ED use zone nursing?	All visits	6.6
POOLNURS	Does your ED use pool nurses?	All visits	8.5
SURGDAY	How many days in a week are inpatient elective surgeries scheduled?	All visits	6.3
BOARDED	Time from hospital admit order to time actually left ED	Visits that resulted in hospital admission	20.9

Denominators used to compute item nonresponse rates were adjusted to account for skip patterns on the PRFs. For example, if a hospital reported it did not go on ambulance diversion in the specified year, those hospitals were omitted when computing item non-response for the total number of hours the hospital's ED was on ambulance diversion.

For some items, missing values were imputed as described below. In addition to imputing missing data, masking was required for some records for items including race, ethnicity, physician's diagnosis and hospital discharge diagnosis in order to protect respondent confidentiality. These are described in more detail below. Other items such as age were top coded in accordance with NCHS confidentiality requirements; this is noted for specific items in the Codebook.

On the ED file, four items were imputed: age (0.01%), sex (0.1%), race (18.9%), and ethnicity (14.6%). Sex was imputed using a hot deck based on 3-digit ICD-10-CM code for primary diagnosis, triage level, ED volume, and geographic region. Starting with 2010 data, the imputation of patient race and ethnicity has been performed using a model-based single, sequential regression method. The decision to adopt this technique resulted from findings by an internal work group that studied imputation methods with NAMCS and NHAMCS data for nearly two years. The model used to impute race and ethnicity included the following variables: Census variables for ZIP code level race and ethnicity population estimates and an indicator for whether it was patient or hospital ZIP (used when patient ZIP was not available); patient age, sex, race, and ethnicity; triage level; log of ED wait time; primary expected source of payment derived from a hierarchical recode of the expected source of payment question; grouped 3-digit ICD-10-CM codes for primary diagnosis; year of visit; type of ESA area; provider's MSA status; and ED weighting and volume variables.

#### 4. Injury-Related Data

Starting in 2014, injury data were edited using a program which reviewed codes for reason for visit, diagnosis, and cause of injury, and assigned injury and intentionality status accordingly. In this way, records which did not specifically state an injury but for which injury codes for reason, diagnosis, and/or cause of injury were present were recoded appropriately, while records which stated an injury but for which no corroborating data could be found were assigned to a 'questionable' injury status, allowing data users to make their own determination as desired. This method was used each subsequent survey year, but for survey years starting with 2016, the codes used to define injury visits based on diagnosis and cause of injury were changed to reflect the adoption of the International Classification of Diseases, 10<sup>th</sup> Revision, Clinical Modification (ICD-10-CM).

#### G. MEDICAL CODING

The electronic Patient Record form contains several medical items requiring three separate coding systems. These coding systems are described briefly below. Definitions of the medical items can be found in Appendix I.

##### 1. Patient's Complaint(s), Symptoms(s) or Other Reason(s) for this Visit

Information collected in the Reason for Visit item was coded according to [A Reason for Visit Classification for Ambulatory Care \(RVC\)](#) (6). The most recent classification can be found in Appendix II. The classification is updated as needed to incorporate new codes as well as changes to existing codes. The system continues to utilize a modular structure. The digits 1 through 8 precede the 3-digit RVC codes to identify the various modules as follows:

<u>Prefix</u>	<u>Module</u>
"1"	Symptom module
"2"	Disease module
"3"	Diagnostic, screening, and preventive module
"4"	Treatment module
"5"	Injuries and adverse effects module
"6"	Test results module
"7"	Administrative module
"8"	Uncodable entries
"9"	Special code = blank

Up to five reasons for visit were coded from the PRFs in sequence; coding instructions for this item are contained in the Reason for Visit Classification and Coding Manual (7).

##### 2. Cause of Injury/Trauma, Overdose/Poisoning, or Adverse Effect of Medical/Surgical Treatment

Up to three causes of injury/trauma, overdose/poisoning, or adverse effect were coded from text responses to the "Cause of injury/trauma, overdose/poisoning, or adverse effect of medical/surgical treatment" section in the Injury item on the ED PRF. NCHS contracted medical coders used the International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) (8) to code the responses. ICD-10-CM uses additional chapters of codes starting with the letters V, W, X, and Y to describe external causes of injury.

For the NHAMCS ED public use file, only the first four digits of the ICD-10-CM 7-digit cause of injury code are included. There is a separate item added to indicate the encounter status normally found in the 7<sup>th</sup> position for initial episode of care for the injury, subsequent episode of care for the injury, or sequela of the injury. There is an implied decimal between the third and fourth digits and inapplicable 4<sup>th</sup> digits are dash-filled.

Examples: V011 = V01.1 Pedestrian injured in collision with pedal cycle in traffic accident.  
W14- = W14 Fall from tree

Because ICD-10-CM incorporates many alphabetic characters into their expanded list of codes, we can no longer provide numeric recodes for the cause of injury fields.

### **3. Provider's Diagnosis**

Up to five diagnoses were coded in sequence from text responses to the "Diagnosis" item on the ED PRF. NCHS contracted medical coders used the International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) to code the responses. Coding instructions for diagnoses are contained in the NHAMCS Coding Requirements Manual (10).

In ICD-10-CM, diagnosis codes can have a maximum of 7 digits. ICD-10-CM organizes these codes within chapters from A to T. The Z chapter is used to assign codes that relate to factors influencing health status and contact with health services.

For the NHAMCS ED public use file, only the first four digits of the diagnosis codes are included. There is an implied decimal between the third and fourth digits and inapplicable 4<sup>th</sup> digits are dash-filled. For example:

F321 = F32.1 Major depressive disorder, single episode, moderate  
I10- = I10 Essential (primary) hypertension  
Z992 = Z99.2 Dependence on renal dialysis

In addition to these 4-digit diagnosis codes, the following unique codes in the diagnosis fields were developed by Division of Health Care Statistics (DHCS) staff:

ZZZ0 = Noncodable diagnosis, insufficient information for coding, illegible diagnosis  
ZZZ2 = Discharge dispositions entered such as "return to nursing home", "transfer to nursing home", "transfer to psychiatric hospital", "transfer to other hospital", sent to see specialist, referred  
ZZZ3 = Insurance/HMO will not authorize treatment  
ZZZ4 = Entry of "none," "no diagnosis," "no disease," "healthy" as the ONLY entry in the diagnosis item  
ZZZ5 = Entry of "NA", "Not Available", "Not Applicable" or "Blank".  
-9 = Field is blank (in contrast to an actual entry of "Blank")

This code was previously discontinued:

ZZZ1 = Left before being seen, walked out, eloped, left against medical advice

As mentioned above, because ICD-10-CM uses non-numeric characters so extensively, we are no longer able to provide numeric recodes for the diagnosis codes.

### **4. Medications & Immunizations**

The NHAMCS drug data collected in the Medications & Immunizations item have been classified and coded using the entry name (the entry made on the PRF) according to a unique classification scheme developed at NCHS (11). The medical classification system of drugs by entry name uses a five-digit coding scheme which is updated regularly to include new products. It includes the following special codes:

-9 = blank  
99980 = unknown entry, other  
99999 = illegible entry

Up to 30 medications could be recorded for each visit. A list of drug codes by entry name is included in Appendix III.

In addition to drugs coded by entry name, this file contains the following drug information:

**a. Generic drug code:** Drugs were coded in terms of their generic components and therapeutic classifications using Lexicon Plus®, a proprietary database formerly of Cerner Multum, Inc, now licensed as UpToDate Lexidrug by [Wolters Kluwer](#). This is a comprehensive database of all prescription and some nonprescription drug products available in the U.S. drug market.

In accordance with the license agreement, NCHS publications, tabulations, and software applications should cite the Multum Lexicon as the source and basis for the coding and classification of NHAMCS drug data.

All drug codes based on entry name (using NCHS' classification system as cited above) were also assigned a unique generic drug code from Multum's Lexicon Drug Database where possible. The structure of the Multum database is such that multiple ingredient drugs are assigned a single generic drug code encompassing all of a drug's ingredients rather than being assigned generic drug codes for each ingredient.

The generic drug code (DRUGID1-DRUGID30) is 6 digits, beginning with the letters "a", "c", "d" or "n". All Multum codes begin with the letter "d", but there were some drug names reported by NHAMCS participants that were not found in the Lexicon Drug Database. These were assigned unique drug codes beginning with an "a" where a drug's ingredients could be determined, or a "c" (for 2006 and 2007 data only) or an "n" (2008 data forward) where a drug's ingredients could not be determined.

For a description of the method used to code drug data prior to 2006, please see page 20 of the 2009 NHAMCS Public Use File Documentation:

[https://ftp.cdc.gov/pub/Health\\_Statistics/NCHS/Dataset\\_Documentation/NHAMCS/doc09.pdf](https://ftp.cdc.gov/pub/Health_Statistics/NCHS/Dataset_Documentation/NHAMCS/doc09.pdf)

**b. Prescription status code:** A code designed to identify the legal status (prescription or nonprescription) of the drug entry.

**c. Controlled substance status code:** A code used to denote the degree of potential abuse and federal control of a drug entry.

**d. Composition status code:** A code used to distinguish between single-ingredient and combination drugs.

**e. Therapeutic category code:** Multum's therapeutic classification system was first used in the 2006 NHAMCS public use files. Prior to that time, a 4-digit code was used to identify up to three therapeutic classes to which the drug entry might belong. (Prior to 2002 only a single therapeutic class was listed, but additional classes can be added for those years using tools available at the NHAMCS website.) These were based on the standard drug classifications used in the National Drug Code Directory, 1995 edition (12).

The Multum Lexicon provides a 3-level nested category system that assigns a therapeutic classification to each drug and each ingredient of the drug (e.g., for naproxen: the broadest category is central nervous system agents [level 1]; the more detailed category is analgesics [level 2]; and the most detailed category is nonsteroidal anti-inflammatory agents [level 3]). Not all drugs have three classification levels; some may only have two [e.g., for digoxin: cardiovascular agents [level 1]; inotropic agents [level 2]], others only have one. See Appendix III for the complete Multum category scheme.

Each drug may have up to four therapeutic categories on the public use file. The variables RX1CAT1 through RX30CAT4 reflect the unique Multum drug categories for a particular drug; these are character

values with codes from '001' through '519'. This variable will always show the most detailed therapeutic level available for a particular drug.

For example, psychotherapeutic agents in Multum are further classified into a second more detailed level as antidepressants or antipsychotics. Antidepressants are further classified into seven subcategories (miscellaneous antidepressants, SSRI antidepressants, tricyclic antidepressants, monoamine oxidase inhibitors, phenylpiperazine antidepressants, tetracyclic antidepressants, and SSNRI antidepressants); antipsychotics are further classified into four subcategories. For a drug categorized as a tricyclic antidepressant, it would have a drug category code of '209', reflecting the Level 3 code.

Other drugs may have only two levels available, such as nutritional products. There are six level 2 categories of nutritional products, with no further breakdowns into a third level in the Multum system. Therefore, RX1CAT1 would reflect only a second level code in that case. So, using RX1CAT1-RX30CAT4 will allow you to identify the most specific level of a drug, but will not, by itself, identify whether that code reflects the first, second, or third level.

In order to understand each level in terms of the Multum hierarchy, we have also placed on the file additional variables that show the full first, second, and third levels, if applicable, for each drug category for each drug. For example, in the case of the tricyclic antidepressant mentioned earlier, RX1CAT1='209'. But there are three additional variables corresponding to that drug's first therapeutic category. RX1V1C1 (meaning Drug 1, Level 1 of Therapeutic Category 1) would be '242' (psychotherapeutic agents), RX1V2C1 (Drug 1, Level 2 of Therapeutic Category 1) would be '249' (antidepressants), and RX1V3C1 (Drug 1, Level 3 of Therapeutic Category 1) would be '209' (tricyclic antidepressants). If there were no second or third level for a particular category, the entry would be blank (' '). This is repeated for each of the drug's maximum of four therapeutic categories. The three levels can easily be concatenated by data users if they wish to obtain a complete code showing the full level structure applicable to each drug's therapeutic categories. An advantage of having separate levels is that it allows data users to aggregate drugs at any level desired. SAS code is provided at the [website](#) for micro-data users who wish to group therapeutic categories in various ways.

All drugs were coded using Multum drug categories, even those drugs that were not found in Multum's drug database. "Unspecified" drugs were assigned to their respective therapeutic category (e.g., hormones – unspecified: category id=97, category name=hormones/hormone modifiers). Drugs that could not be assigned to any drug entry name (MED1-MED30 = 99980, 99999) were put in an NCHS-defined miscellaneous category.

In some cases, NCHS was able to categorize a drug's therapeutic class at the first or second Multum level, but not at the more detailed level. When this occurred, the undetermined levels are designated as '999' in the data.

Multum uses a "combination" category for some multiple ingredient drugs. These include antihypertensive combinations, antiasthmatic combinations, upper respiratory combinations, psychotherapeutic combinations, bronchodilator combinations, sex hormone combinations, skeletal muscle relaxant combinations, and narcotic analgesic combinations. This categorization may be sufficient for certain analyses but not for others because it lacks information about the therapeutic effect of the individual ingredients that make up the combination. For example, the drug HYDROCHLOROTHIAZIDE; LOSARTAN is identified as an antihypertensive combination. Therefore, we know that this drug has an antihypertensive drug effect. However, based on this combination category we do not know that the drug's single ingredients have the therapeutic effects of a diuretic and angiotensin II inhibitor, which is relevant for some analyses.

As a result, NCHS decided that, in addition to assigning therapeutic categories to each drug, a separate file would be provided listing the ingredients for each drug along with the therapeutic classes for each ingredient. In the case of single ingredient drugs, the ingredient therapeutic categories would be the same as the drug therapeutic categories. This separate downloadable file (the current version is

DRUG\_INGREDIENTS\_2022 in the “DRUGS” folder in the Downloadable Documentation section of the [website](#)) can be matched to the main file using the DRUGID code. For each DRUGID on the main file, the supplemental file contains up to 5 ingredients and up to 3 therapeutic category codes for each ingredient. Prior to 2006, codes used to identify the active generic ingredients of combination drugs were included on the public use file.

**NOTE:** For 2022, we have continued to update and revise the drug characteristics in our ambulatory care drug database, which underwent substantial revision beginning in 2002. From 2002-2005, each drug entry had up to three therapeutic classes associated with it, compared with a single therapeutic class in prior years. These factors made trend analyses more problematic, and the solution was to provide researchers with a Drug Characteristics file, which was updated annually, at our Ambulatory Health Care Data website. The characteristics from this file can be applied by matching on drug codes to previous years of data in order to get the most accurate results when doing trend analyses prior to 2006. A SAS program for applying drug characteristics from the Drug Characteristics file to previous years of public use data is also available for downloading.

However, with the adoption of the Multum Lexicon for coding drugs according to generic ingredients and therapeutic categories, a new solution for trend analysis was necessary. Therefore, beginning with the 2006 data release, we also provided a separate downloadable mapping file (MEDCODE\_DRUGID\_MAP\_2006), which allowed data users to match all of the drug codes used in previous years (for example, MED1-MED8 in 2005) with the corresponding Multum DRUGID code for generic composition of the drug and its corresponding therapeutic categories. Once that was accomplished, users could also match to the drug ingredient file as described above.

The mapping file has been updated over the years and can be downloaded [here](#). Note, however, that the most recent version on the website is for 2012; resource issues have prevented us from updating it since that time.

Researchers should keep in mind, that in cases where drug characteristics have legitimately changed over time (e.g., moving from prescription to non-prescription status), using a newer version of the drug characteristics will overwrite all of the older ones, thereby introducing inaccuracies for earlier years.

Data users should also keep in mind that the Multum classification system can itself change over time, with new categories being added and some therapeutic categories being removed from an existing category and placed in a new one. In coding 2009 data, for example, therapeutic class was modified to reflect changes to the Multum Lexicon system regarding the therapeutic class of Genitourinary Tract Agents. This was previously a second-level category within the first-level category of Miscellaneous Agents. It was changed to a first-level category of Genitourinary Tract Agents. All of the previous third-level classes within the original scheme were changed to second-level categories in the new scheme.

For users who are interested in analyzing drug data, one method involves the isolation of those records with drugs, or drug mentions, and the creation of a separate data file of drug mentions. Each Patient Record for 2022 can have up to thirty (ED) drug mentions recorded, so whatever file is created would need to include all of them. This method can be used for obtaining estimates of drug mentions but is not necessarily recommended for variance estimation. Rather, the structure of the visit file should be kept intact when estimating variance. In order to do this, estimates of drug mentions can be obtained by creating a new weight variable (called DRUGWT in this example). This variable is created by multiplying PATWT (the patient visit weight) by NUMMED (the number of medications recorded at the sampled visit) or  $DRUGWT = PATWT * NUMMED$ . DRUGWT can then be used in place of PATWT to weight one's data; it produces the estimated number of drug mentions rather than visits. (See Codebook for more on PATWT and NUMMED.)

This documentation contains marginal data for drug mentions. Should the data user need additional assistance in analyzing data on drug mentions, the staff of the Data Analytics and Production Branch

(formerly Ambulatory and Hospital Care Statistics Branch) is available by calling (301) 458-4600 or emailing [ambcare@cdc.gov](mailto:ambcare@cdc.gov). Our website can be accessed at: <http://www.cdc.gov/nchs/ahcd.htm>

## H. ESTIMATION PROCEDURES

Statistics from NHAMCS were derived by a multistage estimation procedure that produces essentially unbiased estimates. The estimation procedure has three basic components: 1) inflation by reciprocals of the sampling selection probabilities; 2) adjustment for nonresponse; and 3) a population weighting ratio adjustment.

### **1. Inflation by reciprocals of selection probabilities**

There is one probability for each sampling stage: a) the probability of selecting the PSU; b) the probability of selecting the hospital; and c) the probability of selecting the visit within the ESA. The last probability is calculated to be the sample size from the ESA divided by the total number of visits occurring in that unit during that unit's data collection period. The overall probability of selection is the product of the probabilities at each stage. The inverse of the overall selection probability is the basic inflation weight.

### **2. Adjustment for nonresponse**

NHAMCS data were adjusted to account for two types of nonresponse. The first type of nonresponse occurs when a sample hospital refuses to provide information about its ESA(s) which are publicly known to exist. In this case, the weights of visits to hospitals similar to the nonrespondent hospitals were inflated to account for visits made to the nonrespondent hospitals where hospitals were judged to be similar if they were in the same region, had the same department size, and had the same metropolitan statistical area (MSA) status (that is, whether they were located in an MSA or not in an MSA).

The second type of nonresponse occurs when an ESA within a respondent hospital fails to provide completed PRFs for a sample of its patient visits. In this case, the weights for visits to ESAs similar to nonrespondent ESAs were inflated to account for visits represented by nonrespondent ESAs where ESAs were judged to be similar if they were in the same region, MSA status group, and ESA group. The ESA groups include general, adult, pediatric, urgent care/fast track, psychiatric, and "other", as defined in the survey's ambulatory unit induction interview.

Beginning in 2004, changes were made to the nonresponse adjustment factor to account for the seasonality of the reporting period. Extra weights for nonresponding hospital OPDs and EDs were shifted to responding outpatient and emergency departments in reporting periods within the same quarter of the year. The shift in nonresponse adjustment did not significantly affect any of the overall annual estimates. However, adjustment for non-response within season was not feasible for the 2016 NHAMCS due to uneven ED response across seasons. It was performed for the 2017 NHAMCS and 2018 NHAMCS but was not feasible for the 2019, 2020, 2021, or 2022 surveys.

### **3. Ratio adjustments**

Adjustments were made within hospital strata defined by region. Within the Northeast, the Midwest and the South, the adjustment strata were further defined by MSA status. The adjustment was a multiplicative factor that had as its numerator the sum of annual visit volumes reported for EDs in sampling frame hospitals in the stratum and as its denominator the estimated number of those visits for that stratum.

## I. PATIENT VISIT WEIGHT

The "patient visit weight" is a vital component in the process of producing estimates from sample data and its use should be clearly understood by all data file users. The statistics contained on the micro-data file reflect only a sample of patient visits-- not a complete count of all such visits that occurred in the United States. Each record on the ED file represents one visit in the sample of 16,025 visits. In order to obtain estimates from the sample, each record is assigned an inflation factor called the "patient visit weight."

By aggregating the "patient visit weights" assigned to the PATWT variable on the 16,025 sample visit records for 2022, the user can obtain the estimated total of 155,397,747 ED visits made in the United States.

**IMPORTANT:** Estimates for classes of ED visits other than the total produced from the 2022 ED public use file may differ somewhat from those estimates produced from NCHS in-house files. This is because of adjustments required for the public use data as part of the disclosure avoidance process. Certain variables were masked on some records for confidentiality purposes. Other items such as age were top coded in accordance with NCHS confidentiality requirements; this is noted for specific items in the Codebook.

The marginal tables in Section III contain data on numbers of records for selected variables as well as the corresponding estimated number of visits and drug mentions obtained by aggregating the "patient visit weights" on those records.

## J. HOSPITAL CODE and PATIENT CODE

The purpose of these codes is to allow for greater analytical depth by permitting the user to link each hospital's individual PRFs on the public use file. This linkage will enable users to conduct more comprehensive analysis without violating the confidentiality of patients or hospitals. Hospital codes are randomly assigned each year.

To uniquely identify a record, both the hospital code and the patient code must be used. Patient codes are merely a sequential numbering of the visits submitted by the hospital and alone will not uniquely identify visit records. In order to do so, both the unique 3-digit hospital code and the 3-digit patient code must be used.

## K. USE OF THE ED WEIGHT

An emergency department weight (EDWT) was first added to the 2005 ED public use file. These weights enable data users to calculate department-level estimates. There is generally one weight for each emergency department which appears on the first visit record only for that department.

When running an analysis of facility-level characteristics using EDWT, it is recommended to select only those records where EDWT is greater than 0. This will result in correct sample counts of variables, which is useful for assessing reliability. Weighted estimates will be correct either way, because of the one weight per department format.

Estimates at the ED level generated using EDWT reflect only the characteristics of facilities which participated in the survey. Therefore, estimates made with EDWT could be biased if nonresponding facilities had different characteristics than those which responded.

In addition to producing estimates of department-level characteristics, it is possible to compute means of visit characteristics at the department level, for example, caseload percentages across emergency departments for expected source of payment. This type of analysis is somewhat complicated and is described with sample SAS code at the Ambulatory Health Care Data website ([NAMCS/NHAMCS - Ambulatory Health Care Data Homepage \(cdc.gov\)](#)). For more information, contact the Data Analytics and Production Branch at 301-458-4600 or email us at [ambcare@cdc.gov](mailto:ambcare@cdc.gov).

## L. POPULATION FIGURES

The base population used in computing annual visit rates is presented in tables I and II. The estimates of age, sex, race, ethnicity, and geographic region for the civilian noninstitutionalized population of the U.S. were provided by the Population Division, U.S. Census Bureau, from their July 1, 2022 estimates series. These estimates were developed from a “blended base” for April 1, 2020 which integrates the results of the 2020 Census, the 2020 Demographic Analysis estimates, and the Vintage 2020 estimates series. Therefore, there may be differences between these April 1, 2020 estimates and the results released from the 2020 Census. The Vintage 2022 population estimates methodology statement is located at this URL: <https://www2.census.gov/programs-surveys/popest/technical-documentation/methodology/2020-2022/methods-statement-v2022.pdf>

Population estimates by metropolitan statistical area (MSA) status are based on estimates of the civilian noninstitutionalized population from the 2022 National Health Interview Survey (NHIS), National Center for Health Statistics, compiled according to the March 2020 Office of Management and Budget definition of core-based statistical areas. Information about MSA definitions is [available](#) from the U.S. Census Bureau.

Population estimates for race groups in the 2022 NHAMCS are based on data from the 2020 U.S. Census in which respondents were able to indicate more than one race category. Specific race denominators reflect persons with a single race identification, and a separate denominator is available for persons with more than one race designation. For a description of differences in the collection of race data as well as population denominators used for producing visit rates by race prior to 2002, please see the 2009 NHAMCS Public Use File Documentation.

Data indicate that multiple races are recorded for a patient less frequently in medical records compared to their numbers in the general population. The 2022 population estimates indicate that 3.0 percent of the total population identify themselves as being of multiple races. In contrast, multiple race patients account for 0.5 percent of weighted ED visits (based on known race data only). (REMINDER: Since 2009, NHAMCS data only include imputed values for the race categories White, Black, and Other.) Differences may exist because hospital staff are less likely to know and record multiple race preferences for patients, and not because, after age-adjusting, persons with multiple races make fewer visits to EDs. This implies that the ED visit rates by race populations calculated for 2022 are probably slight overestimates for the single race categories and underestimates for the multiple race category.

Table I. U.S. population estimates used in computing annual visit rates for the National Hospital Ambulatory Medical Care Survey, by age, race, and sex: July 1, 2022

Race and sex	All ages	Under 1	1-4	5-14	15-24	25-34
All Races	328,593,847	3,681,943	14,852,182	40,871,506	43,511,310	44,448,928
Male	162,067,209	1,882,289	7,590,688	20,915,846	21,982,344	22,280,306
Female	166,526,638	1,799,654	7,261,494	19,955,660	21,528,966	22,168,622
White Only	248,329,368	2,517,163	10,247,892	28,900,280	31,761,314	32,210,668
Male	123,538,931	1,288,520	5,243,974	14,817,297	16,132,722	16,303,373
Female	124,790,437	1,228,643	5,003,918	14,082,983	15,628,592	15,907,295
Black Only	44,232,683	618,072	2,393,640	6,277,545	6,409,965	6,739,797
Male	20,925,464	313,729	1,213,118	3,183,580	3,157,595	3,253,660
Female	23,307,219	304,343	1,180,522	3,093,965	3,252,370	3,486,137
AIAN* Only	4,320,482	67,222	273,971	683,062	664,919	640,339
Male	2,168,021	34,248	140,052	347,725	335,204	324,878
Female	2,152,461	32,974	133,919	335,337	329,715	315,461
Asian Only	20,863,578	219,137	908,928	2,428,190	2,557,819	3,280,545
Male	10,047,256	113,011	468,367	1,247,559	1,287,571	1,615,463
Female	10,816,322	106,126	440,561	1,180,631	1,270,248	1,665,082
NHOPI* Only	865,309	13,614	55,416	136,027	122,980	132,553
Male	436,781	7,054	28,550	69,192	61,808	67,618
Female	428,528	6,560	26,866	66,835	61,172	64,935
MultipleRace	9,982,427	246,735	972,335	2,446,402	1,994,313	1,445,026
Male	4,950,756	125,727	496,627	1,250,493	1,007,444	715,314
Female	5,031,671	121,008	475,708	1,195,909	986,869	729,712

\*NHOPI is Native Hawaiian/Other Pacific Islander. AIAN is American Indian/Alaska Native.

Geographic Region totals		Metropolitan Statistical Area totals	
Northeast	56,428,571	MSA	283,642,770
Midwest	67,891,434	Non-MSA	44,951,077
South	126,536,759		
West	77,737,083		

Table I. U.S. population estimates used in computing annual visit rates for the National Hospital Ambulatory Medical Care Survey, by age, race, and sex: July 1, 2022 - con.

Race and sex	35-44	45-54	55-64	65-74	75+
All Races	42,981,804	39,985,323	41,836,869	33,548,969	22,875,013
Male	21,497,420	19,901,082	20,495,901	15,791,049	9,730,284
Female	21,484,384	20,084,241	21,340,968	17,757,920	13,144,729
White Only	32,041,626	30,531,891	33,257,366	27,538,427	19,322,741
Male	16,295,554	15,463,335	16,507,915	13,149,113	8,337,128
Female	15,746,072	15,068,556	16,749,451	14,389,314	10,985,613
Black Only	5,856,321	5,227,389	5,177,874	3,567,465	1,964,615
Male	2,740,161	2,413,509	2,385,295	1,540,691	724,126
Female	3,116,160	2,813,880	2,792,579	2,026,774	1,240,489
AIAN* Only	576,907	495,659	451,902	297,564	168,937
Male	297,477	252,723	222,513	140,154	73,047
Female	279,430	242,936	229,389	157,410	95,890
Asian Only	3,376,623	2,912,372	2,297,404	1,718,581	1,163,979
Male	1,618,476	1,378,723	1,069,394	761,994	486,698
Female	1,758,147	1,533,649	1,228,010	956,587	677,281
NHOPI* Only	133,921	101,477	85,214	53,809	30,298
Male	69,664	51,468	42,179	25,718	13,530
Female	64,257	50,009	43,035	28,091	16,768
Multiple Races	996,406	716,535	567,109	373,123	224,443
Male	476,088	341,324	268,605	173,379	95,755
Female	520,318	375,211	298,504	199,744	128,688

\*NHOPI is Native Hawaiian/Other Pacific Islander. AIAN is American Indian/Alaska Native.

SOURCE: These are U.S. Bureau of the Census postcensal estimates of the civilian noninstitutionalized population of the United States as of July 1, 2022. They were developed by the Population Division, U.S. Census Bureau from a "blended base" for April 1, 2020 which integrates the results of the 2020 Census, the 2020 Demographic Analysis estimates, and the Vintage 2020 estimates series. The Vintage 2022 population estimates methodology statement is located at this URL:

<https://www2.census.gov/programs-surveys/popest/technical-documentation/methodology/2020-2022/methods-statement-v2022.pdf>

Table II. U.S. population estimates used in computing annual visit rates for the National Hospital Ambulatory Medical Care Survey, by ethnicity, age, race, and sex: July 1, 2022

**HISPANIC**

Race and sex	All ages	Under 1	1-4	5-14	15-24	25-34
All Races	63,027,472	997,674	3,913,481	10,557,951	10,622,203	9,507,624
Male	31,753,132	507,845	1,992,876	5,386,798	5,378,311	4,852,136
Female	31,274,340	489,829	1,920,605	5,171,153	5,243,892	4,655,488
White Only	54,825,178	809,700	3,186,943	8,875,607	9,217,872	8,299,740
Male	27,646,296	412,188	1,622,250	4,530,082	4,665,864	4,240,496
Female	27,178,882	397,512	1,564,693	4,345,525	4,552,008	4,059,244
Black Only	3,288,813	74,547	280,449	648,225	546,991	489,815
Male	1,613,324	37,899	142,513	329,502	277,012	245,179
Female	1,675,489	36,648	137,936	318,723	269,979	244,636
AIAN* Only	1,947,319	42,068	167,372	357,106	313,722	284,176
Male	1,008,379	21,407	85,739	181,599	160,025	148,070
Female	938,940	20,661	81,633	175,507	153,697	136,106
Asian Only	670,899	15,217	60,041	134,330	107,599	96,509
Male	334,836	7,737	30,692	68,848	54,910	47,630
Female	336,063	7,480	29,349	65,482	52,689	48,879
NHOPI* Only	240,782	5,529	21,539	47,244	36,874	35,970
Male	123,759	2,857	11,035	23,881	18,466	18,919
Female	117,023	2,672	10,504	23,363	18,408	17,051
Multiple Races	2,054,481	50,613	197,137	495,439	399,145	301,414
Male	1,026,538	25,757	100,647	252,886	202,034	151,842
Female	1,027,943	24,856	96,490	242,553	197,111	149,572

Table II. U.S. population estimates used in computing annual visit rates for the National Hospital Ambulatory Medical Care Survey, by ethnicity, age, race, and sex: July 1, 2022 - con.

Race and sex	35-44	45-54	55-64	65-74	75+
All Races	8,948,958	7,616,792	5,635,390	3,253,438	1,973,961
Male	4,647,396	3,873,973	2,805,007	1,513,309	795,481
Female	4,301,562	3,742,819	2,830,383	1,740,129	1,178,480
White Only	7,863,655	6,789,579	5,046,008	2,931,185	1,804,889
Male	4,100,011	3,465,470	2,518,543	1,364,089	727,303
Female	3,763,644	3,324,109	2,527,465	1,567,096	1,077,586
Black Only	446,830	337,742	246,755	139,810	77,649
Male	214,912	157,524	115,487	62,936	30,360
Female	231,918	180,218	131,268	76,874	47,289
AIAN* Only	273,302	223,902	161,160	84,421	40,090
Male	148,521	119,885	83,900	41,870	17,363
Female	124,781	104,017	77,260	42,551	22,727
Asian Only	89,729	72,639	51,146	28,475	15,214
Male	45,272	35,986	24,772	13,008	5,981
Female	44,457	36,653	26,374	15,467	9,233
NHOPI*	36,608	26,330	17,728	8,682	4,278
Male	20,206	13,688	8,856	4,083	1,768
Female	16,402	12,642	8,872	4,599	2,510
Multiple Races	238,834	166,600	112,593	60,865	31,841
Male	118,474	81,420	53,449	27,323	12,706
Female	120,360	85,180	59,144	33,542	19,135

\*NHOPI is Native Hawaiian/Other Pacific Islander. AIAN is American Indian/Alaska Native.

SOURCE: These are U.S. Bureau of the Census postcensal estimates of the civilian noninstitutionalized population of the United States as of July 1, 2022. They were developed by the Population Division, U.S. Census Bureau from a "blended base" for April 1, 2020 which integrates the results of the 2020 Census, the 2020 Demographic Analysis estimates, and the Vintage 2020 estimates series. The Vintage 2022 population estimates methodology statement is located at this URL:

<https://www2.census.gov/programs-surveys/popest/technical-documentation/methodology/2020-2022/methods-statement-v2022.pdf>

Table II. U.S. population estimates used in computing annual visit rates for the National Hospital Ambulatory Medical Care Survey, by ethnicity, age, race, and sex: July 1, 2022 – con.

**NON-HISPANIC**

Race and sex	All ages	Under 1	1-4	5-14	15-24	25-34
All Races	265,566,375	2,684,269	10,938,701	30,313,555	32,889,107	34,941,304
Male	130,314,077	1,374,444	5,597,812	15,529,048	16,604,033	17,428,170
Female	135,252,298	1,309,825	5,340,889	14,784,507	16,285,074	17,513,134
White Only	193,504,190	1,707,463	7,060,949	20,024,673	22,543,442	23,910,928
Male	95,892,635	876,332	3,621,724	10,287,215	11,466,858	12,062,877
Female	97,611,555	831,131	3,439,225	9,737,458	11,076,584	11,848,051
Black Only	40,943,870	543,525	2,113,191	5,629,320	5,862,974	6,249,982
Male	19,312,140	275,830	1,070,605	2,854,078	2,880,583	3,008,481
Female	21,631,730	267,695	1,042,586	2,775,242	2,982,391	3,241,501
AIAN* Only	2,373,163	25,154	106,599	325,956	351,197	356,163
Male	1,159,642	12,841	54,313	166,126	175,179	176,808
Female	1,213,521	12,313	52,286	159,830	176,018	179,355
Asian Only	20,192,679	203,920	848,887	2,293,860	2,450,220	3,184,036
Male	9,712,420	105,274	437,675	1,178,711	1,232,661	1,567,833
Female	10,480,259	98,646	411,212	1,115,149	1,217,559	1,616,203
NHOPI*	624,527	8,085	33,877	88,783	86,106	96,583
Male	313,022	4,197	17,515	45,311	43,342	48,699
Female	311,505	3,888	16,362	43,472	42,764	47,884
Multiple Races	7,927,946	196,122	775,198	1,950,963	1,595,168	1,143,612
Male	3,924,218	99,970	395,980	997,607	805,410	563,472
Female	4,003,728	96,152	379,218	953,356	789,758	580,140

Table II. U.S. population estimates used in computing annual visit rates for the National Hospital Ambulatory Medical Care Survey, by ethnicity, age, race, and sex: July 1, 2022 - con.

### **NON-HISPANIC**

Race and sex	35-44	45-54	55-64	65-74	75+
All Races	34,032,846	32,368,531	36,201,479	30,295,531	20,901,052
Male	16,850,024	16,027,109	17,690,894	14,277,740	8,934,803
Female	17,182,822	16,341,422	18,510,585	16,017,791	11,966,249
White Only	24,177,971	23,742,312	28,211,358	24,607,242	17,517,852
Male	12,195,543	11,997,865	13,989,372	11,785,024	7,609,825
Female	11,982,428	11,744,447	14,221,986	12,822,218	9,908,027
Black Only	5,409,491	4,889,647	4,931,119	3,427,655	1,886,966
Male	2,525,249	2,255,985	2,269,808	1,477,755	693,766
Female	2,884,242	2,633,662	2,661,311	1,949,900	1,193,200
AIAN* Only	303,605	271,757	290,742	213,143	128,847
Male	148,956	132,838	138,613	98,284	55,684
Female	154,649	138,919	152,129	114,859	73,163
Asian Only	3,286,894	2,839,733	2,246,258	1,690,106	1,148,765
Male	1,573,204	1,342,737	1,044,622	748,986	480,717
Female	1,713,690	1,496,996	1,201,636	941,120	668,048
NHOPI*	97,313	75,147	67,486	45,127	26,020
Male	49,458	37,780	33,323	21,635	11,762
Female	47,855	37,367	34,163	23,492	14,258
Multiple Races	757,572	549,935	454,516	312,258	192,602
Male	357,614	259,904	215,156	146,056	83,049
Female	399,958	290,031	239,360	166,202	109,553

\*NHOPI is Native Hawaiian/Other Pacific Islander. AIAN is American Indian/Alaska Native.

SOURCE: These are U.S. Bureau of the Census postcensal estimates of the civilian noninstitutionalized population of the United States as of July 1, 2022. They were developed by the Population Division, U.S. Census Bureau from a "blended base" for April 1, 2020 which integrates the results of the 2020 Census, the 2020 Demographic Analysis estimates, and the Vintage 2020 estimates series. The Vintage 2022 population estimates methodology statement is located at this URL:

<https://www2.census.gov/programs-surveys/popest/technical-documentation/methodology/2020-2022/methods-state-ment-v2022.pdf>

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12. Food and Drug Administration. National Drug Code Directory, 1995 Edition. Washington: Public Health Service. 1995.

Information concerning additional reports using NHAMCS data that have been published or are scheduled for publication through NCHS may be obtained from the Data Analytics and Production Branch (formerly Ambulatory and Hospital Care Statistics Branch).

## II. A. CODEBOOK OF EMERGENCY DEPARTMENT MICRO-DATA FILE

Number of records = 16,025

This section consists of a detailed breakdown of each data record. For each item on the record, the user is provided with a sequential item number, field length, file location, and brief description of the item, along with valid codes. Unless otherwise stated in the "item description" column, the data are derived from the Emergency Department automated Patient Record form. The hospital induction interview is another source of information, and some data are derived by recoding selected items.

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
DATE OF VISIT			
1	2	1-2	[VMONTH] MONTH OF VISIT 01-12: January-December
2	1	3	[VDAYR] DAY OF WEEK OF VISIT 1 = Sunday 2 = Monday 3 = Tuesday 4 = Wednesday 5 = Thursday 6 = Friday 7 = Saturday
3	4	4-7	[ARRTIME] ARRIVAL TIME (military time) -9 = Blank 0000-2359
4	4	8-11	[WAITTIME] WAITING TIME TO FIRST PROVIDER (PHYSICIAN/APRN/PA) CONTACT (in minutes)  (Note: APRN is advanced practice registered nurse, PA is physician assistant)  Calculated from date and time of ED arrival, and time of first provider (PHYSICIAN/APRN/PA) contact  -9 = Blank -7 = Not applicable (Not seen by PHYSICIAN/APRN/PA) 0-1280 (reported range in 2022)
5	4	12-15	[LOV] LENGTH OF VISIT (minutes) Calculated from date and time of ED arrival and discharge -9 = Blank 0-5722 (reported range)

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
6	3	16-18	[AGE] PATIENT AGE (IN YEARS; DERIVED FROM DATE OF VISIT AND DATE OF BIRTH) Note: Outlier values were top coded in accordance with NCHS confidentiality requirements. 0 = Under 1 year 1 - 93 94 = 94 years or older
7	1	19	[AGER] AGE RECODE 1 = Under 15 years 2 = 15-24 years 3 = 25-44 years 4 = 45-64 years 5 = 65-74 years 6 = 75 years and over
8	3	20-22	[AGEDAYS] AGE IN DAYS FOR PATIENTS LESS THAN ONE YEAR OF AGE -7 = Not applicable 001-364 = 001-364 days
9	2	23-24	[RESIDNCE] PATIENT RESIDENCE -9 = Blank -8 = Unknown 1 = Private residence 2 = Nursing home 3 = Homeless/homeless shelter 4 = Other
10	1	25	[SEX] SEX 1 = Female 2 = Male
11	2	26-27	[ETHUN] ETHNICITY (UNIMPUTED) This variable is NOT imputed. Ethnicity data were missing on 14.6 ED records. An imputed ethnicity variable can be found in column 28. -9= Blank 1 = Hispanic or Latino 2 = Not Hispanic or Latino
12	1	28	[ETHIM] ETHNICITY (WITH MISSING DATA IMPUTED) 1 = Hispanic or Latino 2 = Not Hispanic or Latino

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
13	2	29-30	<p>[RACEUN] RACE (UNIMPUTED)</p> <p>This variable is NOT imputed. Race data were missing on 18.9 of ED records. An imputed race variable can be found in column 31.</p> <ul style="list-style-type: none"> <li>-9 = Blank</li> <li>1 = White</li> <li>2 = Black/African American</li> <li>3 = Asian</li> <li>4 = Native Hawaiian/Other Pacific Islander</li> <li>5 = American Indian/Alaska Native</li> <li>6 = More than one race reported</li> </ul>
14	1	31	<p>[RACER] RACE (WITH MISSING DATA IMPUTED)</p> <ul style="list-style-type: none"> <li>1 = White</li> <li>2 = Black</li> <li>3 = Other</li> </ul>
15	1	32	<p>[RACERETH] RACE/ETHNICITY (WITH MISSING DATA IMPUTED)</p> <ul style="list-style-type: none"> <li>1 = Non-Hispanic White</li> <li>2 = Non-Hispanic Black</li> <li>3 = Hispanic</li> <li>4 = Non-Hispanic Other</li> </ul>
16	2	33-34	<p>[ARREMS] Arrival by ambulance</p> <ul style="list-style-type: none"> <li>-9 = Blank</li> <li>-8 = Unknown</li> <li>1 = Yes</li> <li>2 = No</li> </ul>
17	2	35-36	<p>[AMBTRANSFER] If "Yes" to Arrival by Ambulance, was the patient transferred from another hospital or urgent care facility?</p> <ul style="list-style-type: none"> <li>-9 = Blank</li> <li>-8 = Unknown</li> <li>-7 = Not applicable</li> <li>1 = Yes</li> <li>2 = No</li> </ul>
18	1	37	<p>[NOPAY] No answer to expected source of payment item</p> <ul style="list-style-type: none"> <li>0 = At least one source of payment is recorded</li> <li>1 = All sources of payments are blank</li> </ul>
19	1	38	<p>[PAYPRIV] EXPECTED SOURCE(S) OF PAYMENT FOR THIS VISIT: PRIVATE INSURANCE</p> <ul style="list-style-type: none"> <li>0 = No</li> <li>1 = Yes</li> </ul>
20	1	39	<p>[PAYMCARE] EXPECTED SOURCE(S) OF PAYMENT FOR THIS VISIT: MEDICARE</p> <ul style="list-style-type: none"> <li>0 = No</li> <li>1 = Yes</li> </ul>

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
21	1	40	[PAYMCAID] EXPECTED SOURCE(S) OF PAYMENT FOR THIS VISIT: MEDICAID or CHIP OR OTHER STATE-BASED PROGRAM 0 = No 1 = Yes
22	1	41	[PAYWKCMP] EXPECTED SOURCE(S) OF PAYMENT FOR THIS VISIT: WORKERS' COMPENSATION 0 = No 1 = Yes
23	1	42	[PAYSELF] EXPECTED SOURCE(S) OF PAYMENT FOR THIS VISIT: SELF PAY 0 = No 1 = Yes
24	1	43	[PAYNOCHG] EXPECTED SOURCE(S) OF PAYMENT FOR THIS VISIT: NO CHARGE / CHARITY 0 = No 1 = Yes
25	1	44	[PAYOTH] EXPECTED SOURCE(S) OF PAYMENT FOR THIS VISIT: OTHER 0 = No 1 = Yes
26	1	45	[PAYDK] EXPECTED SOURCE(S) OF PAYMENT FOR THIS VISIT: UNKNOWN 0 = No 1 = Yes
27	2	46-47	[PAYTYPER] RECODED PRIMARY EXPECTED SOURCE OF PAYMENT FOR THIS VISIT (Using this hierarchy of payment categories: Medicare, Medicaid or CHIP, Private Insurance, Worker's Compensation, Self-Pay, No Charge/Charity, Other, Unknown)  NOTE change in hierarchy starting in 2008 relative to previous years. In 2005-2007, dual-eligible Medicare and Medicaid recipients had been grouped under Medicaid; this was changed to Medicare starting in 2008. See page 2 of the 2009 NHAMCS Public Use Data File documentation for more information. Researchers can also create their own hierarchy as desired. -9 = Blank -8 = Unknown 1 = Private insurance 2 = Medicare 3 = Medicaid or CHIP or other state-based program 4 = Worker's compensation 5 = Self-pay 6 = No charge/Charity 7 = Other

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
INITIAL VITAL SIGNS			
28	4	48-51	[TEMPF] TEMPERATURE. There is an implied decimal between the third and fourth digits. -9 = Blank 0896-1056 = 89.6 – 105.6 Fahrenheit (reported range)
29	3	52-54	[PULSE] HEART RATE -9 = Blank 0-240 (reported range) 998= Dopp, Doppler
30	3	55-57	[RESPR] RESPIRATORY RATE -9 = Blank 0-150 (reported range)
31	3	58-60	[BPSYS] SYSTOLIC BLOOD PRESSURE -9 = Blank 0, 43-289 (reported range)
32	3	61-63	[BPDIAS] DIASTOLIC BLOOD PRESSURE -9 = Blank 0, 22-190 (reported range) 998 = P, Palp, Dop, Doppler
33	3	64-66	[POPCt] PULSE OXIMETRY (percent) -9 = Blank 0-100 (reported range)
34	2	67-68	[IMMEDR] IMMEDIACY WITH WHICH PATIENT SHOULD BE SEEN (Based on PRF Item Triage Level)

In 2009-2011, missing responses were imputed to levels 1-5 using the method described in Section 1. This is unlike years 2005-08 when “no triage” and “unknown”, checkboxes used on the PRF in those years, were also valid imputation categories. Since 2012, this item is NOT imputed. Because of the difference in collection and processing of this item across the years, data users are advised to be careful when combining data across years for trending.

-9 = Blank  
-8 = Unknown  
0 = ‘No triage’ reported for this visit but ESA does conduct nursing triage  
1 = Immediate  
2 = Emergent  
3 = Urgent  
4 = Semi-urgent  
5 = Nonurgent  
7 = Visit occurred in ESA that does not conduct nursing triage

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
35	2	69-70	<p>[PAINSCALE] PAIN SCALE</p> <p>NOTE: This item was collected using checkbox categories of none, mild, moderate, severe and unknown prior to 2009. Since 2009, a numerical 0-10 scale has been used.</p> <p>-9 = Blank  -8 = Unknown  0-10</p>
36	2	71-72	<p>[SEEN72] WAS PATIENT SEEN IN THIS ED WITHIN THE LAST 72 HOURS?</p> <p>NOTE: The wording for this item changed in 2016. From 2012-2015, the question was "Was patient seen in this ED within the last 72 hours and discharged?" Prior to 2012, the item was "Has patient been seen in this ED within the last 72 hours?</p> <p>-9 = Blank  -8 = Unknown  1 = Yes  2 = No</p>
PATIENT'S REASON(S) FOR VISIT (See page 17 in Section I and Code List in Appendix II.)			
37	5	73-77	<p>[RFV1] REASON # 1</p> <p>-9 = Blank  10050-89990 = 1005.0-8999.0</p>
38	5	78-82	<p>[RFV2] REASON # 2</p> <p>-9 = Blank  10050-89990 = 1005.0-8999.0</p>
39	5	83-87	<p>[RFV3] REASON # 3</p> <p>-9 = Blank  10050-89990 = 1005.0-8999.0</p>
40	5	88-92	<p>[RFV4] REASON # 4</p> <p>-9 = Blank  10050-89990 = 1005.0-8999.0</p>
41	5	93-97	<p>[RFV5] REASON # 5</p> <p>-9 = Blank  10050-89990 = 1005.0-8999.0</p>
42	2	98-99	<p>[EPISODE] EPISODE OF CARE</p> <p>-9 = Blank  -8 = Unknown  1 = Initial visit to this ED  2 = Follow-up visit to this ED</p>

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
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### INJURY VARIABLES

43            2            100-101        [INJURY] IS THIS VISIT RELATED TO AN INJURY/TRAUMA, OVERDOSE/POISONING, OR ADVERSE EFFECT OF MEDICAL/SURGICAL TREATMENT?

This is a summary variable provided for trending with previous years of data, although the format has changed slightly from previous years to better reflect uncertainties and nuances in the injury data. It has been recoded from the INJPOISAD variable below.

This item reflects a broad definition of injury traditionally used in NHAMCS, but some changes have been made in 2016. It includes visits with any of the following: NCHS Reason for Visit Classification codes in the injury, poisoning, or adverse effects module (50000-59999), diagnosis codes in the 'S' or 'T' chapters of ICD-10-CM, diagnosis codes for complications of medical or surgical care (located throughout the ICD-10-CM; a list of codes is available by contacting AHCSB); and cause of injury codes in the 'V', 'W', 'X' and 'Y' chapters of ICD-10-CM. This definition of injury is used in the INJURY, INJPOISAD, and INTENT variables. It is somewhat narrower than the broad definition used in NHAMCS data in the past. The older definition included other conditions, such as carpal tunnel syndrome, which were outside of the Injury and Poisoning chapter of ICD-9-CM.

-9 = Blank  
 -8 = Unknown  
 0 = No  
 1 = Yes  
 2 = Questionable injury status (visit was reported as injury related but lacked any of the reason, diagnosis, and cause codes used to define an injury visit)

44            2            102-103        [INJPOISAD] IS THIS VISIT RELATED TO AN INJURY/TRAUMA, OVERDOSE/POISONING OR ADVERSE EFFECT OF MEDICAL/ SURGICAL TREATMENT?

This variable reflects the injury item format used since 2012. INJPOISAD was created directly from reason for visit, diagnosis, and cause of injury codes first, followed by consideration of unedited data which indicated an injury but where no concrete evidence of injury existed.

-9 = Blank  
 -8 = Unknown  
 1 = Yes, injury/trauma  
 2 = Yes, overdose/poisoning  
 3 = Yes, adverse effect of medical/surgical treatment  
 4 = No, visit is not related to injury/trauma, overdose/poisoning, or adverse effect of medical/surgical treatment  
 5 = Questionable injury status (visit was reported as injury related but lacked an injury reason for visit, diagnosis, or cause of injury)

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
45	2	104-105	<p>[INJURY72] Did the injury/trauma, overdose/poisoning, or adverse effect of medical/surgical treatment occur within 72 hours prior to the date and time of this visit?</p> <p>[Note that in 2015, the wording changed to include adverse effects.]</p> <ul style="list-style-type: none"> <li>-9 = Blank</li> <li>-8 = Unknown</li> <li>-7 = Not applicable</li> <li>1 = Yes</li> <li>2 = No</li> </ul>
46	2	106-107	<p>[INTENT15] IS THIS INJURY/TRAUMA OR OVERDOSE/POISONING INTENTIONAL OR UNINTENTIONAL?</p> <p>NOTE: The INTENT item in 2014 used different response categories. The item was renamed in 2015 to emphasize these differences and that name has been retained since.</p> <ul style="list-style-type: none"> <li>-9 = Blank</li> <li>-8 = Unknown/intent unclear</li> <li>1 = Intentional</li> <li>2 = Unintentional</li> <li>3 = Intent unclear (note that this category from the survey instrument was simply a renaming/replacement of the "Unknown" category used prior to 2012. Responses have been recoded to -8, our standard coding convention for cases where the item is unknown)</li> <li>4 = Questionable injury status (visit was reported as injury related but lacked an injury reason for visit, diagnosis, or cause of injury)</li> </ul>
47	2	108-109	<p>[INJURY_ENC] Type of encounter for injury visits</p> <p>This variable was added to give additional detail from the 7<sup>th</sup> digit of the original ICD-10-CM code. Since the ICD-10-CM codes have been truncated on the public use file, information contained in the 7<sup>th</sup> digit would otherwise not be available on the public use file.</p> <ul style="list-style-type: none"> <li>-9 = Not applicable/Blank</li> <li>1 = Initial encounter</li> <li>2 = Subsequent encounter</li> <li>3 = Sequela encounter</li> <li>4 = Both initial and subsequent encounter codes present</li> <li>5 = Both Initial and sequela encounter codes present</li> <li>6 = Both subsequent and sequela encounter codes present</li> <li>7 = Initial, subsequent, and sequela encounter codes present</li> </ul>

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
CAUSE OF INJURY/TRAUMA, OVERDOSE/POISONING OR ADVERSE EFFECT OF MEDICAL/SURGICAL TREATMENT (See page 17 in Section I for explanation of codes.)			
48	4	110-113	<p>[CAUSE1] CAUSE #1 (ICD-10-CM, V-Y Codes)</p> <p>External cause of injury codes are from the V, W, X, and Y chapters of ICD-10-CM. Only the first 4 digits of each code are provided. There is an implied decimal between the third and fourth digits.</p> <p>-9 = Not applicable/Blank V000-Y000 = V00.0 – Y99.9</p>
49	4	114-117	<p>[CAUSE2] CAUSE #2 (ICD-10-CM, V-Y codes)</p> <p>See CAUSE1.</p>
50	4	118-121	<p>[CAUSE3] CAUSE #3 (ICD-10-CM, V-Y codes)</p> <p>See CAUSE1.</p> <p>PROVIDER'S DIAGNOSIS (See page 18, Section 1 for explanation of coding.)</p>
51	4	122-125	<p>[DIAG1] DIAGNOSIS #1 (ICD-10-CM) There is an implied decimal between the third and fourth digits; for inapplicable or masked fourth digits, a dash is inserted.</p> <p>Note that code ZZZ1 (Left before being seen, patient "walked out", "eloped" or left against medical advice) was actually discontinued in 2018. Such entries are able to be assigned to visit disposition checkboxes.</p> <p>-9 = Blank (no entry made) A000 – Z998 = A00.0-Z99.8 ZZZ0 = Noncodable, insufficient information for coding, illegible ZZZ2 = Transferred to another facility; sent to see specialist (discharge order rather than diagnosis) ZZZ3 = Insurance/HMO will not authorize treatment ZZZ4 = Entry of "none," "no diagnosis," "no disease," or "healthy" (this is the only entry) ZZZ5 = Entry of "Not applicable", "Not Available", "NA" or "Blank"</p>
52	4	126-129	<p>[DIAG2] DIAGNOSIS # 2 (ICD-10-CM) There is an implied decimal between the third and fourth digits; for inapplicable or masked fourth digits, a dash is inserted.</p> <p>See DIAGNOSIS #1 for details.</p>
53	4	130--133	<p>[DIAG3] DIAGNOSIS # 3 (ICD-10-CM) There is an implied decimal between the third and fourth digits; for inapplicable fourth or fifth digits, a dash is inserted.</p> <p>See DIAGNOSIS #1 for details.</p>

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
54	4	134-137	[DIAG4] DIAGNOSIS # 4 (ICD-10-CM) There is an implied decimal between the third and fourth digits; for inapplicable or masked fourth, a dash is inserted. See DIAGNOSIS #1 for details.
55	4	138-141	[DIAG5] DIAGNOSIS # 5 (ICD-10-CM) There is an implied decimal between the third and fourth digits; for inapplicable or masked fourth, a dash is inserted. See DIAGNOSIS #1 for details.
PROBABLE, QUESTIONABLE, AND RULE OUT DIAGNOSES			
56	2	142-143	[PRDIAG1] IS DIAGNOSIS #1 PROBABLE, QUESTIONABLE, OR RULE OUT? -7 = Not applicable 0 = No 1 = Yes
57	2	144-145	[PRDIAG2] IS DIAGNOSIS #2 PROBABLE, QUESTIONABLE, OR RULE OUT? -7 = Not applicable 0 = No 1 = Yes
58	2	146-147	[PRDIAG3] IS DIAGNOSIS #3 PROBABLE, QUESTIONABLE, OR RULE OUT? -7 = Not applicable 0 = No 1 = Yes
59	2	148-149	[PRDIAG4] IS DIAGNOSIS #4 PROBABLE, QUESTIONABLE, OR RULE OUT? -7 = Not applicable 0 = No 1 = Yes
60	2	150-151	[PRDIAG5] IS DIAGNOSIS #5 PROBABLE, QUESTIONABLE, OR RULE OUT? -7 = Not applicable 0 = No 1 = Yes

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
DOES PATIENT HAVE:			
0 = No 1 = Yes			
61	1	152	[ETOHAB] Alcohol misuse, abuse, or dependence
62	1	153	[ALZHD] Alzheimer's disease/dementia
63	1	154	[ASTHMA] Asthma
64	1	155	[CANCER] Cancer
65	1	156	[CEBVD] Cerebrovascular disease/history of stroke (CVA) or transient ischemic attack (TIA)
66	1	157	[CKD] Chronic kidney disease (CKD)
67	1	158	[COPD] Chronic obstructive pulmonary disease (COPD)
68	1	159	[CHF] Congestive heart failure
69	1	160	[CAD] Coronary artery disease (CAD), ischemic heart disease (IHD), or history of myocardial infarction (MI)
70	1	161	[DEPRN] Depression
71	1	162	[DIABTYP1] Diabetes mellitus (DM) – Type I
72	1	163	[DIABTYP2] Diabetes mellitus (DM) – Type II
73	1	164	[DIABTYP0] Diabetes mellitus (DM) – Type unspecified
74	1	165	[ESRD] End-stage renal disease (ESRD)
75	1	166	[HPE] History of pulmonary embolism (PE) or deep vein thrombosis (DVT), or venous thromboembolism (VTE)
76	1	167	[EDHIV] HIV infection/AIDS
77	1	168	[HYPLIPID] Hyperlipidemia
78	1	169	[HTN] Hypertension
79	1	170	[OBESITY] Obesity (BMI >= 30)
80	1	171	[OSA] Obstructive sleep apnea (OSA)
81	1	172	[OSTPRSIS] Osteoporosis
82	1	173	[SUBSTAB] Substance abuse or dependence
83	1	174	[NOCHRON] None of the above
0 = No 1 = Yes 2 = Entire item blank including "None" box			
84	2	175-176	[TOTCHRON] Total number of chronic conditions
-9 = "None" box and all item fields are blank 0-12 (reported range)			
85	1	177	[DIAGSCRN] Were diagnostic services ordered or provided at this visit?
0 = No 1 = Yes 2 = Entire item blank, including "None" box			

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
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## DIAGNOSTIC SERVICES

0 = No, 1 = Yes

## Laboratory tests:

86	1	178	[ABG] Arterial blood gases (ABG)
87	1	179	[BAC] BAC (blood alcohol concentration)
88	1	180	[BMP] Basic metabolic panel
89	1	181	[BNP] BNP (Brain natriuretic peptide)
90	1	182	[BUNCREAT] Creatinine/Renal function panel
91	1	183	[CARDENZ] Cardiac enzymes
92	1	184	[CBC] CBC (Complete blood count)
93	1	185	[CMP] Comprehensive metabolic panel
94	1	186	[BLOODCX] Culture, blood
95	1	187	[TRTCX] Culture, throat
96	1	188	[URINECX] Culture, urine
97	1	189	[WOUNDCX] Culture, wound
98	1	190	[OTHCX] Culture, other
99	1	191	[DDIMER] D-dimer
100	1	192	[ELECTROL] Electrolytes
101	1	193	[GLUCOSE] Glucose, serum
102	1	194	[LACTATE] Lactate
103	1	195	[LFT] Liver enzymes/Hepatic function panel
104	1	196	[PTTINR] Prothrombin time (PT/PTT/INR)
105	1	197	[OTHERBLD] Other blood test

## Other tests:

106	1	198	[CARDMON] Cardiac monitor
107	1	199	[EKG] EKG/ECG
108	1	200	[HIVTEST] HIV test
109	1	201	[FLUTEST] Influenza test
110	1	202	[PREGTEST] Pregnancy/HCG test
111	1	203	[TOXSCREEN] Toxicology screen
112	1	204	[URINE] Urinalysis (UA) or urine dipstick
113	1	205	[OTHRTEST] Other test/service

## Imaging:

114	1	206	[ANYIMAGE] Any imaging
115	1	207	[XRAY] X-ray
116	1	208	[CATSCAN] CT scan (any)
117	2	209-210	[CTCONTRAST] Was CT Scan ordered/provided with intravenous (IV) contrast? -9 = Blank -8 = Unknown 1 = Yes 2 = No
118	1	211	[CTAB] CT scan – abdomen/pelvis

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
119	1	212	[CTCHEST] CT scan – chest
120	1	213	[CTHEAD] CT scan - head
121	1	214	[CTOTHER] CT scan – other
122	1	215	[CTUNK] CT scan – site not specified
123	1	216	[MRI] MRI
124	2	217-218	[MRICONTRAST] Was MRI ordered/provided with intravenous (IV) contrast (also written as with gadolinium or with gado)? -9 = Blank -8 = Unknown 1 = Yes 2 = No
125	1	219	[ULTRASND] Ultrasound
126	1	220	[OTHIMAGE] Other imaging
127	1	221	[COVIDTEST] Coronavirus disease (COVID-19) test
128	1	222	[COVIDANTIBODY] Coronavirus disease (COVID-19) antibody test
129	2	223-224	[TOTDIAG] TOTAL NUMBER OF DIAGNOSTIC SERVICES ORDERED OR PROVIDED -9 = "None" box and all item fields are blank 0-22 (reported range)
130	1	225	[PROC] Were procedures provided at this visit? 0 = No 1 = Yes 2 = Entire item blank, including "None" box
<b>PROCEDURES</b>			
			0 = No, 1 = Yes
131	1	226	[BPAP] BPAP/CPAP
132	1	227	[BLADCATH] Bladder catheter
133	1	228	[CASTSPLINT] Cast, splint, wrap
134	1	229	[CENTLINE] Central line
135	1	230	[CPR] CPR
136	1	231	[ENDOINT] Endotracheal intubation
137	1	232	[INCDRAIN] Incision & drainage (I&D)
138	1	233	[IVFLUIDS] IV fluids
139	1	234	[LUMBAR] Lumbar puncture (LP)
140	1	235	[NEBUTHER] Nebulizer therapy
141	1	236	[PELVIC] Pelvic exam
142	1	237	[SKINADH] Skin adhesives
143	1	238	[SUTURE] Suturing/staples
144	1	239	[OTHPROC] Other procedure
145	2	240-241	[TOTPROC] TOTAL NUMBER OF PROCEDURES PROVIDED -9 = "None" box and all item fields are blank 0-6 (reported range)

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
MEDICATIONS & IMMUNIZATIONS (See page 18 for more information. See Appendix III for codes.)			
146	1	242	[MED] WERE MEDICATIONS OR IMMUNIZATIONS GIVEN AT THIS VISIT OR PRESCRIBED AT ED DISCHARGE? 0 = No 1 = Yes 2 = Entire item blank, including "None" box
147	5	243-247	[MED1] MEDICATION #1 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry
148	5	248-252	[MED2] MEDICATION #2 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry
149	5	253-257	[MED3] MEDICATION #3 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry
150	5	258-262	[MED4] MEDICATION #4 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry
151	5	263-267	[MED5] MEDICATION #5 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry
152	5	268-272	[MED6] MEDICATION #6 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry
153	5	273-277	[MED7] MEDICATION #7 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
154	5	278-282	[MED8] MEDICATION #8 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry
155	5	283-287	[MED9] MEDICATION #9 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry
156	5	288-292	[MED10] MEDICATION #10 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry
157	5	293-297	[MED11] MEDICATION #11 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry
158	5	298-302	[MED12] MEDICATION #12 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry
159	5	303-307	[MED13] MEDICATION #13 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry
160	5	308-312	[MED14] MEDICATION #14 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry
161	5	313-317	[MED15] MEDICATION #15 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry
162	5	318-322	[MED16] MEDICATION #16 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
163	5	323-327	[MED17] MEDICATION #17 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry
164	5	328-332	[MED18] MEDICATION #18 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry
165	5	333-337	[MED19] MEDICATION #19 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry
166	5	338-342	[MED20] MEDICATION #20 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry
167	5	343-347	[MED21] MEDICATION #21 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry
168	5	348-352	[MED22] MEDICATION #22 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry
169	5	353-357	[MED23] MEDICATION #23 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
170	5	358-362	[MED24] MEDICATION #24 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry
171	5	363-367	[MED25] MEDICATION #25 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry
172	5	368-372	[MED26] MEDICATION #26 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry
173	5	373-377	[MED27] MEDICATION #27 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry
174	5	378-382	[MED28] MEDICATION #28 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry
175	5	383-387	[MED29] MEDICATION #29 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry
176	5	388-392	[MED30] MEDICATION #30 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry
177	2	393-394	[GPMED1] Was medication #1 given in ED or Rx at discharge? -9 = Blank -7 = Not applicable 1 = Given in ED 2 = Rx at discharge 3 = Both given and Rx marked

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
178	2	395-396	[GPMED2] Was medication #2 given in ED or Rx at discharge? See GPMED1.
179	2	397-398	[GPMED3] Was medication #3 given in ED or Rx at discharge? See GPMED1.
180	2	399-400	[GPMED4] Was medication #4 given in ED or Rx at discharge? See GPMED1.
181	2	401-402	[GPMED5] Was medication #5 given in ED or Rx at discharge? See GPMED1.
182	2	403-404	[GPMED6] Was medication #6 given in ED or Rx at discharge? See GPMED1.
183	2	405-406	[GPMED7] Was medication #7 given in ED or Rx at discharge? See GPMED1.
184	2	407-408	[GPMED8] Was medication #8 given in ED or Rx at discharge? See GPMED1.
185	2	409-410	[GPMED9] Was medication #9 given in ED or Rx at discharge? See GPMED1.
186	2	411-412	[GPMED10] Was medication #10 given in ED or Rx at discharge? See GPMED1.
187	2	413-414	[GPMED11] Was medication #11 given in ED or Rx at discharge? See GPMED1.
188	2	415-416	[GPMED12] Was medication #12 given in ED or Rx at discharge? See GPMED1.
189	2	417-418	[GPMED13] Was medication #13 given in ED or Rx at discharge? See GPMED1.
190	2	419-420	[GPMED14] Was medication #14 given in ED or Rx at discharge? See GPMED1.
191	2	421-422	[GPMED15] Was medication #15 given in ED or Rx at discharge? See GPMED1.
192	2	423-424	[GPMED16] Was medication #16 given in ED or Rx at discharge? See GPMED1.
193	2	425-426	[GPMED17] Was medication #17 given in ED or Rx at discharge? See GPMED1.
194	2	427-428	[GPMED18] Was medication #18 given in ED or Rx at discharge? See GPMED1.

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
195	2	429-430	[GPMED19] Was medication #19 given in ED or Rx at discharge? See GPMED1.
196	2	431-432	[GPMED20] Was medication #20 given in ED or Rx at discharge? See GPMED1.
197	2	433-434	[GPMED21] Was medication #21 given in ED or Rx at discharge? See GPMED1.
198	2	435-436	[GPMED22] Was medication #22 given in ED or Rx at discharge? See GPMED1.
199	2	437-438	[GPMED23] Was medication #23 given in ED or Rx at discharge? See GPMED1.
200	2	439-440	[GPMED24] Was medication #24 given in ED or Rx at discharge? See GPMED1.
201	2	441-442	[GPMED25] Was medication #25 given in ED or Rx at discharge? See GPMED1.
202	2	443-444	[GPMED26] Was medication #26 given in ED or Rx at discharge? See GPMED1.
203	2	445-446	[GPMED27] Was medication #27 given in ED or Rx at discharge? See GPMED1.
204	2	447-448	[GPMED28] Was medication #28 given in ED or Rx at discharge? See GPMED1.
205	2	449-450	[GPMED29] Was medication #29 given in ED or Rx at discharge? See GPMED1.
206	2	451-452	[GPMED30] Was medication #30 given in ED or Rx at discharge? See GPMED1.
207	2	453-454	[NUMGIV] NUMBER OF MEDICATIONS GIVEN IN ED 0 – 30 NOTE: For this variable, the value '0' can reflect the following situations: a) no drug listed; b) drug listed but only Rx at discharge; and c) drug listed but unknown whether given in ED or Rx at discharge.
208	2	455-456	[NUMDIS] NUMBER OF MEDICATIONS PRESCRIBED AT DISCHARGE 0 - 30 NOTE: For this variable, the value '0' can reflect the following situations: a) no drug listed; b) drug listed but only given in ED; and c) drug listed but unknown whether given in ED or prescribed at discharge.

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
209	2	457-458	[NUMMED] NUMBER OF MEDICATIONS CODED 0 – 30  VITALS TAKEN AFTER TRIAGE  NOTE: The wording of these vital signs items changed in 2016. See page 3 of the 2016 NHAMCS ED Public Use File documentation for details.
210	2	459-460	[VITALSD] Does the chart contain vital signs taken after triage? -9= Blank 1 = Yes 2 = No
211	4	461-464	[TEMPDF] Vitals taken after triage: Temperature in Fahrenheit -9= Blank 800-1040 = 80.0 - 104.0 Fahrenheit (reported range)
212	3	465-467	[PULSED] Vitals taken after triage: Heart rate (beats per minute) -9 = Blank 0-228 (reported range) 998 = P, Palp, Dop, or Doppler
213	3	468-470	[RESPRD] Vitals taken after triage: Respiratory rate (breaths per minute) -9 = Blank 0-139 (reported range)
214	3	471-473	[BPSYSD] Vitals taken after triage: Systolic blood pressure -9 = Blank 0, 56-248 (reported range)
215	3	474-476	[BPDIASD] Vitals taken after triage: Diastolic blood pressure -9 = Blank 0, 23-156 (reported range) 998 = P, Palp, Dop, or Doppler
PROVIDERS SEEN			
			0 = No, 1 = Yes
216	1	477	[NOPROVID] No answer to item
217	1	478	[ATTPHYS] ED attending physician
218	1	479	[RESINT] ED resident/intern
219	1	480	[CONSULT] Consulting physician
220	1	481	[RNLPN] RN/LPN
221	1	482	[NURSEPR] Nurse practitioner
222	1	483	[PHYSASST] Physician assistant
223	1	484	[EMT] EMT
224	1	485	[MHPROV] Other mental health provider
225	1	486	[OTHPROV] Other provider

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES	
VISIT DISPOSITION				
0 = No, 1 = Yes				
226	1	487	[NODISP] No answer to item	
227	1	488	[NOFU] No follow-up planned	
228	1	489	[RETRNED] Return to ED	
229	1	490	[RETREFFU] Return/Refer to physician/clinic for FU	
230	1	491	[LWBS] Left without being seen (LWBS)	
231	1	492	[LBTC] Left before treatment complete (LBTC)	
232	1	493	[LEFTAMA] Left AMA (against medical advice)	
233	1	494	[DOA] DOA (dead on arrival)	
234	1	495	[DIEDED] Died in ED	
235	1	496	[TRANNH] Return/transfer to nursing home	
236	1	497	[TRANPSYC] Transfer to psychiatric hospital	
237	1	498	[TRANOTH] Transfer to non-psychiatric hospital	
238	1	499	[ADMITHOS] Admit to this hospital	
239	1	500	[OBSHOS] Admit to observation unit, then hospitalized	
240	1	501	[OBSDIS] Admit to observation unit, then discharged	
241	1	502	[OTHDISP] Other visit disposition	
The next 4 items were completed only if the patient was admitted to the hospital at the current visit.				
242	2	503-504	[ADMIT] Admitted to:  NOTE: The order of categories 4 and 5 was switched on the Patient Record Form starting in 2009 relative to 2007-08. Please take note if combining data across years. -9 = Blank -8 = Data not available (Unknown) -7 = Not applicable (not admitted to hospital) 1 = Critical care unit 2 = Stepdown unit 3 = Operating room 4 = Mental health or detox unit 5 = Cardiac catheterization lab 6 = Other bed/unit	
243	2	505-506	[ADMTPHYS] Admitting physician -9 = Blank -7 = Not applicable (not admitted to hospital) 1 = Hospitalist 2 = Not hospitalist 3 = Unknown	
244	2	507-508	[LOS] Length of stay in hospital (days) Calculated from the ED discharge date and the hospital discharge date. -9 = Missing data -7 = Not applicable 1-98 99 = 99 days or more	

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
245	4	509-512	<p>[HDDIAG1] HOSPITAL DISCHARGE DIAGNOSIS #1 (ICD-10-CM)</p> <p>There is an implied decimal between the third and fourth digits; for inapplicable or masked fourth digits, a dash is inserted.</p> <ul style="list-style-type: none"> <li>-9 = Blank</li> <li>-7 = Not applicable (not admitted to hospital)</li> <li>A000-Z998 = A00.0-Z99.8</li> <li>ZZZ0 = Noncodable, insufficient information for coding, illegible</li> <li>ZZZ2 = Transferred to another facility; sent to see specialist (discharge order rather than diagnosis)</li> <li>ZZZ3 = Insurance/HMO will not authorize treatment</li> <li>ZZZ4 = Entry of "none," "no diagnosis," "no disease," or "healthy" (this is the only entry)</li> <li>ZZZ5 = Entry of "Not applicable", "Not Available", "NA" or "Blank"</li> </ul>
246	4	513-516	[HDDIAG2] HOSPITAL DISCHARGE DIAGNOSIS #2 (ICD-10-CM) See HDDIAG1.
247	4	517-520	[HDDIAG3] HOSPITAL DISCHARGE DIAGNOSIS #3 (ICD-10-CM) See HDDIAG1.
248	4	521-524	[HDDIAG4] HOSPITAL DISCHARGE DIAGNOSIS #4 (ICD-10-CM) See HDDIAG1.
249	4	525-528	[HDDIAG5] HOSPITAL DISCHARGE DIAGNOSIS #5 (ICD-10-CM) See HDDIAG1.
250	2	529-530	[HDSTAT] Hospital discharge status
			<ul style="list-style-type: none"> <li>-9 = Blank</li> <li>-8 = Data not available (Unknown)</li> <li>-7 = Not applicable (not admitted to hospital)</li> <li>1 = Alive</li> <li>2 = Dead</li> </ul>
251	2	531-532	<p>[ADISP] Disposition of live discharges</p> <ul style="list-style-type: none"> <li>-9 = Blank</li> <li>-8 = Data not available (Unknown)</li> <li>-7 = Not applicable (not admitted/admitted, but not a live discharge)</li> <li>1 = Home/Residence</li> <li>2 = Return/Transfer to nursing home</li> <li>3 = Transfer to another facility (not usual place of residence)</li> <li>4 = Other</li> </ul>

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
252	4	533-536	<p>[OBSSTAY] Length of stay in observation unit (minutes) (for those patients who were admitted to observation unit and then discharged)</p> <p>Calculated from date and time patient was discharged from the ED and date and time of observation unit discharge.</p> <p>-9 = Missing data  -7 = Not applicable  0 = 7397</p>
253	1	537	<p>[STAY24] ED discharge greater than 24 hours</p> <p>1 = Patient was discharged from ED in more than 24 hours  2 = Patient was discharged from ED in 24 hours or less  3 = Missing data for ED discharge date and/or time</p>

\*\*\*\* THE FOLLOWING FIELDS SHOW WHETHER DATA WERE IMPUTED TO REPLACE BLANKS \*\*\*\*

254	2	538-539	<p>[AGEFL] Was patient age imputed, calculated or reported?</p> <p>-9 = Age derived by NCHS based on imputed birth date  0 = Age calculated by NCHS based on reported birth date  1 = Age reported in survey instrument without birth date</p> <p>IMPUTED FIELDS</p> <p>0 = Not imputed  1 = Imputed</p>
255	1	540	[BDATEFL] Was patient birth date imputed?
256	1	541	[SEXFL] Was patient sex imputed?
257	1	542	[ETHNICFL] Was patient ethnicity imputed?
258	1	543	[RACERFL] Was patient race imputed?

\*\*\*\*\* END OF IMPUTED DATA FIELDS \*\*\*\*\*

259	3	544-546	<p>[HOSPCODE] HOSPITAL CODE</p> <p>A unique code assigned to all the records from a particular hospital. For a number of hospitals, additional masking was required to minimize risks of disclosure. For this reason, the number of hospital codes is different than the number of responding facilities.</p> <p>1-188</p>
260	3	547-549	<p>[PATCODE] PATIENT CODE - A number assigned to identify each individual record from a particular hospital.</p> <p>1-173</p>

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
261	2	550-551	<p>[EMRED] DOES YOUR ED USE AN ELECTRONIC HEALTH RECORD (EHR) SYSTEM? (DO NOT INCLUDE BILLING SYSTEMS.)</p> <p>-9 = Blank  -8 = Unknown  1 = Yes, all electronic  2 = Yes, part paper and part electronic  3 = No</p> <p>(If response of '1' or '2' to EMRED, the next 3 questions were asked.)</p>
262	2	552-553	<p>[HHSMUE] DOES YOUR CURRENT SYSTEM MEET MEANINGFUL USE CRITERIA AS DEFINED BY THE DEPARTMENT OF HEALTH AND HUMAN SERVICES?</p> <p>-9 = Blank  -8 = Unknown  -7 = Not applicable (EMRED=3 or -8)  -6 = Refused to answer  1 = Yes  2 = No</p>
263	2	554-555	<p>[EHRINSE] DOES YOUR ED HAVE PLANS FOR INSTALLING A NEW EHR/EMR SYSTEM WITHIN THE NEXT 18 MONTHS?</p> <p>-9 = Blank  -8 = Unknown  -6 = Refused to answer  1 = Yes  2 = No  3 = Maybe</p>
264	2	556-557	<p>[EDPRIM] WHEN PATIENTS WITH IDENTIFIED PRIMARY CARE PHYSICIANS (PCP) ARRIVE AT THE ED, HOW OFTEN DO YOU ELECTRONICALLY SEND NOTIFICATIONS TO THE PATIENTS' PRIMARY CARE PROVIDERS?</p> <p>-9 = Blank  -8 = Unknown  -7 = Not applicable  -6 = Refused to answer  1 = Always  2 = Sometimes  3 = Rarely  4 = Never</p>
265	2	558-559	<p>[EDINFO] WHEN PATIENTS ARRIVE AT THE ED, ARE YOU ABLE TO QUERY FOR PATIENTS' HEALTHCARE INFORMATION ELECTRONICALLY (E.G., MEDICATIONS, ALLERGIES) FROM OUTSIDE SOURCES?</p> <p>-9 = Blank  -8 = Unknown  1 = Yes  2 = No</p>

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
266	2	560-561	<p>[OBSCLIN] DOES YOUR ED HAVE AN OBSERVATION OR CLINICAL DECISION UNIT?</p> <p>Note that there were related items in 2009 and 2010 called OBSUNIT, OBSED, and OBSDEC. Starting in 2013, OBSCLIN and OBSSEP replaced the OBSUNITS item from 2012.</p> <p>-9 = Blank  -8 = Unknown  1 = Yes  2 = No</p>
267	2	562-563	<p>[OBSSEP] IF YES TO DOES YOUR ED HAVE AN OBSERVATION OR CLINICAL DECISION UNIT, IS THIS OBSERVATION OR CLINICAL DECISION UNIT SEPARATE FROM THE ED?</p> <p>-9 = Blank  -8 = Unknown  -7 = Not applicable  1 = Yes  2 = No</p> <p>IF YOUR ED HAS A PHYSICALLY SEPARATE OBSERVATION OR CLINICAL DECISION UNIT, WHAT TYPE OF PROVIDERS MAKES DECISIONS FOR PATIENTS IN THIS OBSERVATION UNIT?</p>
268	2	564-565	[OBSPHYSED] ED physicians, APRN, PA
269	2	566-567	[OBSHOSP] Hospitalists
270	2	568-569	[OBSPHYSOT] Other physicians, APRN, PA
271	2	570-571	[OBSPHYSUN] Unknown
			<p>-7 = Not applicable  0 = Box is not marked  1 = Box is marked</p>
272	2	572-573	<p>[BOARD] ARE ADMITTED ED PATIENTS EVER "BOARDED" FOR MORE THAN 2 HOURS IN THE ED OR OBSERVATION UNIT WHILE WAITING FOR AN INPATIENT BED?</p> <p>-9 = Blank  -8 = Unknown  1 = Yes  2 = No</p>
273	2	574-575	<p>[BOARDHOS] DOES YOUR ED ALLOW SOME ADMITTED PATIENTS TO MOVE FROM THE ED TO INPATIENT CORRIDORS WHILE AWAITING A BED ("BOARDING") – SOMETIMES CALLED "FULL CAPACITY PROTOCOL"?</p> <p>-9 = Blank  -8 = Unknown  1 = Yes  2 = No</p>

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
274	2	576-577	[AMBDIV] DID YOUR ED GO ON AMBULANCE DIVERSION IN 2021? -9 = Blank -8 = Unknown 1 = Yes 2 = No
275	2	578-579	[TOTHRDIVR] WHAT IS THE TOTAL NUMBER OF HOURS YOUR HOSPITAL'S ED WAS ON AMBULANCE DIVERSION IN 2021? (Recoded) -9 = Blank -8 = Unknown -7 = Not applicable -6 = Refused to answer 2 = 1-99 3 = 100-499 4 = 500 or more 5 = Diversion data not available
276	2	580-581	[REGDIV] IS AMBULANCE DIVERSION ACTIVELY MANAGED ON A REGIONAL LEVEL VERSUS EACH HOSPITAL ADOPTING DIVERSION IF AND WHEN IT CHOOSES? -9 = Blank -8 = Unknown -7 = Not applicable 1 = Yes 2 = No
277	2	582-583	[ADMDIV] DOES YOUR HOSPITAL CONTINUE TO ADMIT ELECTIVE OR SCHEDULED SURGERY CASES WHEN THE ED IS ON AMBULANCE DIVERSION? -9 = Blank -8 = Unknown -7 = Not applicable 1 = Yes 2 = No
278	2	584-585	[INCSHX] IN THE LAST TWO YEARS, DID YOUR ED INCREASE THE NUMBER OF STANDARD TREATMENT SPACES? -9 = Blank -8 = Unknown 1 = Yes 2 = No
279	2	586-587	[INCPHYS] IN THE LAST TWO YEARS, DID YOUR ED'S PHYSICAL SPACE EXPAND? -9 = Blank -8 = Unknown 1 = Yes 2 = No

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
280	2	588-589	<p>[EXPSPACE] DO YOU HAVE PLANS TO EXPAND YOUR ED'S PHYSICAL SPACE WITHIN THE NEXT TWO YEARS?</p> <p>-9 = Blank  -8 = Unknown  1 = Yes  2 = No</p> <p>DOES YOUR ED USE:  (Note change in item format since 2009.)</p> <p>-9 = Blank  -8 = Unknown  1 = Yes  2 = No</p>
281	2	590-591	[BEDREG] Bedside registration
282	2	592-593	[KIOSELCHK] Kiosk self check-in
283	2	594-595	[CATRIAGE] Computer-assisted triage
284	2	596-597	[IMBED] Immediate bedding (no triage when ED is not at capacity)
285	2	598-599	[ADVTRIAG] Advanced triage (triage-based care) protocols
286	2	600-601	[PHYSRACTRIA] Physician/practitioner at triage
287	2	602-603	[FASTTRAK] Separate fast track unit for non-urgent care
288	2	604-605	[EDPTOR] Separate operating room dedicated to ED patients
289	2	606-607	[DASHBORD] Electronic dashboard (i.e., displays updated patient information and integrates multiple data sources)
290	2	608-609	[RFID] Radio frequency identification (RFID) tracking (i.e., shows exact location of patients, caregivers, and equipment)
291	2	610-611	[WIRELESS] Wireless communication devices by providers
292	2	612-613	[ZONENURS] Zone nursing (i.e., all of a nurse's patients are located in one area)
293	2	614-615	[POOLNURS] "Pool" nurses (i.e., nurses that can be pulled to the ED to respond to surges in demand)
294	2	616-617	<p>[SURGDAY] HOW MANY DAYS IN A WEEK ARE INPATIENT ELECTIVE SURGERIES SCHEDULED?</p> <p>-9 = Blank  -8 = Unknown  0-7</p>
295	2	618-619	<p>[BEDCZAR] DOES YOUR HOSPITAL HAVE A BED COORDINATOR, SOMETIMES REFERRED TO AS A BED CZAR?</p> <p>-9 = Blank  -8 = Unknown  1 = Yes  2 = No</p>

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
296	2	620-621	[BEDDATA] HOW OFTEN ARE HOSPITAL BED CENSUS DATA AVAILABLE? -9 = Blank -8 = Unknown 1 = Instantaneously 2 = Every 4 hours 3 = Every 8 hours 4 = Every 12 hours 5 = Every 24 hours 6 = Other
297	2	622-623	[HLIST] DOES YOUR HOSPITAL HAVE HOSPITALISTS ON STAFF? -9 = Blank -8 = Unknown 1 = Yes 2 = No
298	2	624-625	[HLISTED] DO THE HOSPITALISTS ON STAFF AT YOUR HOSPITAL ADMIT PATIENTS FROM YOUR ED? -9 = Blank -8 = Unknown -7 = Not applicable 1 = Yes 2 = No
299	2	626-627	[EMEDRES] DOES YOUR HOSPITAL HAVE AN EMERGENCY MEDICINE RESIDENCY PROGRAM? -9 = Blank -8 = Unknown 1 = Yes 2 = No
300	1	628	[REGION] GEOGRAPHIC REGION (Based on actual location of the hospital.) 1 = Northeast 2 = Midwest 3 = South 4 = West
301	1	629	[MSA] METROPOLITAN STATISTICAL AREA STATUS (Based on actual location of the hospital in conjunction with the definition of the Bureau of the Census and the U.S. Office of Management and Budget. Updated each year based on the latest OMB guidance.) 1 = MSA (Metropolitan Statistical Area) 2 = Non-MSA (includes micropolitan statistical areas)

**ITEM NO.** **FIELD LENGTH** **FILE LOCATION** [ITEM NAME], DESCRIPTION, AND CODES

## DRUG-RELATED INFO FOR MEDICATION #1

**NOTE:** Starting with the 2006 data release, all drug codes based on entry name (using NCHS' standard classification system) were also assigned a unique generic drug code from Multum's Lexicon Drug Database, where possible. The structure of the Multum database is such that multiple ingredient drugs are assigned a single generic drug code encompassing all of a drug's ingredients rather than being assigned generic drug codes for each ingredient, as in past years of NHAMCS drug data. All Multum codes start with the letter "d" but there were some drugs reported in NHAMCS that could not be assigned a code in Multum. These received a prefix of either "a" (when ingredients could be determined) or "c" (when ingredients could not be determined). For more on the structure of the drug data (including information on therapeutic class and drug ingredients, please see page 18.)

302        6        630-635        [DRUGID1] DRUG ID (See page 208 for more information.)  
a07001-a92507 = NCHS code (for drugs not found in Multum but for which ingredients could be determined)  
c00001-c92511 = NCHS code (for drugs not found in Multum and with undetermined ingredients)  
d00001-d09540 = Multum code  
n00001-n16015 = NCHS code (for drugs not found in Multum that were added to the database beginning with survey year 2008)

303      1      636      [PRESCR1] PRESCRIPTION STATUS CODE  
1 = Prescription Drug      4 = Illicit (no longer used in NHAMCS)  
2 = Nonprescription Drug      5 = Both Prescription and  
3 = Undetermined      Over-the-Counter

304 1 637 [CONTSUB1] CONTROLLED SUBSTANCE STATUS CODE  
1 = Schedule I (Research Only)  
2 = Schedule II 5 = Schedule V 8 = Multiple Schedules  
3 = Schedule III 6 = No Control  
4 = Schedule IV 7 = Undetermined

305 1 638 [COMSTAT1] COMPOSITION STATUS CODE  
1 = Single Entity Drug  
2 = Combination Drug  
3 = Undetermined

306 3 639-641 [RX1CAT1] MULTUM DRUG CATEGORY # 1

Reflects the most detailed therapeutic level to which the drug can be classified. For some drugs, Multum Level 1 (broadest level) is the most detailed, while others can be coded to Level 2, but the majority can be coded to Level 3 (most detailed level). For more on the Multum classification system, please see page 18. The complete Multum classification is shown in Appendix III.

“ “ = Blank/Not applicable  
001 - 899 = Drug category  
999 = Undetermined category

307 3 642-644 [RX1CAT2] MULTUM DRUG CATEGORY # 2  
See RX1CAT1.

308        3        645-647     [RX1CAT3] MULTUM DRUG CATEGORY # 3  
See RX1CAT1.

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
309	3	648-650	[RX1CAT4] MULTUM DRUG CATEGORY # 4 See RX1CAT1.
DRUG CATEGORY LEVELS			
See RX1CAT1 for general coding conventions that apply to all Multum drug categories. Complete Multum classification scheme is shown in Appendix III.			
310	3	651-653	[RX1V1C1] Level 1 of MULTUM DRUG CATEGORY # 1
311	3	654-656	[RX1V1C2] Level 1 of MULTUM DRUG CATEGORY # 2
312	3	657-659	[RX1V1C3] Level 1 of MULTUM DRUG CATEGORY # 3
313	3	660-662	[RX1V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
314	3	663-665	[RX1V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
315	3	666-668	[RX1V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
316	3	669-671	[RX1V2C3] Level 2 of MULTUM DRUG CATEGORY # 3
317	3	672-674	[RX1V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
318	3	675-677	[RX1V3C1] Level 3 of MULTUM DRUG CATEGORY # 1
319	3	678-680	[RX1V3C2] Level 3 of MULTUM DRUG CATEGORY # 2
320	3	681-683	[RX1V3C3] Level 3 of MULTUM DRUG CATEGORY # 3
321	3	684-686	[RX1V3C4] Level 3 of MULTUM DRUG CATEGORY # 4

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
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#### DRUG-RELATED INFO FOR MEDICATION #2

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 60) for coding information.

322	6	687-692	[DRUGID2] Drug ID
323	1	693	[PRESCR2] PRESCRIPTION STATUS CODE
324	1	694	[CONTSUB2] CONTROLLED SUBSTANCE STATUS CODE
325	1	695	[COMSTAT2] COMPOSITION STATUS CODE
326	3	696-698	[RX2CAT1] MULTUM DRUG CATEGORY # 1
327	3	699-701	[RX2CAT2] MULTUM DRUG CATEGORY # 2 See RX2CAT1.
328	3	702-704	[RX2CAT3] MULTUM DRUG CATEGORY # 3 See RX2CAT1.
329	3	705-707	[RX2CAT4] MULTUM DRUG CATEGORY # 4 See RX2CAT1.

#### DRUG CATEGORY LEVELS

330	3	708-710	[RX2V1C1] Level 1 of MULTUM DRUG CATEGORY # 1
331	3	711-713	[RX2V1C2] Level 1 of MULTUM DRUG CATEGORY # 2
332	3	714-716	[RX2V1C3] Level 1 of MULTUM DRUG CATEGORY # 3
333	3	717-719	[RX2V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
334	3	720-722	[RX2V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
335	3	723-725	[RX2V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
336	3	727-728	[RX2V2C3] Level 2 of MULTUM DRUG CATEGORY # 3
337	3	729-731	[RX2V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
338	3	732-734	[RX2V3C1] Level 3 of MULTUM DRUG CATEGORY # 1
339	3	735-737	[RX2V3C2] Level 3 of MULTUM DRUG CATEGORY # 2
340	3	738-740	[RX2V3C3] Level 3 of MULTUM DRUG CATEGORY # 3
341	3	741-743	[RX2V3C4] Level 3 of MULTUM DRUG CATEGORY # 4

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
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### DRUG-RELATED INFO FOR MEDICATION #3

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 60) for coding information.

342	6	744-749	[DRUGID3] Drug ID
343	1	750	[PRESCR3] PRESCRIPTION STATUS CODE
344	1	751	[CONTSUB3] CONTROLLED SUBSTANCE STATUS CODE
345	1	752	[COMSTAT3] COMPOSITION STATUS CODE
346	3	753-755	[RX3CAT1] MULTUM DRUG CATEGORY # 1
347	3	756-758	[RX3CAT2] MULTUM DRUG CATEGORY # 2 See RX3CAT1.
348	3	759-761	[RX3CAT3] MULTUM DRUG CATEGORY # 3 See RX3CAT1.
349	3	762-764	[RX3CAT4] MULTUM DRUG CATEGORY # 4 See RX3CAT1.

### DRUG CATEGORY LEVELS

350	3	765-767	[RX3V1C1] Level 1 of MULTUM DRUG CATEGORY # 1
351	3	768-770	[RX3V1C2] Level 1 of MULTUM DRUG CATEGORY # 2
352	3	771-773	[RX3V1C3] Level 1 of MULTUM DRUG CATEGORY # 3
353	3	774-776	[RX3V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
354	3	777-779	[RX3V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
355	3	780-782	[RX3V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
356	3	783-785	[RX3V2C3] Level 2 of MULTUM DRUG CATEGORY # 3
357	3	786-788	[RX3V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
358	3	789-791	[RX3V3C1] Level 3 of MULTUM DRUG CATEGORY # 1
359	3	792-794	[RX3V3C2] Level 3 of MULTUM DRUG CATEGORY # 2
360	3	795-797	[RX3V3C3] Level 3 of MULTUM DRUG CATEGORY # 3
361	3	798-800	[RX3V3C4] Level 3 of MULTUM DRUG CATEGORY # 4

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
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#### DRUG-RELATED INFO FOR MEDICATION #4

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 60) for coding information.

362	6	801-806	[DRUGID4] Drug ID
363	1	807	[PRESCR4] PRESCRIPTION STATUS CODE
364	1	808	[CONTSUB4] CONTROLLED SUBSTANCE STATUS CODE
365	1	809	[COMSTAT4] COMPOSITION STATUS CODE
366	3	810-812	[RX4CAT1] MULTUM DRUG CATEGORY # 1
367	3	813-815	[RX4CAT2] MULTUM DRUG CATEGORY # 2 See RX4CAT1.
368	3	816-818	[RX4CAT3] MULTUM DRUG CATEGORY # 3 See RX4CAT1.
369	3	819-821	[RX4CAT4] MULTUM DRUG CATEGORY # 4 See RX4CAT1.

#### DRUG CATEGORY LEVELS

370	3	822-824	[RX4V1C1] Level 1 of MULTUM DRUG CATEGORY # 1
371	3	825-827	[RX4V1C2] Level 1 of MULTUM DRUG CATEGORY # 2
372	3	828-830	[RX4V1C3] Level 1 of MULTUM DRUG CATEGORY # 3
373	3	831-833	[RX4V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
374	3	834-836	[RX4V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
375	3	837-839	[RX4V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
376	3	840-842	[RX4V2C3] Level 2 of MULTUM DRUG CATEGORY # 3
377	3	843-845	[RX4V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
378	3	846-848	[RX4V3C1] Level 3 of MULTUM DRUG CATEGORY # 1
379	3	849-851	[RX4V3C2] Level 3 of MULTUM DRUG CATEGORY # 2
380	3	852-854	[RX4V3C3] Level 3 of MULTUM DRUG CATEGORY # 3
381	3	855-857	[RX4V3C4] Level 3 of MULTUM DRUG CATEGORY # 4

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
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## DRUG-RELATED INFO FOR MEDICATION #5

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 60) for coding information.

382	6	858-863	[DRUGID5] Drug ID
383	1	864	[PRESCR5] PRESCRIPTION STATUS CODE
384	1	865	[CONTSUB5] CONTROLLED SUBSTANCE STATUS CODE
385	1	866	[COMSTAT5] COMPOSITION STATUS CODE
386	3	867-869	[RX5CAT1] MULTUM DRUG CATEGORY # 1
387	3	870-872	[RX5CAT2] MULTUM DRUG CATEGORY # 2 See RX3CAT1.
388	3	873-875	[RX5CAT3] MULTUM DRUG CATEGORY # 3 See RX3CAT1.
389	3	876-878	[RX5CAT4] MULTUM DRUG CATEGORY # 4 See RX3CAT1.

## DRUG CATEGORY LEVELS

390	3	879-881	[RX5V1C1] Level 1 of MULTUM DRUG CATEGORY # 1
391	3	882-884	[RX5V1C2] Level 1 of MULTUM DRUG CATEGORY # 2
392	3	885-887	[RX5V1C3] Level 1 of MULTUM DRUG CATEGORY # 3
393	3	888-890	[RX5V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
394	3	891-893	[RX5V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
395	3	894-896	[RX5V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
396	3	897-899	[RX5V2C3] Level 2 of MULTUM DRUG CATEGORY # 3
397	3	900-902	[RX5V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
398	3	903-905	[RX5V3C1] Level 3 of MULTUM DRUG CATEGORY # 1
399	3	906-908	[RX5V3C2] Level 3 of MULTUM DRUG CATEGORY # 2
400	3	909-911	[RX5V3C3] Level 3 of MULTUM DRUG CATEGORY # 3
401	3	912-914	[RX5V3C4] Level 3 of MULTUM DRUG CATEGORY # 4

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
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#### DRUG-RELATED INFO FOR MEDICATION #6

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 60) for coding information.

402	6	915-920	[DRUGID6] Drug ID
403	1	921	[PRESCR6] PRESCRIPTION STATUS CODE
404	1	922	[CONTSUB6] CONTROLLED SUBSTANCE STATUS CODE
405	1	923	[COMSTAT6] COMPOSITION STATUS CODE
406	3	924-926	[RX6CAT1] MULTUM DRUG CATEGORY # 1
407	3	927-929	[RX6CAT2] MULTUM DRUG CATEGORY # 2 See RX6CAT1.
408	3	930-932	[RX6CAT3] MULTUM DRUG CATEGORY # 3 See RX6CAT1.
409	3	933-935	[RX6CAT4] MULTUM DRUG CATEGORY # 4 See RX6CAT1.

#### DRUG CATEGORY LEVELS

410	3	936-938	[RX6V1C1] Level 1 of MULTUM DRUG CATEGORY # 1
411	3	939-941	[RX6V1C2] Level 1 of MULTUM DRUG CATEGORY # 2
412	3	942-944	[RX6V1C3] Level 1 of MULTUM DRUG CATEGORY # 3
413	3	945-947	[RX6V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
414	3	948-950	[RX6V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
415	3	951-953	[RX6V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
416	3	954-956	[RX6V2C3] Level 2 of MULTUM DRUG CATEGORY # 3
417	3	957-959	[RX6V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
418	3	960-962	[RX6V3C1] Level 3 of MULTUM DRUG CATEGORY # 1
419	3	963-965	[RX6V3C2] Level 3 of MULTUM DRUG CATEGORY # 2
420	3	966-968	[RX6V3C3] Level 3 of MULTUM DRUG CATEGORY # 3
421	3	969-971	[RX6V3C4] Level 3 of MULTUM DRUG CATEGORY # 4

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## DRUG-RELATED INFO FOR MEDICATION #7

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 60) for coding information.

422	6	972-977	[DRUGID7] Drug ID
423	1	978	[PRESCR7] PRESCRIPTION STATUS CODE
424	1	979	[CONTSUB7] CONTROLLED SUBSTANCE STATUS CODE
425	1	980	[COMSTAT7] COMPOSITION STATUS CODE
426	3	981-983	[RX7CAT1] MULTUM DRUG CATEGORY # 1
427	3	984-986	[RX7CAT2] MULTUM DRUG CATEGORY # 2 See RX7CAT1.
428	3	987-989	[RX7CAT3] MULTUM DRUG CATEGORY # 3 See RX7CAT1.
429	3	990-992	[RX7CAT4] MULTUM DRUG CATEGORY # 4 See RX7CAT1.

## DRUG CATEGORY LEVELS

430	3	993-995	[RX7V1C1] Level 1 of MULTUM DRUG CATEGORY # 1
431	3	996-998	[RX7V1C2] Level 1 of MULTUM DRUG CATEGORY # 2
432	3	999-1001	[RX7V1C3] Level 1 of MULTUM DRUG CATEGORY # 3
433	3	1002-1004	[RX7V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
434	3	1005-1007	[RX7V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
435	3	1008-1010	[RX7V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
436	3	1011-1013	[RX7V2C3] Level 2 of MULTUM DRUG CATEGORY # 3
437	3	1014-1016	[RX7V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
438	3	1017-1019	[RX7V3C1] Level 3 of MULTUM DRUG CATEGORY # 1
439	3	1020-1022	[RX7V3C2] Level 3 of MULTUM DRUG CATEGORY # 2
440	3	1023-1025	[RX7V3C3] Level 3 of MULTUM DRUG CATEGORY # 3
441	3	1026-1028	[RX7V3C4] Level 3 of MULTUM DRUG CATEGORY # 4

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#### DRUG-RELATED INFO FOR MEDICATION #8

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 60) for coding information.

442	6	1029-1034	[DRUGID8] Drug ID
443	1	1035	[PRESCR8] PRESCRIPTION STATUS CODE
444	1	1036	[CONTSUB8] CONTROLLED SUBSTANCE STATUS CODE
445	1	1037	[COMSTAT8] COMPOSITION STATUS CODE
446	3	1038-1040	[RX8CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class)
447	3	1041-1043	[RX8CAT2] MULTUM DRUG CATEGORY # 2 See RX8CAT1.
448	3	1044-1046	[RX8CAT3] MULTUM DRUG CATEGORY # 3 See RX8CAT1.
449	3	1047-1049	[RX8CAT4] MULTUM DRUG CATEGORY # 4 See RX8CAT1.

#### DRUG CATEGORY LEVELS

450	3	1050-1052	[RX8V1C1] Level 1 of MULTUM DRUG CATEGORY # 1
451	3	1053-1055	[RX8V1C2] Level 1 of MULTUM DRUG CATEGORY # 2
452	3	1056-1058	[RX8V1C3] Level 1 of MULTUM DRUG CATEGORY # 3
453	3	1059-1061	[RX8V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
454	3	1062-1064	[RX8V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
455	3	1065-1067	[RX8V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
456	3	1068-1070	[RX8V2C3] Level 2 of MULTUM DRUG CATEGORY # 3
457	3	1071-1073	[RX8V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
458	3	1074-1076	[RX8V3C1] Level 3 of MULTUM DRUG CATEGORY # 1
459	3	1077-1079	[RX8V3C2] Level 3 of MULTUM DRUG CATEGORY # 2
460	3	1080-1082	[RX8V3C3] Level 3 of MULTUM DRUG CATEGORY # 3
461	3	1083-1085	[RX8V3C4] Level 3 of MULTUM DRUG CATEGORY # 4

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#### DRUG-RELATED INFO FOR MEDICATION #9

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 60) for coding information.

462	6	1085-1091	[DRUGID9] Drug ID
463	1	1092	[PRESCR9] PRESCRIPTION STATUS CODE
464	1	1093	[CONTSUB9] CONTROLLED SUBSTANCE STATUS CODE
465	1	1094	[COMSTAT9] COMPOSITION STATUS CODE
466	3	1095-1097	[RX9CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class)
467	3	1098-1100	[RX9CAT2] MULTUM DRUG CATEGORY # 2 See RX9CAT1.
468	3	1101-1103	[RX9CAT3] MULTUM DRUG CATEGORY # 3 See RX9CAT1.
469	3	1104-1106	[RX9CAT4] MULTUM DRUG CATEGORY # 4 See RX9CAT1.

#### DRUG CATEGORY LEVELS

470	3	1107-1109	[RX9V1C1] Level 1 of MULTUM DRUG CATEGORY # 1
471	3	1110-1112	[RX9V1C2] Level 1 of MULTUM DRUG CATEGORY # 2
472	3	1113-1115	[RX9V1C3] Level 1 of MULTUM DRUG CATEGORY # 3
473	3	1116-1118	[RX9V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
474	3	1119-1121	[RX9V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
475	3	1122-1124	[RX9V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
476	3	1125-1127	[RX9V2C3] Level 2 of MULTUM DRUG CATEGORY # 3
477	3	1128-1130	[RX9V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
478	3	1131-1133	[RX9V3C1] Level 3 of MULTUM DRUG CATEGORY # 1
479	3	1134-1136	[RX9V3C2] Level 3 of MULTUM DRUG CATEGORY # 2
480	3	1137-1139	[RX9V3C3] Level 3 of MULTUM DRUG CATEGORY # 3
481	3	1140-1142	[RX9V3C4] Level 3 of MULTUM DRUG CATEGORY # 4

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#### DRUG-RELATED INFO FOR MEDICATION #10

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 60) for coding information.

482	6	1143-1148	[DRUGID10] Drug ID
483	1	1149	[PRESCR10] PRESCRIPTION STATUS CODE
484	1	1150	[CONTSUB10] CONTROLLED SUBSTANCE STATUS CODE
485	1	1151	[COMSTAT10] COMPOSITION STATUS CODE
486	3	1152-1154	[RX10CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class)
487	3	1155-1157	[RX10CAT2] MULTUM DRUG CATEGORY # 2 See RX10CAT1.
488	3	1158-1160	[RX10CAT3] MULTUM DRUG CATEGORY # 3 See RX10CAT1.
489	3	1161-1163	[RX10CAT4] MULTUM DRUG CATEGORY # 4 See RX10CAT1.

#### DRUG CATEGORY LEVELS

490	3	1164-1166	[RX10V1C1] Level 1 of MULTUM DRUG CATEGORY # 1
491	3	1167-1169	[RX10V1C2] Level 1 of MULTUM DRUG CATEGORY # 2
492	3	1170-1172	[RX10V1C3] Level 1 of MULTUM DRUG CATEGORY # 3
493	3	1173-1175	[RX10V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
494	3	1176-1178	[RX10V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
495	3	1179-1181	[RX10V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
496	3	1182-1184	[RX10V2C3] Level 2 of MULTUM DRUG CATEGORY # 3
497	3	1185-1187	[RX10V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
498	3	1188-1190	[RX10V3C1] Level 3 of MULTUM DRUG CATEGORY # 1
499	3	1191-1193	[RX10V3C2] Level 3 of MULTUM DRUG CATEGORY # 2
500	3	1194-1196	[RX10V3C3] Level 3 of MULTUM DRUG CATEGORY # 3
501	3	1197-1199	[RX10V3C4] Level 3 of MULTUM DRUG CATEGORY # 4

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#### DRUG-RELATED INFO FOR MEDICATION #11

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 60) for coding information.

502	6	1200-1205	[DRUGID11] Drug ID
503	1	1206	[PRESCR11] PRESCRIPTION STATUS CODE
504	1	1207	[CONTSUB11] CONTROLLED SUBSTANCE STATUS CODE
505	1	1208	[COMSTAT11] COMPOSITION STATUS CODE
506	3	1209-1211	[RX11CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class)
507	3	1212-1214	[RX11CAT2] MULTUM DRUG CATEGORY # 2 See RX11CAT1.
508	3	1215-1217	[RX11CAT3] MULTUM DRUG CATEGORY # 3 See RX11CAT1.
509	3	1218-1220	[RX11CAT4] MULTUM DRUG CATEGORY # 4 See RX11CAT1.

#### DRUG CATEGORY LEVELS

510	3	1221-1223	[RX11V1C1] Level 1 of MULTUM DRUG CATEGORY # 1
511	3	1224-1226	[RX11V1C2] Level 1 of MULTUM DRUG CATEGORY # 2
512	3	1227-1229	[RX11V1C3] Level 1 of MULTUM DRUG CATEGORY # 3
513	3	1230-1232	[RX11V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
514	3	1233-1235	[RX11V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
515	3	1236-1238	[RX11V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
516	3	1239-1241	[RX11V2C3] Level 2 of MULTUM DRUG CATEGORY # 3
517	3	1242-1244	[RX11V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
518	3	1245-1247	[RX11V3C1] Level 3 of MULTUM DRUG CATEGORY # 1
519	3	1248-1250	[RX11V3C2] Level 3 of MULTUM DRUG CATEGORY # 2
520	3	1251-1253	[RX11V3C3] Level 3 of MULTUM DRUG CATEGORY # 3
521	3	1254-1256	[RX11V3C4] Level 3 of MULTUM DRUG CATEGORY # 4

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#### DRUG-RELATED INFO FOR MEDICATION #12

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 60) for coding information.

522	6	1257-1262	[DRUGID12] Drug ID
523	1	1263	[PRESCR12] PRESCRIPTION STATUS CODE
524	1	1264	[CONTSUB12] CONTROLLED SUBSTANCE STATUS CODE
525	1	1265	[COMSTAT12] COMPOSITION STATUS CODE
526	3	1266-1268	[RX12CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class)
527	3	1269-1271	[RX12CAT2] MULTUM DRUG CATEGORY # 2 See RX12CAT1.
528	3	1272-1274	[RX12CAT3] MULTUM DRUG CATEGORY # 3 See RX12CAT1.
529	3	1275-1277	[RX12CAT4] MULTUM DRUG CATEGORY # 4 See RX12CAT1.

#### DRUG CATEGORY LEVELS

530	3	1278-1280	[RX12V1C1] Level 1 of MULTUM DRUG CATEGORY # 1
531	3	1281-1283	[RX12V1C2] Level 1 of MULTUM DRUG CATEGORY # 2
532	3	1284-1286	[RX12V1C3] Level 1 of MULTUM DRUG CATEGORY # 3
533	3	1287-1289	[RX12V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
534	3	1290-1292	[RX12V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
535	3	1293-1295	[RX12V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
536	3	1296-1298	[RX12V2C3] Level 2 of MULTUM DRUG CATEGORY # 3
537	3	1299-1301	[RX12V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
538	3	1302-1304	[RX12V3C1] Level 3 of MULTUM DRUG CATEGORY # 1
539	3	1305-1307	[RX12V3C2] Level 3 of MULTUM DRUG CATEGORY # 2
540	3	1308-1310	[RX12V3C3] Level 3 of MULTUM DRUG CATEGORY # 3
541	3	1311-1313	[RX12V3C4] Level 3 of MULTUM DRUG CATEGORY # 4

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#### DRUG-RELATED INFO FOR MEDICATION #13

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 60) for coding information.

542	6	1314-1319	[DRUGID13] Drug ID
543	1	1320	[PRESCR13] PRESCRIPTION STATUS CODE
544	1	1321	[CONTSUB13] CONTROLLED SUBSTANCE STATUS CODE
545	1	1322	[COMSTAT13] COMPOSITION STATUS CODE
546	3	1323-1325	[RX13CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class)
547	3	1326-1328	[RX13CAT2] MULTUM DRUG CATEGORY # 2 See RX13CAT1.
548	3	1329-1331	[RX13CAT3] MULTUM DRUG CATEGORY # 3 See RX13CAT1.
549	3	1332-1334	[RX13CAT4] MULTUM DRUG CATEGORY # 4 See RX13CAT1.

#### DRUG CATEGORY LEVELS

550	3	1335-1337	[RX13V1C1] Level 1 of MULTUM DRUG CATEGORY # 1
551	3	1338-1340	[RX13V1C2] Level 1 of MULTUM DRUG CATEGORY # 2
552	3	1341-1343	[RX13V1C3] Level 1 of MULTUM DRUG CATEGORY # 3
553	3	1344-1346	[RX13V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
554	3	1347-1349	[RX13V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
555	3	1350-1352	[RX13V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
556	3	1353-1355	[RX13V2C3] Level 2 of MULTUM DRUG CATEGORY # 3
557	3	1356-1358	[RX13V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
558	3	1359-1361	[RX13V3C1] Level 3 of MULTUM DRUG CATEGORY # 1
559	3	1362-1364	[RX13V3C2] Level 3 of MULTUM DRUG CATEGORY # 2
560	3	1365-1367	[RX13V3C3] Level 3 of MULTUM DRUG CATEGORY # 3
561	3	1368-1370	[RX13V3C4] Level 3 of MULTUM DRUG CATEGORY # 4

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#### DRUG-RELATED INFO FOR MEDICATION #14

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 60) for coding information.

562	6	1371-1376	[DRUGID14] Drug ID
563	1	1377	[PRESCR14] PRESCRIPTION STATUS CODE
564	1	1378	[CONTSUB14] CONTROLLED SUBSTANCE STATUS CODE
565	1	1379	[COMSTAT14] COMPOSITION STATUS CODE
566	3	1380-1382	[RX14CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class)
567	3	1383-1385	[RX14CAT2] MULTUM DRUG CATEGORY # 2 See RX14CAT1.
568	3	1386-1388	[RX14CAT3] MULTUM DRUG CATEGORY # 3 See RX14CAT1.
569	3	1389-1391	[RX14CAT4] MULTUM DRUG CATEGORY # 4 See RX14CAT1.

#### DRUG CATEGORY LEVELS

570	3	1392-1394	[RX14V1C1] Level 1 of MULTUM DRUG CATEGORY # 1
571	3	1395-1397	[RX14V1C2] Level 1 of MULTUM DRUG CATEGORY # 2
572	3	1398-1400	[RX14V1C3] Level 1 of MULTUM DRUG CATEGORY # 3
573	3	1401-1403	[RX14V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
574	3	1404-1406	[RX14V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
575	3	1407-1409	[RX14V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
576	3	1410-1412	[RX14V2C3] Level 2 of MULTUM DRUG CATEGORY # 3
577	3	1413-1415	[RX14V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
578	3	1416-1418	[RX14V3C1] Level 3 of MULTUM DRUG CATEGORY # 1
579	3	1419-1421	[RX14V3C2] Level 3 of MULTUM DRUG CATEGORY # 2
580	3	1422-1424	[RX14V3C3] Level 3 of MULTUM DRUG CATEGORY # 3
581	3	1425-1427	[RX14V3C4] Level 3 of MULTUM DRUG CATEGORY # 4

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#### DRUG-RELATED INFO FOR MEDICATION #15

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 60) for coding information.

582	6	1428-1433	[DRUGID15] Drug ID
583	1	1434	[PRESCR15] PRESCRIPTION STATUS CODE
584	1	1435	[CONTSUB15] CONTROLLED SUBSTANCE STATUS CODE
585	1	1436	[COMSTAT15] COMPOSITION STATUS CODE
586	3	1437-1439	[RX15CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class)
587	3	1440-1442	[RX15CAT2] MULTUM DRUG CATEGORY # 2 See RX15CAT1.
588	3	1443-1445	[RX15CAT3] MULTUM DRUG CATEGORY # 3 See RX15CAT1.
589	3	1446-1448	[RX15CAT4] MULTUM DRUG CATEGORY # 4 See RX15CAT1.

#### DRUG CATEGORY LEVELS

590	3	1449-1451	[RX15V1C1] Level 1 of MULTUM DRUG CATEGORY # 1
591	3	1452-1454	[RX15V1C2] Level 1 of MULTUM DRUG CATEGORY # 2
592	3	1455-1457	[RX15V1C3] Level 1 of MULTUM DRUG CATEGORY # 3
593	3	1458-1460	[RX15V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
594	3	1461-1463	[RX15V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
595	3	1464-1466	[RX15V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
596	3	1467-1469	[RX15V2C3] Level 2 of MULTUM DRUG CATEGORY # 3
597	3	1470-1472	[RX15V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
598	3	1473-1475	[RX15V3C1] Level 3 of MULTUM DRUG CATEGORY # 1
599	3	1476-1478	[RX15V3C2] Level 3 of MULTUM DRUG CATEGORY # 2
600	3	1479-1481	[RX15V3C3] Level 3 of MULTUM DRUG CATEGORY # 3
601	3	1482-1484	[RX15V3C4] Level 3 of MULTUM DRUG CATEGORY # 4

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#### DRUG-RELATED INFO FOR MEDICATION #16

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 60) for coding information.

602	6	1485-1490	[DRUGID16] Drug ID
603	1	1491	[PRESCR16] PRESCRIPTION STATUS CODE
604	1	1492	[CONTSUB16] CONTROLLED SUBSTANCE STATUS CODE
605	1	1493	[COMSTAT16] COMPOSITION STATUS CODE
606	3	1494-1496	[RX16CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class)
607	3	1497-1499	[RX16CAT2] MULTUM DRUG CATEGORY # 2 See RX16CAT1.
608	3	1500-1502	[RX16CAT3] MULTUM DRUG CATEGORY # 3 See RX16CAT1.
609	3	1503-1505	[RX16CAT4] MULTUM DRUG CATEGORY # 4 See RX16CAT1.

#### DRUG CATEGORY LEVELS

610	3	1506-1508	[RX16V1C1] Level 1 of MULTUM DRUG CATEGORY # 1
611	3	1509-1511	[RX16V1C2] Level 1 of MULTUM DRUG CATEGORY # 2
612	3	1512-1514	[RX16V1C3] Level 1 of MULTUM DRUG CATEGORY # 3
613	3	1515-1517	[RX16V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
614	3	1518-1520	[RX16V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
615	3	1521-1523	[RX16V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
616	3	1524-1526	[RX16V2C3] Level 2 of MULTUM DRUG CATEGORY # 3
617	3	1527-1529	[RX16V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
618	3	1530-1532	[RX16V3C1] Level 3 of MULTUM DRUG CATEGORY # 1
619	3	1533-1535	[RX16V3C2] Level 3 of MULTUM DRUG CATEGORY # 2
620	3	1536-1538	[RX16V3C3] Level 3 of MULTUM DRUG CATEGORY # 3
621	3	1539-1541	[RX16V3C4] Level 3 of MULTUM DRUG CATEGORY # 4

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#### DRUG-RELATED INFO FOR MEDICATION #17

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 60) for coding information.

622	6	1542-1547	[DRUGID17] Drug ID
623	1	1548	[PRESCR17] PRESCRIPTION STATUS CODE
624	1	1549	[CONTSUB17] CONTROLLED SUBSTANCE STATUS CODE
625	1	1550	[COMSTAT17] COMPOSITION STATUS CODE
626	3	1551-1553	[RX17CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class)
627	3	1554-1556	[RX17CAT2] MULTUM DRUG CATEGORY # 2 See RX17CAT1.
628	3	1557-1559	[RX17CAT3] MULTUM DRUG CATEGORY # 3 See RX17CAT1.
629	3	1560-1562	[RX17CAT4] MULTUM DRUG CATEGORY # 4 See RX17CAT1.

#### DRUG CATEGORY LEVELS

630	3	1563-1565	[RX17V1C1] Level 1 of MULTUM DRUG CATEGORY # 1
631	3	1566-1568	[RX17V1C2] Level 1 of MULTUM DRUG CATEGORY # 2
632	3	1569-1571	[RX17V1C3] Level 1 of MULTUM DRUG CATEGORY # 3
633	3	1572-1574	[RX17V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
634	3	1575-1577	[RX17V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
635	3	1578-1580	[RX17V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
636	3	1581-1583	[RX17V2C3] Level 2 of MULTUM DRUG CATEGORY # 3
637	3	1584-1586	[RX17V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
638	3	1587-1589	[RX17V3C1] Level 3 of MULTUM DRUG CATEGORY # 1
639	3	1590-1592	[RX17V3C2] Level 3 of MULTUM DRUG CATEGORY # 2
640	3	1593-1595	[RX17V3C3] Level 3 of MULTUM DRUG CATEGORY # 3
641	3	1596-1598	[RX17V3C4] Level 3 of MULTUM DRUG CATEGORY # 4

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#### DRUG-RELATED INFO FOR MEDICATION #18

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 60) for coding information.

642	6	1599-1604	[DRUGID18] Drug ID
643	1	1605	[PRESCR18] PRESCRIPTION STATUS CODE
644	1	1606	[CONTSUB18] CONTROLLED SUBSTANCE STATUS CODE
645	1	1607	[COMSTAT18] COMPOSITION STATUS CODE
646	3	1608-1610	[RX18CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class)
647	3	1611-1613	[RX18CAT2] MULTUM DRUG CATEGORY # 2 See RX18CAT1.
648	3	1614-1616	[RX18CAT3] MULTUM DRUG CATEGORY # 3 See RX18CAT1.
649	3	1617-1619	[RX18CAT4] MULTUM DRUG CATEGORY # 4 See RX18CAT1.

#### DRUG CATEGORY LEVELS

650	3	1620-1622	[RX18V1C1] Level 1 of MULTUM DRUG CATEGORY # 1
651	3	1623-1625	[RX18V1C2] Level 1 of MULTUM DRUG CATEGORY # 2
652	3	1626-1628	[RX18V1C3] Level 1 of MULTUM DRUG CATEGORY # 3
653	3	1629-1631	[RX18V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
654	3	1632-1634	[RX18V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
655	3	1635-1637	[RX18V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
656	3	1638-1640	[RX18V2C3] Level 2 of MULTUM DRUG CATEGORY # 3
657	3	1641-1643	[RX18V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
658	3	1644-1646	[RX18V3C1] Level 3 of MULTUM DRUG CATEGORY # 1
659	3	1647-1649	[RX18V3C2] Level 3 of MULTUM DRUG CATEGORY # 2
660	3	1650-1652	[RX18V3C3] Level 3 of MULTUM DRUG CATEGORY # 3
661	3	1653-1655	[RX18V3C4] Level 3 of MULTUM DRUG CATEGORY # 4

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#### DRUG-RELATED INFO FOR MEDICATION #19

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 60) for coding information.

662	6	1656-1661	[DRUGID19] Drug ID
663	1	1662	[PRESCR19] PRESCRIPTION STATUS CODE
664	1	1663	[CONTSUB19] CONTROLLED SUBSTANCE STATUS CODE
665	1	1664	[COMSTAT19] COMPOSITION STATUS CODE
666	3	1665-1667	[RX19CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class)
667	3	1669-1670	[RX19CAT2] MULTUM DRUG CATEGORY # 2 See RX19CAT1.
668	3	1671-1673	[RX19CAT3] MULTUM DRUG CATEGORY # 3 See RX19CAT1.
669	3	1674-1676	[RX19CAT4] MULTUM DRUG CATEGORY # 4 See RX19CAT1.

#### DRUG CATEGORY LEVELS

670	3	1677-1679	[RX19V1C1] Level 1 of MULTUM DRUG CATEGORY # 1
671	3	1680-1682	[RX19V1C2] Level 1 of MULTUM DRUG CATEGORY # 2
672	3	1683-1685	[RX19V1C3] Level 1 of MULTUM DRUG CATEGORY # 3
673	3	1686-1688	[RX19V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
674	3	1689-1690	[RX19V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
675	3	1692-1694	[RX19V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
676	3	1695-1697	[RX19V2C3] Level 2 of MULTUM DRUG CATEGORY # 3
677	3	1698-1700	[RX19V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
678	3	1701-1703	[RX19V3C1] Level 3 of MULTUM DRUG CATEGORY # 1
679	3	1704-1706	[RX19V3C2] Level 3 of MULTUM DRUG CATEGORY # 2
680	3	1707-1709	[RX19V3C3] Level 3 of MULTUM DRUG CATEGORY # 3
681	3	1710-1712	[RX19V3C4] Level 3 of MULTUM DRUG CATEGORY # 4

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#### DRUG-RELATED INFO FOR MEDICATION #20

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 60) for coding information.

682	6	1713-1718	[DRUGID20] Drug ID
683	1	1719	[PRESCR20] PRESCRIPTION STATUS CODE
684	1	1720	[CONTSUB20] CONTROLLED SUBSTANCE STATUS CODE
685	1	1721	[COMSTAT20] COMPOSITION STATUS CODE
686	3	1722-1724	[RX20CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class)
687	3	1725-1727	[RX20CAT2] MULTUM DRUG CATEGORY # 2 See RX20CAT1.
688	3	1728-1730	[RX20CAT3] MULTUM DRUG CATEGORY # 3 See RX20CAT1.
689	3	1731-1733	[RX20CAT4] MULTUM DRUG CATEGORY # 4 See RX20CAT1.

#### DRUG CATEGORY LEVELS

690	3	1734-1736	[RX20V1C1] Level 1 of MULTUM DRUG CATEGORY # 1
681	3	1737-1739	[RX20V1C2] Level 1 of MULTUM DRUG CATEGORY # 2
692	3	1740-1742	[RX20V1C3] Level 1 of MULTUM DRUG CATEGORY # 3
693	3	1743-1745	[RX20V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
694	3	1746-1748	[RX20V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
695	3	1749-1751	[RX20V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
696	3	1752-1754	[RX20V2C3] Level 2 of MULTUM DRUG CATEGORY # 3
697	3	1755-1757	[RX20V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
698	3	1758-1760	[RX20V3C1] Level 3 of MULTUM DRUG CATEGORY # 1
699	3	1761-1763	[RX20V3C2] Level 3 of MULTUM DRUG CATEGORY # 2
699	3	1764-1766	[RX20V3C3] Level 3 of MULTUM DRUG CATEGORY # 3
700	3	1767-1769	[RX20V3C4] Level 3 of MULTUM DRUG CATEGORY # 4

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#### DRUG-RELATED INFO FOR MEDICATION #21

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 60) for coding information.

702	6	1770-1775	[DRUGID21] Drug ID
703	1	1776	[PRESCR21] PRESCRIPTION STATUS CODE
704	1	1777	[CONTSUB21] CONTROLLED SUBSTANCE STATUS CODE
705	1	1778	[COMSTAT21] COMPOSITION STATUS CODE
706	3	1779-1781	[RX21CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class)
707	3	1782-1784	[RX21CAT2] MULTUM DRUG CATEGORY # 2 See RX21CAT1.
708	3	1785-1786	[RX21CAT3] MULTUM DRUG CATEGORY # 3 See RX21CAT1.
709	3	1787-1790	[RX21CAT4] MULTUM DRUG CATEGORY # 4 See RX21CAT1.

#### DRUG CATEGORY LEVELS

710	3	1791-1793	[RX21V1C1] Level 1 of MULTUM DRUG CATEGORY # 1
711	3	1794-1796	[RX21V1C2] Level 1 of MULTUM DRUG CATEGORY # 2
712	3	1797-1799	[RX21V1C3] Level 1 of MULTUM DRUG CATEGORY # 3
713	3	1800-1802	[RX21V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
714	3	1803-1805	[RX21V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
715	3	1806-1808	[RX21V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
716	3	1809-1811	[RX21V2C3] Level 2 of MULTUM DRUG CATEGORY # 3
717	3	1812-1814	[RX21V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
718	3	1815-1817	[RX21V3C1] Level 3 of MULTUM DRUG CATEGORY # 1
719	3	1818-1820	[RX21V3C2] Level 3 of MULTUM DRUG CATEGORY # 2
720	3	1821-1823	[RX21V3C3] Level 3 of MULTUM DRUG CATEGORY # 3
721	3	1824-1826	[RX21V3C4] Level 3 of MULTUM DRUG CATEGORY # 4

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#### DRUG-RELATED INFO FOR MEDICATION #22

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 60) for coding information.

722	6	1827-1832	[DRUGID22] Drug ID
723	1	1833	[PRESCR22] PRESCRIPTION STATUS CODE
724	1	1834	[CONTSUB22] CONTROLLED SUBSTANCE STATUS CODE
725	1	1835	[COMSTAT22] COMPOSITION STATUS CODE
726	3	1836-1838	[RX22CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class)
727	3	1839-1841	[RX22CAT2] MULTUM DRUG CATEGORY # 2 See RX22CAT1.
728	3	1842-1844	[RX22CAT3] MULTUM DRUG CATEGORY # 3 See RX22CAT1.
729	3	1845-1847	[RX22CAT4] MULTUM DRUG CATEGORY # 4 See RX22CAT1.

#### DRUG CATEGORY LEVELS

730	3	1848-1850	[RX22V1C1] Level 1 of MULTUM DRUG CATEGORY # 1
731	3	1851-1853	[RX22V1C2] Level 1 of MULTUM DRUG CATEGORY # 2
732	3	1854-1856	[RX22V1C3] Level 1 of MULTUM DRUG CATEGORY # 3
733	3	1857-1859	[RX22V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
734	3	1860-1862	[RX22V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
735	3	1863-1865	[RX22V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
736	3	1866-1868	[RX22V2C3] Level 2 of MULTUM DRUG CATEGORY # 3
737	3	1869-1871	[RX22V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
738	3	1872-1874	[RX22V3C1] Level 3 of MULTUM DRUG CATEGORY # 1
739	3	1875-1877	[RX22V3C2] Level 3 of MULTUM DRUG CATEGORY # 2
740	3	1878-1880	[RX22V3C3] Level 3 of MULTUM DRUG CATEGORY # 3
741	3	1881-1883	[RX22V3C4] Level 3 of MULTUM DRUG CATEGORY # 4

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#### DRUG-RELATED INFO FOR MEDICATION #23

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 60) for coding information.

742	6	1884-1889	[DRUGID23] Drug ID
743	1	1890	[PRESCR23] PRESCRIPTION STATUS CODE
744	1	1891	[CONTSUB23] CONTROLLED SUBSTANCE STATUS CODE
745	1	1892	[COMSTAT23] COMPOSITION STATUS CODE
746	3	1893-1895	[RX23CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class)
747	3	1896-1898	[RX23CAT2] MULTUM DRUG CATEGORY # 2 See RX23CAT1.
748	3	1899-1901	[RX23CAT3] MULTUM DRUG CATEGORY # 3 See RX23CAT1.
749	3	1902-1904	[RX23CAT4] MULTUM DRUG CATEGORY # 4 See RX23CAT1.

#### DRUG CATEGORY LEVELS

750	3	1905-1907	[RX23V1C1] Level 1 of MULTUM DRUG CATEGORY # 1
751	3	1908-1910	[RX23V1C2] Level 1 of MULTUM DRUG CATEGORY # 2
752	3	1911-1913	[RX23V1C3] Level 1 of MULTUM DRUG CATEGORY # 3
753	3	1914-1916	[RX23V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
754	3	1917-1919	[RX23V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
755	3	1920-1922	[RX23V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
756	3	1923-1925	[RX23V2C3] Level 2 of MULTUM DRUG CATEGORY # 3
757	3	1926-1928	[RX23V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
758	3	1929-1931	[RX23V3C1] Level 3 of MULTUM DRUG CATEGORY # 1
759	3	1932-1934	[RX23V3C2] Level 3 of MULTUM DRUG CATEGORY # 2
760	3	1935-1937	[RX23V3C3] Level 3 of MULTUM DRUG CATEGORY # 3
761	3	1938-1940	[RX23V3C4] Level 3 of MULTUM DRUG CATEGORY # 4

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#### DRUG-RELATED INFO FOR MEDICATION #24

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 60) for coding information.

762	6	1941-1946	[DRUGID24] Drug ID
763	1	1947	[PRESCR24] PRESCRIPTION STATUS CODE
764	1	1948	[CONTSUB24] CONTROLLED SUBSTANCE STATUS CODE
765	1	1949	[COMSTAT24] COMPOSITION STATUS CODE
766	3	1950-1952	[RX24CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class)
767	3	1953-1955	[RX24CAT2] MULTUM DRUG CATEGORY # 2 See RX24CAT1.
768	3	1956-1958	[RX24CAT3] MULTUM DRUG CATEGORY # 3 See RX24CAT1.
769	3	1959-1961	[RX24CAT4] MULTUM DRUG CATEGORY # 4 See RX24CAT1.

#### DRUG CATEGORY LEVELS

770	3	1962-1964	[RX24V1C1] Level 1 of MULTUM DRUG CATEGORY # 1
771	3	1965-1967	[RX24V1C2] Level 1 of MULTUM DRUG CATEGORY # 2
772	3	1968-1970	[RX24V1C3] Level 1 of MULTUM DRUG CATEGORY # 3
773	3	1971-1973	[RX24V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
774	3	1974-1976	[RX24V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
775	3	1977-1979	[RX24V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
776	3	1980-1982	[RX24V2C3] Level 2 of MULTUM DRUG CATEGORY # 3
777	3	1983-1985	[RX24V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
778	3	1986-1988	[RX24V3C1] Level 3 of MULTUM DRUG CATEGORY # 1
779	3	1989-1991	[RX24V3C2] Level 3 of MULTUM DRUG CATEGORY # 2
780	3	1992-1994	[RX24V3C3] Level 3 of MULTUM DRUG CATEGORY # 3
781	3	1995-1997	[RX24V3C4] Level 3 of MULTUM DRUG CATEGORY # 4

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#### DRUG-RELATED INFO FOR MEDICATION #25

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 60) for coding information.

782	6	1998-2003	[DRUGID25] Drug ID
783	1	2004	[PRESCR25] PRESCRIPTION STATUS CODE
784	1	2005	[CONTSUB25] CONTROLLED SUBSTANCE STATUS CODE
785	1	2006	[COMSTAT25] COMPOSITION STATUS CODE
786	3	2007-2009	[RX25CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class)
787	3	2010-2012	[RX25CAT2] MULTUM DRUG CATEGORY # 2 See RX25CAT1.
788	3	2013-2015	[RX25CAT3] MULTUM DRUG CATEGORY # 3 See RX25CAT1.
789	3	2016-2018	[RX25CAT4] MULTUM DRUG CATEGORY # 4 See RX25CAT1.

#### DRUG CATEGORY LEVELS

790	3	2019-2021	[RX25V1C1] Level 1 of MULTUM DRUG CATEGORY # 1
791	3	2022-2024	[RX25V1C2] Level 1 of MULTUM DRUG CATEGORY # 2
792	3	2025-2027	[RX25V1C3] Level 1 of MULTUM DRUG CATEGORY # 3
793	3	2028-2030	[RX25V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
794	3	2031-2033	[RX25V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
795	3	2034-2036	[RX25V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
796	3	2037-2039	[RX25V2C3] Level 2 of MULTUM DRUG CATEGORY # 3
797	3	2040-2042	[RX25V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
798	3	2043-2045	[RX25V3C1] Level 3 of MULTUM DRUG CATEGORY # 1
799	3	2046-2048	[RX25V3C2] Level 3 of MULTUM DRUG CATEGORY # 2
800	3	2049-2051	[RX25V3C3] Level 3 of MULTUM DRUG CATEGORY # 3
801	3	2052-2054	[RX25V3C4] Level 3 of MULTUM DRUG CATEGORY # 4

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#### DRUG-RELATED INFO FOR MEDICATION #26

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 60) for coding information.

802	6	2055-2060	[DRUGID26] Drug ID
803	1	2061	[PRESCR26] PRESCRIPTION STATUS CODE
804	1	2062	[CONTSUB26] CONTROLLED SUBSTANCE STATUS CODE
805	1	2063	[COMSTAT26] COMPOSITION STATUS CODE
806	3	2064-2066	[RX26CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class)
807	3	2067-2069	[RX26CAT2] MULTUM DRUG CATEGORY # 2 See RX26CAT1.
808	3	2070-2072	[RX26CAT3] MULTUM DRUG CATEGORY # 3 See RX26CAT1.
809	3	2073-2075	[RX26CAT4] MULTUM DRUG CATEGORY # 4 See RX26CAT1.

#### DRUG CATEGORY LEVELS

810	3	2076-2078	[RX26V1C1] Level 1 of MULTUM DRUG CATEGORY # 1
811	3	2079-2081	[RX26V1C2] Level 1 of MULTUM DRUG CATEGORY # 2
812	3	2082-2084	[RX26V1C3] Level 1 of MULTUM DRUG CATEGORY # 3
813	3	2085-2087	[RX26V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
814	3	2088-2090	[RX26V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
815	3	2091-2093	[RX26V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
816	3	2094-2096	[RX26V2C3] Level 2 of MULTUM DRUG CATEGORY # 3
817	3	2097-2099	[RX26V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
818	3	2100-2102	[RX26V3C1] Level 3 of MULTUM DRUG CATEGORY # 1
819	3	2103-2105	[RX26V3C2] Level 3 of MULTUM DRUG CATEGORY # 2
820	3	2106-2108	[RX26V3C3] Level 3 of MULTUM DRUG CATEGORY # 3
821	3	2109-2111	[RX26V3C4] Level 3 of MULTUM DRUG CATEGORY # 4

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#### DRUG-RELATED INFO FOR MEDICATION #27

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 60) for coding information.

822	6	2112-2117	[DRUGID27] Drug ID
823	1	2118	[PRESCR27] PRESCRIPTION STATUS CODE
824	1	2119	[CONTSUB27] CONTROLLED SUBSTANCE STATUS CODE
825	1	2120	[COMSTAT27] COMPOSITION STATUS CODE
826	3	2121-2123	[RX27CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class)
827	3	2124-2126	[RX27CAT2] MULTUM DRUG CATEGORY # 2 See RX27CAT1.
828	3	2127-2129	[RX27CAT3] MULTUM DRUG CATEGORY # 3 See RX27CAT1.
829	3	2130-2132	[RX27CAT4] MULTUM DRUG CATEGORY # 4 See RX27CAT1.

#### DRUG CATEGORY LEVELS

830	3	2133-2135	[RX27V1C1] Level 1 of MULTUM DRUG CATEGORY # 1
831	3	2136-2138	[RX27V1C2] Level 1 of MULTUM DRUG CATEGORY # 2
832	3	2139-2141	[RX27V1C3] Level 1 of MULTUM DRUG CATEGORY # 3
833	3	2142-2144	[RX27V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
834	3	2145-2147	[RX27V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
835	3	2148-2150	[RX27V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
836	3	2151-2153	[RX27V2C3] Level 2 of MULTUM DRUG CATEGORY # 3
837	3	2154-2156	[RX27V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
838	3	2157-2159	[RX27V3C1] Level 3 of MULTUM DRUG CATEGORY # 1
839	3	2160-2162	[RX27V3C2] Level 3 of MULTUM DRUG CATEGORY # 2
840	3	2163-2165	[RX27V3C3] Level 3 of MULTUM DRUG CATEGORY # 3
841	3	2166-2168	[RX27V3C4] Level 3 of MULTUM DRUG CATEGORY # 4

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#### DRUG-RELATED INFO FOR MEDICATION #28

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 60) for coding information.

842	6	2169-2174	[DRUGID28] Drug ID
843	1	2175	[PRESCR28] PRESCRIPTION STATUS CODE
844	1	2176	[CONTSUB28] CONTROLLED SUBSTANCE STATUS CODE
845	1	2177	[COMSTAT28] COMPOSITION STATUS CODE
846	3	2178-2180	[RX28CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class)
847	3	2181-2183	[RX28CAT2] MULTUM DRUG CATEGORY # 2 See RX28CAT1.
848	3	2184-2186	[RX28CAT3] MULTUM DRUG CATEGORY # 3 See RX28CAT1.
849	3	2187-2189	[RX28CAT4] MULTUM DRUG CATEGORY # 4 See RX28CAT1.

#### DRUG CATEGORY LEVELS

850	3	2190-2192	[RX28V1C1] Level 1 of MULTUM DRUG CATEGORY # 1
851	3	2193-2195	[RX28V1C2] Level 1 of MULTUM DRUG CATEGORY # 2
852	3	2196-2198	[RX28V1C3] Level 1 of MULTUM DRUG CATEGORY # 3
853	3	2199-2201	[RX28V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
854	3	2202-2204	[RX28V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
855	3	2205-2207	[RX28V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
856	3	2208-2010	[RX28V2C3] Level 2 of MULTUM DRUG CATEGORY # 3
857	3	2211-2213	[RX28V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
858	3	2214-2216	[RX28V3C1] Level 3 of MULTUM DRUG CATEGORY # 1
859	3	2217-2219	[RX28V3C2] Level 3 of MULTUM DRUG CATEGORY # 2
860	3	2220-2222	[RX28V3C3] Level 3 of MULTUM DRUG CATEGORY # 3
861	3	2223-2225	[RX28V3C4] Level 3 of MULTUM DRUG CATEGORY # 4

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
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#### DRUG-RELATED INFO FOR MEDICATION #29

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 60) for coding information.

862	6	2226-2231	[DRUGID29] Drug ID
863	1	2232	[PRESCR29] PRESCRIPTION STATUS CODE
864	1	2233	[CONTSUB29] CONTROLLED SUBSTANCE STATUS CODE
865	1	2234	[COMSTAT29] COMPOSITION STATUS CODE
866	3	2235-2237	[RX29CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class)
867	3	2238-2240	[RX29CAT2] MULTUM DRUG CATEGORY # 2 See RX29CAT1.
868	3	2241-2243	[RX29CAT3] MULTUM DRUG CATEGORY # 3 See RX29CAT1.
869	3	2244-2246	[RX29CAT4] MULTUM DRUG CATEGORY # 4 See RX29CAT1.

#### DRUG CATEGORY LEVELS

870	3	2247-2249	[RX29V1C1] Level 1 of MULTUM DRUG CATEGORY # 1
871	3	2250-2252	[RX29V1C2] Level 1 of MULTUM DRUG CATEGORY # 2
872	3	2253-2255	[RX29V1C3] Level 1 of MULTUM DRUG CATEGORY # 3
873	3	2256-2258	[RX29V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
874	3	2259-2261	[RX29V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
875	3	2262-2264	[RX29V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
876	3	2265-2267	[RX29V2C3] Level 2 of MULTUM DRUG CATEGORY # 3
877	3	2268-2270	[RX29V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
878	3	2271-2273	[RX29V3C1] Level 3 of MULTUM DRUG CATEGORY # 1
879	3	2274-2276	[RX29V3C2] Level 3 of MULTUM DRUG CATEGORY # 2
880	3	2277-2279	[RX29V3C3] Level 3 of MULTUM DRUG CATEGORY # 3
881	3	2280-2282	[RX29V3C4] Level 3 of MULTUM DRUG CATEGORY # 4

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
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#### DRUG-RELATED INFO FOR MEDICATION #30

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 60) for coding information.

882	6	2283-2288	[DRUGID30] Drug ID
883	1	2289	[PRESCR30] PRESCRIPTION STATUS CODE
884	1	2290	[CONTSUB30] CONTROLLED SUBSTANCE STATUS CODE
885	1	2291	[COMSTAT30] COMPOSITION STATUS CODE
886	3	2292-2294	[RX30CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class)
887	3	2295-2297	[RX30CAT2] MULTUM DRUG CATEGORY # 2 See RX30CAT1.
888	3	2298-2300	[RX30CAT3] MULTUM DRUG CATEGORY # 3 See RX30CAT1.
889	3	2301-2303	[RX30CAT4] MULTUM DRUG CATEGORY # 4 See RX30CAT1.

#### DRUG CATEGORY LEVELS

890	3	2304-2306	[RX30V1C1] Level 1 of MULTUM DRUG CATEGORY # 1
891	3	2307-2309	[RX30V1C2] Level 1 of MULTUM DRUG CATEGORY # 2
892	3	2310-2312	[RX30V1C3] Level 1 of MULTUM DRUG CATEGORY # 3
893	3	2313-2315	[RX30V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
894	3	2316-2318	[RX30V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
895	3	2319-2321	[RX30V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
896	3	2322-2324	[RX30V2C3] Level 2 of MULTUM DRUG CATEGORY # 3
897	3	2325-2327	[RX30V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
898	3	2328-2330	[RX30V3C1] Level 3 of MULTUM DRUG CATEGORY # 1
899	3	2231-2333	[RX30V3C2] Level 3 of MULTUM DRUG CATEGORY # 2
900	3	2334-2336	[RX30V3C3] Level 3 of MULTUM DRUG CATEGORY # 3
901	3	2337-2339	[RX30V3C4] Level 3 of MULTUM DRUG CATEGORY # 4

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
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\*\*\*\*\* END OF DRUG CHARACTERISTICS \*\*\*\*\*

902        1        2340        [SETTYPE] SETTING TYPE  
               This item is intended for use when combining data from NAMCS or NHAMCS-OPD public use files with ED data.  
               1 = Physician Office (NAMCS) (only on NAMCS file)  
               2 = Outpatient Department (NHAMCS-OPD) (only on OPD file)  
               3 = Emergency Department (NHAMCS-ED)

903        4        2341-2344 [YEAR] SURVEY YEAR (2022)

#### NHAMCS DESIGN VARIABLES

Masked design variables were first released on the 2000 NHAMCS (and NAMCS) public use files and were subsequently added to the 1993-1999 public use files. These variables reflected the multi-stage sampling design of the surveys and were for use with statistical software like SUDAAN that takes such information into account. However, these variables could not be used in other statistical software packages, such as SAS and Stata, which employ an ultimate cluster model to estimate variance, without substantial modification. Therefore, two new variables were created and first added to the 2002 file, CSTRATM and CPSUM. They can be used to estimate variance with SUDAAN's with-replacement (WR) option, as well as with Stata, SPSS, SAS, and other statistical software packages utilizing an ultimate cluster model for variance estimation. These variables and their use are described more fully in the "Relative Standard Errors" section of the public use file documentation. The decision was made to include only these new variables, CSTRATM and CPSUM, and not the multi-stage design variables, beginning with the 2003 data release. For those who wish to combine data from 2003 forward with survey data from years prior to 2002 which do not contain CSTRATM and CPSUM, please see the technical paper, *Using Ultimate Cluster Models with NAMCS and NHAMCS Public Use Files*, at <http://www.cdc.gov/nchs/nhamcs.htm>.

904        8        2345-2352 [CSTRATM] CLUSTERED PSU STRATUM MARKER (masked)  
               20120201-40400000

905        6        2353-2358 [CPSUM] CLUSTERED PSU MARKER (masked)  
               1-100185

\*\*\*\*\* WEIGHTING VARIABLES \*\*\*\*\*

NOTE: Both PATWT and EDWT are provided in decimal format for better precision. The figure has been rounded to 5 decimal places for both.

906        11        2359-2369 [PATWT] PATIENT VISIT WEIGHT (See page 23 in Section I.)  
               PATWT enables data users to make national and regional estimate with sample data.  
               89.85488 – 57925.50019

907        9        2370-2378 [EDWT] EMERGENCY DEPARTMENT WEIGHT  
               EDWT enables data users to make emergency-department-level estimates. Please see page 23 for more information.  
               1.52202 – 104.49268

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
908	4	2379-2382	<p>[BOARDDED] Length of time boarded in the ED in minutes. Calculated from date/time of hospital admit order to date/time patient actually left the ED.</p> <p>-9 = Missing data -7 = Not applicable 0 - 4206 (reported range)</p>

**III. MARGINAL DATA****A. EMERGENCY DEPARTMENT PATIENT VISITS**

CATEGORY	RECORDS	WEIGHTED VISITS	PERCENT
PATIENT AGE			
Total	16,025	155,397,747	100.000
Under 15 years	2,849	26,420,477	17.002
15-24 years	2,084	20,674,998	13.305
25-44 years	4,170	39,568,148	25.462
45-64 years	3,703	35,799,194	23.037
65-74 years	1,581	15,551,734	10.008
75 years and over	1,638	17,383,195	11.186
CATEGORY	RECORDS	WEIGHTED VISITS	PERCENT
SEX			
Total	16,025	155,397,747	100.000
Female	8,465	84,868,962	54.614
Male	7,560	70,528,785	45.386
CATEGORY	RECORDS	WEIGHTED VISITS	PERCENT
ETHNICITY			
Total	16,025	155,397,747	100.000
Hispanic or Latino	2,648	24,828,048	15.977
Not Hispanic or Latino	13,377	130,569,699	84.023

CATEGORY	RECORDS	WEIGHTED VISITS	PERCENT
<b>RACE (Unimputed)</b>			
Total	16,025	155,397,747	100.000
Blank	3,022	25,628,533	16.492
White Only	8,737	89,704,578	57.726
Black/African American Only	3,667	34,624,040	22.281
Asian Only	396	3,594,178	2.313
Native Hawaiian/Oth Pac Isl Only	44	371,503	0.239
American Indian/Alaska Native Only	93	780,952	0.503
More than one race reported	66	693,961	0.447

CATEGORY	RECORDS	WEIGHTED VISITS	PERCENT
<b>Primary Expected Source of Payment</b>			
(Based on hierarchical recode of Expected Source(s) of Payment item)			
Total	16,025	155,397,747	100.000
All sources of payment are blank	158	1,892,368	1.218
Unknown	1,579	12,372,871	7.962
Private insurance	3,833	36,078,377	23.217
Medicare	3,187	34,221,136	22.022
Medicaid or CHIP or other state-based program	5,943	56,326,574	36.247
Worker's compensation	98	848,921	0.546
Self-pay	748	9,467,507	6.092
No charge/Charity	48	384,412	0.247
Other	431	3,805,580	2.449

CATEGORY	RECORDS	WEIGHTED VISITS	PERCENT
Immediacy with Which Patient Should Be Seen			
Total	16,025	155,397,747	100.000
Blank	364	3,824,011	2.461
Unknown	3,788	36,307,727	23.364
No triage for this visit but ESA does conduct triage	587	4,668,922	3.004
Immediate	139	1,521,345	0.979
Emergent	1,595	15,653,820	10.073
Urgent	5,340	51,507,822	33.146
Semi-urgent	2,826	30,093,901	19.366
Nonurgent	307	2,746,218	1.767
Visit occurred in ESA that does not conduct nursing triage	1,079	9,073,982	5.839

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CATEGORY	RECORDS	WEIGHTED VISITS	PERCENT
<b>Number of Medications</b>			
Total	16,025	155,397,747	100.000
0	3,634	35,110,724	22.594
1	3,251	30,683,505	19.745
2	2,824	27,465,837	17.675
3	2,062	20,456,515	13.164
4	1,378	13,819,650	8.893
5	882	9,150,104	5.888
6	539	5,158,333	3.319
7	388	3,825,529	2.462
8	235	2,397,525	1.543
9	186	1,865,912	1.201
10	110	957,617	0.616
11	76	858,722	0.553
12	73	698,095	0.449
13	63	421,765	0.271
14	52	450,208	0.290
15	48	426,615	0.275
16	33	250,995	0.162
17	36	235,421	0.151
18	32	262,611	0.169
19	15	70,219	0.045
20	28	234,460	0.151
21	17	114,219	0.074
22	9	114,918	0.074
23	17	67,998	0.044
24	8	94,240	0.061
25	9	56,767	0.037
26	6	59,808	0.038
27	2	12,829	0.008
28	7	46,229	0.030
29	4	27,519	0.018
30	1	2,857	0.002

**B. EMERGENCY DEPARTMENT DRUG MENTIONS**

CATEGORY	RECORDS	WEIGHTED MENTIONS	PERCENT
Patient Age			
Total	44,066	420,319,982	100.000
Under 15 years	4,603	41,824,640	9.951
15-24 years	4,663	47,015,594	11.186
25-44 years	11,336	106,562,569	25.353
45-64 years	11,896	113,450,227	26.991
65-74 years	5,559	51,938,840	12.357
75 years and over	6,009	59,528,112	14.163
CATEGORY	RECORDS	WEIGHTED MENTIONS	PERCENT
Sex			
Total	44,066	420,319,982	100.000
Female	24,295	240,131,976	57.131
Male	19,771	180,188,005	42.869
CATEGORY	RECORDS	WEIGHTED MENTIONS	PERCENT
Race (Unimputed)			
Total	44,066	420,319,982	100.000
Blank	6,546	56,615,808	13.470
White Only	26,192	259,319,477	61.696
Black/African American Only	9,782	91,251,030	21.710
Asian Only	1,017	9,395,772	2.235
Native Hawaiian/Oth Pac Isl Only	107	839,148	0.200
American Indian/Alaska Native Only	306	1,652,228	0.393
More than one race reported	116	1,246,518	0.297

CATEGORY	RECORDS	WEIGHTED MENTIONS	PERCENT
Drug therapeutic categories (using Level 1 codes)			
Total	51,588	496,086,763	100.000
Anti-infectives	4,474	44,892,726	9.049
Antineoplastics	52	512,563	0.103
Biologicals	14	230,524	0.046
Cardiovascular agents	3,380	31,355,669	6.321
Central nervous system agents	16,584	157,679,448	31.785
Coagulation modifiers	1,196	12,136,415	2.446
Gastrointestinal agents	3,183	30,231,069	6.094
Hormones/hormone modifiers	1,380	14,187,743	2.860
Miscellaneous agents	1,672	14,607,941	2.945
Genitourinary tract agents	327	2,839,739	0.572
Nutritional products	6,077	59,707,699	12.036
Respiratory agents	6,916	70,560,461	14.223
Topical agents	1,841	16,757,583	3.378
Plasma expanders	10	59,243	0.012
Alternative medicines	226	1,896,326	0.382
Psychotherapeutic agents	1,353	10,043,210	2.024
Immunological agents	436	4,097,040	0.826
Radiologic agents	1,010	10,099,881	2.036
Metabolic agents	1,213	11,094,420	2.236
Medical gases	222	2,954,788	0.596
Pharmaceutical aids	22	142,275	0.029

NOTE: Therapeutic categories are based on Lexicon Plus®, a proprietary database formerly of Cerner Multum, Inc. and now licensed through UpToDate Lexidrug by [Wolters Kluwer](#). The Lexicon Plus is a comprehensive database of all prescription and some nonprescription drug products available in the U.S. drug market. For more information on coding therapeutic categories in NHAMCS, see page 18.

**C. EMERGENCY DEPARTMENTS**

CATEGORY	RECORDS	WEIGHTED EMERGENCY DEPARTMENTS	PERCENT
Geographic region			
Total	188	4,690	100.000
Northeast	35	640	13.656
Midwest	53	1,438	30.654
South	57	1,832	39.055
West	43	780	16.635
CATEGORY	RECORDS	WEIGHTED EMERGENCY DEPARTMENTS	PERCENT
Metropolitan Statistical Area (MSA) Status			
Total	188	4,690	100.000
MSA (Metropolitan Statistical Area)	163	3,042	64.871
Non-MSA	25	1,648	35.129

## APPENDIX I

### A. STANDARD ERRORS AND VARIANCE ESTIMATION

The standard error is primarily a measure of the sampling variability that occurs by chance because only a sample is surveyed, rather than the entire universe. The relative standard error (RSE) of an estimate is obtained by dividing the standard error of the estimate by the estimate itself and is expressed as a percentage of the estimate. Standard errors and other measures of sampling variability are best determined by using a statistical software package that takes into account the sample designs of surveys to produce such measures.

In the past, NHAMCS micro-data file documentation contained formulas for approximating relative standard errors based on generalized variance curves as well as tables showing lowest reliable estimates based on curve coefficients. This was provided as an alternative for data users who lacked analytic software to produce standard errors and other measures of sampling variability. However, it has long been recognized that such approximations are less accurate than those produced using a statistical software package that takes into account the complex sample designs of surveys. As more data users have obtained access to sophisticated computer software over time, and as recent efforts by NCHS research staff to refine the generalized variance curves did not yield significant improvements, the decision was made starting with 2011 NHAMCS data to discontinue the provision of these approximate methods of variance estimation.

Using computer software like SUDAAN to produce standard errors will, in general, yield results that are more accurate than those produced using generalized variance curves. This is especially true for clustered variables like race, provider seen, or expected source of payment. However, standard errors produced with such software using masked design variables, while improving substantially over generalized variance curve results, will not always be as accurate as those produced using unmasked data. Data files containing unmasked variables are confidential and are only available through the NCHS Research Data Center. While the initial release of masked design variables (starting with the 2000 data year and continuing with re-released files for 1993-99) included the multi-stage variables necessary for running SUDAAN's full sample without-replacement design option, the 2002 release added two new variables (CSTRATM and CPSUM) needed for running programs that use an ultimate cluster model.

Ultimate cluster variance estimates depend only on the first stage of the sample design, so that only first-stage cluster and first-stage stratum identification are required. The earlier version of the masked design variables could not be used with such software without substantial recoding. For 2003 forward, the decision was made to include only those two new variables on the files. The new variables, CSTRATM and CPSUM, differ from the earlier design variables STRATM and PSUM, in that providers are the first-stage sampling units in certainty areas (geographic areas selected with certainty), while geographic areas are the first-stage sampling units in non-certainty areas. Therefore, one should not use the new and old versions (CSTRATM and STRATM or CPSUM and PSUM) together (as for example, when combining years of data). Researchers who wish to combine data from 2003 forward with prior files which do not contain CSTRATM and CPSUM should refer to the technical paper, [Using Ultimate Cluster Models with NAMCS and NHAMCS Public Use Files](#), which is also available on the NHAMCS [website](#).

Examples using CSTRATM and CPSUM in SUDAAN's 1-stage WR (with replacement) design option, SAS's PROC SURVEYMEANS, Stata, and SPSS applications are presented below. These examples can be used to approximate variances for visit estimates for one year of data alone or when combined with NAMCS data or previous years of NHAMCS data.

It should be noted that for survey data through 2011, when the NHAMCS Outpatient Department public use file was last released, data users were urged to combine data from the ED and OPD components of NHAMCS in order to ensure that all hospitals were included (because hospitals were sampled prior to the selection of EDs and OPDs) to get the best variance estimation. In the public use files, there can be hospitals with EDs but no OPDs, and vice versa, and if only one file were used, not all sample hospitals would be accounted for when calculating variances. However, because OPD data have not yet been

released for 2012-2017, research was conducted to determine if special steps should be taken to preserve all sampling clusters when computing variances with ED records alone.

As stated previously, starting in 2010, when the ambulatory surgery (AS) component was added to NHAMCS, analysis was conducted within the Division of Health Care Statistics to ensure that the sampling design information was complete when combining the ED and OPD public use files, even though the AS file was not yet available (the 2010 AS public use file was released in early 2017). Because NCHS has not yet released OPD or AS public use files for 2012 through 2017, internal research was conducted each year to study the effects of only using ED data, without OPD or AS data, using the same methodology employed since 2012.

For 2022, this analysis was no longer relevant, because only hospitals with EDs were eligible to participate in the survey. It should be kept in mind that some understatement of variances related to between-area-PSU differences is possible. However, resources are not available at this time to investigate this. We continue to advise that in order to decrease the possibility of a Type I error when analyzing the 2022 NHAMCS ED public use file, researchers test for significant differences at the alpha=0.01 level, rather than the more commonly used 0.05 level. For questions, please contact the Data Analytics and Production Branch (formerly Ambulatory and Hospital Care Statistics Branch) at 301-458-4600 or email ambcare@cdc.gov.

### **SUDAAN 1-stage WR (With-Replacement) Option**

The program below provides a with-replacement ultimate cluster (1-stage) estimate of standard errors for a cross-tabulation with a dataset called COMB1.

```
PROC CROSSTAB DATA=ED1 DESIGN=WR FILETYPE=SAS;
NEST CSTRATM CPSUM/MISSUNIT;
```

### **SAS - PROC SURVEYMEANS**

```
PROC SURVEYMEANS DATA=ED1;
CLUSTER CPSUM;
STRATA CSTRATM;
```

### **Stata - For use with ultimate cluster design option:**

The pweight (PATWT), strata (CSTRATM), and PSU (CPSUM) are set with the svyset command as follows:

**Stata 8:**  
svyset [pweight=patwt], psu(cpsum) strata(cstratm)

**Stata 9 and later:**  
svyset cpsum [pweight=patwt], strata(cstratm)

### **SPSS**

To obtain variance estimates which take the sample design into account, IBM SPSS Inc.'s Complex Samples module can be used. This description applies to version 21.0. From the main menu, first click on 'Analyze', then 'Complex Samples', then 'Prepare for Analysis'. The 'Analysis Preparation Wizard' can be used to set CSTRATM as the stratum variable, CPSUM as the cluster variable, and PATWT as the weighting variable. The WR design option may be chosen. This will create the PLAN FILE syntax, which should resemble the code below, where PLAN FILE reflects the location you have selected to store the file on your computer:

**CSPLAN ANALYSIS**

```
/PLAN FILE='DIRECTORY\PLANNNAME.CSAPLAN'  
/PLAN VARS ANALYSISWEIGHT=PATWT  
/PRINT PLAN  
/DESIGN STAGELABEL= 'ANY LABEL' STRATA=CSTRATM CLUSTER=CPSUM  
/ESTIMATOR TYPE=WR.
```

After creating the plan file, various analyses can be selected from the ‘Complex Samples’ menu. This is an example of a crosstabulation with options selected for counts, percents, and standard errors, with missing data (if any) included:

**CSTABULATE**

```
/PLAN FILE='DIRECTORY\PLANNNAME.CSAPLAN'  
/TABLES VARIABLES = AGER BY SEX  
/CELLS POPSIZE ROWPCT COLPCT  
/STATISTICS SE COUNT  
/MISSING SCOPE = TABLE CLASSMISSING = INCLUDE.
```

Results using IBM SPSS with the WR option were found to be the same as those obtained using SUDAAN Release 11.0.1 with the WR option.

Since the ultimate cluster procedures discussed above compute Taylor series variance estimates, results should be identical. Results differ, however, when a single case stratum, or singleton, is present on the data file because each software package treats such cases differently. There are no singletons on the 2022 NHAMCS ED public use file, so this should not present a problem.

**IMPORTANT NOTE:** These examples can be used when producing visit or drug estimates. For department-level estimates, the statements are the same, but replace PATWT with EDWT. EDWT is only placed on the first record for each emergency department on the file. When running purely facility level analysis, it is recommended that only records with EDWT > 0 be selected; this will give the correct sample counts and will not affect estimation of variance. Weighted estimates will be correct either way.

In addition to producing estimates of department-level characteristics, it is possible to compute means of visit characteristics at the department level, for example, average waiting time to see a physician in the ED. This is a more complicated process and is described with sample SAS code at the Ambulatory Health Care Data website ([https://www.cdc.gov/nchs/ahcd/survey\\_methods.htm](https://www.cdc.gov/nchs/ahcd/survey_methods.htm)). For more information, contact the the Data Analytics and Production Branch (formerly Ambulatory and Hospital Care Statistics Branch) at 301-458-4600 or email ambcare@cdc.gov.

**B. INSTRUCTIONS FOR COMPLETING THE EMERGENCY DEPARTMENT PATIENT RECORD FORMS (PRFs)**

In years prior to 2012, NHAMCS data collection agents were provided with a manual containing the Patient Record Form Instructions. This was used to train hospital staff in completing the questionnaires and in familiarizing the data collection agents with the survey instructions in cases where they abstracted the data directly from medical records. Starting in 2012 when a computer-assisted mode of data collection was used for the first time, data collection agents abstracted data from medical records for nearly all sampled visits and recorded them using an automated tool. This tool contained online help screens which could be accessed during data collection for most data items, replacing the old paper manuals. What would be shown in this section is a compilation of the various help screen texts taken from the automated instrument.

PRF items and instructions used with the survey instrument in 2022 were almost identical to those used in 2021; the only changes were the addition of a "Coronavirus disease (COVID-19) test" checkbox and a "Coronavirus disease (COVID-19) antibody test" checkbox in the Diagnostic Services section of the Patient Record form.

Because item changes in recent years have been minimal and are explained in the text each year (as above), the full set of item instructions was last printed in [2016](#).

**C. DEFINITIONS OF CERTAIN TERMS USED IN THE SURVEY**

Patient - An individual seeking personal health services not currently admitted to any health care institution on the premises. Patients arriving by ambulance are included. Patients are defined as in scope or out of scope as follows:

In scope - A patient seen by hospital staff in an in scope emergency service area except as excluded below.

Out of scope - Patients seen by a physician in their private office, nursing home, or other extended care institution or in the patient's home. Patients who contact and receive advice from hospital staff via telephone. Patients who come to the hospital only to leave a specimen, to pick up insurance forms, to pick up medication, or to pay a bill.

Visit - A direct, personal exchange between an ambulatory patient seeking care and a physician or other hospital staff member working under the physician's supervision for the purpose of rendering personal health services.

Drug mention - The health care provider's entry on the Patient Record form of a pharmaceutical agent ordered, supplied, administered or continued during the visit-- by any route of administration--for prevention, diagnosis, or treatment. Generic as well as brand name drugs are included, as are nonprescription as well as prescription drugs. Along with all new drugs, the hospital staff also records continued medications if the patient was specifically instructed during the visit to continue the medication.

Hospital - All hospitals with an average length of stay for all patients of less than 30 days (short-stay) or hospital whose specialty is general (medical or surgical) or children's general are eligible for the National Hospital Ambulatory Medical Care Survey except Federal hospitals and hospital units of institutions, and hospitals with less than six beds staffed for patient use.

Emergency department - Hospital facility for the provision of unscheduled outpatient services to patients whose conditions require immediate care and which is staffed 24 hours a day. Emergency departments that are open less than 24 hours a day were included in the outpatient department component of NHAMCS prior to 2019. However, since the OPD component is no longer being fielded, such EDs are out of scope.

Emergency service area (ESA) - ESAs are the smallest administrative units of an ED where separate patient statistics are kept. An ESA may be located on the hospital grounds or operated off-site by the hospital. ESAs operated by the hospital, but staffed under contract by independent physicians, are eligible. This includes services provided under the "hospital as landlord" arrangement in which the hospital rents space to a physician group. ESAs are categorized by type in the survey induction interview as either general, adult, pediatric, urgent care/fast track, psychiatric, or other.

Region - Hospitals are classified by location in one of the four geographic regions of the United States that correspond to those used by the U.S. Bureau of the Census.

<u>Region</u>	<u>States included</u>
Northeast	Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont
Midwest	Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin
South	Alabama, Arkansas, Delaware, District of Columbia, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia
West	Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming

**APPENDIX II**  
**REASON FOR VISIT CLASSIFICATIONNC**

**A. SUMMARY OF CODES**

MODULE	CODE NUMBER
<b>SYMPTOM MODULE</b>	
General Symptoms	1001-1099
Symptoms Referable to Psychological and Mental Disorders	1100-1199
Symptoms Referable to the Nervous System (Excluding Sense Organs)	1200-1259
Symptoms Referable to the Cardiovascular and Lymphatic Systems	1260-1299
Symptoms Referable to the Eyes and Ears	1300-1399
Symptoms Referable to the Respiratory System	1400-1499
Symptoms Referable to the Digestive System	1500-1639
Symptoms Referable to the Genitourinary System	1640-1829
Symptoms Referable to the Skin, Nails, and Hair	1830-1899
Symptoms Referable to the Musculoskeletal System	1900-1999
<b>DISEASE MODULE</b>	
Infective and Parasitic Diseases	2001-2099
Neoplasms	2100-2199
Endocrine, Nutritional, Metabolic, and Immunity Diseases	2200-2249
Diseases of the Blood and Blood-forming Organs	2250-2299
Mental Disorders	2300-2349
Diseases of the Nervous System	2350-2399
Diseases of the Eye	2400-2449
Diseases of the Ear	2450-2499
Diseases of the Circulatory System	2500-2599
Diseases of the Respiratory System	2600-2649
Diseases of the Digestive System	2650-2699
Diseases of the Genitourinary System	2700-2799
Diseases of the Skin and Subcutaneous Tissue	2800-2899
Diseases of the Musculoskeletal System and Connective Tissue	2900-2949
Congenital Anomalies	2950-2979
Perinatal Morbidity and Mortality Conditions	2980-2999
<b>DIAGNOSTIC, SCREENING AND PREVENTIVE MODULE</b>	
General Examinations	3100-3199
Special Examinations	3200-3299
Diagnostic Tests	3300-3399
Other Screening and Preventive Procedures	3400-3499
Family Planning	3500-3599
<b>TREATMENT MODULE</b>	
Medications	4100-4199
Preoperative and Postoperative Care	4200-4299
Specific Types of Therapy	4400-4499
Specific Therapeutic Procedures	4500-4599

**TREATMENT MODULE (cont.)**

Medical Counseling	4600-4699
Social Problem Counseling	4700-4799
Progress Visit, NEC	4800-4899

**INJURIES AND ADVERSE EFFECTS MODULE**

Injury by Type and/or Location	5001-5799
Causes of Injury and Other Health Status	5800-5899
Poisoning and Adverse Effects	5900-5925
Complications of Surgical or Medical Procedures and Treatments	5930
SIRS and Severe Sepsis	5935

<b>TEST RESULTS MODULE</b>	6100-6700
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<b>ADMINISTRATIVE MODULE</b>	7100-7140
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<b>UNCODABLE ENTRIES</b>	8990-8999
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NOTE: NOS = Not otherwise specified; NEC = not elsewhere classified

**B. REASON FOR VISIT CLASSIFICATION TABULAR LISTING****GENERAL SYMPTOMS (1001-1099)****SYMPTOM MODULE****GENERAL SYMPTOMS (1001-1099)**

1005.0 Chills

1010.0 Fever

Includes:

High temperature

1012.0 Other symptoms of body temperature

Excludes:

Chills (1005.0)  
Fever (1010.0)1012.1 Feeling cold  
1012.2 Feeling hot  
1012.3 Feeling hot and cold

1015.0 Tiredness, exhaustion

Includes:

Exercise intolerance  
Fatigue  
Lack of energy  
No energy  
Run down  
Worn out

1020.0 General weakness

1025.0 General ill feeling

Includes:

Diffuse complaint  
Feeling bad all over  
Illness, NOS  
Malaise  
Not feeling well  
Multiple complaints  
Sick, NOS

Excludes:

General symptoms of infants (10800)

1030.0 Fainting (syncope)

Includes:

Blacking out  
Fainting spells  
Passing out

Excludes:

Unconsciousness (5840.0)

**1035.0 Symptoms of fluid abnormalities**

Includes:

Dehydration (added in 2019)  
Fluid imbalance  
Fluid retention  
Holding water

**1035.1 Edema**

Includes:

Ankles swelling (both)  
Bloated  
Dropsy  
Legs (both)  
Peripheral swelling  
Swollen with water

Excludes:

Swelling of one ankle (1930.5)  
Swelling of one leg (1920.5)

**1035.2 Excessive sweating, perspiration**

Includes:

Cold sweats  
Diaphoresis

**1035.3 Excessive thirst****1040.0 Weight gain**

Includes:

Fat pads localized  
Fatty deposits  
Obesity  
Overweight  
Too fat

Excludes:

Counseling for weight problems (4600.0)

**1045.0 Weight loss****1045.1 Recent weight loss****1045.2 Underweight**

1046.0 Symptoms of face, NEC

Includes:

Mass

Excludes:

Facial pain 1055.4

Facial paralysis 1230.0

1050.0 Chest pain and related symptoms (not referable to a specific body system)

1050.1 Chest pain, Soreness

Excludes:

Heart pain (1265.0)

1050.2 Chest discomfort, pressure, tightness, heaviness

Includes:

C - pressure

1050.3 Burning sensation in the chest

1055.0 Pain, specified site not referable to a specific body system

Includes:

Buttock pain

Gluteal pain

Perineal pain

Radiating pain (added in 2019)

Excludes:

Abdominal pain (see 1545.1-1545.3)

Chest pain (1050.1)

Phantom leg/limb (2370.0)

1055.1 Rib pain

Sternal (sternum) pain (added in 2019)

1055.2 Side pain, flank pain

Excludes: abdominal pain (with laterality indicated) 1545.1

1055.3 Groin pain

Includes:

Pubic pain

1055.4 Facial pain

Includes:

Jaw pain

Pain over eye

1060.0 Pain and related symptoms, NEC

1060.1 Pain, unspecified

Includes:

Ache all over (generalized)  
Incisions (postop code 42050 also)

1060.2 Cramps, spasms, site unspecified

Excludes:

Menstrual cramps (1745.2)

1060.3 Stiffness, site unspecified

1065.0 Tumor or mass, site unspecified

1065.1 Internal mass, NOS

1066.0 Lesion, internal NOS (excludes brain and skin)

1070.0 Bleeding, multiple or unspecified sites

1075.0 Symptoms of growth and developmental disorders

Includes:

Developmental regression

1075.1 Lack of growth

Includes:

Failure to thrive  
Immaturity, physical  
Poor weight gain  
Slowness, physical  
Too short

1075.2 Excessive growth

Includes:

Development, early (physical)  
Too big for age  
Too tall

1080.0 General symptoms of infants (under 1 year of age), NEC

Excludes

General ill feeling (10250)

1080.1 Cranky, crying too much, fussy, fidgety, irritable

1080.2 Regurgitation, spitting up

Excludes:

Vomiting (1530.0)

1080.3 Feeding problem, eating difficulty

1085.0 General or unspecified nonviral infection - Code also symptoms of specified joint (hip, shoulder, etc).

Includes:

Infection, NOS

1090.0 Allergy, NOS

Includes:

Angioedema

Allergic reaction, NOS

Food allergy, NOS

Milk allergy, NOS

Excludes:

Allergic skin reaction (2825.0)

Allergy to medications (5905.0)

Nasal allergy (2635.0)

1095.0 Disorders of motor functions

Includes:

Ataxia

Clumsiness

Difficulty in walking

Dyskinesia

Fall, NOS

Limping

Staggering

Stumbling

Uncoordinated

Unsteady gait

1096.0 Dyslexia, NOS

**SYMPTOMS REFERABLE TO PSYCHOLOGICAL AND MENTAL DISORDERS (1100-1199)**

## 1100.0 Anxiety and nervousness

Includes:  
Apprehension  
Anxiety Disorder  
Bad nerves  
Jittery  
Panicky feeling  
Post-traumatic stress (disorder) (PTS(D))  
Stress  
Tension  
Worried

## 1105.0 Fears and phobias

Includes:  
General fearfulness  
Agoraphobia

## 1110.0 Depression

Includes:  
Crying excessively  
Dejected  
Distress (NOS)  
Feeling down  
Feeling low  
Grief  
Hopelessness  
Sadness  
Tension (Note: "Tension headache", previously included here was assigned to a new code, 1210.1, as of 2019)  
Unhappy

## 1115.0 Anger

Includes:  
Bitterness  
Hostile feelings

Excludes:  
Temper problems (1130.4)

**1120.0 Problems with identity and self-esteem**

Includes:  
Co-dependency  
Dependency  
Don't like myself  
Guilt  
Helpless  
Identity crisis  
Insecurity, emotional  
Lack of motivation  
Loss of identity  
No confidence  
No goals  
Poor boundaries  
Self derogation  
Too much is expected of me

**1123.0 Transgender****1125.0 Restlessness**

Includes:  
Can't rest  
Hyperactivity  
Over activity

## 1130.0 Behavioral disturbances

Includes:

Agitated  
Behavior problem  
Gambling problem  
Lack of self control  
Out of control

### 1130.1 Antisocial behavior

Includes:

Avoiding people  
Excessive shyness  
Lying  
Social isolation  
Withdrawal

### 1130.2 Hostile behavior

Includes:

Aggressiveness  
Child abuser  
Child neglecter  
Combative  
Criminality  
Cruelty  
Destructiveness  
Elder abuser  
Homicidal  
Negativism  
Parent abuser  
Quarrelsome  
Spouse abuser  
Wife batterer

### 1130.3 Hysterical behavior

### 1130.4 Temper problems

Includes:

Blowing up  
Fussy  
Irritability  
Losing temper  
Temper tantrums

Excludes:

Fussy infants (1080.1)

### 1130.5 Obsessions, compulsion and impulsive

**1135.0 Disturbances of sleep**

Includes:  
Night terrors

**1135.1 Insomnia**

Includes:  
Can't sleep (initiating or maintaining)  
Sleeplessness  
Trouble falling asleep

**1135.2 Sleepiness (hypersomnia)**

Includes:  
Can't stay awake  
Drowsiness  
Groggy

**1135.3 Nightmares****1135.4 Sleepwalking****1135.5 Apnea**

Includes:  
Sleep apnea (Use additional code (1420.0) if breathing problem)

**1140.0 Smoking problems**

Includes:  
Can't quit smoking  
Smoking too much

Excludes:  
Physical symptoms of smoking (see particular symptom)  
Smoker's cough (1440.0)

**1145.0 Alcohol-related problems**

Includes:  
Alcohol abuse  
Alcoholic liver disease (Code 11450 and 26700)  
Drinking problem

Excludes:  
Adverse effects of alcohol (5915.0)  
Alcoholism (2320.0)

**1150.0 Abnormal drug usage**

Includes:

Drug abuse

Drug seeking

Frequent or excessive use of stimulants, hallucinogens, depressants, etc.

Excludes:

Drug addiction (2321.0)

Drug dependence (2321.0)

Intoxication with drugs (5910.0)

Overdose, intentional (5820.1)

Overdose, unintentional, NOS (5910.0)

**1150.1 Substance abuse, no additional details****1155.0 Delusions or hallucinations**

Includes:

Flashback

Grandiosity

Hearing voices

Ideas of reference

Medicine is poisoned

Seeing things

**1160.0 Psychosexual disorders****1160.1 Frigidity, loss of sex drive, lack of response, lack of libido****1160.2 Homosexuality, concerns with****1160.3 Impotence, Erectile dysfunction****1160.4 Premature ejaculation****1160.5 Masturbation excessive, concerns about****1160.6 Orgasm, problem with****1160.7 Preoccupation with sex**

**1165.0 Other symptoms or problems relating to psychological and mental disorders, NEC**

Includes:

Bad attitude  
Blunted affect  
Can't cope  
Change in mental status  
Chemical imbalance  
Constricted affect  
Danger to self  
Deja vu feelings  
Disoriented  
Difficulty concentrating  
Feeling heavy  
Frantic  
Frustration  
Going crazy  
Guarded  
Hate everybody  
Inhibited  
Learning disability  
Losing my mind  
Mood fluctuation  
Mood swings  
Noncommunicative  
Overwhelmed  
Peculiar thinking  
Psychological problems, NOS  
Racing thoughts  
Reserved  
Rumination  
Sundown Syndrome  
Trouble concentrating  
Upset  
Wandering around

Excludes:

Character disorder (2315.0)  
Personality disorder (2315.0)

1165.1 Nail biting

1165.2 Thumb sucking

**SYMPTOMS REFERABLE TO THE NERVOUS SYSTEM (EXCLUDING SENSE ORGANS) (1200 - 1259)**

1200.0 Abnormal involuntary movements

Includes:

Jerking  
Shaking  
Tics  
Tremors  
Twitch

Excludes:

Eye movements (see 1325.0-1325.4)  
Eyelid twitch (1340.4)

1205.0 Convulsions

Includes:

Febrile convulsions (Code fever also)  
Fits  
Seizures  
Seizure Disorders  
 Spells

Excludes:

Fainting (1030.0)

1207.0 Symptoms of head, NEC

Excludes:

Headache, pain in head (1210.0)

1210.0 Headache, pain in head

Includes:

Post-traumatic (also code 5575.0)

Excludes:

Migraine (2365.0)  
Sinus headache (1410.1)  
Symptoms of head, NEC (1207.0)

1210.1 Tension headache

1215.0 Memory, disturbances of

Includes:

Amnesia  
Forgetfulness  
Lack or loss of memory  
Temporary loss of memory

**1220.0 Disturbances of sensation****1220.1 Loss of feeling (anesthesia)**

Includes:

Lack of Sensation  
No response to pain  
Numbness  
Stunned

Excludes:

Post-op complications of anesthesia

Note: Use additional code to identify the body part. Sequence in the order written.

**1220.2 Increased sensation (hyperesthesia)****1220.3 Abnormal sensation (paresthesia)**

Includes:

Burning legs  
Burning, tingling sensation  
Needles and pins  
Prickly feeling  
Stinging

**1220.4 Other disturbances of sense, including smell and taste****1225.0 Vertigo - dizziness**

Includes:

Falling sensation  
Giddiness (dizziness)  
Lightheadedness  
Loss of sense of equilibrium or balance  
Room spinning

**1230.0 Weakness (neurological)**

Includes:

Drooping, facial or NOS  
Right- or left-sided weakness

Excludes:

General weakness (1020.0)

1235.0 Disorders of speech, speech disturbance

Includes:

Groping for words  
Speech/verbal apraxia  
Unable to speak

1235.1 Stuttering, stammering

1235.2 Slurring

1240.0 Other symptoms referable to the nervous system

Includes:

Brain lesion  
Confusion  
Cognitive decline  
Damaged nerves  
Neuralgia  
Neurovegetative  
Pinched nerve  
Postictal

Excludes:

Nerve block 4560.0

1240.1 Apraxia

Excludes:

Speech/verbal apraxia 1235.0

**SYMPTOMS REFERABLE TO THE CARDIOVASCULAR AND LYMPHATIC SYSTEMS (1260-1299)**

1260.0 Abnormal pulsations and palpitations

    1260.1 Increased heartbeat

        Includes:  
        Pulse too fast  
        Rapid heartbeat

    1260.2 Decreased heartbeat

        Includes:  
        Pulse too slow  
        Slow heart

    1260.3 Irregular heartbeat

        Includes:  
        Fluttering  
        Jumping  
        Racing  
        Skipped beat

1265.0 Heart pain

    Includes:  
    Anginal pain  
    Heart distress  
    Pain over heart

    Excludes:  
    Angina pectoris (2515.0)  
    Chest pain (1050.1)

1270.0 Other symptoms of the heart

    Includes:  
    Bad heart  
    Heart condition  
    Poor heart  
    Weak heart

1275.0 Symptoms of lymph glands (or nodes)

    1275.1 Swollen or enlarged glands

    1275.2 Sore glands

1280.0 Other symptoms referable to the cardiovascular/lymphatic system, NEC (Blocked blood vessel, spider vein)

Includes:

Gangrene (added 2019)  
Telangiectasia

1280.1 Poor circulation

Includes:

Cold feet, hands

1280.2 Pallor, paleness

1280.3 Flushed, blushing

## **SYMPTOMS REFERABLE TO THE EYES AND EARS (1300-1399)**

1305.0 Vision dysfunctions

Includes:

Photosensitivity (added in 2019)

Excludes:

Refractive errors (2405.0)

1305.1 Blindness and half vision

Includes:

Visual field deficit

1305.2 Diminished vision

Includes:

Blurred vision  
Can't see distances  
Difficulty reading  
Focus, eyes won't (other than an infant)  
Obstruction, vision  
Poor vision  
Scotoma  
Trouble seeing  
Weak eyes

1305.3 Extraneous vision

Includes:

Cloudy vision  
Fuzzy vision  
Spots in front of eyes (floaters)

1305.4 Double vision (diplopia)

1310.0 Discharge from eye

    1310.1 Bleeding

    1310.2 Tearing, watering (lacrimation)

    1310.3 Pus, matter, white discharge, matted

1315.0 Eye infection and inflammation

    1315.1 Pinkeye

1320.0 Abnormal sensations of the eye

Includes:

Foreign body sensation

Tired eyes

    1320.1 Pain

        Includes:

        Irritation

    1320.2 Itching

    1320.3 Burning, stinging

    1320.4 Strain

1325.0 Abnormal eye movements

    1325.1 Abnormal retraction

    1325.2 Cross-eyed

    1325.3 Pupils unequal

    1325.4 Deviation

        Includes:

        Drifting

        Lazy eye

        Turns in

1330.0 Abnormal appearance of eyes

1330.1 Abnormal color

Includes:

Bloodshot

Red

Excludes:

Yellow (1610.2)

1330.2 Protrusion (exophthalmos)

1330.3 Cloudy, dull, hazy appearance , cloudy capsule

1335.0 Other and unspecified symptoms referable to the eye, NEC

Includes:

Defect, NOS

Eyes not focusing ,infant

1335.1 Contact lens problems

1335.2 Allergy

1335.3 Swelling

Excludes:

Foreign body (5600.0)

Injury (5510.0)

Abrasions (5410.0)

**1340.0 Symptoms of eyelids**

Includes:

Can't close eye  
Lesion  
Rash

1340.1 Infection, inflammation, swelling

1340.2 Itching

1340.3 Mass or growth

1340.4 Abnormal movement

Includes:

Blinking  
Drooping  
Squinting  
Twitching

**1345.0 Hearing dysfunctions**

1345.1 Diminished hearing

Includes:

Deafness  
Hearing loss  
Trouble hearing

1345.2 Heightened or acute hearing

1345.3 Extraneous hearing

Includes:

Ringing (tinnitus)

Excludes:

Hearing things (1155.0)

**1350.0 Discharge from ear**

Includes:

Drainage from ear (added in 2019)  
Fluid in ear

1350.1 Bleeding

1350.2 Pus (purulent drainage), Otorrhea

1350.3 Swimmer's ear

1355.0 Earache, or ear infection

    1355.1 Earache, pain

    1355.2 Ear infection

1360.0 Plugged feeling in ear

Includes:

Blocked  
Congestion in ear  
Cracking  
Ear feels full  
Ears need cleaning  
Ear wax  
Popping

1365.0 Other and unspecified symptoms referable to the ears, NEC

Includes:

Ear problem  
Eustachian tube dysfunction  
Pressure  
Red, redness

    1365.1 Itching

    1365.2 Growths or mass

    1365.3 Pulling at ears, picking at ears

    1365.4 Abnormal size or shape, "ears stick out"

Excludes:

Foreign body in ear (5620.0)

#### **SYMPTOMS REFERABLE TO THE RESPIRATORY SYSTEM (1400-1499)**

1400.0 Nasal congestion

Includes:

Drippy nose  
Excess mucus  
Nasal discharge (added in 2019)  
Nasal obstruction  
Post-nasal drip  
Runny nose  
Sniffles  
Stuffy nose

**1405.0 Other symptoms of nose**

Excludes:

Nasal allergy (2635.0)

**1405.1 Nosebleed (epistaxis)****1405.2 Sore in nose****1405.3 Inflammation and swelling**

Includes:

Infection

Red nose

Sore nose

**1405.4 Problem with appearance of nose**

Includes:

Bump(s)

Too large

Undesirable appearance

**1410.0 Sinus problems**

Includes:

Sinus cyst

Sinus drainage

**1410.1 Pain and pressure**

Includes:

Sinus headache

**1410.2 Sinus inflammation, infection****1410.3 Sinus congestion****1415.0 Shortness of breath**

Includes:

Breathlessness

Gasping for breath (added in 2019)

Out of breath

Sensation of suffocation

1420.0 Labored or difficult breathing (dyspnea)

Includes:

Anoxia  
Breathing stopped  
Can't breathe  
Can't catch breath  
Heavy breathing  
Hypoxia  
Respiratory distress  
Smothering  
Trouble breathing

1425.0 Wheezing

Includes:

Sighing respiration

1430.0 Breathing problems, NEC

Includes:

Hurts to breathe  
Respiratory rhythm disorders (added in 2019)

1430.1 Disorders of respiratory sound, NEC

Includes:

Abnormal breathing sounds  
Snoring  
Rales  
Rattles  
Stridor

1430.2 Rapid breathing (hyperventilation)

1435.0 Sneezing

1440.0 Cough

Includes:

Congested  
Croupy cough  
Smoker's cough

1445.0 Head cold, upper respiratory infection (coryza)

Includes:  
Cold, NOS

Excludes:  
Chest cold (1475.0)

1450.0 General viral infection

1450.1 Flu

Includes:  
Grip  
Influenza

Excludes:  
Croup (2600.0)

1455.0 Symptoms referable to throat, raw throat

1455.1 Soreness

Includes:  
Throat hurts

1455.2 Pain (burning, throat on fire)

1455.3 Infection

Includes:  
Throat virus

Excludes:  
Strep throat (2010.0)

1455.4 Irritation, scratch, tickle, itch

1455.5 Swelling

1455.6 Lump or mass

Includes:  
Sensation of something in throat

Excludes:  
Foreign body in throat (5615.0)

1460.0 Symptoms referable to tonsils

Includes:

Hypertrophy

Infection

Inflammation

1470.0 Abnormalities of sputum or phlegm

1470.1 Coughing up blood

Includes:

Hemoptysis

1470.2 Pus in sputum

Includes:

Purulent sputum (added in 2019)

1470.3 Excessive sputum

Includes:

Productive

1475.0 Congestion in chest

Includes:

Lung congestion

Chest cold

1480.0 Disorders of voice

1480.1 Hoarseness, loss of voice

Includes:

Croaky

1480.2 Hypernasality

1485.0 Other symptoms referable to the respiratory system, NEC

Includes:

Drainage in throat

1485.1 Lung pain

1485.2 Lung infection

**SYMPTOMS REFERABLE TO THE DIGESTIVE SYSTEM (1500-1639)**

1500.0 Symptoms of teeth and gums

Includes:

Loose tooth (no injury)  
Teething, one-year-old and over  
Tooth infection

1500.1 Toothache

1500.2 Gum pain

1500.3 Bleeding gums

1501.0 Symptoms of the jaw, NOS

Includes:

Jaw problem, unspecified

1501.1 Swelling

1501.2 Lump or mass

1505.0 Symptoms referable to lips

Includes:

Sore on lip

1505.1 Cracked, bleeding, dry, chapped

1505.2 Abnormal color

1505.3 Cold sore

1510.0 Symptoms referable to mouth

Includes:

Blister in mouth  
Drooling (added in 2019)  
Foaming at the mouth  
Infection of mouth  
Saliva too thick  
White spots

1510.1 Pain, burning, soreness

1510.2 Bleeding

1510.3 Dryness

1510.4 Ulcer, sore

**1515.0 Symptoms referable to tongue**

Includes:

Ulcer on tongue  
Sore on tongue

**1515.1 Pain****1515.2 Bleeding****1515.3 Inflammation, infection, swelling****1515.4 Abnormal appearance, color, ridges, coated****1520.0 Difficulty in swallowing (dysphagia)**

Includes:

Choking  
Inability to swallow

**1525.0 Nausea**

Includes:

Feel like throwing up  
Nervous stomach  
Sick to stomach  
Upset stomach

**1530.0 Vomiting**

Includes:

Can't keep food down  
Dry heaves  
Gagging  
Retching  
Throwing up

Excludes:

Regurgitation, infants (1080.2)  
Vomiting blood (1580.2)

**1535.0 Heartburn and indigestion (dyspepsia)**

Includes:

Acid in stomach  
Excessive belching

**1540.0 Gastrointestinal infection**

Includes:

Intestinal virus  
Stomach flu  
Stomach virus  
Viral gastroenteritis

**1545.0 Stomach and abdominal pain, cramps and spasms**

Includes:

Gastric pain

Excludes:

Groin pain (1055.3)

**1545.1 Abdominal pain, cramps, spasms, NOS**

Includes:

Abdominal discomfort, NOS  
Gas pains  
Intestinal colic

**1545.2 Lower abdominal pain, cramps, spasms,**

Includes:

Right lower quadrant (RLQ) pain  
Left lower quadrant (LLQ) pain  
Inguinal pain

**1545.3 Upper abdominal pain, cramps, spasms**

Includes:

Epigastric pain  
Left upper quadrant (LUQ) pain  
Pain in umbilical region  
Right upper quadrant (RUQ) pain

1565.0 Change in abdominal size (stomach size)

Includes:  
Ascites (added in 2019)

1565.1 Distention, fullness, NOS

Includes:  
Abdominal bloating  
Stomach fullness

1565.2 Mass or tumor

Includes:  
Mass in groin  
Mass, inguinal

1565.3 Abdominal swelling, NOS

1570.0 Appetite, abnormal

1570.1 Excessive appetite

Includes:  
Eats too much  
Always hungry

1570.2 Decreased appetite

Includes:  
Anorexia (added in 2019)  
Decreased fluid intake  
Loss of appetite  
Not eating  
Not hungry

1575.0 Difficulty eating

Excludes:  
Feeding problem, difficulty eating (less than one year) (1080.3)

1580.0 Gastrointestinal bleeding

Includes:  
Bowel

1580.1 Blood in stool (melena)

1580.2 Vomiting blood (hematemesis)

1585.0 Flatulence

Includes:  
Bloated, gas  
Distention due to gas  
Excessive gas  
Gas

Excludes:  
Gas pains (1545.1)

1590.0 Constipation

1595.0 Diarrhea

Includes:  
Loose stools  
The runs

1600.0 Other symptoms or changes in bowel function

Includes:

Painful defecation (added in 2019)

1600.1 Discharge in stools

Includes:

Guaiac positive  
Hemoccult positive  
Mucus  
Pus

1600.2 Worms

1600.3 Changes in size, color, shape, or odor

Includes:

Bulky stools  
Too narrow  
Unusual odor or color

1600.4 Incontinence of stool

Includes:

Dirty pants (encopresis)  
Leaking stools

1605.0 Symptoms referable to anus-rectum

1605.1 Pain

Includes:

Burning  
Irritation

1605.2 Bleeding

1605.3 Swelling or mass

1605.4 Itching

1610.0 Symptoms of liver, gallbladder, and biliary tract

1610.1 Pain

1610.2 Jaundice

Includes:

Yellow eyes  
Yellow skin

1615.0 Other and unspecified symptoms referable to digestive system

Includes:

Abdominal pressure  
Bad breath  
Epigastric distress  
Gastrointestinal distress  
Halitosis  
Hiccoughs  
Regurgitation (adult)  
Sour taste in mouth  
Stomach problem  
Stomach trouble

**SYMPTOMS REFERABLE TO THE GENITOURINARY SYSTEM (1640-1829)**

1640.0 Abnormalities of urine

Excludes:

Abnormal findings of urine tests (6200.0)

1640.1 Blood in urine (hematuria)

1640.2 Pus in urine

1640.3 Unusual color or odor

1645.0 Frequency and urgency of urination

1645.1 Excessive urination, night (nocturia)

1650.0 Painful urination

Includes:

Burning, discomfort

1655.0 Incontinence of urine (enuresis)

1655.1 Involuntary urination, can't hold urine, dribbling, wetting pants

1655.2 Bedwetting

**1660.0 Other urinary dysfunctions**

Includes:

Trouble going

Urinary pressure

Weak Stream

**1660.1 Retention of urine**

Includes:

Can't urinate

**1660.2 Hesitancy**

Includes:

Difficulty in starting stream

**1660.3 Large volume**

Includes:

Polyuria

**1660.4 Small volume****1665.0 Symptoms of bladder**

Includes:

Bladder distention (added in 2019)

Bladder trouble

**1665.1 Pain****1665.2 Infection****1665.3 Mass****1670.0 Symptoms of the kidneys**

Includes:

Kidney trouble

**1670.1 Pain****1670.2 Infection****1670.3 Mass****1675.0 Urinary tract infection, NOS**

Includes:

Genitourinary infection

Urine infection

1680.0 Other symptoms referable to urinary tract

Includes:

Passed stones  
Urethral bleeding  
Urinary irritation

Excludes:

Kidney stones or bladder stones (2705.0)

1700.0 Symptoms of penis

1700.1 Pain, aching, soreness, tenderness, painful erection

1700.2 Infection, inflammation, swelling

1700.3 Lumps, bumps, growths, warts

1705.0 Penile discharge

1710.0 Symptoms of prostate

Includes:

Prostate trouble

1710.1 Swelling

1710.2 Infection

1715.0 Symptoms of the scrotum and testes

1715.1 Pain, aching, tenderness

1715.2 Swelling, inflammation

1715.3 Growths, warts, lumps, bumps

1715.4 Itching, jock itch

1720.0 Other symptoms of male reproductive system

Includes:

Blood in semen  
Early/delayed sexual development, males  
Painful ejaculation

Excludes:

Psychosexual problems (1160.0-1160.6)

1730.0 Absence of menstruation (amenorrhea)

Excludes:

Suspected pregnancy (3200.0)  
Missed a period (3200.0)  
Period late (3200.0)

1735.0 Irregularity of menstrual interval

1735.1 Frequent

1735.2 Infrequent

1735.3 Unpredictable

1740.0 Irregularity of menstrual flow

1740.1 Excessively heavy (menorrhagia)

1740.2 Scanty flow (oligomenorrhea)

1740.3 Abnormal material, including clots

1745.0 Menstrual symptoms, other and unspecified

Includes:

Early/delayed menarche (added in 2019)  
Long periods

1745.1 Premenstrual symptoms, PMS

Includes:

Bloating before periods  
Premenstrual tension or irritability

1745.2 Painful menstruation (dysmenorrhea)

Includes:

Menstrual cramps  
Pain in legs and back during menstruation

1750.0 Menopausal symptoms

1750.1 Early or late onset of menopause

1750.2 Vasomotor symptoms-hot flashes

1750.3 Emotional symptoms, change of life problems

1755.0 Uterine and vaginal bleeding

Excludes:

Bleeding during pregnancy (1790.2)

1755.1 Intermenstrual bleeding (metrorrhagia)

Includes:

Bleeding between periods  
Breakthrough bleeding

1755.2 Postmenopausal bleeding

1755.3 Postcoital bleeding, female

1760.0 Vaginal discharge

Includes:

Bloody, brown, white (leukorrhea), excessive

1765.0 Other vaginal symptoms

1765.1 Pain

1765.2 Infection

1765.3 Itching, burning

1765.4 Vaginal dryness

1770.0 Vulvar disorders

1770.1 Itching and irritation, swelling

1770.2 Mass, lump

1770.3 Growth, wart, cyst, ulcer, sore

1775.0 Pelvic symptoms

1775.1 Pain

Includes:

Ovulation pain

1775.2 Pressure or dropping sensation

Includes:

Feeling of uterus falling out

1775.3 Infection, inflammation

**1790.0 Problems and other conditions related to pregnancy**

**Excludes:**

Routine prenatal visits (3205.0)

**1790.1 Pain during pregnancy**

(Pain directly associated with or due to the pregnancy.

(Code also the type of pain, such as abdominal pain, back pain, chest pain, pelvic pain)

**Excludes:**

Pain not pregnancy related, such as due to an injury that does not impact the pregnancy

**1790.2 Spotting, bleeding during pregnancy****1790.3 Symptoms of onset of labor**

**Includes:**

All associated symptoms (added in 2019)

Water broke

Ruptured membranes

Labor pain, contractions

Labor, NOS

**1791.0 Postpartum problems**

**Includes:**

Bleeding

Pain

**Excludes:**

Postpartum examination, routine (3215.0)

**1795.0 Other symptoms referable to the female reproductive system**

**Includes:**

Early/delayed sexual development, female

Frequent miscarriage

**1800.0 Pain or soreness of breast**

**Includes:**

Tenderness

1805.0 Lump or mass of breast

Includes:  
Bump  
Knot  
Nodule  
Cyst

1810.0 Other symptoms referable to breast

1810.1 Bleeding or discharge from nipple or breast

1810.2 Postpartum problems

Includes:  
Engorgement  
Postpartum infection  
Nursing difficulties

1810.3 Problems with shape or size

Includes:  
Too large  
Too small  
Sagging  
Uneven development

1815.0 Symptoms of infertility

Includes:  
Can't get pregnant  
Inability to conceive  
Sterility

1820.0 Hormone deficiency or problem

1825.0 Symptoms of sexual dysfunction

Includes:  
Coital pain (added in 2019)  
Dyspareunia  
Painful intercourse

Excludes:  
Psychological disorders (see 1160.0-1160.6)

**SYMPTOMS REFERABLE TO THE SKIN, NAILS, AND HAIR (1830-1899)**

1830.0 Acne or pimples

Includes:

Acne cyst (added in 2019)  
Bad complexion  
Blackheads  
Blemishes  
Breaking out  
Complexion, NOS  
Whiteheads

1835.0 Discoloration or abnormal pigmentation

Includes:

Birthmark  
Blotches  
Circles under eyes  
Freckles  
Redness  
Spots

Excludes:

Blushing (1280.3)  
Bruise (see 5405.0-5430.0)  
Flushing (1280.3)  
Jaundice (1610.2)

1840.0 Infections of skin, NOS

Includes:

Draining wound  
Infected blister  
Infected wound

Excludes:

Athlete's foot (2025.0)  
Wound drainage (as treatment)

1840.1 Infection of skin of head or neck area

1840.2 Infection of skin of arm, hand, or finger

1840.3 Infection of skin of leg, foot, or toe

1845.0 Symptoms of skin moles

Includes:

Skin mole, NOS

1845.1 Change in size or color

1845.2 Bleeding mole

1850.0 Warts, NOS

Includes:

Condyloma

Condyloma acuminatum

Excludes:

Plantar's warts (2015.0)

1855.0 Other growths of skin

Includes:

Callus

Corns

Cysts, NOS

Cyst, scalp

Skin growth, NOS

Skin tag

1860.0 Skin rash

Includes:

Rash

Skin eruption

Excludes:

Poison ivy (2825.0)

Poison oak (2825.0)

1860.1 Diaper rash

1865.0 Skin lesion, NOS

Includes:

Blister

Face

Papule

Pustule

Raw area

Sore

Ulcer

1870.0 Skin irritations, NEC

- 1870.1 Pain
- 1870.2 Itching

1875.0 Swelling of skin

Includes:  
Bumps, lumps  
Nodules  
Welts, except hives (2825.0)  
Tumor, skin

1880.0 Other symptoms referable to skin

Excludes:  
Navel problems (1895.0)

- 1880.1 Oiliness
- 1880.2 Dryness, peeling, scaliness, roughness
- 1880.3 Wrinkles

1885.0 Symptoms referable to nails

- 1885.1 Infected
- 1885.2 Ingrown
- 1885.3 Brittle, breaking, splitting, cracked, ridged

1890.0 Symptoms referable to hair and scalp

Includes:  
Scalp lesion

- 1890.1 Too little hair

Includes:  
Alopecia  
Baldness  
Falling out  
Losing hair

- 1890.2 Unwanted hair

Includes:  
Abnormal hairiness  
Hirsutism  
Superfluous hair

- 1890.3 Dryness, flaky scalp, dry scalp

- 1890.4 Itching

1895.0 Navel problems

Includes:  
Umbilicus not healing  
Protrusion

#### **SYMPTOMS REFERABLE TO THE MUSCULOSKELETAL SYSTEM (1900-1999)**

These codes exclude all injuries (See Injuries and Adverse Effects Module.)

The following fifth digits should be used with categories 1900-1970 in place of the zero when there is adequate information given:

- .1 pain, ache, soreness, discomfort
- .2 cramps, contractures, spasms
- .3 limitation of movement, stiffness, tightness
- .4 weakness
- .5 swelling (e.g., one leg/one ankle; if both legs/ankles code to 10351
- .6 lump, mass, tumor

1900.0 Neck symptoms

1905.0 Back symptoms

1910.0 Low back symptoms

1915.0 Hip symptoms

1920.0 Leg symptoms

1925.0 Knee symptoms

1930.0 Ankle symptoms

1935.0 Foot and toe symptoms

1940.0 Shoulder symptoms

1945.0 Arm symptoms

1950.0 Elbow symptoms

1955.0 Wrist symptoms

1960.0 Hand and finger symptoms  
Includes ring stuck on finger

1965.0 Symptoms of unspecified muscles

1970.0 Symptoms of unspecified joints

**1975.0 Musculoskeletal deformities**

Includes:

Crooked back  
Hammer toe  
Mallet finger (added in 2019)

Excludes:

Clubfoot (2960.0)  
Curvature of spine (2910.0)

**1975.1 Bowlegged, knock-kneed****1975.2 Posture problems****1975.3 Pigeon-toed, feet turn in****1980.0 Other musculoskeletal symptoms**

Includes:

Bone pain  
Stump pain

**DISEASE MODULE****INFECTIVE AND PARASITIC DISEASES (2001-2099)****2005.0 Intestinal infectious diseases**

Includes:

Cholera  
Dysentery  
Enteritis  
Gastroenteritis  
Giardia  
Salmonella

**2010.0 Streptococcal infection**

Includes:

Streptococcal tonsillitis  
Scarlet fever

**2015.0 Viral diseases**

Includes:  
Chickenpox  
Genital warts  
German measles (rubella)  
Hepatitis (infectious and NOS)  
Herpes simplex  
Human Papillomavirus (HPV)  
Infectious mononucleosis  
Measles  
Meningitis, viral  
Mumps  
Plantar's warts  
Polioomyelitis  
PPS  
Rabies  
Respiratory syncytial virus (RSV)  
Shingles (Herpes zoster)  
Smallpox  
Venereal warts  
Verruca

**2015.1 Human immunodeficiency virus (HIV) with or without associated conditions**

Includes:  
Acquired immunodeficiency syndrome  
AIDS  
AIDS-like syndrome  
AIDS-related complex  
ARC  
HIV positive

Excludes:  
Results, follow-up of test for HIV (6106.0)

**2015.2 Hemorrhagic fevers**

Includes:  
Botulism  
Ebola  
Fever, Hemorrhagic  
Marburg

**2016.0 Coronavirus infection, unspecified (added in 2020)**

Excludes:  
COVID-19 (2631.0)  
Pneumonia due to SARS-associated coronavirus (2630.1)

2017.0 SARS-associated coronavirus as the cause of diseases classified elsewhere (added in 2020)

Excludes:

Pneumonia due to SARS-associated coronavirus 2630.1

2017.1 Other coronavirus as the cause of diseases classified elsewhere (added in 2020)

2020.0 Sexually transmitted diseases

Includes:

Chlamydia

Gonorrhea

Syphilis

2025.0 Fungus infections (mycoses)

Includes:

Athlete's foot

Candidiasis monilia

Dermatophytoses

Moniliasis

Ringworm

Thrush

Tinea

Yeast infection

2030.0 Parasitic diseases

Includes:

Ascaris

Leeches

Lice

Maggots

Pinworm

Scabies

2031.0 Sepsis, septicemia

**2035.0 Other and unspecified infectious and parasitic diseases**

Includes:

Bacterial infection  
Behcet's syndrome  
Cattleman's disease  
E. Coli  
Lyme disease  
PCP (pneumocystis carinii)  
Plague  
Staphylococcal infections  
Trichomonas vaginitis  
Tuberculosis  
Tularemia

**NEOPLASMS (2100-2199)**

Malignant neoplasms:

**2100.0 Cancer, gastrointestinal tract**

Includes:

Colon  
Esophagus  
Liver  
Small intestine  
Stomach

**2105.0 Cancer, respiratory tract**

Includes:

Bronchus  
Larynx  
Lung  
Throat  
Trachea

**2110.0 Cancer, skin and subcutaneous tissues**

Includes:

Basal cell carcinoma  
Melanoma  
Squamous cell carcinoma

**2115.0 Cancer, breast**

2120.0 Cancer, female genital tract

Includes:

Cervix  
Endometrium  
Fallopian tube(s)  
Ovary(ies)  
Uterus  
Vagina  
Vulva

2125.0 Cancer, male genital tract

Includes:

Epididymitis  
Penis  
Prepuce (foreskin)  
Prostate  
Scrotum  
Spermatic Cord  
Testes

2126.0 Cancer of urinary tract

Includes:

Bladder  
Kidney  
Renal pelvis  
Ureter  
Urethra

2130.0 Other malignant neoplasms

Includes:

Bone cancer  
Metastatic carcinoma  
Brain tumor  
Carcinoma-in-situ, NOS

2135.0 Hodgkin's disease, lymphomas, leukemias

Includes:

Cancer of blood  
Lymphosarcoma  
Multiple myeloma  
Polycythemia vera

Benign and uncertain nature neoplasms:

2140.0 Fibroids and other benign uterine neoplasms

Includes:

Cervical/endometrial polyp  
Leiomyomata  
Myoma  
Nabothian cyst

2145.0 Other benign neoplasms

Includes:

Bartholin's cyst  
Dermoid cyst (ovary)  
Hemangioma  
Lipoma  
Nasal polyp  
Nevus  
Ovarian cyst  
Rectal polyp  
Vaginal inclusion  
Vocal cord

Excludes:

Cyst, NOS (1855.0)  
Epidermoid cyst (2825.0)  
Pilonidal cyst (2825.0)  
Sebaceous cyst (2825.0)

2150.0 Neoplasm of uncertain nature

Includes:

Myelodysplasia  
Plasmacytoma

Excludes:

Brain tumor (2130.0)

#### **ENDOCRINE, NUTRITIONAL, METABOLIC AND IMMUNITY DISEASES (2200-2249)**

2200.0 Diseases of the thyroid gland

Includes:

Goiter  
Hyperthyroidism  
Hypothyroidism  
Myxedema  
Thyroid nodule  
Thyrotoxicosis

2201.0 Diabetic skin ulcer (wound check)

2205.0 Diabetes mellitus

2210.0 Gout, hyperuricemia

2215.0 Other endocrine, nutritional, metabolic and immunity diseases

Includes:

Amyloidosis  
Barter's Syndrome  
Calcium deficiency  
Cystinosis  
Disorders of intestinal absorption  
Electrolyte imbalance  
Female hormone deficiency  
Hemochromatosis  
HL, elevated  
Hormone imbalance  
Hypercholesterolemia  
Hyperlipidemia  
Hypoglycemia  
Impaired immune system  
Iron deficiency  
Low blood sugar  
Malnutrition  
Ovarian dysfunction  
Poor nutrition  
Sugar reaction (If due to drug, code also 59050  
Wilson's syndrome

#### **DISEASES OF THE BLOOD AND BLOOD-FORMING ORGANS (2250-2299)**

2250.0 Anemia

Includes:

Anemia, NOS  
Iron deficiency anemia  
Pernicious anemia  
Sickle cell anemia

2255.0 Other diseases of blood and blood-forming organs

Includes:

Hemophilia  
HS Purpura  
Pancytopenia  
Thrombocytopenia  
von Willebrand's disease

**MENTAL DISORDERS (2300-2349)**

2300.0 Organic psychoses

Includes:

Alcoholic psychoses  
Delirium tremens (added in 2019)  
Drug withdrawal  
Organic brain syndromes  
Senile dementia

2305.0 Functional psychoses

Includes:

Autism  
Bipolar disease  
Depression, major  
Manic-depressive psychoses  
Paranoid reaction / states (modified in 2019)  
Psychosis, NOS  
Schizophrenia, all types

2310.0 Neuroses

Includes:

Anxiety reaction  
Depressive neurosis  
Depressive reaction  
Neurosis, NOS  
Obsessive compulsive neurosis

Excludes:

Anxiety (1100.0)  
Depression (1110.0)

2315.0 Personality and character disorders

2320.0 Alcoholism

Includes:

Alcohol dependence

Excludes:

Adverse effect of alcohol (5915.0)  
Alcohol abuse (1145.0)  
Alcohol-related problems (1145.0)

2321.0 Drug dependence

Includes:

Drug addiction  
Nicorette dependency

Excludes:

Abnormal drug usage (1150.0)  
Adverse effect of drug abuse (5910.0)  
Overdose, intentional (5820.1)

2325.0 Mental retardation

2330.0 Other and unspecified mental disorders

Includes:

Adolescent adjustment reaction  
Attention deficit hyperactivity disorder (ADHD)  
Bruxism  
Dyslexia, mental  
Eating disorder  
Grief reaction  
Sexual deviations  
Transient situational disturbances

2330.1 Attention deficit disorder (ADD)

**DISEASES OF THE NERVOUS SYSTEM (2350-2399)**

2350.0 Multiple sclerosis

2355.0 Parkinson's disease (paralysis agitans)

2360.0 Epilepsy

2365.0 Migraine headache

**2370.0 Other and unspecified diseases of the nervous system**

Includes:

Acute Lateral Sclerosis  
Alzheimer's disease  
Bell's palsy  
Carpal tunnel syndrome  
Cerebral palsy  
Demyelinating disease  
Guillain-Barre  
Meningitis  
Morton's neuroma  
Muscular dystrophy  
Myasthenia gravis  
Narcolepsy  
Neurofibromatosis  
Neuropathy  
Paralysis, NEC  
Phantom leg/limb pain  
Reflex sympathetic dystrophy  
Thoracic outlet syndrome  
Tourette's syndrome

**DISEASES OF THE EYE (2400-2449)****2400.0 Inflammatory diseases of the eye**

Includes:

Blepharitis  
Conjunctivitis  
Ophthalmia  
Iritis  
Keratitis (includes sicca)  
Sty  
Ulcer

Excludes:

Infection, NOS (1315.0)

**2405.0 Refractive error**

Includes:

Anisometropia  
Astigmatism  
Hyperopia, farsightedness  
Myopia, nearsightedness  
Presbyopia

Excludes:

Test for refractive errors (3230.0)

**2410.0 Cataract**

2415.0 Glaucoma

Includes:  
Glaucoma suspect  
Hypertensive ocular disease

2420.0 Other diseases of the eye

Includes:  
Amaurosis fugax  
Amblyopia  
Aphakia  
Color blindness  
Dacryocystitis  
Esotropia  
Exotropia  
Krukenberg's spindle  
Macular degeneration  
Macular hole  
Pterygium  
Retinal detachment  
Strabismus

#### **DISEASES OF THE EAR (2450-2499)**

2450.0 Otitis media

2455.0 Other diseases of the ear

Includes:  
Abscess  
Labyrinthitis  
Meniere's disease  
Ruptured tympanic membrane

Excludes:  
Deafness (1345.1)  
Infection, NOS (1355.2)

#### **DISEASES OF THE CIRCULATORY SYSTEM (2500-2599)**

2500.0 Rheumatic fever and chronic rheumatic heart disease

Includes:  
Chorea

2505.0 Hypertension with involvement of target organs

Includes:

HCD

HCVD

Hypertensive cardiovascular disease

Hypertensive heart disease

Pulmonary hypertension

Renal hypertension

2510.0 Hypertension, hypertensive

Includes:

High blood pressure

2515.0 Ischemic heart disease

Includes:

Angina, NOS (added in 2019)

Angina pectoris

Arteriosclerotic cardiovascular disease (ACVD)

Arteriosclerotic heart disease (ASHD)

Coronary

Coronary artery disease

Heart attack

Ischemic cardiomyopathy

Myocardial infarction

## 2520.0 Other heart disease

Includes:

Aortic valve stenosis  
Arrhythmia, NOS  
Atrial fibrillation  
Cardiac arrhythmia  
Cardiac dysrhythmias  
Cardiomyopathy  
Cardiomyopathy (congestive)  
Congestive heart failure  
Cor pulmonale  
Heart failure  
Heart murmur  
Mitral valve prolapse  
Mitral valve regurgitation  
Paroxysmal tachycardia  
Premature ventricular contractions (PVCs)  
Ventricular tachycardia

## 2525.0 Cerebrovascular disease

Includes:

Berry / brain aneurysm (added in 2019)  
Cardiac aneurysm (added in 2019)  
Carotid stenosis  
Cerebral aneurysm NOS (added in 2019)  
Cerebral arteriosclerosis  
Cerebral hemorrhage  
Cerebral stenosis  
Cerebrovascular accident (CVA)  
Stroke  
TIA

## 2530.0 Atherosclerosis

Includes:

Arteriosclerosis  
Hardening of the arteries

Excludes:

Cerebral arteriosclerosis (2525.0)

## 2535.0 Phlebitis, thrombophlebitis

Includes:

Phlebothrombosis

## 2540.0 Varicose veins

2545.0 Hemorrhoids

Includes:  
Perineal tags

2550.0 Other disease of circulatory system

Includes:  
Aneurysm  
Artery disease  
Blood clots (arterial) (venous)  
Pulmonary embolism  
Heart disease, NOS  
Infarct(s), NOS  
Lymphadenitis  
Lymphadenopathy  
Lymphedema  
Stasis dermatitis  
Postphlebitic syndrome  
Raynaud's disease  
Temporal arteritis  
Vasculitis  
Venous insufficiency

#### **DISEASES OF THE RESPIRATORY SYSTEM (2600-2649)**

2600.0 Upper respiratory infections except tonsillitis

Includes:  
Croup  
Laryngitis  
Pharyngitis  
Rhinitis  
Sinusitis

Excludes:  
Allergic rhinitis (2635.0)  
Cold (1445.0)  
Nose infection, NOS (1405.3)  
Sinus infection, NOS (1410.2)  
Throat infection, NOS (1455.3)

2605.0 Tonsillitis

2610.0 Bronchitis

Includes:  
Acute bronchitis  
Bronchitis, NOS  
Chronic bronchitis

2620.0 Emphysema

2625.0 Asthma

2630.0 Pneumonia

Includes:

Bacterial pneumonia  
Bronchopneumonia

Pneumonitis

Viral pneumonia

2630.1 Pneumonia due to SARS-associated coronavirus (added in 2020)

2631.0 COVID-19 (added in 2020)

Use additional code to identify other manifestations

Includes:

Confirmed COVID-19

Excludes:

Coronavirus infection, unspecified 2016.0

2632.0 COVID-19, virus not identified (added in 2020)

Includes:

Inconclusive COVID-19

Possible COVID-19

Probable COVID-19

Suspected (exposure) COVID-19

Excludes: COVID-19 2631.0

Coronavirus infection, unspecified 2016.0

2633.0 Vaping-related disorder (added in 2020)

Includes:

Dabbing related lung damage

Dabbing related lung injury

E-cigarette, or vaping, product use associated lung injury [EVALI]

Electronic cigarette related lung damage

Electronic cigarette related lung injury

2635.0 Hay fever

Includes:

Allergic rhinitis

Allergy to:

Dust

Pollen

Animals

Ragweed

Nasal allergy

Pollenosis

2636.0 Personal history of COVID-19

Excludes: post COVID-19 condition (2630.0)

2637.0 Post COVID-19 condition, unspecified

Includes:

Post-acute sequela of COVID-19

2640.0 Other respiratory diseases

Includes:

Asbestosis (added in 2019)

Bronchiolitis

Bronchospasm

Chronic obstructive pulmonary disease

Deviated nasal septum

Other respiratory problems

Pleurisy

Pneumothorax

Pulmonary edema

Respiratory failure

SARS

**DISEASES OF THE DIGESTIVE SYSTEM (2650-2699)**

2650.0 Diseases of the esophagus, stomach, and duodenum

Includes:

Barrett's esophagus  
Duodenal ulcer  
Esophageal ulcer  
Esophagitis  
Gastritis  
GERD  
Peptic ulcer  
Reflux  
Stomach ulcer

Excludes:

Gastroenteritis (2005.0)  
Stomach flu (1540.0)

2655.0 Appendicitis, all types

2660.0 Hernia of abdominal cavity

Includes:

Abdominal  
Femoral  
Hiatus  
Inguinal  
Umbilical  
Ventral

2665.0 Diseases of the intestine and peritoneum

Includes:

Abscess, rectal  
Adhesions (abdominal or not otherwise specified; if states post-op, code 42050 also)  
Crohn's disease  
Diverticulitis  
Diverticulosis  
Fissure - rectal, anal  
Fistula - rectal, anal  
Ileitis  
Irritable bowel syndrome  
Proctitis  
Small bowel obstruction  
Spastic colitis  
Ulcerative colitis

Excludes:

Intestinal virus (1540.0)

**2670.0 Diseases of the liver, gallbladder, and pancreas**

Includes:

Biliary colic  
Cholecystitis  
Cholelithiasis (gallstones)  
Cirrhosis  
Hepatitis (added in 2019)  
Liver diseases  
Pancreatitis

**2675.0 Other diseases of digestive system, NEC**

Includes:

Gingivitis (added in 2019)  
Mandibular cyst

2675.1 Dental abscess  
2675.2 Dental cavities  
2675.3 Canker sore  
2675.4 Stomatitis  
2675.5 Temporomandibular joint (TMJ) pain, Temporomandibular joint (TMJ) syndrome

**DISEASES OF THE GENITOURINARY SYSTEM (2700-2799)****2700.0 Cystitis**

Excludes:

Bladder infection (1665.2)

**2705.0 Urinary tract disease except cystitis**

Includes:

Bladder stones  
Glomerulonephritis  
Glomerulonephrosis  
Kidney abscess (added in 2019)  
Kidney cyst  
Kidney stones  
Neurogenic bladder  
Pyelonephritis  
Renal failure  
Ureteral calculus  
Urethritis  
Urolithiasis

Excludes:

Bladder infection (1665.2)  
Kidney infection, NOS (1670.2)  
Passed stones (1680.0)  
Urinary tract infection (1675.0)

**2710.0 Diseases of the male genital organs**

Includes:

Benign prostatic hypertrophy (BPH)  
Epididymitis  
Hydrocele  
Peyronie's disease  
Phimosis  
Prostatitis

Excludes:

Prostate infection (1710.2)

**2715.0 Fibrocystic and other diseases of breast**

Includes:

Abscess  
Mastitis

Excludes:

Cancer (2115.0)  
Infection (1810.0)

**2720.0 Pelvic inflammatory disease (PID)**

Includes:

Oophoritis  
Pelvic peritonitis  
Salpingitis

Excludes:

Pelvic infection, NOS (1775.3)

**2725.0 Cervicitis, vaginitis**

Includes:

Cervical erosion  
Vulvovaginitis

2730.0 Other diseases of female reproductive system

Includes:

Cervical dysplasia  
Cystocele  
Dysfunctional uterine bleeding  
Endometriosis  
Polycystic ovaries  
Proincidentia uteri  
Prolapse of uterus  
Rectal-vaginal fistula  
Rectocele  
Vulvitis

2735.0 Diagnosed complications of pregnancy and puerperium  
(Double code when possible e.g. HTN 25100 pregnant 27350)

**\*\*Do not code with 32050**

**Use additional code, if applicable, from 1790-** (added in 2019)

Includes:

Advanced maternal age (IF< 35 CHANGE TO 32050)  
Diabetes during pregnancy  
Ectopic pregnancy  
Edema of pregnancy  
Fetal death in utero  
Gallstones  
High blood pressure during pregnancy  
High risk pregnancy  
RH sensitization  
Hyperemesis  
Intrauterine growth retardation (IUGR)  
Miscarriage (if patient is pregnant  
Multiple pregnancy  
Placenta previa (removed "Previous C-Section" in 2019)  
Spontaneous abortion  
Threatened abortion  
Toxemia, adolescent  
Twins  
Young maternal age

Excludes:

Abortion induced (3520.0)

2736.0 Other diseases of the genitourinary system, NEC

#### **DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE (2800-2899)**

2800.0 Carbuncle, furuncle, boil, cellulitis, abscess, NEC (includes genital)

2805.0 Impetigo

2810.0 Seborrheic dermatitis

Includes:  
Dandruff

2815.0 Eczema and dermatitis, NOS

Includes:  
Allergic dermatitis

2820.0 Psoriasis

Includes:  
Psoriatic Arthritis

2825.0 Other diseases of the skin

Includes:  
Allergic skin reactions  
Epidermal inclusion cyst  
Folliculitis  
Hidradenitis  
Hives  
Keloid  
Keratosis  
Lupus erythematosus, NOS  
Paronychia  
Pilonidal cyst  
Poison ivy  
Poison oak  
Pressure ulcer  
Rosacea  
Sebaceous cyst  
Urticaria

Excludes:  
Acne (1830.0)  
Cyst, NOS (1855.0)

**DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE  
(2900-2949)**

2900.0 Arthritis

Includes:

Degenerative joint disease  
Osteoarthritis  
Rheumatism, NOS  
Rheumatoid arthritis  
Septic

2905.0 Nonarticular rheumatism

Includes:

Bursitis  
Ganglion cyst  
Impingement syndrome shoulder  
Myositis  
Polymyalgia rheumatica  
Radiculitis/Radiculopathy  
Synovitis  
Tendinitis  
Tenosynovitis

(Note: Removed Lumbago from 2905.0 in 2019, now included under 1910.1)

Excludes:

Rheumatism, NOS (2900.0)

2910.0 Other musculoskeletal or connective tissue disease

Includes:

Baker's cyst  
Bone cysts  
Bone spur Systemic Lupus Erythematosus  
Bunions  
Cervical myelopathy  
Curvatures of spine  
Degenerative disc diseases  
Dupuytren's contracture  
Exostosis  
Kyphoscoliosis  
Kyphosis  
Osteomyelitis  
Osteoporosis  
Paget's  
Plantar fistula  
Scleroderma  
Scoliosis  
Sjogren's  
Slipped disc  
Spinal stenosis  
Spondylosis  
Spur, NOS

#### **CONGENITAL ANOMALIES (2950-2979)**

2950.0 Congenital anomalies of heart and circulatory system

2955.0 Undescended testicles

Includes:

Hypospadias

2960.0 Other and unspecified congenital anomalies

Includes:

Absence of organs  
Blocked tear duct  
Cleft palate  
Cleft lip  
Clubfoot  
Congenital dislocation of hip  
Deformed earlobe  
Down's syndrome  
Duplication of organs  
Dysmorphic  
Harelip  
Nose deformity (added in 2019)  
Mitochondrial disorders  
Turner's syndrome

**PERINATAL MORBIDITY AND MORTALITY CONDITIONS (2980-2999)**

2980.0 Prematurity  
(Note - retinopathy of prematurity code retinopathy & then prematurity)

Includes:  
Late effects of prematurity  
Premature infant

2990.0 All other perinatal conditions

**DIAGNOSTIC, SCREENING, AND PREVENTIVE MODULE****GENERAL EXAMINATIONS (3100-3199)**

3100.0 General medical examination

Includes:  
Annual exam  
Checkup, NOS  
Checkup, routine  
Evaluation, NOS  
General exam  
Healthy adult  
Healthy child (1 year of age or older)  
History and physical (H&P)  
Multiphasic screening exam  
Nursing home visit  
Physical exam  
Preventive exam  
Regular exam  
Routine exam  
Welcome to Medicare

Code also any associated inoculations or vaccinations, if applicable (3400.0), and screening examinations administered or ordered during the encounter.

Excludes:  
Administrative exam (7100.0-7140.0)  
Follow-up visit (4800.0)  
Gynecological exam (3225.0)  
Health care maintenance for children under 1 year of age  
Pre-op exam (4200.0)  
Prenatal exam (3205.0)  
Progress visit (4800.0)

3103.0 Encounter for screening for COVID-19

3105.0 Well baby examination (any child under 1 year of age)  
Code also any associated inoculations or vaccinations, if applicable (3400.0)

3130.0 General psychiatric or psychological examination (mental health)

Includes:  
Psychological testing

Excludes:  
Court- or school-ordered examination (7140.0)

#### **SPECIAL EXAMINATIONS (3200-3299)**

3200.0 Pregnancy, unconfirmed (do not code with diagnosed complications of pregnancy or problems of pregnancy)

Includes:  
HCG  
Late menses  
Late menstruation  
Might be pregnant  
Missed period  
Period late  
Possible pregnancy  
Pregnancy test

3205.0 Prenatal examination, routine

Includes:  
Normal antepartum visit  
Pregnancy, NOS  
Routine obstetrical care

3215.0 Postpartum examination, routine

3220.0 Breast examination

Excludes:  
Breast thermography (3340.0)  
Mammography (3340.0)  
Xerography (3340.0)

3225.0 Gynecological examination

Includes:  
Pelvic exam

Excludes:  
Examination for birth control medication (3505.0)  
Examination for birth control, NOS (3500.0)  
Examination involving IUD (3510.0)  
Repeat or abnormal Pap smear (6300.0)

**3230.0 Eye examination**

Includes:

Check contacts  
Check glasses  
For contacts  
For glasses  
Glasses, NOS  
Grid  
Need new glasses  
No change in vision  
Routine ophthalmologic exam  
Test for nearsightedness, farsightedness  
To test my eyes  
Vision about the same  
Vision stable  
Vision test  
Visual field test  
Excludes:  
Fitting glasses or contacts (4515.0)

**3235.0 Heart examination**

Includes:

Cardiac care  
Cardiac checkup  
Heart checkup

**3240.0 Other special examination**

Includes:

AICD check  
Check tubes  
Diabetic check/exam (added in 2019)  
Ear check/examination (added in 2019)  
Examination of functioning internal prosthetic devices:  
Implants, stents, shunt, etc.  
Hearing aid  
ICD check  
IV line check (Pick line check)  
Neurological exam  
Pacemaker check  
Thyroid

**3240.1 Genetic testing (added in 2019)**

Excludes:

Genetic testing for family planning purposes 3500,0

**DIAGNOSTIC TESTS (3300-3399)**

3300.0 Sensitization test

Includes:  
Allergy test

Excludes:  
To check results of skin tests (6600.0)

3305.0 Skin immunity test

Includes:  
PPD test  
Tuberculin test

Excludes:  
To check results of skin tests (6600.0)

3310.0 Glucose level determination (Hgb A1C-GLYCOSOLATED HEMOGLOBIN)

Includes:  
Blood sugar test  
Check sugar  
Glucose tolerance test (GTT)  
Test for diabetes

3311.0 SARS-CoV-2 (Coronavirus disease [COVID-19]) test (added in 2020)

    3311.1 SARS-CoV-2 (Coronavirus disease [COVID-19]) antibody test (added in 2020)

3314.0 Human immunodeficiency virus (HIV) test

Includes:  
AIDS test

Excludes:  
To check results of human immunodeficiency virus test (6106.0)

**3315.0 Other blood test**

Includes:

Blood alcohol  
Blood count  
Blood culture  
Blood test, NOS  
Blood thinning test  
CBC  
Check cholesterol  
Prothrombin time  
PSA  
Sickle cell anemia test

Excludes:

Premarital blood test (7135.1)

**3315.1 Blood test for sexually transmitted disease****3320.0 Blood pressure test**

Includes:

Blood pressure check  
Check blood pressure

**3325.0 Urine test**

Includes:

Estriol for fetal evaluation  
Phenylketonuria (PKU) test (added in 2019)  
Test urine for sugar  
Urinalysis  
Urine culture

**3330.0 Diagnostic endoscopies (to schedule one of these 46050)**

Includes:

Arthroscopy  
Cystoscopy  
Laparoscopy  
Proctoscopy  
Sigmoidoscopy

**3335.0 Biopsies, so stated**

Excludes:

Removal of tissue not specified as a biopsy (4520.0)

**3340.0 Mammography, xerography, breast thermography**

Excludes:

Breast examination (3220.0)

3345.0 Diagnostic radiology

Includes:

Angiogram/angiography  
Bone density  
Bone scan  
CT scan  
Hysterosalpingogram  
IVP  
MRI  
Myelogram  
Radioisotope scanning  
Thallium stress test (added in 2019)  
Venogram  
X-ray

3350.0 EKG, ECG, electrocardiogram, exercise stress test, treadmill, stress testing, Holter monitor

Excludes:

Thallium stress test (3345.0)

3360.0 Hearing test

Includes:

Hearing exam

3365.0 Pap smear

3366.0 Nasal swab

**3370.0 Other and unspecified diagnostic tests**

Includes:

Amniocentesis  
Centesis  
Cervicitis  
Drug screening  
Echocardiogram procedure / service  
Electronic fetal monitoring  
Exposure to PID  
Lab test, NOS  
Pulmonary function test  
Spinal tap  
Ultrasound

**3370.1 Glaucoma test**

Includes:

ATN check  
Check intraocular pressure

**3370.2 Throat culture****3370.3 Heart catheterization****3370.4 Other cultures**

Includes:

Skin

**OTHER SCREENING AND PREVENTIVE PROCEDURES (3400-3499)****3400.0 Prophylactic inoculations**

Includes:

Flu shot  
IF/U vaccine  
Immunization  
Influenza shot  
HPV (Human Papillomavirus) vaccine  
Rhogam  
Tetanus shot  
Vaccination

**3400.1 COVID-19 immunization**

Includes:

COVID-19 immunization status  
COVID-19 vaccine

**3405.0 Exposure to sexually transmitted disease (STD)**

**Includes:**

Check for STD  
May have STD  
Concerns about or exposure to HPV (Human Papillomavirus)

3408.0 Possible HIV

3409.0 Exposure to human immunodeficiency virus (HIV)

**Includes:**

Exposed to AIDS

3410.0 Exposure to other infectious diseases

**Includes:**

Chickenpox  
Infectious hepatitis  
Measles  
Mumps  
Pathogens  
Tuberculosis

3415.0 Exposure to bodily fluids of another person, NOS

**Includes:**

Blood exposure  
Exposure to another's secretions

**FAMILY PLANNING (3500-3599)**

3500.0 Family Planning, NOS

**Includes:**

Birth control, NOS  
Counseling, examinations, and general advice regarding:  
Genetics for family planning  
Preop/counseling for vasectomy  
Sterilization  
Fertility, NOS  
Unwanted pregnancy, contraceptive, NOS

**Excludes:**

Genetic testing other than for family planning 3240.1

Procedures performed [See Counseling and examinations for pregnancy interruption (3515.0) through Artificial insemination (3530.0)]

Specified types of birth control:

    Birth control medication (3505.0)  
    IUD (3510.0)

3505.0 Contraceptive medication

Includes:

Depo Provera  
Examinations, instructions, and advice regarding:  
Birth control pills  
Contraceptive implants  
Foams, jellies  
Oral contraceptives  
Renewing pill prescription  
Norplant checkup  
Norplant insertion/removal (also code 4520.0)

3510.0 Contraceptive device

Includes:

Diaphragm insertion, removal, checkup  
IUD insertion, removal, checkup

3515.0 Counseling and examinations for pregnancy interruption

Includes:

Evaluation for an arrangement for abortion  
Wants abortion

3520.0 Abortion to be performed (at this visit)

3525.0 Sterilization and sterilization reversal to be performed (at this visit)

Includes:

Male - vasectomy  
Female - tubal ligation

3530.0 Artificial Insemination (At this visit)

Includes:

Assisted Reproductive Technologies  
Fetal Reduction  
Infertility Treatment  
Intrauterine Insemination  
In Vitro Fertilization

3535.0 Preconception Counseling and Education

Includes:

Counseling, examinations, and general advice regarding:  
Artificial Insemination  
Desires Pregnancy  
Egg Donor  
Infertility  
Monitoring cycles  
Semen Analysis  
Sperm Donor  
Sperm Washing  
Tubal reversal

## **TREATMENT MODULE**

### **MEDICATIONS (4100-4199)**

4100.0 Allergy medication

Includes:

Allergy shots  
Allergy treatments

Excludes:

Allergy testing (3300.0)

**4110.0 Injections**

Includes:

Antibiotic  
Fat  
Hormones  
Injections, NOS  
Iron  
Lupron Depot  
Therapeutic use  
Shots, NOS  
Steroid  
Vitamins

Excludes:

Allergy shots (4100.0)  
Botox injection related to cosmetic purpose (4556.1)  
Cosmetic injections, Nos (4556.0)  
Immunizations (3400.0)  
Inoculations (3400.0)  
Vaccinations (3400.0)

**4111.0 Noncompliance with medication therapy****4115.0 Medication, other and unspecified kinds**

Includes:

Antibiotics, NOS  
Check medication  
Drug studies  
For medication  
Hormone refill  
Medication for pain  
Oral  
Placebo effect  
Prescribe medication  
Prostin gel  
Renew prescription  
Renew scripts  
Request prescription  
Request scripts  
Scripts

Excludes:

Injected antibiotic medication (4110.0)  
Birth control medication (3505.0)  
Eyeglass prescription (see Eye examination (3230.0) and  
Fitting glasses and contact lenses (4515.0))  
Injections (4110.0)

**PREOPERATIVE AND POSTOPERATIVE CARE (4200-4299)**

4200.0 Preoperative visit for specified and unspecified types of surgery

Includes:

Desires face lift (added in 2019)  
Discuss any surgery  
Discussion of cosmetic surgery  
Pre-op examination  
Surgical consultation

4205.0 Postoperative visit - uncomplicated, no complications mentioned

Includes:

Check graft  
Check implant  
Check shunt  
Check stoma  
Check surgical wound  
Clotted graft/shunt  
Endoscopy follow-up  
F/U endoscopy (Immediate post –op care)  
Postop care  
Postop pain, code 10601 first  
Postop suture removal, code suture removal first  
Stitch abscess (post-operative) (added in 2019)  
Suture removal follow-up

Excludes

Complications of surgical or medical procedures and treatments (5930.0)

**SPECIFIC TYPES OF THERAPY (4400-4499)**

4400.0 Physical medicine and rehabilitation

Includes:

Back adjustment  
Cardiac rehabilitation  
Heat therapy  
Hydrotherapy  
Occupational therapy  
Physical therapy  
Pulmonary rehabilitation  
Recreational therapy  
Speech therapy  
Therapeutic exercises  
Vocational rehabilitation

4401.0 Cardiopulmonary resuscitation (CPR)

4405.0 Respiratory therapy

Includes:  
Asthma treatment  
Inhalation therapy  
Inhaler/breathing treatment

4410.0 Psychotherapy

Includes:  
Psychoanalysis

4410.1 Group counseling

Includes:  
12 Step programs (e.g., AA, Alcoholics Anonymous, Overeaters Anonymous)  
Family therapy  
Group therapy

4415.0 Radiation therapy

Includes treatment of s/p

4420.0 Acupuncture

4425.0 Chemotherapy

#### **SPECIFIC THERAPEUTIC PROCEDURES (4500-4599)**

4500.0 Tube insertion

Includes:  
Chest tube  
Flushed catheter  
G-tube  
PEG, replacement  
PICC  
Port-a-Cath placement  
Trach replacement

Excludes:  
Flushed urinary catheter (4510.0)

4505.0 Cauterization, all sites

4507.0 IV therapy, infusion

**4510.0 Urinary tract instrumentation and catheterization****Includes:**

Flushed urinary catheter  
Urethral dilation  
Urinary catheterization

**Excludes:**

Cystoscopy [see Diagnostic endoscopies (3330.0)]

**4515.0 Fitting glasses and contact lenses****Includes:**

Broken or lost glasses or contacts  
Clean glasses or contacts  
Pick up glasses or contacts  
Prescription renewal

**Excludes:**

Eye examination (3230.0)

**4518.0 Detoxification-medical clearance for detox, not otherwise specified exam for detox****4518.1 Alcohol****4518.2 Drug****4520.0 Minor surgery (see definition of minor vs major surgery)****Includes:**

Dilation and curettage, except abortion – added in 2019  
Ear tube removal  
Joint manipulation  
Norplant insertion/removal (also code 3505.0)  
Removal of skin lesion or mole  
Ring removal  
Tattoo removal  
Tube removal

**4520.1 Wart removed (code to wart also)**

**4521.0 Major surgery**

Includes:

- Aspiration bone marrow
- Balloon angiogram
- Cervical conization
- Cholecystectomy
- Laser surgery, eye
- Lens extraction
- Percutaneous transluminal angiogram
- Polypectomy
- PTCA (balloon)
- Pubovaginal sling

**4525.0 Kidney dialysis**

Includes:

- Peritoneal dialysis (added in 2019)

**4529.0 Internal prosthetic devices (fit, adjust, remove)**

Includes:

- Breast implants
- Cardiac pacemaker
- Joint prostheses
- VNS

Excludes:

- Post-op complication due to (presence of) any implant, device, prosthetic graft (5930.0)

**4530.0 External prosthetic devices, artificial body parts (fit, adjust, remove)**

Includes:

- Denture problem (added in 2019)

Excludes:

- Prosthetic complications (5930.0)

**4535.0 Corrective appliances**

Includes:

- Fitting and adjusting:
- Back brace
- Dental cap, crown
- Earplugs
- Eye patch
- Hearing aid
- Jobst or ted stockings
- Leg brace
- Neck brace
- Orthopedic shoes
- Walking cane

4540.0 Cast, splint - application, removal

4545.0 Dressing, bandage - application, change, packing

4550.0 Irrigation, lavage

4555.0 Suture - insertion, removal

4556.0 Cosmetic injection, NOS

    4556.1 Botox injection

        Excludes:  
        Therapeutic use (4110.0)

    4556.2 Collagen injection

4560.0 Other specific therapeutic procedures, NEC

Includes:

Adjust device  
Apheresis  
Cardioversion  
Cosmetic Micro-needling  
Cryotherapy  
Cut toenails  
Debridement  
Earwick  
ECT  
Enema  
Epidural  
Eye exercises  
Insulin pump  
Joint injection  
Nerve block  
Pessary change/clean  
Phototherapy  
Sclerotherapy  
Skin rejuvenation  
TENS unit, NOS  
Ultraviolet treatment  
Wrinkle reduction  
Wound care, NOS

Excludes:

Pinched nerve (1240.0)

4565.0 Transplants, NOS

Includes:  
Stem cell

4565.1 Complication

Includes:  
Failure (includes bone marrow)

4565.2 Rejection

**MEDICAL COUNSELING (4600-4699)**

4600.0 Diet and nutritional counseling

Includes:  
Check weight  
Counseling for weight reduction

4604.0 Human immunodeficiency virus (HIV) counseling

Includes:  
AIDS counseling  
AIDS information, education  
ARC counseling  
Worried, concerned about getting, transmitting AIDS

**4605.0 Medical Counseling, NOS**

Includes:

Alcohol  
Coordination of care  
COVID-19 counseling  
COVID-19 education  
Disease counseling  
Drug  
Drug rehabilitation  
Locate advocate  
Medical consultation  
New patient  
Open house  
Patient education  
Personal problem  
Questions about condition  
Referral  
Relapse prevention  
Schedule test or study  
Second opinion  
To learn about a condition  
To meet doctor  
Trouble toilet training  
Wants to talk to doctor

4605.1 Family history of cardiovascular disease

4605.2 Family history of cancer

4605.3 Family history of diabetes

4605.4 Family history of other disease or condition

**SOCIAL PROBLEM COUNSELING (4700-4799)****4700.0 Economic problem**

Includes:

Can't pay bills  
Too little income

**4702.0 Problem with access to medical care**

Includes:

Blocked access to medical care  
Care not covered by insurance  
Insurance problem

**4705.0 Marital problems**

Includes:  
Alcoholic spouse  
Custody battle  
Divorce, desertion, separation  
Marriage counseling, NOS  
Premarital counseling  
Problem with husband, wife

**4710.0 Parent-child problems**

Includes:  
Adopted or foster child  
Concern about childhood behavior  
Discipline  
Maturation problems  
Oppositional defiance  
Working parent

**4715.0 Other problems of family relationship**

Includes:  
Aged parents or in-laws  
Brother sister difficulty  
Divorced parents  
Family fights and disruptions  
Problems with relatives

**4720.0 Educational problems**

Includes:  
Absenteeism, truancy  
Hates school  
Problems with teachers  
School behavior problems

**4725.0 Occupational problems**

Includes:  
Job dissatisfaction  
Out of work  
Problem with boss or coworkers  
Unable to work  
Unemployment

**4730.0 Social adjustment problems**

Includes:

- Discrimination problems
- Don't have any friends
- Loneliness
- Neighborhood and community relations problems
- Social isolation

**4735.0 Legal problems**

Includes:

- Divorce proceedings (added in 2019)
- Imprisonment, prosecution
- Lawsuits, litigation

**4735.1 Police involvement in outpatient visit circumstances**

Includes:

- Brought in by police
- Police called

**4740.0 Other social problems**

Includes:

- Disabled
- Disappointment in others
- Disasters
- "Frank's drunk"
- Homeless
- Housing and clothing problems
- Pregnancy out-of-wedlock
- Problem with boyfriend or girlfriend
- Problems of aging
- Relationship problems

**PROGRESS VISIT, NEC (4800-4899)**

4800.0 Progress visit, NOS (Use only when the only information given is progress or follow-up)

NOTE: If for specific therapy, use additional code.

Includes:

Chronic, NOS  
Follow-up, NOS  
Getting better  
I'm better  
I'm the same  
I'm worse  
Monthly visit  
Ongoing treatment, NOS  
Recheck  
Revisit  
Routine follow-up  
Same problems, NOS  
Scheduled check-up  
Touching base

Excludes:

Follow-up, disease (Code to disease)  
Follow-up, injury (Code to injury)  
Follow-up, symptom (Code to symptom)  
Follow-up, test results (Code to 6100.0-6700.0)  
General checkup (3100.0)  
Postoperative follow-up (4205.0)  
Preventive medicine (3100.0)

**INJURIES AND ADVERSE EFFECTS MODULE****INJURY BY TYPE AND/OR LOCATION (5001-5799)**

Fractures and dislocations:

5005.0 Head and face,

Includes:

Facial bones  
Jaw  
Nose  
Skull

5010.0 Spinal column

Includes:

Back  
Neck  
Vertebrae

5015.0 Trunk area, except spinal column

Includes:

Clavicle  
Collarbone  
Pelvic  
Rib  
Scapula

5020.0 Leg

Includes:

Femur  
Fibula  
Hip  
Knee  
Tibia

5025.0 Ankle

5030.0 Foot and toes

5035.0 Arm

Includes:

Elbow  
Humerus  
Radius  
Shoulder  
Ulna

5040.0 Wrist

5045.0 Hand and fingers

5050.0 Fracture, other and unspecified

Sprains and strains:

5105.0 Cervical spine, neck

Includes:

Whiplash

5110.0 Back  
5115.0 Knee

5120.0 Ankle

5125.0 Wrist

5130.0 Sprain or strain, other and unspecified

Lacerations and cuts:

5205.0 Head and neck area

Excludes:  
Face (5210.0)

5210.0 Facial area

Includes:  
Eye  
Ear  
Forehead  
Lip  
Nose

5215.0 Trunk area  
Includes perineum

5220.0 Lower extremity

Includes:  
Ankle  
Foot

5225.0 Upper extremity

Includes:  
Arm  
Fingers  
Hand  
Wrist

5230.0 Laceration and cuts, site unspecified

Puncture wounds:

5305.0 Head, neck and facial area

5310.0 Trunk area

5315.0 Lower extremity

5320.0 Upper extremity

5325.0 Puncture wound, site unspecified

Includes:  
Needlestick, NOS

Contusions, abrasions, and bruises:

5405.0 Head, neck, and face

Excludes:  
Eye (5410.0)

5410.0 Eye

Includes:  
Black eye  
Contusion  
Corneal abrasion

5415.0 Trunk area

Includes:  
Injury to scrotum

5420.0 Lower extremity

5425.0 Upper extremity

5430.0 Contusion, abrasion, bruise, site unspecified

Injury, other and unspecified type:

5505.0 Head, neck, and face

Includes:  
Post concussive syndrome  
Tooth fracture  
Tooth knocked out  
Traumatic brain injury (TBI)

Excludes:  
Loose tooth (no injury) 1500.0

5510.0 Eye

5515.0 Back

Includes:  
Tail bone

5520.0 Chest and abdomen

Includes:  
Internal injuries

5525.0 Hip

5530.0 Leg

5535.0 Knee

5540.0 Ankle

5545.0 Foot and toe(s)

5550.0 Shoulder

5555.0 Arm

5560.0 Elbow

5565.0 Wrist

5570.0 Hand and finger(s)

5575.0 Injury, multiple or unspecified (wound check)

Foreign body:

5600.0 Eye

5605.0 Nose

5610.0 Skin

5615.0 Digestive tract

Includes:  
Choking on food (code 15200 first)  
Mouth  
Rectum  
Throat

5616.0 Respiratory tract

5620.0 Other and unspecified sites

Burns, all degrees:

5705.0 Head, neck, and face (includes eyes)

5710.0 Trunk area

5715.0 Extremities

Includes:  
Lower  
Upper

5720.0 Burn, site unspecified

5750.0 Sunburn, windburn

Excludes:  
Sun poisoning 5920.0

Bites:

5755.0 Insect

Includes:  
Sting  
Tick

5760.0 Animal ,snake, human

Causes of Injury and other health status (5800-5899)

5800.0 Late effects of an old injury

Includes:  
Deformities  
Scars

5805.0 Motor vehicle accident

Includes:  
Auto accident  
Car accident  
Motorcycle accident

5810.0 Accident, NOS (this code is used for the verbatim "accident" or if an injury is documented but not how it occurred)

Includes:  
Fall, type or location of injury unspecified

**5815.0 Violence, NOS****Includes:**

Abuse  
Assaulted (added in 2019)  
Beat up  
In a fight  
Stabbing

**Excludes:**

Violence against oneself (5818.0, 5820.0)

**5815.1 Child abuse or neglect****Excludes:**

Child sexual abuse (5830.1)

**5815.2 Battered spouse****5815.3 Elder abuse****5815.4 Gunshot wound****5818.0 Intentional self-mutilation****Includes:**

Self-abuse  
Tried to hurt self

**Excludes:**

Suicide attempt (5820.0)

**5820.0 Suicide attempt****Includes:**

Found in car with motor running  
Hanging oneself  
Slashed wrists  
Code also: Laceration of wrists (5225.0)  
Stabbed oneself

**5820.1 Overdose, intentional****Excludes:**

Unintentional overdose (5910.0)

5830.0 Rape

Includes:  
Sexual assault

5830.1 Sexual abuse

Includes:  
Molestation

5835.0 Dead on arrival (DOA)

Includes:  
Death

Excludes:  
Cardiac Arrest (5837.0)  
Cardiopulmonary arrest (5839.0)  
Respiratory arrest (5836.0)

5836.0 Respiratory arrest

Excludes:  
Cardiac arrest (5837.0)  
Cardiopulmonary arrest (5839.0)  
Dead on arrival (5835.0)  
Drowning (5838.0)  
Near drowning (5838.0)

5837.0 Cardiac arrest

Includes:  
Code blue

Excludes:  
Cardiopulmonary arrest (5839.0)  
CPR (4401.0)  
Dead on arrival (5835.0)  
Respiratory arrest (5836.0)

5838.0 Drowning

Includes:  
Near drowning

5839.0 Cardiopulmonary arrest

Excludes:  
Cardiac arrest (5837.0)  
Respiratory arrest (5836.0)

5840.0 Unconscious on arrival

Includes:

Coma  
Found unconscious  
Knocked out  
Shock  
Stupor  
Unresponsive

5841.0 State of consciousness not specified (this is the only thing that is stated)

Includes:

Found on floor  
Verbally unresponsive

5842.0 Altered level of consciousness, NOS

Excludes:

Adverse effect of alcohol 5915.0  
Adverse effect of drug abuse 5910.0

## **POISONING AND ADVERSE EFFECTS (5900-5925.0)**

5900.0 Unintentional poisoning

5900.1 Food poisoning

5900.2 Ingestion, inhalation, or exposure to potentially poisonous products

Includes:

Household products  
Heavy metal toxicity  
Chemicals  
Drugs  
Gas  
Lead  
Mace in eye  
Smoke

5905.0 Adverse effect of medication

Includes:

Allergy to medication  
Anaphylactic shock  
Bad reaction to prescribed medication  
Penicillin allergy  
Sugar too low (insulin reaction) (Code 22150 also)

**5910.0 Adverse effect of drug abuse**

Includes:

Bad trip  
Combination of drugs and alcohol (nonsuicidal)  
Drug-induced hallucinations  
Freaked out on drugs  
Ingestion of drugs for nonmedicinal purposes  
Unintentional overdose

Excludes:

Intentional overdose (5820.1)

**5915.0 Adverse effect of alcohol**

Includes:

Acute intoxication  
Drunk  
Intoxication

**5916.0 Alcohol poisoning**

Includes:

Acute alcohol toxicity  
Alcoholic stupor  
Respiratory depression/ impairment due to high alcohol level in blood  
Respiratory distress due to alcohol poisoning/toxicity  
Nondrug toxic substance poisoning  
Nonresponsive due to alcohol poisoning/toxicity  
Unconsciousness due to alcohol poisoning/toxicity

Excludes:

Alcohol intoxication (5915.0)  
Drunkenness (5915.0)

**5920.0 Adverse effects of environment**

Includes:

Air pollution  
Frostbite  
Hypothermia  
Noise pollution  
Photoaging (added in 2019)  
Sun damage  
Sun poisoning  
Too hot  
Water pollution

5921.0 Adverse effects of second-hand smoke

Includes:

Persons living with heavy smoker  
Exposure in public buildings  
Work environment exposure

Note: Also code symptomatic conditions related to second hand exposure (bronchitis, emphysema)

5922.0 Adverse effects of terrorism and bioterrorism

Includes:

Anthrax, skin  
Anthrax, respiratory (inhalation)  
Bombing  
Food/water contamination  
Smallpox

Note: Use an additional code to identify the complaint or symptom, if any.

5925.0 Adverse effects, other and unspecified

Includes:

Seasickness

## **COMPLICATIONS OF SURGICAL AND MEDICAL PROCEDURES AND TREATMENTS**

5930.0 Complications of surgical or medical procedures and treatments

Includes:

Artificial openings (ostomies, stoma)  
Catheter  
Foreign body (accidentally left during surgery e.g., sponge, instrument)  
Medical complication, NOS  
Non-healing surgical wound  
Post-op fever  
Post-op hemorrhage (bleeding)  
Post-op infection or inflammation  
Post-op sepsis (septicemia)  
Shunt  
Tubes  
Wound dehiscence

Use additional code to identify condition

Such as: UTI (1675.0)  
Fever (1010.0)

Excludes:

Postpartum conditions (1791.0 and 1810.2)  
Complication of transplant organs (4565.1-4565.2)

**SEVERE SEPSIS and SIRS**

5935.0 Systemic inflammatory response syndrome (SIRS), unspecified

Includes:

SIRS, NOS

Systemic inflammatory response syndrome due to noninfectious process without acute organ dysfunction

5935.2 Severe sepsis

SIRS due to infectious process with acute organ dysfunction

Sepsis with acute organ dysfunction

Sepsis with multiple organ dysfunction (MOD)

5935.4 Systemic inflammatory response syndrome due to noninfectious process with acute organ dysfunction

**TEST RESULTS MODULE (6100-6700)**

(includes all abnormal test results and follow-ups for test results)

6100.0 For results of blood glucose tests

Includes:

Abnormal glucose tolerance test

Elevated blood sugar

Glucose control

High blood sugar

Hyperglycemia

Sugar in blood

6105.0 For results of cholesterol and triglyceride tests

Includes:

High cholesterol

6106.0 For results of test for human immunodeficiency virus (HIV)

Includes:

Results of AIDS test

Excludes:

History of positive HIV test findings (2015.2)

6110.0 For other findings of blood tests

Includes:  
Calcium  
Elevated sed rate  
Low potassium  
Positive blood culture  
Positive serology, VDRL  
PSA results

6200.0 For results of urine tests

Includes:  
Abnormal urinalysis  
Positive urine culture  
Sugar in urine

6300.0 For cytology findings

Includes:  
Abnormal pap smear  
Atypical Pap smear  
For results of Pap smear of cervix or other area  
Positive Pap smear  
Repeat Pap smear

6400.0 For radiological findings

Includes:  
Abnormal X-ray  
Thallium stress test (added in 2019)  
X-ray results  
Xeromammography results

6500.0 For results of EKG, Holter monitor review (anything under 33500 and 33550)

Includes:  
Abnormal echocardiogram

6600.0 For results of skin tests (ppd results, results for allergy testing)

6700.0 For other and unspecified test results

Includes:

- Abnormal EEG
- Abnormal lab test results, NOS
- Abnormal scans
- Abnormal pulmonary function test
- Colonoscopy results
- CT scans
- Failed hearing, vision
- MRI
- Results of fetal evaluation tests
- Results of biopsy
- To discuss test results with physician
- Ultrasonography results

## **ADMINISTRATIVE MODULE**

7100.0 Physical examination required for school or employment

7100.1 Physical examination required for employment

Includes:

- Pre-employment examination
- Required company physical
- Return to work checkup
- Teacher's certificate physical

7100.2 Executive physical examination

7100.3 Physical examination required for school

Includes:

- College
- Day care center
- Grade school
- High school
- Nursery school

7100.4 Physical examination for extracurricular activities

Includes:

- Athletics
- Boy Scouts or Girl Scouts
- Camp
- Little League

7120.0 Driver's license examination, DOT

7125.0 Insurance examination

7130.0 Disability examination

Includes:

Evaluation of disability  
Social Security examination

7131.0 Worker's comp exam

7135.0 Premarital examination

    7135.1 Premarital blood test

7137.0 Direct admission to hospital

Includes:

Admit to hospital  
Direct admit  
For admission  
Here for admission  
Involuntary commitment  
Preadmission evaluation  
Preadmission exam  
Voluntary commitment

7140.0 Other reason for visit required by party other than the patient or the health care provider

Includes:

Medical certificate  
Physical certificate  
Physical examination for adoption  
Psychiatric examination required by court  
Travel  
WIC medical clearance  
Social worker visit

## **UNCODABLE ENTRIES**

8990.0 Problems, complaints, NEC (multiple medical problems)

8991.0 Patient unable to speak English

8993.0 Patient (or patient's spokesperson) refused care

Includes:

Left AMA  
Walked out

8997.0 Entry of "none" or "no complaint"

Includes:  
Asymptomatic, NOS  
Doing well  
Feeling good (no other statement)

8998.0 Insufficient information

Includes:  
Data inadequate  
Unidentifiable abbreviations

8999.0 Illegible entry

**SPECIAL CODE**

-9 Blank

### APPENDIX III

#### A. GENERIC CODES AND NAMES IN NUMERIC ORDER

Starting with 2006 data, the Multum Lexicon Plus system has been used to classify drugs in NHAMCS. Drugs starting with a "d" prefix are those for which a match was found in the Multum Lexicon Plus® (a proprietary database formerly of Cerner Multum, Inc. and now licensed through UpToDate Lexidrug by Wolters Kluwer) and the code reflects the Multum code for the drug. Drugs starting with an "a" prefix are those which were added to the NCHS database in 2006 and 2007 for which a match could not be found in Multum but for which ingredients could be identified. Drugs starting with a "c" prefix are those drugs added to the NCHS database in 2006 and 2007 for which ingredients could not be determined. Drugs starting with "a" or "c" were assigned codes by NCHS. As of 2008 data, new "a" and "c" codes are no longer being used to code drugs in the NCHS database. Starting in 2008, drugs which were added to the NCHS database for which no match could be found in Multum use an "n" prefix. Ingredients are separated by dashes (for two ingredients only) or semi-colons (for three or more ingredients).

a07069 CYANOACRYLATE  
a10133 CALCIUM ION;CHLORIDE ION;MAGNESIUM ANTACIDS;POTASSIUM ION;SODIUM ION  
a10252 DEXTROSE-NORMAL SALINE  
a10267 DEXTROSE-SODIUM CHLORIDE  
a10279 DEXTROSE-STERILE WATER  
a10304 ELECTROLYTES-POLYETHYLENE GLYCOL 3350  
a10463 ALUMINUM HYDROXIDE;DIPHENHYDRAMINE TOPICAL;LIDOCAINE;MAGNESIUM ANTACIDS  
a10474 ALUMINUM HYDROXIDE-MAGNESIUM ANTACIDS  
a10623 ASPARTAME;MANNITOL;NICOTINE;PHENYLALANINE  
a10627 ALTEPLASE;ARGININE;PHOSPHORIC ACID;POLYSORBATE  
a10638 PHOSPHORUS;POTASSIUM REPLACEMENT SOLUTIONS;SODIUM CHLORIDE  
a10726 POLYETHYLENE GLYCOL 3350;POTASSIUM CHLORIDE;SODIUM BICARBONATE;SODIUM CHLORIDE;SODIUM SULFATE  
a10738 AMPICILLIN-SULBACTIN SODIUM  
a10801 BENZOCAINE TOPICAL;EPINEPHRINE TOPICAL;ZINC TOPICAL AGENTS, EXTERNAL USE  
a10849 ASCORBIC ACID;FOLIC ACID;VITAMIN B COMPLEX  
a10864 CARBOHYDRATES;FAT SUPPLEMENT, ORAL;MAGNESIUM AMINO ACIDS CHELATE;MULTIVITAMIN;PROTEIN  
a10893 ARGinine;GLUTAMINE;HMB  
a10968 MINERAL OIL;MINERAL WAX;PETROLATUM TOPICAL;WOOLWAX ALCOHOL  
a11138 EPINEPHRINE TOPICAL;LIDOCAINE;TETRACAIN TOPICAL  
a11163 POLYMYXIN B SULFATE-TRIMETHOPRIM  
a11166 DORZOLAMIDE OPHTHALMIC-TIMOLOL  
a11298 FOLIC ACID;MULTIVITAMIN;SODIUM CHLORIDE;THIAMINE  
a11299 FOLIC ACID;MAGNESIUM SULFATE;MULTIVITAMIN;THIAMINE  
a11328 BACITRACIN TOPICAL;NEOMYCIN;POLYMYXIN B SULFATE  
a11345 NEOMYCIN-POLYMYXIN B OPHTHALMIC  
a11392 DEXAMETHASONE TOPICAL;NEOMYCIN TOPICAL;POLYMYXIN B SULFATE  
a11458 PANCREATIN-PYRIDOXINE  
a11518 CONJUGATED ESTROGENS-PROGESTERONE  
a11664 ALUMINUM SULFATE TOPICAL;CAMPHOR TOPICAL;LACTOBACILLUS ACIDOPHILUS;MENTHOL TOPICAL;SALICYLIC ACID TOPICAL  
a11730 BUDESONIDE NASAL-FORMOTEROL  
a11741 CAMPHOR TOPICAL;MENTHOL TOPICAL;METHYL SALICYLATE TOPICAL

a11748 BACITRACIN TOPICAL-POLYMYXIN B OPHTHALMIC  
a50035 ACETONE  
a50235 AMMONIA SPIRIT AROMATIC  
a50770 CALCIUM REPLACEMENT  
a51675 DEXTROSE  
a52023 ELECTROLYTES  
a52395 GELATIN  
a52885 IRON PREPARATIONS  
a53175 MAGNESIUM ANTACIDS  
a53298 MEGLUMINE  
a53718 MILK SOLIDS NONFAT  
a54655 POTASSIUM REPLACEMENT SOLUTIONS  
a54922 PROTEIN SUPPLEMENT  
a55115 RINGERS LACTATED  
a55218 SILICONE  
a55330 SODIUM FLUORIDE  
a55510 SUCCINYLCHOLINE  
a56198 VITAMIN K  
a56265 ZINC TOPICAL AGENTS, EXTERNAL USE  
a56345 VITAMIN B COMPLEX  
a56580 POLOXAMER 188  
a57024 MAGNESIUM ION  
a57034 PHOSPHORUS  
a57158 TECHNETIUM  
a70048 OIL OF EVENING PRIMROSE  
a70159 SILVER  
a70385 SILYBUM  
a70480 ALPHA LIPOICACID  
a70979 S-ADENOSYL-L-METHIONINE  
a71008 TECHNETIUM TC 99M MERTIATIDE INJECTION  
c00009 CEPHALOSPORINS  
c00012 MISCELLANEOUS ANTIBIOTICS  
c00015 SULFONAMIDES  
c00033 IMMUNE GLOBULINS  
c00039 MISCELLANEOUS BIOLOGICALS  
c00042 ANGIOTENSIN CONVERTING ENZYME INHIBITORS  
c00059 MISCELLANEOUS ANALGESICS  
c00061 NONSTEROIDAL ANTI-INFLAMMATORY AGENTS  
c00070 MISCELLANEOUS ANXIOLYTICS, SEDATIVES AND HYPNOTICS  
c00080 MISCELLANEOUS CENTRAL NERVOUS SYSTEM AGENTS  
c00085 MISCELLANEOUS COAGULATION MODIFIERS  
c00095 LAXATIVES  
c00096 MISCELLANEOUS GI AGENTS  
c00102 CONTRACEPTIVES  
c00105 MISCELLANEOUS AGENTS  
c00109 LOCAL INJECTABLE ANESTHETICS  
c00110 MISCELLANEOUS UNCATEGORIZED AGENTS  
c00115 NUTRITIONAL PRODUCTS  
c00117 MINERALS AND ELECTROLYTES  
c00118 ORAL NUTRITIONAL SUPPLEMENTS  
c00123 ANTIHISTAMINES

c00124 ANTITUSSIVES  
c00127 DECONGESTANTS  
c00129 MISCELLANEOUS RESPIRATORY AGENTS  
c00131 ANTIASTHMATIC COMBINATIONS  
c00135 ANTISEPTIC AND GERMICIDES  
c00138 TOPICAL STEROIDS  
c00140 MISCELLANEOUS TOPICAL AGENTS  
c00156 THIAZIDE DIURETICS  
c00169 MISCELLANEOUS OPHTHALMIC AGENTS  
c00174 MISCELLANEOUS ANTIHYPERLIPIDEMIC AGENTS  
c00193 ANTIMIGRAINE AGENTS  
c00198 MISCELLANEOUS ANTIEMETICS  
c00220 HERBAL PRODUCTS  
c00248 TOPICAL EMOLLIENTS  
c00254 IMMUNOLOGIC AGENTS  
c00290 TOPICAL ANTIBIOTICS  
c00301 GLUCOCORTICOIDS  
c00899 PHARMACEUTICAL AID  
d00001 ACYCLOVIR  
d00002 AMIODARONE  
d00003 AMPICILLIN  
d00004 ATENOLOL  
d00006 CAPTOPRIL  
d00007 CEFAZOLIN  
d00009 CEFTAZIDIME  
d00011 CIPROFLOXACIN  
d00012 CODEINE  
d00013 ENALAPRIL  
d00014 GENTAMICIN  
d00015 IBUPROFEN  
d00016 LABETALOL  
d00017 MEPERIDINE  
d00018 NADOLOL  
d00019 NAPROXEN  
d00021 RANITIDINE  
d00022 WARFARIN  
d00023 ALLOPURINOL  
d00024 AZATHIOPRINE  
d00025 CHLORAMPHENICOL  
d00027 HALOPERIDOL  
d00032 PROPRANOLOL  
d00034 ZIDOVUDINE  
d00035 CHLOROQUINE  
d00037 DOXYCYCLINE  
d00039 INDOMETHACIN  
d00041 TETRACYCLINE  
d00043 CLINDAMYCIN  
d00044 CLONIDINE  
d00045 DILTIAZEM  
d00046 ERYTHROMYCIN  
d00047 RIFAMPIN  
d00048 VERAPAMIL  
d00049 ACETAMINOPHEN

d00050 METHADONE  
d00051 NIFEDIPINE  
d00052 CEFTRIAXONE  
d00056 CEFUROXIME  
d00057 PIPERACILLIN  
d00058 CARBAMAZEPINE  
d00059 LIDOCAINE  
d00060 METHOTREXATE  
d00061 LITHIUM  
d00064 CHLORPROMAZINE  
d00067 AZTREONAM  
d00068 ETHAMBUTOL  
d00069 TOBRAMYCIN  
d00070 FUROSEMIDE  
d00071 FLUCONAZOLE  
d00072 CEFIXIME  
d00077 AMPHOTERICIN B  
d00079 CYCLOSPORINE  
d00080 CEFADROXIL  
d00081 CEFACLOR  
d00083 VALPROIC ACID  
d00084 PREDNISOLONE  
d00086 AMANTADINE  
d00088 AMOXICILLIN  
d00089 AMOXICILLIN-CLAVULANATE  
d00090 AMPICILLIN-SULBACTAM  
d00091 AZITHROMYCIN  
d00094 CEFOXITIN  
d00095 CEPPODOXIME  
d00096 CEPHALEXIN  
d00097 CLARITHROMYCIN  
d00098 DAPSONE  
d00100 GRISEOFULVIN  
d00101 ISONIAZID  
d00103 KETOCONAZOLE  
d00106 METHENAMINE  
d00108 METRONIDAZOLE  
d00110 MINOCYCLINE  
d00112 NITROFURANTOIN  
d00114 OFLOXACIN  
d00115 OXACILLIN  
d00116 PENICILLIN  
d00119 SULFAMETHOXAZOLE  
d00123 TRIMETHOPRIM  
d00124 SULFAMETHOXAZOLE-TRIMETHOPRIM  
d00125 VANCOMYCIN  
d00128 ACEBUTOLOL  
d00132 HYDRALAZINE  
d00134 METOPROLOL  
d00138 PRAZOSIN  
d00139 TIMOLOL

d00140 CIMETIDINE  
d00141 FAMOTIDINE  
d00142 THEOPHYLLINE  
d00143 PHENYTOIN  
d00144 NORTRIPTYLINE  
d00146 AMITRIPTYLINE  
d00148 DIAZEPAM  
d00149 LORAZEPAM  
d00150 COLCHICINE  
d00161 ACETAZOLAMIDE  
d00164 ADENOSINE  
d00168 ALPRAZOLAM  
d00169 AMILORIDE  
d00170 ASPIRIN  
d00174 ATROPINE  
d00175 BENZTROPINE  
d00179 BUMETANIDE  
d00180 BUPIVACAINE  
d00181 BUPROPION  
d00182 BUSPIRONE  
d00189 CHLORDIAZEPOXIDE  
d00190 CHLOROTHIAZIDE  
d00192 CHLORTHALIDONE  
d00193 CHOLESTYRAMINE  
d00197 CLONAZEPAM  
d00198 CLORAZEPATE  
d00199 CLOZAPINE  
d00200 CROMOLYN  
d00206 DEXAMETHASONE  
d00207 DEXTROMETHORPHAN  
d00208 DIFLUNISAL  
d00210 DIGOXIN  
d00211 DIHYDROERGOTAMINE  
d00212 DIPHENHYDRAMINE  
d00215 DOBUTAMINE  
d00216 DOPAMINE  
d00217 DOXEPIN  
d00219 DROPERIDOL  
d00223 EPOETIN ALFA  
d00224 ESMOLOL  
d00227 ETHOSUXIMIDE  
d00231 FELODIPINE  
d00233 FENTANYL  
d00234 FLECAINIDE  
d00236 FLUOXETINE  
d00237 FLUPHENAZINE  
d00241 FOLIC ACID  
d00245 GEMFIBROZIL  
d00246 GLIPIZIDE  
d00248 GLYBURIDE  
d00252 HEPARIN  
d00253 HYDROCHLOROTHIAZIDE  
d00254 HYDROCORTISONE

d00255 HYDROMORPHONE  
d00262 INSULIN  
d00265 IPRATROPIUM  
d00268 ISOSORBIDE DINITRATE  
d00269 ISOSORBIDE MONONITRATE  
d00272 KETAMINE  
d00273 KETOROLAC  
d00278 LEVOTHYROXINE  
d00280 LOVASTATIN  
d00282 MANNITOL  
d00284 MEDROXYPROGESTERONE  
d00290 METHIMAZOLE  
d00293 METHYLPPREDNISOLONE  
d00298 METOCLOPRAMIDE  
d00299 METOLAZONE  
d00301 MIDAZOLAM  
d00302 MILRINONE  
d00303 MISOPROSTOL  
d00308 MORPHINE  
d00311 NALOXONE  
d00312 NEOMYCIN  
d00313 NEOSTIGMINE  
d00314 NIACIN  
d00315 NICARDIPINE  
d00316 NICOTINE  
d00321 NITROGLYCERIN  
d00323 NOREPINEPHRINE  
d00325 OMEPRAZOLE  
d00328 OXYBUTYNIN  
d00329 OXYCODONE  
d00336 PENTOXIFYLLINE  
d00337 PHENAZOPYRIDINE  
d00340 PHENOBARBITAL  
d00344 POLYMYXIN B SULFATE  
d00345 POTASSIUM CHLORIDE  
d00346 POVIDONE IODINE TOPICAL  
d00348 PRAVASTATIN  
d00350 PREDNISONE  
d00352 PRIMIDONE  
d00355 PROCHLORPERAZINE  
d00356 PROMAZINE  
d00360 PROPOXYPHENE  
d00365 QUINAPRIL  
d00366 QUININE  
d00370 OCTREOTIDE  
d00371 SOTALOL  
d00373 SPIRONOLACTONE  
d00377 SUCRALFATE  
d00379 SULFASALAZINE  
d00381 TAMOXIFEN  
d00384 TEMAZEPAM

d00386 TERAZOSIN  
d00395 TRAZODONE  
d00396 TRIAMTERENE  
d00397 TRIAZOLAM  
d00398 VASOPRESSIN  
d00402 VITAMIN A  
d00405 VITAMIN E  
d00409 RIBOFLAVIN  
d00412 PYRIDOXINE  
d00413 CYANOCOBALAMIN  
d00425 CALCIUM CARBONATE  
d00426 ASCORBIC ACID  
d00438 SODIUM CHLORIDE  
d00440 SODIUM BICARBONATE  
d00468 MAGNESIUM SULFATE  
d00475 SODIUM PHOSPHATE  
d00476 AMMONIUM CHLORIDE  
d00485 IODINE TOPICAL  
d00488 LYSINE  
d00497 OMEGA-3 POLYUNSATURATED FATTY ACIDS  
d00512 FILGRASTIM  
d00521 ALTEPLASE  
d00529 TRANEXAMIC ACID  
d00537 ESTRADIOL  
d00541 CONJUGATED ESTROGENS  
d00550 PROGESTERONE  
d00555 NORETHINDRONE  
d00557 LEVONORGESTREL  
d00558 TESTOSTERONE  
d00563 FINASTERIDE  
d00577 SOMATROPIN  
d00578 ARGININE  
d00583 DESMOPRESSIN  
d00584 OXYTOCIN  
d00593 GLUCAGON  
d00595 GLUCOSE  
d00598 CALCITONIN  
d00604 CORTICOTROPIN  
d00608 FLUDROCORTISONE  
d00620 TRIAMCINOLONE  
d00626 DEXAMETHASONE TOPICAL  
d00628 BETAMETHASONE  
d00651 UREA TOPICAL  
d00652 GLYCERIN  
d00653 ISOSORBIDE  
d00655 THYROID DESICCATED  
d00658 LIOTHYRONINE  
d00683 LIDOCAINE TOPICAL  
d00689 AMLODIPINE  
d00699 EPINEPHRINE  
d00700 EPHEDRINE  
d00701 MEPHENENTERMINE  
d00704 PHENYLEPHRINE

d00709 BISOPROLOL  
d00717 GUANFACINE  
d00726 DOXAZOSIN  
d00728 RAMIPRIL  
d00730 BENAZEPRIL  
d00732 LISINOPRIL  
d00735 METYROSINE  
d00743 SODIUM POLYSTYRENE SULFONATE  
d00744 COLESTIOL  
d00746 SIMVASTATIN  
d00749 ALBUTEROL  
d00752 TERBUTALINE  
d00760 BECLOMETHASONE  
d00762 ACETYL CYSTEINE  
d00769 PSEUDOEPHEDRINE  
d00771 NAPHAZOLINE OPHTHALMIC  
d00772 OXYMETAZOLINE NASAL  
d00773 TETRAHYDROZOLINE OPHTHALMIC  
d00774 XYLOMETAZOLINE NASAL  
d00782 PYRILAMINE  
d00785 BROMPHENIRAMINE  
d00787 PROMETHAZINE  
d00790 CYPROHEPTADINE  
d00796 BENZONATATE  
d00797 GUAIFENESIN  
d00801 CAFFEINE  
d00802 DOXAPRAM  
d00803 AMPHETAMINE  
d00806 PHENTERMINE  
d00810 DIETHYLPROPION  
d00813 BENZOCAINE TOPICAL  
d00817 HYDROXYCHLOROQUINE  
d00838 BUTORPHANOL  
d00839 NALBUPHINE  
d00840 BUPRENORPHINE  
d00842 SALISALATE  
d00843 SODIUM SALICYLATE  
d00848 DICLOFENAC  
d00851 ETODOLAC  
d00855 PERPHENAZINE  
d00859 MECLIZINE  
d00862 TRIMETHOBENZAMIDE  
d00866 DRONABINOL  
d00867 ONDANSETRON  
d00876 CLOMIPRAMINE  
d00880 SERTRALINE  
d00883 PHENELZINE  
d00890 TRIFLUOPERAZINE  
d00900 METHYLPHENIDATE  
d00907 HYDROXYZINE  
d00910 ZOLPIDEM

d00931 ETOMIDATE  
d00933 PROPOFOL  
d00960 CARISOPRODOL  
d00962 CHLORZOXAZONE  
d00963 CYCLOBENZAPRINE  
d00964 METAXALONE  
d00965 METHOCARBAMOL  
d00966 ORPHENADRINE  
d00967 BACLOFEN  
d00970 TRIHEXYPHENIDYL  
d00978 ALUMINUM HYDROXIDE  
d00982 MAGNESIUM HYDROXIDE  
d00985 HYOSCYAMINE  
d00986 SCOPOLAMINE  
d00992 GLYCOPYRROLATE  
d00999 DICYCLOMINE  
d01002 PANCRELIPASE  
d01003 PANCREATIN  
d01005 URSODIOL  
d01008 MAGNESIUM CITRATE  
d01013 SENNA  
d01015 BISACODYL  
d01017 POLYCARBOPHIL  
d01018 PSYLLIUM  
d01019 MINERAL OIL  
d01021 DOCUSATE  
d01024 LACTULOSE  
d01025 LOPERAMIDE  
d01026 BISMUTH SUBSALICYLATE  
d01027 SIMETHICONE  
d01028 CHARCOAL  
d01031 MESALAMINE  
d01115 BACITRACIN  
d01133 IMMUNE GLOBULIN INTRAVENOUS  
d01139 RHO (D) IMMUNE GLOBULIN  
d01144 ANTIVENIN (CROTALIDAE) POLYVALENT  
d01147 RABIES VACCINE (OBSOLETE)  
d01148 RABIES IMMUNE GLOBULIN, HUMAN  
d01164 INFLUENZA VIRUS VACCINE, INACTIVATED  
d01168 TETANUS TOXOID  
d01171 TUBERCULIN PURIFIED PROTEIN DERIVATIVE  
d01185 APRACLONIDINE OPHTHALMIC  
d01191 PILOCARPINE OPHTHALMIC  
d01200 TROPICAMIDE OPHTHALMIC  
d01201 CYCLOPENTOLATE OPHTHALMIC  
d01215 TRIFLURIDINE OPHTHALMIC  
d01217 TETRACAINE  
d01218 PROPARACAINE OPHTHALMIC  
d01219 FLUORESCEIN OPHTHALMIC  
d01226 HYDROXYPROPYL METHYLCELLULOSE OPHTHALMIC  
d01231 CHLORHEXIDINE TOPICAL  
d01232 CARBAMIDE PEROXIDE TOPICAL  
d01238 TERCONAZOLE TOPICAL

d01241 CLINDAMYCIN TOPICAL  
d01244 TRETINOIN TOPICAL  
d01245 ISOTRETINOIN  
d01246 BENZOYL PEROXIDE TOPICAL  
d01259 SILVER SULFADIAZINE TOPICAL  
d01267 MUPIROCIN TOPICAL  
d01271 ECONAZOLE TOPICAL  
d01272 CICLOPIROX TOPICAL  
d01274 TOLNAFTATE TOPICAL  
d01279 PERMETHRIN TOPICAL  
d01288 CLOBETASOL TOPICAL  
d01290 DESONIDE TOPICAL  
d01294 FLUOCINONIDE TOPICAL  
d01296 FLUTICASONE  
d01298 HALOBETASOL TOPICAL  
d01301 DIBUCAINE TOPICAL  
d01303 PRAMOXINE TOPICAL  
d01307 SALICYLIC ACID TOPICAL  
d01309 PODOFILOX TOPICAL  
d01315 COLLAGENASE TOPICAL  
d01321 CAPSAICIN TOPICAL  
d01322 ALUMINUM CHLORIDE HEXAHYDRATE TOPICAL  
d01348 MEGESTROL  
d01353 LEUPROLIDE  
d01373 HYDROXYUREA  
d01389 DISULFIRAM  
d01393 HYALURONIDASE  
d01406 NALTREXONE  
d01407 FLUMAZENIL  
d01423 POTASSIUM CITRATE  
d01445 BARIUM SULFATE  
d01456 IOHEXOL  
d01461 IOPAMIDOL  
d01469 IOVERSOL  
d01473 DIATRIZOATE  
d02375 PLASMA PROTEIN FRACTION  
d02376 ALBUMIN HUMAN  
d02377 DEXTRAN-1  
d03041 ENOXAPARIN  
d03050 LORATADINE  
d03052 HYDROCHLOROTHIAZIDE-TRIAMTERENE  
d03054 AMYLASE  
d03061 BUTALBITAL  
d03071 DIPHENOXYLATE  
d03075 HYDROCODONE  
d03080 LIPASE  
d03110 DIPHTH;PERTUSSIS, ACEL;TETANUS (OBSOLETE)  
d03126 CALCITRIOL  
d03128 ERGOCALCIFEROL  
d03129 CHOLECALCIFEROL  
d03130 THIAMINE

d03135 PHYTONADIONE  
d03136 VITAMIN A AND D TOPICAL  
d03137 CALCIUM-VITAMIN D  
d03140 MULTIVITAMIN  
d03145 MULTIVITAMIN WITH MINERALS  
d03148 MULTIVITAMIN, PRENATAL  
d03154 DOXYLAMINE  
d03157 PAROXETINE  
d03160 SUMATRIPTAN  
d03162 ETHANOL  
d03165 PIPERACILLIN-TAZOBACTAM  
d03170 FELBAMATE  
d03173 DORNASE ALFA  
d03180 RISPERIDONE  
d03181 VENLAFAXINE  
d03182 GABAPENTIN  
d03189 TORSEMIDE  
d03191 TERBINAFINE TOPICAL  
d03192 ZINC OXIDE TOPICAL  
d03195 MICONAZOLE TOPICAL  
d03197 BETAMETHASONE TOPICAL  
d03200 ERYTHROMYCIN TOPICAL  
d03205 HYDROCORTISONE TOPICAL  
d03206 TRIAMCINOLONE TOPICAL  
d03208 METRONIDAZOLE TOPICAL  
d03210 SELENIUM SULFIDE TOPICAL  
d03211 CIPROFLOXACIN OPHTHALMIC  
d03221 PREDNISOLONE OPHTHALMIC  
d03222 TOBRAMYCIN OPHTHALMIC  
d03227 FLUOROMETHOLONE OPHTHALMIC  
d03238 ETHINYL ESTRADIOL-NORETHINDRONE  
d03242 ETHINYL ESTRADIOL-LEVONORGESTREL  
d03247 HYDROCHLOROTHIAZIDE-SPIRONOLACTONE  
d03258 ATENOLOL-CHLORTHALIDONE  
d03265 BENAZEPRIL-HYDROCHLOROTHIAZIDE  
d03266 HYDROCHLOROTHIAZIDE-LISINOPRIL  
d03301 BROMPHENIRAMINE-PSEUDOEPHEDRINE  
d03302 BROMPHENIRAMINE-PHENYLPROPANOLAMINE  
d03340 HOMATROPINE-HYDROCODONE  
d03356 CHLORPHENIRAMINE-HYDROCODONE  
d03357 CODEINE-PROMETHAZINE  
d03360 DEXTROMETHORPHAN-PROMETHAZINE  
d03368 BROMPHENIRAMINE;DEXTROMETHORPHAN;PSE  
d03369 CHLORPHENIRAMINE;DEXTROMETHORP;PHENYLEPHRINE  
d03379 GUAIFENESIN-PSEUDOEPHEDRINE  
d03393 CODEINE-GUAIFENESIN  
d03400 DEXTROMETHORPHAN-GUAIFENESIN  
d03423 ACETAMINOPHEN-CODEINE  
d03425 ACETAMINOPHEN;BUTALBITAL;CAFFEINE;CODEINE  
d03426 ASPIRIN;BUTALBITAL;CAFFEINE;CODEINE  
d03428 ACETAMINOPHEN-HYDROCODONE  
d03431 ACETAMINOPHEN-OXYCODONE  
d03439 ACETAMINOPHEN;ASPIRIN;CAFFEINE

d03445 ACETAMINOPHEN-DIPHENHYDRAMINE  
d03455 ACETAMINOPHEN;BUTALBITAL;CAFFEINE  
d03473 CARBIDOPA-LEVODOPA  
d03474 ALUMINUM HYDROXIDE-MAGNESIUM HYDROXIDE  
d03478 AL HYDROXIDE;MG HYDROXIDE;SIMETHICONE  
d03485 ATROPINE;HYOSCYAMINE;PB;SCOPOLAMINE  
d03496 DOCUSATE-SENNA  
d03498 CASANTHRANOL-DOCUSATE  
d03506 ATROPINE-DIPHENOXYLATE  
d03524 BACITRACIN;NEOMYCIN;POLYMYXIN B TOPICAL  
d03525 GRAMICIDIN;NEOMYCIN;POLYMYXIN B OPHTHALMIC  
d03536 DEXAMETHASONE-TOBRAMYCIN OPHTHALMIC  
d03546 HYDROCORTISONE-PRAMOXINE TOPICAL  
d03561 BETAMETHASONE-CLOTRIMAZOLE TOPICAL  
d03562 NYSTATIN-TRIAMCINOLONE TOPICAL  
d03600 POTASSIUM BICARBONATE  
d03618 HYOSCYAMINE;METHENAM;M-BLUE;PHENYL SALICYL  
d03623 ACETIC ACID TOPICAL  
d03632 CETYL PYRIDINIUM TOPICAL  
d03634 BENZOCOCAINE-CETYL PYRIDINIUM TOPICAL  
d03640 BUDESONIDE NASAL  
d03641 PETROLATUM TOPICAL  
d03644 LACTOBACILLUS ACIDOPHILUS  
d03647 ISOPROPYL ALCOHOL TOPICAL  
d03649 BENZOIN TOPICAL  
d03653 CALAMINE TOPICAL  
d03655 LIDOCAINE-PRILOCAINE TOPICAL  
d03664 PHENOL TOPICAL  
d03665 MENTHOL TOPICAL  
d03668 METHYL SALICYLATE TOPICAL  
d03669 MENTHOL-METHYL SALICYLATE TOPICAL  
d03680 ASPIRIN;CITRIC ACID;SODIUM BICARBONATE  
d03684 THROMBIN TOPICAL  
d03689 CALCIUM ACETATE  
d03692 BENZYL PENICILLOYL-POLYLYSINE  
d03744 BISOPROLOL-HYDROCHLOROTHIAZIDE  
d03752 TACROLIMUS  
d03756 BACITRACIN TOPICAL  
d03761 LANOLIN TOPICAL  
d03766 ROCURONIUM  
d03768 OCULAR LUBRICANT  
d03775 FAMCICLOVIR  
d03781 ETHINYL ESTRADIOL-NORGESTIMATE  
d03782 DESOGESTREL-ETHINYL ESTRADIOL  
d03783 BUPIVACAINE-EPINEPHRINE  
d03784 EPINEPHRINE-LIDOCAINE  
d03790 POTASSIUM PHOSPHATE  
d03796 MAGNESIUM CHLORIDE  
d03797 MAGNESIUM OXIDE  
d03798 MAGNESIUM GLUCONATE  
d03804 FLUVOXAMINE

d03805 DORZOLAMIDE OPHTHALMIC  
d03806 ALBENDAZOLE  
d03807 METFORMIN  
d03809 LAMOTRIGINE  
d03818 LORATADINE-PSEUDOEPHEDRINE  
d03820 HEPATITIS A VACCINE (OBSOLETE)  
d03821 LOSARTAN  
d03824 FERROUS SULFATE  
d03826 TRAMADOL  
d03827 CETIRIZINE  
d03828 LANSOPRAZOLE  
d03829 AMLODIPINE-BENAZEPRIL  
d03830 HYDROCHLOROTHIAZIDE-LOSARTAN  
d03833 DIVALPROEX SODIUM  
d03838 VALACYCLOVIR  
d03839 MYCOPHENOLATE MOFETIL  
d03843 GADOTERIDOL  
d03847 CARVEDILOL  
d03849 ALENDRONATE  
d03850 BICALUTAMIDE  
d03858 LAMIVUDINE  
d03864 GLIMEPIRIDE  
d03866 CALCIUM CITRATE  
d03873 ANASTROZOLE  
d03879 CANNABIS (SCHEDULE I SUBSTANCE)  
d03882 CEFEPIME  
d03884 TROLAMINE SALICYLATE TOPICAL  
d03894 KAOLIN-PECTIN  
d03897 LACTASE  
d03898 SODIUM CHLORIDE, HYPERTONIC, OPHTHALMIC  
d03927 BACITRACIN OPHTHALMIC  
d03940 BENZOCAINE-DEXTROMETHORPHAN  
d03953 ELECTROLYTE REPLACEMENT SOLUTIONS, ORAL  
d03973 ERYTHROMYCIN OPHTHALMIC  
d03974 GENTAMICIN OPHTHALMIC  
d03976 HYDROCORTISONE OTIC  
d03977 OFLOXACIN OPHTHALMIC  
d03981 TETRACAINE OPHTHALMIC  
d03982 TETRACAINE TOPICAL  
d03990 CARBAMIDE PEROXIDE OTIC  
d03994 COLLOIDAL OATMEAL TOPICAL  
d03998 STERILE WATER  
d04003 HYDROGEN PEROXIDE TOPICAL  
d04010 GEMCITABINE  
d04012 TERBINAFINE  
d04016 IODIXANOL  
d04017 LATANOPROST OPHTHALMIC  
d04025 MIRTAZAPINE  
d04027 MEROPENEM  
d04035 AMPHETAMINE-DEXTROAMPHETAMINE  
d04037 TIMOLOL OPHTHALMIC  
d04038 BETAXOLOL OPHTHALMIC  
d04040 FEXOFENADINE

d04041 FOSPHENYTOIN  
d04047 MIDODRINE  
d04048 BRIMONIDINE OPHTHALMIC  
d04049 AMMONIUM LACTATE TOPICAL  
d04050 OLANZAPINE  
d04057 ZINC SULFATE  
d04058 MELATONIN  
d04066 ALBUTEROL-IPRATROPIUM  
d04068 AZELASTINE NASAL  
d04090 LACTIC ACID TOPICAL  
d04099 DONEPEZIL  
d04101 IVERMECTIN  
d04102 TIZANIDINE  
d04105 ATORVASTATIN  
d04106 FOSFOMYCIN  
d04109 LEVOFLOXACIN  
d04111 GLATIRAMER  
d04113 VALSARTAN  
d04115 TOPIRAMATE  
d04117 OLOPATADINE OPHTHALMIC  
d04121 TAMSULOSIN  
d04123 ZINC ACETATE  
d04125 IMIQUIMOD TOPICAL  
d04134 POLYMYXIN B OPHTHALMIC  
d04145 PRAMIPEXOLE  
d04156 LETROZOLE  
d04159 SORBITOL  
d04160 SODIUM BIPHOSPHATE-SODIUM PHOSPHATE  
d04196 BACITRACIN;HC;NEOMYCIN;POLYMYXIN B TOPICAL  
d04197 HYDROCORTISONE;NEOMYCIN;POLYMYXIN B TOPICAL  
d04208 SILVER NITRATE TOPICAL  
d04215 ROPINIROLE  
d04220 QUETIAPINE  
d04222 IRBESARTAN  
d04223 MOMETASONE NASAL  
d04233 TRIAMCINOLONE NASAL  
d04236 ETHANOL TOPICAL  
d04242 SODIUM CHLORIDE NASAL  
d04248 METHYLCELLULOSE  
d04249 CELLULOSE  
d04256 CEDINIR  
d04258 CLOPIDOGREL  
d04261 RALOXIFENE  
d04270 FEXOFENADINE-PSEUDOEPHEDRINE  
d04274 FOMEPIZOLE  
d04275 BECLOMETHASONE NASAL  
d04276 BUDESONIDE  
d04279 FLUNISOLIDE NASAL  
d04283 FLUTICASONE NASAL  
d04284 FLUTICASONE TOPICAL  
d04286 FENOFLIBRATE

d04289 MONTELUKAST  
d04293 HYDROCHLOROTHIAZIDE-VALSARTAN  
d04294 TOLTERODINE  
d04298 PHENYLEPHRINE TOPICAL  
d04299 SILDENAFIL  
d04301 BRINZOLAMIDE OPHTHALMIC  
d04318 PERTUSSIS, ACCELLULAR  
d04322 CANDESARTAN  
d04327 RIFAPENTINE  
d04328 RIZATRIPTAN  
d04332 CITALOPRAM  
d04337 PRAMOXINE OTIC  
d04342 INFliximab  
d04349 LEFLUNOMIDE  
d04363 SEVELAMER  
d04364 TELMISARTAN  
d04365 ETANERCEPT  
d04369 INSULIN REGULAR  
d04370 INSULIN ISOPHANE (NPH)  
d04373 INSULIN LISPRO  
d04374 INSULIN ISOPHANE-INSULIN REGULAR  
d04378 MODAFINIL  
d04380 CELECOXIB  
d04382 CILOSTAZOL  
d04387 SODIUM FERRIC GLUCONATE COMPLEX  
d04395 CLOTRIMAZOLE TOPICAL  
d04399 NYSTATIN TOPICAL  
d04411 GARLIC  
d04418 GLUCOSAMINE  
d04420 CHONDROITIN-GLUCOSAMINE  
d04427 LEVALBUTEROL  
d04436 MALATHION TOPICAL  
d04437 BALSAM PERU-CASTOR OIL TOPICAL  
d04441 KETOTIFEN OPHTHALMIC  
d04442 PIOGLITAZONE  
d04451 TEMOZOLOMIDE  
d04459 DOFETILIDE  
d04461 EXEMESTANE  
d04462 OSeltamivir  
d04468 CLOVE  
d04476 BILBERRY  
d04499 LEVETIRACETAM  
d04500 MOXIFLOXACIN  
d04505 DEXMEDETOMIDINE  
d04509 HYDROCHLOROTHIAZIDE-QUINAPRIL  
d04513 OXCARBAZEPINE  
d04514 PANTOPRAZOLE  
d04523 UBIQUINONE  
d04527 ZONISAMIDE  
d04532 MELOXICAM  
d04534 LINEZOLID  
d04537 RIVASTIGMINE  
d04538 INSULIN GLARGINE

d04541 AZELASTINE OPHTHALMIC  
d04547 ATOVAQUONE-PROGUANIL  
d04557 CLOBAZAM  
d04611 FLUTICASONE-SALMETEROL  
d04654 DOXYLAMINE-PYRIDOXINE  
d04697 INSULIN ASPART  
d04703 GLYBURIDE-METFORMIN  
d04708 ZOLEDRONIC ACID  
d04717 LOPINAVIR-RITONAVIR  
d04725 IRON SUCROSE  
d04726 5-HYDROXYTRYPTOPHAN  
d04740 TACROLIMUS TOPICAL  
d04747 ZIPRASIDONE  
d04749 ESOMEPRAZOLE  
d04753 TRAVOPROST OPHTHALMIC  
d04754 BIMATOPROST OPHTHALMIC  
d04757 ALMOTRIPTAN  
d04759 DROSPIRENONE  
d04760 DROSPIRENONE-ETHINYL ESTRADIOL  
d04764 CETIRIZINE-PSEUDOEPHEDRINE  
d04766 ACETAMINOPHEN-TRAMADOL  
d04771 DARBEPOETIN ALFA  
d04772 ETONOGESTREL  
d04773 ETHINYL ESTRADIOL-ETONOGESTREL  
d04774 TENOFOVIR  
d04776 FROVATRIPTAN  
d04777 DEXMETHYLPHENIDATE  
d04779 ETHINYL ESTRADIOL-NORELGESTROMIN  
d04783 ERTAPENEM  
d04784 PIMECROLIMUS TOPICAL  
d04785 DESLORATADINE  
d04786 FONDAPARINUX  
d04788 DUTASTERIDE  
d04796 PERFLUTREN  
d04798 TEGASEROD  
d04801 OLMESARTAN  
d04812 ESCITALOPRAM  
d04815 EPLERENONE  
d04819 BUPRENORPHINE-NALOXONE  
d04824 EZETIMIBE  
d04825 ARIPIPRAZOLE  
d04827 ATOMOXETINE  
d04829 TIOTROPIUM  
d04835 ADALIMUMAB  
d04836 CYCLOSPORINE OPHTHALMIC  
d04844 CAMPHOR-MENTHOL TOPICAL  
d04849 ELETRIPTAN  
d04851 ROSUVASTATIN  
d04880 BROMPHENIRAMINE;HYDROCODONE;PSEUDOEPHEDRINE  
d04890 CIPROFLOXACIN-DEXAMETHASONE OTIC  
d04894 DAPTOMYCIN

d04896 TADALAFIL  
d04899 MEMANTINE  
d04921 TETANUS-DIPHTH TOXOIDS (TD) ADULT;ADOL  
d04929 TROSPiUM  
d04935 TiNIDAZOLE  
d05217 MYCOPHENOLIC ACID  
d05218 CINACALCET  
d05225 LACTOBACILLUS RHAMNOSUS  
d05265 NEBIVOLOL  
d05278 INSULIN GLULISINE  
d05283 BRIMONIDINE-TIMOLOL OPHTHALMIC  
d05294 RIFAXIMIN  
d05337 PNEUMOCOCCAL 23-POLYVALENT VACCINE  
d05338 DIPHTHERIA-TETANUS TOXOIDS (DT) PED  
d05346 GADOBUTROL  
d05348 EZETIMIBE-SIMVASTATIN  
d05350 POLYETHYLENE GLYCOL 3350  
d05352 EMTRICITABINE-TENOFOVIR  
d05355 DULOXETINE  
d05357 IBANDRONATE  
d05366 ACETAMINOPHEN;DEXTROMETHORPHAN;DOXYLAMINE  
d05413 SOLIFENACIN  
d05421 ESZOPICLONE  
d05428 GADOBENATE DIMEGLUMINE  
d05432 MENINGOCOCCAL CONJUGATE VACCINE  
d05435 CITRIC ACID;MG OXIDE;NA PICOSULFATE  
d05436 INSULIN DETEMIR  
d05508 PREGABALIN  
d05518 BROMFENAC OPHTHALMIC  
d05525 ENTECAVIR  
d05529 EXENATIDE  
d05541 LIDOCAINE-TETRACAIN TOPICAL  
d05578 RAMELTEON  
d05646 SACCHAROMYCES BOULARDII LYO  
d05649 CEFTRIAXONE-LIDOCAINE  
d05659 DEFERASIROX  
d05694 ABATACEPT  
d05706 IVABRADINE  
d05719 RANOLAZINE  
d05736 LUBIPROSTONE  
d05776 IODINE  
d05781 TETANUS;DIPHTH;PERTUSS (TDAP) ADULT;ADOL  
d05807 VARENICLINE  
d05815 FLUORESCEIN  
d05825 DARUNAVIR  
d05831 DASATINIB  
d05851 LEVOCETIRIZINE  
d05869 PROTHROMBIN COMPLEX  
d05887 SULFUR HEXAFLUORIDE  
d05893 ARFORMOTEROL  
d05896 SITAGLIPTIN  
d06297 PALIPERIDONE  
d06307 GADOTERATE MEGLUMINE

d06370 TURMERIC  
d06418 SODIUM SULFATE  
d06507 CINNAMON  
d06643 STIRIPENTOL  
d06663 LISDEXAMFETAMINE  
d06842 ARMODAFINIL  
d06848 LUTEIN  
d06860 OXYGEN  
d06864 HELIUM-OXYGEN  
d06867 BIOTIN  
d06892 PEPPERMINT OIL  
d07048 RALTEGRAVIR  
d07113 DESVENLAFAXINE  
d07118 TARTARIC ACID  
d07131 REGADENOSON  
d07135 METHYLNALTREXONE  
d07137 DABIGATRAN  
d07162 FESOTERODINE  
d07225 CIPROFLOXACIN-FLUOCINOLONE OTIC  
d07312 CLEVIDIPINE  
d07347 BIFIDOBACTERIUM INFANTIS  
d07349 LACOSAMIDE  
d07356 RIVAROXABAN  
d07385 HEPARIN FLUSH  
d07395 DEXLANSOPRAZOLE  
d07396 USTEKINUMAB  
d07397 FEBUXOSTAT  
d07409 PRASUGREL  
d07448 BESIFLOXACIN OPHTHALMIC  
d07458 DRONEDARONE  
d07466 LIRAGLUTIDE  
d07473 ASENAPINE  
d07478 TAFLUPROST OPHTHALMIC  
d07491 DIPHENHYDRAMINE;LIDOCAINE;NYSTATIN TOPICAL  
d07495 ULIPRISTAL  
d07505 COPPER  
d07507 ESLICARBAZEPINE  
d07541 PRUCALOPRIDE  
d07559 ARTESUNATE  
d07571 MEPOLIZUMAB  
d07578 LEVOMEFOLATE CALCIUM  
d07586 PNEUMOCOCCAL 13-VALENT CONJUGATE VACCINE  
d07637 PITAVASTATIN  
d07640 DENOSUMAB  
d07660 FORMOTEROL-MOMETASONE  
d07684 ROFLUMILAST  
d07685 CARBOXYMETHYLCELLULOSE  
d07705 LURASIDONE  
d07706 CEFTAROLINE  
d07721 TICAGRELOR  
d07727 PENICILLIN G BENZATHINE

d07740 VILAZODONE  
d07756 BELIMUMAB  
d07767 LINAGLIPPTIN  
d07796 EMTRICITABINE;RILPIVIRINE;TENOFOVIR  
d07804 APIXABAN  
d07815 AFLIBERCEPT OPHTHALMIC  
d07832 MAGNESIUM GLYCINATE  
d07876 MIRABEGRON  
d07899 COBICISTAT;ELVITEGRAVIR;EMTRICITABINE;TENOFOV  
d07902 LINACLOTIDE  
d07904 PERAMPANEL  
d07921 CAPSAICIN-MENTHOL TOPICAL  
d07928 DAPAGLIFLOZIN  
d07963 ALOGLIPTIN  
d08054 INSULIN DEGLUDEC  
d08086 BRIMONIDINE-BRINZOLAMIDE OPHTHALMIC  
d08100 FLUTICASONE-VILANTEROL  
d08117 DOLUTEGRAVIR  
d08125 VORTioxETINE  
d08170 IBRUTINIB  
d08187 UMECLIDINIUM  
d08188 UMECLIDINIUM-VILANTEROL  
d08245 DAPAGLIFLOZIN-METFORMIN  
d08247 APREMILAST  
d08259 LIDOCAINE-MENTHOL TOPICAL  
d08268 EFINACONAZOLE TOPICAL  
d08275 EMPAGLIFLOZIN  
d08281 SUVOREXANT  
d08289 NALOXEGOL  
d08290 DULAGLUTIDE  
d08344 EMPAGLIFLOZIN-LINAGLIPPTIN  
d08362 OLODATEROL-TIOTROPIUM  
d08368 SACUBITRIL  
d08369 SACUBITRIL-VALSARTAN  
d08373 BREXPIPRAZOLE  
d08377 FLIBANSERIN  
d08379 CARIPRAZINE  
d08421 BACILLUS COAGULANS  
d08425 IXEKIZUMAB  
d08433 PIMAVANSERIN  
d08510 CRISABOROLE TOPICAL  
d08521 PLECANATIDE  
d08549 DUPILUMAB  
d08568 BARICITINIB  
d08666 FLUTICASONE;UMECLIDINIUM;VILANTEROL  
d08688 SEMAGLUTIDE  
d08736 BICTEGRAVIR;EMTRICITABINE;TENOFOVIR  
d08738 COBICISTAT;DARUNAVIR;EMTRICITABINE;TENOF  
d08796 ERENUMAB  
d08797 SODIUM ZIRCONIUM CYCLOSILICATE  
d08872 DORAVIRINE  
d08897 FREMANEZUMAB  
d08919 CANNABIDIOL

d08941 GALCANEZUMAB  
d09220 CHLOPHEDIANOL;PSEUDOEPHEDRINE;PYRILAMINE  
d09350 UPADACITINIB  
d09467 UBROGEPAINT  
d09516 RIMEGEPANT  
d09540 REMDESIVIR  
d09617 BUDESONIDE;FORMOTEROL;GLYCOPYRROLATE  
d09654 CABOTEGRAVIR-RILPIVIRINE  
d09667 SARS-COV-2 (COVID-19) mRNA-1273 VACCINE  
d09668 SARS-COV-2 MRNA (TOZINAMERAN) VACCINE  
d09678 BAMLANIVIMAB  
d09705 VERICIGUAT  
d09714 CASIRIVIMAB-IMDEVIMAB  
d09747 SOTROVIMAB  
d09837 MOLNUPIRAVIR  
d09840 NIRMATRELVIR-RITONAVIR  
d09854 BEBTELOVIMAB  
d09892 TIRZEPATIDE  
d09893 TECOVIRIMAT  
n00008 LIDOCAINE;BUPIVACAINE;EPINEPHRINE  
n08012 PACKED RED BLOOD CELLS  
n08053 ECZEMA CREAM  
n08061 PYRIDINE  
n08247 METHYLENE BLUE;GENTIAN VIOLET TOPICAL  
n08259 HONEY, TOPICAL  
n09001 RADIOCONTRAST AGENTS  
n09059 GADOLINIUM  
n09135 LIDOCAINE;EPINEPHRINE;TETRACAIN  
n09189 RIVAROXABAN  
n10000 ELDERBERRY JUICE  
n11015 HYPOCHLOROUS ACID  
n14010 ABACAVIR;DOLUTEGRAVIR;LAMIVUDINE  
n16000 COVID-19 VACCINE, UNSPECIFIED  
n16004 DULAGLUTIDE  
n16005 CILNIDIPINE  
n16010 PATIROMER

**B. DRUG ENTRY CODES AND NAMES IN NUMERIC ORDER**

00002	TAMIFLU	00295	ACETAZOLAMIDE
00004	LIDODERM PATCH	00305	ACETIC ACID
00009	BICILLIN L-A	00316	LEFLUNOMIDE
00013	MYCOPHENOLATE MOFETIL	00320	ACETONE
00032	EXCEDRIN MIGRAINE	00338	ACETYLCYSTEINE
00036	MAALOX PLUS	00341	TDAP
00042	PROTONIX	00358	FLORINEF
00043	D-50-W	00361	FLOVENT HFA
00048	MOBIC	00414	DOXAPRAM
00052	SILDENAFIL CITRATE	00486	ACTIVASE
00053	TAMSULOSIN HYDROCHLORIDE	00535	ADENOSINE
00059	RHO IMMUNE GLOBULIN	00560	ADRENALIN
00071	CERTAVITE	00597	ADVIL
00076	TRILEPTAL	00645	AFRIN
00080	CARBIDOPA-LEVODOPA	00785	ALCAINE
00081	EXELON	00790	ALCOHOL
00084	PREGABALIN	00800	ALCOHOL ISOPROPYL
00101	ISOSORBIDE DINITRATE	00805	ALCOHOL RUBBING
00102	ISOSORBIDE MONONITRATE	00830	ALDACTONE
00109	URSODIOL	00880	ALKA-SELTZER
00117	CRANBERRY	01002	NEXIUM
00122	GATORADE	01003	ANAPROX DS
00123	NICOTINE	01012	BUDESONIDE
00133	CANDESARTAN	01017	BACTRIM DS
00150	NICODERM CQ PATCH	01020	OPTIVAR
00159	KALETRA	01021	BUTORPHANOL TARTRATE
00161	BISOPROLOL	01022	METOPROLOL TARTRATE
00164	FIBRINOGEN (HUMAN)	01024	RABAVERT
00167	NOVOLIN N	01029	EFFEXOR XR
00169	KETOROLAC TROMETHAMINE	01030	ALLOPURINOL
00176	PREDNISOLONE ACETATE	01034	ADVAIR DISKUS
00184	KEPPRA	01036	GEODON
00195	TEMOZOLOMIDE	01038	HALDOL DECANOATE
00198	ENOXAPARIN SODIUM	01043	ZIPRASIDONE HCL
00200	MEPERIDINE HCL	01044	Z-PAK
00208	CELECOXIB	01050	TOLTERODINE TARTRATE
00213	PANTOPRAZOLE SODIUM	01053	AMPICILLIN AND SULBACTAM
00218	CARBAMIDE PEROXIDE	01055	ORAPRED
00224	MILK AND MOLASSES ENEMA	01057	DETROL LA
00233	CONCERTA	01064	WELLBUTRIN SR
00239	FEMHRT	01084	LUMIGAN
00240	ACEPHEN	01087	PROTOPIG
00253	LISPRO	01094	CARDIZEM CD
00254	CARTIA XT	01106	LUTEIN
00259	FML	01111	TRAVATAN
00260	ACETAMINOPHEN	01116	ZYVOX
00268	MOMETASONE FUROATE	01119	INDERAL LA
00269	SUCCINYLCHOLINE CHLORIDE	01124	ULTRACET
00274	QVAR	01160	D5NS
00280	ACETAMINOPHEN W/CODEINE	01178	PODOFILOX
00283	ACETAMINOPHEN W/OXYCODONE	01193	HALOPERIDOL DECONATE

01196 MOXIFLOXACIN	02104 MAGNESIUM HYDROXIDE
01197 AMBISOME	02119 LEXAPRO
01206 COENZYME Q10	02127 BANANA BAG
01207 LITHIUM CARBONATE	02128 BENZONATATE
01214 LANTUS	02131 ESOMEPRAZOLE MAGNESIUM
01216 OXCARBAZEPINE	02137 ZYPREXA ZYDIS
01222 NORDITROPIN	02140 THIAMINE HCL
01223 ALUMINUM CHLORIDE	02146 ADOXA
01225 ALUMINUM HYDROXIDE	02158 ANTIBIOTIC AGENT
01228 BECLOMETHASONE DIPROPIONATE	02176 ALPHA LIPOIC ACID
01242 CEFAZOLIN SODIUM	02186 ORTHO EVRA
01246 RIZATRIPTAN BENZOATE	02187 ALPHAGAN P
01248 METERED DOSE INHALER	02189 GLUCOPHAGE XR
01259 MILK THISTLE	02203 ABILIFY
01264 DEPACON	02204 BILBERRY EXTRACT
01266 INSULIN GLARGINE	02209 NOVOLOG
01275 ZONISAMIDE	02213 ELIDEL
01281 ADDERALL XR	02223 ZETIA
01282 LATANOPROST	02231 ADALAT CC
01290 AMANTADINE	02244 CALAN SR
01292 CALCIUM POLYCARBOPHIL	02247 FLOXIN OTIC
01297 NICOTINE GUM	02249 PEPCID AC
01307 DORZOLAMIDE AND TIMOLOL	02250 ANTIVERT
01312 CETYL PYRIDINIUM CHLORIDE	02256 ESCITALOPRAM OXALATE
01378 AMIDATE	02279 PULMICORT
01530 AMITRIPTYLINE	02311 PIOGLITAZONE HCL
01563 AMMONIA INHALANTS	02315 ANUSOL-HC
01570 AMMONIUM CHLORIDE	02333 ROXICODONE
01630 AMOXICILLIN	02405 APRESOLINE
01640 AMOXIL	02465 AQUAMEPHYTON
01660 AMPHETAMINE	02470 AQUAPHOR
01685 AMPICILLIN	02485 AQUASOL A
01775 ANALGESIC	02555 ARGinine
01838 ANAPROX	02627 ARMOUR THYROID
01865 ANCEF	02645 ARTANE
01975 ANECTINE	02705 ASCORBIC ACID
01983 ANESTHETIC	02805 ASPIRIN
02016 CLARINEX	02875 ATARAX
02018 FOCALIN	02900 ATIVAN
02026 YASMIN	02940 ATROVENT
02027 GLUCAGEN	02982 ATROVENT
02036 EXTRA STRENGTH TYLENOL	03002 AVODART
02037 LEVETIRACETAM	03012 DEPAKOTE SPRINKLE
02042 DUONEB	03039 IMODIUM A-D
02054 TRIMETHOPRIM SULFATE/POLYMYXIN B SULFAT	03044 RENAL CAPS
02061 GUAIFENESIN/PSEUDOEPHEDRINE	03046 NEPRO
02077 MEROPENEM	03050 AVEENO
02079 NITROGLYCERIN SUBLINGUAL	03055 AVEENO LOTION
02083 UNITHROID	03056 CITROMA
02099 DEPAKOTE ER	03079 CROFAB
	03080 STRATTERA

03081 AMOXICILLIN AND CLAVULANATE POTASSIUM	04014 ARIPIPRAZOLE
03091 AZELASTINE HCL	04041 ALBUTEROL/ATROVENT
03099 CILOSTAZOL	04042 SPIRIVA
03104 METROCREAM	04044 CIPROFLOXACIN EYE SOLUTION
03115 AYR SALINE MIST	04051 CYMBALTA
03117 AZACTAM	04058 DIALYVITE
03123 AZATHIOPRINE	04059 DOCUSATE -SENNNA
03134 RESTASIS	04070 BENZOIN
03142 NIFEDIPINE ER	04079 GLYCOLAX
03156 BUPROPION SR	04088 BENZOYL PEROXIDE
03161 MICROGESTIN FE	04093 JUVEN
03173 BIOGLO	04114 VYTORIN
03184 WELLBUTRIN XL	04120 BETADINE
03187 CRESTOR	04146 EZETIMIBE
03188 MUCINEX	04175 METFORMIN HYDROCHLORIDE ER
03192 VIGAMOX	04176 SENNA-S
03201 MEMANTINE	04204 CARMEX
03211 CIALIS	04235 BICILLIN
03226 ENALAPRIL MALEATE	04246 FLORASTOR
03229 RED YEAST RICE	04266 GARLIC OIL
03237 ATOMOXETINE HCL	04292 SENSI PAR
03269 SEASONALE	04299 TURMERIC
03272 METOPROLOL SUCCINATE	04307 SENNOSIDES
03273 NOVOLIN R	04320 ATENOLOL/CHLORTHALIDONE
03276 SUBOXONE	04344 HYPMELLOSE
03283 CEFDINIR	04345 BIOTIN
03296 IVERMECTIN	04370 BISACODYL
03309 PROVENTIL HFA	04393 TRUVADA
03318 HEPARIN SODIUM	04396 POLYCARBOPHIL
03319 TRAMADOL HCL	04421 ERTAPENEM
03321 TRIMETHOPRIM SULFATE	04422 BABY SHAMPOO
03327 BIMATOPROST	04423 LETROZOLE
03329 FERRLECIT	04424 TRIFLURIDINE
03332 BENADRYL ALLERGY	04440 BISMUTH SUBSALICYLATE
03359 MODAFINIL	04448 AMMONIUM LACTATE
03368 LINEZOLID	04473 IOPAMIDOL
03371 ALTEPLASE	04488 ELETRIPTAN HYDROBROMIDE
03381 MELOXICAM	04491 SYMBICORT
03392 TYLENOL ELIXIR	04529 METHYLPREDNISOLONE SODIUM SUCCINATE
03410 BACITRACIN	04535 BARIUM SULFATE
03411 FLAX SEED	04536 ABX OINTMENT
03421 DARBEPOETIN ALFA	04556 SEVELAMER HYDROCHLORIDE
03423 BACLOFEN	04576 DULOXETINE
03424 BACTERIOSTATIC WATER FOR IRRIG	04589 TIOTROPIUM BROMIDE
03430 BACTRIM	04612 IRON SUCROSE
03434 HYOSCYAMINE	04617 ACCUNEB
03438 BACTROBAN	04622 EXEMESTANE
03442 SILVASORB	04649 MYFORTIC
03700 BECLOMETHASONE	04650 BRETHINE
03905 BENADRYL	04664 MIRENA
04000 BENTYL	04679 STATINS
04011 NAMENDA	04680 MAGNOX

04684 S-ADENOSYL-L-METHIONINE	05663 CARAFATE
04803 BROMFED	05680 CARBAMAZEPINE
04820 BROMPHEN	05789 CARDIZEM
05012 PRESERVISION	05810 CARISOPRODOL
05024 BUMEX	05820 CARMOL
05033 LUNESTA	05895 CATAPRES
05035 BUPIVACAINE	05983 CEFADROXIL
05051 VESICARE	05993 CEFTIN
05054 SUBUTEX	05995 CEFAZOLIN
05081 OXYIR	06004 FOCALIN XR
05095 BUTALBITAL	06017 AMLODIPINE/BENAZEPRIL
05097 LYRICA	06064 GLYBURIDE/METFORMIN
05106 GLIPIZIDE ER	06068 ANASTROZOLE
05154 TECHNETIUM TC 99M MERTIATIDE INJECTION	06074 ZOLEDRONIC ACID
05171 PRAMOTIC OTIC DROPS	06091 RALLY PACK
05172 SULFUR HEXAFLUORIDE	06092 ACETADOTE
05194 DUTASTERIDE	06100 CENTRUM
05197 LOSARTAN-HCTZ	06115 CEPACOL ANESTHETIC TROCHE
05198 TEGASEROD	06121 RANEXA
05207 CEFUROXIME AXETIL	06122 RIFAXIMIN
05212 FROVATRIPTAN	06125 CEPHALEXIN
05218 CICLOPIROX	06128 CEPHALOSPORINS
05223 HOMATROPINE-HYDROCODONE	06129 ADACEL
05224 FLUORETS	06138 BOOSTRIX
05240 ISOTRETINOIN	06162 CEFUROXIME
05244 ROZEREM	06164 LEVEMIR
05261 SOLIFENACIN	06176 OLOPATADINE
05265 CAFFEINE	06193 JANUVIA
05273 ANTIZOL	06194 REVATIO
05280 CAFFEINE CITRATED	06202 RIVASTIGMINE
05291 LIDOCAINE/PRILOCAINE	06229 DAPTOMYCIN
05308 MUCINEX DM	06242 LEVSIN/SL
05314 CATHFLO ACTIVASE	06247 FLECAINIDE
05320 CALAMINE	06249 SALONPAS
05324 EPLERENONE	06253 JUNEL FE
05327 SPRINTEC	06260 CHARCOAL
05331 COMMIT	06291 TELMISARTAN
05335 CALAMINE LOTION	06302 OLMESARTAN
05337 LOFIBRA	06324 CLOBAZAM
05338 FLUTICASON-SALMETEROL	06374 CHILDREN'S TYLENOL
05341 DROSPIRENONE	06465 CHLORAMPHENICOL
05347 CALAN	06470 CHLORASEPTIC
05375 CALCIFEROL	06495 CHLORDIAZEPOXIDE
05393 CALCITONIN	06580 CHLOROQUINE
05395 CALCIUM ACETATE	06620 CHLORPROMAZINE
05405 CALCIUM CARBONATE	06645 CHLORTHALIDONE
05415 CALCIUM	06800 CHRONULAC SYRUP
05418 CALCIUM CHLORIDE	06815 CIMETIDINE
05430 CALCIUM GLUCONATE	06839 CIPRO
05648 CAPOTEN	06905 CLEOCIN
	06913 CLEOCIN T

06920 CLINDAMYCIN	07760 CORTEF
06925 CLINDAMYCIN (PHOSPHATE)	07778 CORTICOTROPIN
06980 CLONAZEPAM	07780 CORTIFOAM
06985 CLONIDINE	07920 COUGH SYRUP
07001 OSELTAMIVIR	07930 COUMADIN
07002 FONDAPARINUX	07997 CREON
07003 CLOTRIMAZOLE	08006 TAMSULOSIN
07005 CLOVE OIL	08009 INSULIN N
07018 ORENCEA	08015 CROMOLYN
07023 PROBIOTIC ACIDAPHILES	08032 BYSTOLIC
07049 APIDRA	08047 LIALDA
07067 CO-TRIMOXAZOLE	08058 PRENATAL
07076 INVEGA	08061 TENOFOVIR
07079 BROVANA	08066 IOHEXOL
07090 BANOPHEN	08067 BICARB
07096 FLUTICASONE PROPIONATE	08074 PIPERACILLIN TAZOBACTAM
07106 CINNAMON	08077 ESOMEPRAZOLE
07144 PROAIR HFA	08084 LIDOGEN
07150 COD LIVER OIL	08090 CYANOCOBALAMIN
07170 BENAZEPRIL- HYDROCHLOROTHIAZIDE	08097 EMTRICITABINE/TENOFOVIR
07180 CODEINE	08140 CYCLOGYL
07182 PATADAY	08147 MICRO-K
07199 SILICONE GEL	08149 ADVAIR
07228 THERA-M	08161 ROUVASTATIN
07250 COGENTIN	08179 SANCTURA XR
07251 PERCOSET 10	08180 CYPROHEPTADINE
07265 COLACE	08196 ECZEMA CREAM
07275 COLCHICINE	08202 ALBUTEROL/IPRATROPIUM
07332 POLYVINYL ALCOHOL	08204 Tadalafil
07337 RACEPINEPHRINE	08209 MUCINEX D
07342 SENOKOTXTRA	08212 SEROQUEL XR
07366 VITAMIN D3	08219 SUDOGEST
07371 CARBOXYMETHYLCELLULOSE	08222 SALINE LOCK
07386 BARACLUDGE	08224 CITRANATAL
07388 ENDOMENTRIN	08226 PYRIDINE
07393 CLINDAMYCIN TOPICAL	08230 CYTOMEL
07406 VYVANSE	08234 PRISTIQ
07412 ASA	08286 MULTIHANCE
07422 SACCHAROMYCES BOULARDII	08293 SITAGLIPTIN
07450 PREZISTA	08303 BACITRACIN ZINC
07470 COMPAZINE	08304 BROMPLEX HD
07481 XYZAL	08307 ATROPINE/HYOSCYAMINE/ PB/SCOPOL
07534 ETONOGESTREL	08317 BACITRACIN W/NEOSPORIN
07576 ALIGN	08340 D-50
07606 CALPHRON	08341 CALCIUM CARBONATE W/VIT D
07616 DERMABOND	08343 OCEAN NASAL SPRAY
07622 FLUARIX	08351 IRON SULFATE
07652 ETHINYL ESTRADIOL-NORETHINDRONE	08378 VARENICLINE
07688 INSULIN ASPART	08413 LACTAID
07706 MYCOPHENOLIC ACID	08418 POLYMYXIN B SULFATE DROPS
07755 CORTAID	08426 DOXYLAMINE
	08429 RHOPHYLAC

08432 NOVOLOG FLEXPEN  
08440 DAPSONE  
08452 TUSSIONEX PENN KINETIC  
08481 ADIPEX-P  
08497 CENTRUM D  
08513 OPHTHALMIC SOLUTION  
08535 DDAVP  
08547 PCV  
08552 PEG 3350  
08565 DEBROX  
08585 DECADRON  
08591 ISENTRESS  
08592 NEBIVOLOL  
08595 DECADRON PHOSPHATE  
08611 BENZAC AC  
08619 Raltegravir  
08637 IODIXANOL  
08667 IBANDRONATE  
08670 DECONGESTANT  
08678 BRINZOLAMIDE  
08679 GLATIRAMER  
08688 REGADENOSON  
08692 MEDIHONEY  
08753 DELSYM  
08770 DELTASONE  
08835 DEPAKENE  
08836 DEPAKOTE  
08865 DEPO-MEDROL  
08870 DEPO-PROVERA  
09000 DERMOPLAST  
09002 CONTRAST  
09025 DESITIN  
09038 TOPICAL SKIN CREAM  
09039 HYDROFERA BLUE  
09075 DEXAMETHASONE  
09077 GADOLINIUM  
09080 DEXAMETHASONE ACETATE  
09090 DEXAMETHASONE SODIUM  
09095 DEXAMETHASONE SODIUM  
  PHOSPHATE  
09122 ULORIC  
09149 INSULIN R  
09151 STEROID  
09157 CELLULOSE OXIDIDE  
09174 PRECEDEX  
09175 DEXTROSE  
09199 LACOSAMIDE  
09213 ESZOPICLONE  
09224 HEMATOMA BLOCK  
09229 SULFONAMIDE  
09230 CEFTRIAXONE W/LIDOCAINE  
09237 DEXLANSOPRAZOLE  
09253 EPIPEN JR  
09270 SILVER ALGINATE  
09297 VALSARTAN/  
  HYDROCHLOROTHIAZIDE  
09301 ANXIOLYTIC  
09305 DIAMOX  
09318 MYCOLOG II  
09319 DOCOSAHEXAENOIC  
09326 METFORMIN ER  
09327 LEXISCAN  
09329 URO-JET  
09334 PALIPERIDONE  
09344 PACKED RED BLOOD CELLS  
09361 PRENATAL AD  
09364 DROSPIRENONE/ETHINYLM  
  ESTRADIOL  
09365 DIATRIZOATE  
09366 ANTIBACTERIAL SOAP  
09370 DIAZEPAM  
09377 Z-PACK  
09378 MAALOX MAX  
09384 DEXMETHYLPHENIDATE  
09390 DIBUCAINE  
09391 SAPHRIS  
09392 LET GEL  
09396 INTUNIV  
09417 THERA-M PLUS  
09453 FELODIPINE ER  
09455 DICYCLOMINE  
09481 MENTHOL/METHYL SALICYLATE  
09495 DIETHYLPROPION  
09522 TOPEX  
09545 DIGOXIN  
09551 POSIFLUSH  
09562 DEXTROMETHORPHAN/GUAIFENSIN  
09576 POTASSIUM CITRATE  
09577 NYQUIL  
09579 DESOGESTREL ETHINYLM-ESTRADIOL  
09581 ALMOTRIPTAN  
09583 LANTUS SOLOSTAR  
09585 DILANTIN  
09587 BUPROPION XL  
09589 PROPRANOLOL ER  
09598 EYE LUBRICANT  
09600 DILAUDID  
09601 RENVELA  
09603 RAMELTEON  
09609 DOFETILIDE  
09614 ZOLPIDEM

09621	NIFEDIPINE XL	10113	NERVE BLOCK
09624	CLOBETASOL PROPIONATE	10121	DULERA
09648	RELISTOR	10123	VICTOZA
09655	IV FLUIDS	10126	DOLOBID
09657	LIDOCAINE/TETRACAIN	10131	OCTAGAM
09667	DEXMEDETOMIDINE	10149	LIDOCAINE/EPINEPHRINE/MARCAINE
09669	XYLOCAINE-MPF	10157	MINERAL OIL ENEMA
09687	TESTOSTERONE CYPIONATE	10161	ETHANOL
09718	EXENATIDE	10166	BUPRENORPHINE-NALOXONE
09721	UBIDECARENONE	10169	MCV4
09722	CHOLECALCIFEROL	10181	LISDEXAMFETAMINE
09729	MALATHION	10192	SALINE FLUSH
09734	ASPIRIN/ACETAMINOPHEN/CAFFEINE	10210	DONNATAL
09741	FEROSUL	10225	DOPAMINE
09760	KETOTIFEN FUMARATE	10231	NEOMYCIN/POLYMYXIN B/HYDROCORTISONE
09772	TOVIAZ	10234	USTEKINUMAB
09783	INSULIN 70/30	10238	BUTALBITAL-ASA-CAFFEINE- CODEINE
09787	HYDROCORTISONE OTIC	10241	GADOTERIDOL
09789	PERFLUTREN	10248	FEXOFENADINE-PSEUDOEPHEDRINE
09809	ASPIR-LOW	10251	TROSPiUM
09827	GADOBENATE DIMEGLUMINE	10256	NICOTINE POLACRILEX
09834	DITROPAN XL	10262	HYDROCORTISONE-PRAMOXINE
09848	ACELLULAR PERTUSSIS	10272	STELARA
09849	ENALAPRILAT	10299	IMMUNOGLOBULIN
09850	DIPHENHYDRAMINE	10301	VITAMIN D2
09867	POTASSIUM BICARBONATE	10307	NASAL IRRIGATION
09876	POWERADE	10316	PCV 13
09880	DIPHENOXYLATE HCL & ATROPINE SULFATE	10322	HYDROCHLOROTHIAZIDE/ TRIAMTERENE
09882	DEXTROMETHORPHAN	10325	DOXEPI
09888	INSULIN DETEMIR	10328	BRIMONIDINE-TIMOLOL
09899	MEPILEX AG	10337	ADALIMUMAB
09902	GENTEAL PF	10355	DOXYCYCLINE
09910	VIMPAT	10356	PRADAXA
09924	DRONEDARONE	10360	DOXYLAMINE SUCCINATE & PYRIDOXINE HCL
09928	DASATINIB	10368	LEVOSETIRIZINE DIHYDROCHLORIDE
09931	ETHINYL ESTRADIOL/ LEVONORGESTREL	10389	DEXTROAMPHETAMINE/ AMPHETAMINE
09944	RANOLAZINE	10393	LORATADINE-PSEUDOEPHEDRINE
09954	DIVALPROEX	10399	CIPROFLOXACIN-DEXAMETHASONE
09958	RIVAROXABAN	10437	PRASUGREL
09964	DISTAT ACUDIAL	10440	DRISDOL
09975	DISULFIRAM	10464	EMU OIL
09979	SODIUM POLYSTYRENE SULFONATE	10496	PROHANCE
09995	DITROPAN	10500	DROPERIDOL
10003	ELDERBERRY JUICE	10518	DRYSOL
10025	DIURIL	10526	INSULIN ISOPHANE AND REGULAR
10028	INVEGA SUSTENNA	10528	PRORENAL
10053	SE-NATAL	10575	DULCOLAX
10055	DOBUTREX		
10064	UBIQUINONE		
10078	DIGITAL NERVE BLOCK		
10087	DOCUSATE		

10800 DURICEF	12031 OXYMETAZOLINE
10815 DYAZIDE	12034 PANTOPRAZOLE
10865 DYRENIUM	12036 PARAGARD
10975 ECOTRIN	12042 ASPIR 81
11065 ELAVIL	12046 PERCOCET
11093 RECOETHROM	12056 POLYMYXIN B-TRIMETHOPRIM
11096 BESIFLOXACIN	12057 TUBERCULIN PURIFIED PROTEIN DERIVATIVE
11128 PROLIA	12060 BENZOCAINE/DEXTROMETHORPHAN
11130 ELECTROLYTE	12062 BIRTH CONTROL PILLS
11142 LATUDA	12071 CHERATUSSIN AC
11143 VIIBRYD	12078 EYE PREPARATION
11152 ELOCON	12082 PROMETHAZINE DM
11160 CLEARLAX	12088 ROBITUSSIN DM
11161 CEFTAROLINE	12090 ROMYCIN
11171 DEFINITY	12096 SALINE MIST
11172 OPTISON	12104 SINUS RINSE
11197 LURASIDONE	12106 SYSTANE ULTRA
11224 OFIRMEV	12108 DILTIAZEM ER
11228 QUINAPRIL-HCTZ	12116 FESOTERODINE
11281 SUPPLEMENTAL SHAKES	12122 GUAIFENESIN DM
11309 OCULAR LUBRICANT	12123 ZYRTEC-D
11354 BUDESONIDE-FORMOTEROL	12149 CORTISPORIN
11384 ISOVUE-370	12151 DEXTROMETHORPHAN/ PROMETHAZINE
11387 VASHE	12154 ESCITALOPRAM
11393 XARELTO	12157 LEVOCETIRIZINE
11450 EPHEDRINE	12158 LEUPROLIDE
11535 EPINEPHRICAINE	12161 MOMETASONE
11540 EPINEPHRINE	12171 NORGESTIMATE-ETHINYLN ESTRADIOL
11548 EPIPEN	12176 PREPARATION H
11615 ERGOCALCIFEROL	12189 GARLIC
11657 ERYPED	12191 LEVALBUTEROL
11665 ERYTHROMYCIN	12196 SULFAMETHOXAZOLE- TRIMETHOPRIM
11668 ERYTHROMYCIN OPHTHALMIC	12199 CORTIZONE-10
11688 ESGIC	12202 FORMOTEROL-MOMETASONE
11740 ESTRACE	12216 HEPARIN PORCINE
11745 ESTRADIOL	12227 ZIOPTAN
11800 ESTROGEN	12236 CAMPHOR-MENTHOL
11880 ETHINYL ESTRADIOL	12257 ARMODAFINIL
11898 ETHOSUXAMIDE	12287 CETIRIZINE-PSEUDOEPHEDRINE
11945 EUKERIN	12300 FERGON
12000 MERREM	12318 MYRBETRIQ
12006 MICROGESTIN	12342 BRILINTA
12007 MIDAZOLAM	12368 EFFER-K
12008 MORPHINE ER	12396 LINAGLIPTIN
12009 ALENDRONATE	12436 PHENYLEPHRINE- CHLORPHENIRAMINE-DEXTROME
12011 NEXPLANON	
12013 NICOTINE PATCH	
12016 NORETHINDRONE	
12023 ORAPRED ODT	
12028 OXYCODONE	
12029 OXYBUTYNIN	

12440 BENLYSTA	13655 GLYCOPYRROLATE
12476 EMTRICITABINE/RILPIVIRINE/ TENOFOVIR	13800 GRISEOFULVIN
12477 ARFORMOTEROL	13835 GUAIFENESIN
12479 CYANOACRYLATE	13838 GUAIFENESIN W/CODEINE
12480 FERROUS GLUCONATE	13930 GYNE-LOTRIMIN
12482 GADAVIST	13999 HALCION
12490 FERROUS SULFATE	14000 HALDOL
12521 FIBERCON	14002 APIXABAN
12585 FLAGYL	14006 GADOBUTROL
12620 FLEET ENEMA	14008 ANORO ELLIPTA
12635 FLEXERIL	14013 BREO ELLIPTA
12715 FLUORESCEIN	14014 ACETAMINOPHEN/BUTALBITAL/ CAFFEINE
12735 FLUORIDE	14019 IMBRUVICA
12780 FLUPHENAZINE	14023 OTEZLA
12830 FLUZONE	14040 HALOPERIDOL
12865 FOLIC ACID	14046 ATOVAQUONE-PROGUANIL
12880 FOLVITE	14076 DAPAGLIFLOZIN
12967 FORTAZ	14087 FARXIGA
13009 ELIQUIS	14102 JARDIANCE
13011 ETONOGESTREL/ETHINYLM ESTRADIOL	14122 TIVICAY
13015 LISINOPRIL-HYDROCHLOROTHIAZIDE	14131 ABACAVIR-DOLUTEGRAVIR- LAMIVUDINE
13034 AFLIBERCEPT	14225 HEP-LOCK
13035 FUL-GLO	14240 HEPARIN
13036 ALBENZA	14415 HIBICLENS
13063 DOLUTEGRAVIR	14727 HUMULIN
13094 LINACLOTIDE	14730 HURRICAINE
13097 LINZESS	14750 HYALURONIDASE
13103 L-TYROSINE	14840 HYDRALAZINE
13104 LUBIPROSTONE	14875 HYDREA
13105 FURADANTIN	14930 HYDROCHLOROTHIAZIDE
13111 MIRABEGRON	14955 HYDROCODONE
13118 FUROSEMIDE	14965 HYDROCORTISONE
13121 PITAVASTATIN	14985 HYDRODIURIL
13122 PROLENSA	14990 HYDROGEN PEROXIDE
13129 ROFLUMILAST	15005 HYDROMORPHONE
13130 SIMBRINZA	15019 GLYXAMBI
13146 TINIDAZOLE	15023 NEXTERONE
13149 DIHYDROERGOTAMINE	15046 HYOPHEN
13154 ELLA	15070 HYDROXYCHLOROQUINE
13156 FOSFOMYCIN	15090 HYDROXYUREA
13159 TENIVAC	15100 HYDROXYZINE
13161 TICAGRELOR	15105 HYDROXYZINE PAMOATE
13205 GARAMYCIN	15115 HYGROTON
13215 GASTROGRAFIN	15195 HYPERAB
13220 GAVISCON	15307 HYTRIN
13275 GELFOAM	15395 IBUPROFEN
13320 GENTAMICIN	15455 ICY HOT ANALGESIC BALM
13535 GLUCAGON	15495 ILOTYCIN
13550 GLUCOSE	15545 IMODIUM
13553 GLUCOTROL	15548 IMOVAX RABIES
13590 GLUTOSE	15555 IMURAN

15560 INAPSINE	16217 VASOPRESSIN
15575 INDERAL	16218 DORNASE ALPHA (PULMOZYME)
15590 INDOCIN	16219 DIPHENHYDRAMINE/
15600 INDOMETHACIN	LIDOCAINE/NYSTATIN TOPI
15680 INSULIN	16221 CAPSAICIN-MENTHOL TOPICAL
15730 IODINE	16224 LIDOCAINE-MENTHOL TOPICAL
15805 IOPIDINE	16229 ELVITEG/COBI/EMTRIC/TENOFO ALA
15985 ISOLYTE	16232 TIOTROPIUM-OLODATEROL
15990 ISONIAZID	16238 BACILLUS COAGULANS
16000 DICLEGIS	16243 MAGNESIUM GLYCINATE
16007 GENVOYA	16259 VITAMIN A & D TOPICAL
16009 INCRUSE ELLIPTA	16264 IXEKIZUMAB
16016 TOUJEOL SOLOSTAR	16271 ZINC ACETATE
16018 TRULICITY	16275 PRUCALOPRIDE
16020 ISOPROPYL ALCOHOL	16276 RETACRIT
16051 VELTASSA	16281 ADMELOG
16061 ENTRESTO	16283 SEMAGLUTIDE
16076 INSULIN DEGLUDEC	16286 BONJESTA
16077 VRAYLAR	16291 EMGALITY
16089 KCENTRA	16292 AJOVY
16090 ISOPTO TEARS	16299 EMPAGLIFLOZIN
16095 ISORDIL	16301 TRESIBA
16096 JADENU	16323 SYMTUZA
16104 INSULIN LISPRO	16324 REMDESIVIR
16105 ISOSORBIDE	16326 SODIUM ZIRCONIUM CYCLOSILICATE
16106 ALOGLIPTIN	16327 TRINTELLIX
16108 FLUTICASONE FUROATE	16332 BREXPIPRAZOLE
16111 OTOVEL	16334 BASAGLAR
16112 EUCRISA	16336 CORLANOR
16113 NUPLAZID	16338 NURTEC ODT
16114 STIOLTO RESPIMAT	16341 ESLICARBAZEPINE ACETATE
16123 DUPIXENT	16346 NINJACOF-D
16124 LACTOBACILLUS RHAMNOSUS	16348 NALOXEGOL
16128 TRULANCE	16351 LOKELMA
16132 SACUBITRIL	16354 PAXLOVID
16134 OPTICAINE	16357 VEKLURY
16136 AMPICILLIN/SULBACTAM	16359 DULAGLUTIDE
16139 SACUBITRIL/VALSARTAN	16362 BARICITINIB
16141 TETANUS-DIPHTHERIA TOXOIDS-TD	16363 UMECLIDINIUM-VILANTEROL
16143 VENELEX	16364 ERENUMAB-AOOE
16157 NUCALA	16365 KAOPECTATE
16164 AIMOVIG	16367 UBREVLY
16167 TRELEGY ELLIPTA	16369 GALCANEZUMAB
16169 BIKTARVY	16371 BAMLANIVIMAB
16181 CLENPIQ	16373 ADDYI
16186 OZEMPIC	16379 SUVOREXANT
16192 CANNABIDIOL	16383 PERAMPANEL
16196 CLEVIDIPINE	16384 LEVOMEFOLATE
16197 GADOTERATE MEGLUMINE	16386 COVID-19 VACCINE, MODERNA
16214 EFINACONAZOLE	16387 BREZTRI-AEROSPHERE
16215 K-LYTE DS	16388 REGEN-COV

16389 COVID-19 VACCINE	17715 LITHIUM
16391 SOTROVIMAB	17725 LITHOBID
16392 UBROGEPANT	17833 LOCAL ANESTHETIC
16393 CILNIDIPINE	17840 LOESTRIN
16394 MEPHENTERMINE	17865 LOMOTIL
16396 HEATHER	17880 LOPERAMIDE
16397 COVID-19 BNT162B2	17883 LOPID
16398 DORAVIRINE	17885 LOPRESSOR
16399 WIXELA	17888 LORAZEPAM
16400 DAPAGLIFLOZIN-METFORMIN	17925 LOTRIMIN
16401 BEBTELOVIMAB	18015 LUMINAL
16402 MYXREDLIN	18050 LYSINE
16403 SYMJEPI	18125 MAALOX
16404 SHAROBEL	18189 MAGNESIUM CARBONATE
16406 BAQSIMI	18190 MAGNESIUM CHLORIDE
16407 CABENUVA	18195 MAGNESIUM CITRATE
16408 LAGEVRIO	18200 MAGNESIUM GLUCONATE
16409 NOZIN	18215 MAGNESIUM SULFATE
16410 VERICIGUAT	18220 MAGNESIUM TRISILICATE
16411 UPADACITINIB	18315 MANDELAMINE
16412 VALTOCO	18345 MANNITOL
16413 CLARISCAN	18395 MARCAINE
16414 DIACOMIT	18400 MARCAINE HCL W/EPINEPHRN
16416 NAYZILAM	18523 MAXZIDE
16417 MOUNJARO	18555 MECLIZINE
16418 TECOVIRIMAT	18640 MEDROL
16419 ARTESUNATE	18643 MEDROXYPROGESTERONE
16421 SEMGLEE	18655 MEGACE
16455 KAYEXALATE	18663 MEGESTROL
16475 KEFLIX	18745 MENTHOL
16505 KENALOG	18760 MEPERIDINE
16585 KETALAR	18930 METAMUCIL
16590 KETAMINE	18985 METHADONE
16710 KLOR-CON	19035 METHENAMINE
16800 KONSYL	19070 METHOCARBAMOL
16955 LACTOBACILLUS ACIDOPHILUS	19090 METHOTREXATE
16975 LACTULOSE	19130 METHYL SALICYLATE
17070 LANOLIN	19140 METHYLCELLULOSE
17115 LANOXIN	19175 METHYLPHENIDATE
17165 LASIX	19180 METHYLPREDNISOLONE
17243 LAXATIVE	19208 METOCLOPRAMIDE
17355 LEVOPHED	19210 METOLAZONE
17365 LEVOTHROID	19218 METOPROLOL
17370 LEVOTHYROXINE	19231 METRO
17375 LEVSIN	19233 METRONIDAZOLE
17450 LIBRIUM	19242 MEVACOR
17475 LIDEX	19280 MICATIN
17485 LIDOCAINE	19290 MICONAZOLE
17490 LIDOCAINE HCL	19320 MICRONOR
17495 LIDOCAINE HCL W/EPINEPHRINE	19445 MINERAL OIL
17560 LIORESAL	19455 MINIPRESS
17563 LIOTHYRONINE SODIUM	19465 MINOCYCLINE
17595 LIPODERM	19635 MICONAZOLE NITRATE

19650 MORPHINE	23215 PENICILLIN
19675 MOTRIN	23221 PENICILLIN G POTASSIUM
19680 MOUTHWASH	23225 PENICILLIN V
19699 MS CONTIN	23228 PENICILLIN V POTASSIUM
19825 MULTIPLE VITAMINS	23230 PENICILLIN VK
19840 MULTIVITAMIN	23340 PEPPERMINT OIL
20000 MYAMBUTOL	23370 PEPTO-BISMOL
20010 MYCELEX	23385 PERCOSET-5
20060 MYCOSTATIN	23430 PERI-COLACE
20065 MYDFRIN	23440 PERIACTIN
20075 MYDRIACYL	23523 PERPHENAZINE
20080 MYLANTA	23585 PETROLATUM
20095 MYLICON	23660 PHENAPHEN
20260 NAPHCON	23715 PHENAZOPYRIDINE
20285 NAPROSYN	23755 PHENERGAN
20290 NAPROXEN	23798 PHENERGAN W/CODEINE
20310 NARCAN	23845 PHENOBARBITAL
20315 NARDIL	23935 PHENOL
20595 NEO-SYNEPHRINE	23970 PHENTERMINE
20690 NEOMYCIN	24015 PHENYLEPHRINE
20693 NEOMYCIN-POLYMYXIN B	24045 PHENYTOIN
20735 NEOSTIGMINE	24175 PHYTONADIONE
20835 NEUTRA-PHOS	24190 PILOCAR
20885 NIACIN	24255 PITOCIN
21130 NITRO-BID	24300 PLAQUENIL
21145 NITROFURANTOIN	24310 PLASMA-LYTE
21160 NITROGLYCERIN	24470 POLYMYXIN
21165 NITROGLYN	24510 POLYSPORIN
21185 NITROSTAT	24555 PONTOCAINE
21203 NIZORAL	24590 POT CHLOR
21225 NOLVADEX	24653 POTASSIUM CHLORIDE
21280 NORFLEX	24695 POTASSIUM GLUCONATE
21373 NORMODYNE	24730 POTASSIUM PHOSPHATE
21403 NORTRIPTYLINE	24765 POVIDONE
21550 NUBAIN	24805 PRAZOSIN
21695 NYSTATIN	24850 PRED FORTE
21750 OCEAN MIST	24885 PREDNISOLONE
22065 ORPHENADRINE	24890 PREDNISONE
22110 OS-CAL	24950 PREMARIN
22233 OXACILLIN	25055 PRIMIDONE
22287 OXYBUTYNIN CHLORIDE	25078 PRINIVIL
22303 OXYCODONE HCL	25213 PROCARDIA
22305 OXYCODONE HCL & ACETAMINOPHEN	25220 PROCHLORPERAZINE
22306 OXYCODONE W/APAP	25240 PROCTOCORT
22315 OXYGEN	25250 PROCTOFOAM
22323 OXYMETAZOLINE HCL	25255 PROCTOFOAM-HC
22520 PAMELOR	25305 PROGESTERONE
22643 PANCRELIPASE	25355 PROMAZINE
22810 PARAFON FORTE	25365 PROMETHAZINE
23120 PEDIALYTE	25432 PROMETHAZINE W/CODEINE
	25433 PROMETHAZINE W/DM

25485 PROPARACAIN	28790 SOLU-CORTEF
25638 PROVENTIL	28800 SOLU-MEDROL
25640 PROVERA	28833 SOMINEX
25660 PROXENE	28910 SORBITOL
25674 PROZAC	29250 SPIRONOLACTONE
25695 PSEUDOEPHEDRINE	29255 SPIRONOLACTONE W/HYDROCHLOROTHIAZIDE
25810 PYRIDIUM	29285 STADOL
25825 PYRIDOXINE HCL	29498 STEROID(S)
25965 QUESTRAN	29645 SUBLIMAZE
26090 RABIES VACCINE	29660 SUCCINYLCHOLINE
26255 REGLAN	29705 SUDAFED
26453 RESTORIL	29840 SULFAMETHOXAZOLE
26475 RETIN-A	29865 SULFASALAZINE
26477 RETROVIR	30215 SURGICEL
26685 RIBOFLAVIN	30305 SYMMETREL
26705 RIFADIN	30395 SYNTHROID
26715 RIFAMPIN	30553 TAMOXIFEN
26760 RITALIN	30585 TAPAZOLE
26785 ROBAXIN	30615 TARTARIC ACID
26805 ROBINUL	30730 TEGRETOL
26830 ROBITUSSIN	30756 TEMAZEPAM
26835 ROBITUSSIN A-C SYRUP	30782 TENORMIN
26870 ROCALTROL	30805 TERBUTALINE
27340 SALICYLATE	30880 TESSALON PERLE
27345 SALICYLIC ACID	30915 TESTOSTERONE
27368 SALINE	31005 TETANUS DIPHTHERIA TOXOID
27405 SALSALATE	31015 TETANUS TOXOID
27445 SANTYL	31025 TETRACAIN
27545 SCOPOLAMINE	31030 TETRACAIN HCL
27725 SELENIUM	31045 TETRACYCLINE
27749 SENEXON	31050 TETRACYCLINE HCL
27770 SENNA	31225 THEOPHYL
27785 SENOKOT	31325 THERAGRAN
27795 SENOKOT S	31455 THIAMINE
27816 SENSORCAINE	31550 THORAZINE
27835 SEPTRA	31585 THROAT LOZENGE NEO-VADRIN
27840 SEPTRA DS	31655 TIGAN
27985 SILVADENE	31658 TIMOLOL
27995 SILVER NITRATE	31660 TIMOPTIC
28015 SILVER SULFADIAZINE	31723 TOBRADEX
28030 SIMETHICONE	31725 TOBRAMYCIN
28080 SINEMET	31728 TOREX OPHTHALMIC
28085 SINEQUAN	31927 TRANDATE
28350 SKELAXIN	31939 TRANSDERM-SCOP
28391 SLOW-MAG	31945 TRANXENE
28455 SODIUM BICARBONATE	31997 TRAZODONE
28495 SODIUM CHLORIDE	32195 TRIAMCINOLONE
28560 SODIUM CHLORIDE IRRIGATION	32200 TRIAMCINOLONE ACETONIDE
28595 SODIUM FLUORIDE	32273 TRIAMTERENE
28665 SODIUM PHOSPHATE	32353 TRIDIL
28670 SODIUM PHOSPHATE & BIPHOSPHATE	32363 TRIFLUOPERAZINE
28685 SODIUM SULFATE	32390 TRIHEXYPHENIDYL

32438 TRIMETHOPRIM	35450 ANTIHISTAMINE
32515 TRIPLE ANTIBIOTIC	35495 ANTIPIRETIC AGENT
32658 TROPICAMIDE	35590 TRIMETHOBENZAMIDE HCL
32735 TUMS	35595 TRIMETHOPRIM/ SULFAMETHOXAZOLE
32905 TYLENOL	40285 CALTRATE
32920 TYLENOL NO. 3	40455 CYCLOPENTOLATE
32925 TYLENOL NO. 4	40520 DESYREL
32930 TYLENOL W/CODEINE	40540 DEXTROSE SODIUM CHLORIDE
33550 VALISONE	40605 DIPHENOXY/ATROP
33555 VALIUM	40610 DIPHENOXYLATE
33573 VALPROIC ACID	40905 ISOPTIN
33580 VANCOCIN	41150 NASALCROM
33588 VANCOMYCIN	41315 POLYETHYLENE GLYCOL
33625 VAPONEFRIN	41495 SODIUM POLYSTYRENE SULFON
33670 VASELINE	41505 SPECTAZOLE
33780 VEETIDS	41780 ZANTAC
33843 VENTOLIN	41830 PSYLLIUM
33858 VERAPAMIL	41840 HYOSCINE
34085 VIBRA	41860 FOLATE
34090 VIBRAMYCIN	42425 GOLYTELY
34103 VICKS VAPORUB	42780 NEOSPORIN OPHTHALMIC
34110 VICODIN	42800 NORMAL SALINE
34260 VISINE	42985 PROPRANOLOL
34270 VISTARIL	60115 AUGMENTIN
34360 VITAMIN A	60125 AUGMENTIN 500
34425 VITAMIN B COMPLEX	60150 BACITRACIN OPHTHALMIC
34455 VITAMIN B-1	60180 BENZTROPINE MESYLATE
34495 VITAMIN B-12	60195 BETAMETHASONE SOD PHOSPHATE
34510 VITAMIN B-6	60205 BETOPTIC
34520 VITAMIN C	60265 BUPRENEX
34565 VITAMIN D	60270 BUSPAR
34575 VITAMIN E	60325 CITRUCEL
34623 VITAMIN K	60370 CORDARONE
34725 VOLTAREN	60415 DEXAMETHASONE/NEOMYCIN/ POLYMIX
34775 WARFARIN	60550 EYE DROPS
34855 WESTCORT	60565 FENTANYL CITRATE
35023 XANAX	60595 FIORICET
35050 XEROFOAM DRESSING	60640 GENTAMICIN OPHTHALMIC
35060 XYLOCAINE	60665 GLYCERIN
35080 XYLOCAINE HCL W/EPINEPHRINE	60735 INFLUENZA VIRUS VACC
35085 XYLOCAINE VISCOUS	60765 ISOVUE
35095 XYLOMETAZOLINE	60790 KLONOPIPIN
35224 ZESTRIL	60795 LACHYDRIN
35240 ZINC	60800 LACTATED RINGER'S
35245 ZINC GLUCONATE	60835 LOTRISONE
35250 ZINC OXIDE	60995 NALOXONE HCL
35260 ZINC SULFATE	61025 NICORETTE
35295 ZINCATE	61035 NIX
35341 ZOVIRAX	61080 OMNIPHAQUE
35350 ZYLOPRIM	
35430 ANTIEMETIC AGENT	

61160 PEPCID	91064 AZTREONAM
61185 PIPERACILLIN	91066 BUSPIRONE HCL
61205 POVIDONE-IODINE	91068 CEFTAZIDIME
61245 PROPRANOLOL HCL	91069 CEFTRIAXONE
61295 ROCEPHIN	91072 DILTIAZEM HCL
61405 TAMBOCOR	91074 ENALAPRIL
61440 TEMOVATE	91079 FLUOXETINE
61480 TOLNAFTATE	91081 GLIPIZIDE
61570 VERSED	91084 IPRATROPIUM BROMIDE
61605 WELLBUTRIN	91085 KETOCONAZOLE
61625 TRIAMTERENE W/HCTZ	91088 LOVASTATIN
70078 CANNABIS	91089 METHIMAZOLE
89010 BETAMETHASONE DIPROPIONATE	91091 MISOPROSTOL
89012 BROMFED-DM	91096 OMEPRAZOLE
89013 BROMPHEN DX	91099 RANITIDINE
89014 BUPIVACAINE W/EPINEPHRINE	91102 TRETINOIN
89016 CHARCOAL, ACTIVATED W/ SORBITOL	91103 IBU
89018 CLINDAMYCIN HCL	92000 ACCUPRIL
89019 CLONIDINE HCL	92003 ALTACE
89020 CYCLOBENZAPRINE HCL	92006 BIAXIN
89021 CYKLOKAPRON	92012 CARDURA
89025 DOXEPIN HCL	92015 CILOXAN
89035 FLUOCINONIDE	92016 CLOZARIL
89039 HYDROCODONE W/ACETAMINOPHEN	92019 DEXTRAN
89040 HYDROCORTISONE ACETATE	92024 DURAGESIC
89041 HYDROCORTISONE SOD SUCCINATE	92031 FLOXIN
89045 LIDOCAINE HCL VISCOUS	92033 FLUPHENAZINE DECANOATE
89049 METHYLPREDNISOLONE ACETATE	92038 GENTAMICIN SULFATE
89050 MOTRIN IB	92043 HYOSCYAMINE SULFATE
89053 NITROFURANTOIN MACROCRYSTALS	92051 LODINE
89061 POLYTRIM	92052 LOTENSIN
89062 PRAZOSIN HCL	92055 MIACALCIN
89066 PRELONE	92061 NASACORT
89067 PROCARDIA XL	92076 PRAVACHOL
89068 PROCHLORPERAZINE EDISYLATE	92087 STERILE WATER
89069 PROCHLORPERAZINE MALEATE	92104 ZEASORB-AF
89076 SUPRAX	92105 ZOFRAN
89080 TIMOLOL MALEATE	92107 BENAZEPRIL
91000 ALBUTEROL SULFATE	92109 CEFACLOR
91002 AMILOLIDE HCL	92110 CEFIXIME
91008 BROMATANE DX	92111 CIPROFLOXACIN
91009 BUTALBITAL/APAP/CAFFAINE	92112 CLARITHROMYCIN
91015 DOXYCYCLINE HYCLATE	92115 CLOZAPINE
91027 GUAIFENESIN AC	92116 DICLOFENAC
91028 HALOPERIDOL LACTATE	92120 DOXAZOSIN MESYLATE
91029 HYDROXYZINE HCL	92122 EPOETIN ALFA
91039 NIFEDIPINE	92124 ETODOLAC
91043 PRILOSEC	92125 FELODIPINE
91052 SSD	92126 FLUTICASONE
91061 ACYCLOVIR	92130 HALOBETASOL
91062 ALPRAZOLAM	92134 LEVONORGESTREL
91063 ATENOLOL	92135 MESALAMINE
	92137 METROGEL

92138 NADOLOL	93193 SERTRALINE
92140 OFLOXACIN	93200 ACTIGALL
92141 ONDANSETRON	93202 CYCLOSPORINE
92143 PENTOXIFYLLINE	93203 LABETALOL
92150 RAMIPRIL	93211 AMIODARONE
92152 TERCONAZOLE	93212 PAXIL
92153 TRANEXAMIC ACID	93213 GEMFIBROZIL
92156 DIFLUCAN	93214 AZITHROMYCIN
92157 ELIMITE	93215 FLUCONAZOLE
92160 PRINZIDE	93220 KETOROLAC
92161 TORADOL	93221 FELBAMATE
92164 LISINOPRIL	93224 CLARITIN
92178 HUMIBID	93231 IMITREX
92180 LORTAB	93237 SIMVASTATIN
93009 ALBUMIN	93238 BETAPACE
93014 ALLERGY MEDICATION	93243 LAMISIL
93022 ARTIFICIAL TEAR SOLUTION	93245 HALFPRIN
93023 ASACOL	93248 SUMATRIPTAN
93024 ASPERCREME	93249 VALPROATE
93036 CARDENE	93257 LORATADINE
93040 CELLUVISC	93262 MIDAZOLAM HCL
93041 CITRACAL	93305 GLYBURIDE
93048 DILACOR-XR	93306 ADENOCARD
93049 DIPHEN	93309 BENZODIAZEPINES
93057 ENULOSE	93313 DOBUTAMINE
93059 EPOGEN	93325 EMLA
93062 FISH OIL	93337 PROPOFOL
93065 GAS-X	93344 SOAP
93090 MACROBID	93345 DIPRIVAN
93094 ROMAZICON (MAZICON)	93347 AMBIEN
93098 MONODOX	93348 PHOSLO
93101 NASAL SPRAY	93352 FAMOTIDINE
93105 NICODERM	93355 BUPROPION
93107 NICOTROL	93356 ANTIGEN
93109 NUTRITIONAL SUPPLEMENT	93371 MIDODRINE
93113 OCUVITE	93386 GI COCKTAIL
93121 PERIDEX	93387 CEFOXITIN
93127 PROSCAR	93396 AMLODIPINE
93131 REFRESH	93400 NEBULIZER
93136 RHOGAM	93404 SUCRALFATE
93143 SHUR-CLENS	93405 SANDOSTATIN
93151 SUPPOSITORY	93418 FILGRASTIM
93152 TAC	93422 FLUNISOLIDE
93156 TOPROL XL	93424 FLUDROCORTISONE ACETATE
93166 VANTIN	93437 THIAZIDE
93179 ZITHROMAX	93447 EMOLlient / LOTION / CREAM /MOISTURIZER
93181 ZOCOR	93449 RABIES IMMUNE GLOBULIN
93183 ZOLOFT	93451 CLOMIPRAMINE
93185 ZOSTRIX	94001 SOTALOL
93187 NORVASC	94002 BENZONATE
93188 NALTREXONE	

94004 PAROXETINE	95046 AMYLASE
94007 ENEMA	95050 ULTRAM
94011 CATAFLAM	95052 OPTIRAY
94014 VENLAFAXINE	95057 DTAP
94016 ZIAC	95065 ZEMURON
94027 SHAMPOO	95072 BENZTROPINE
94029 NULYTELY	95089 METAXALONE
94031 IMDUR	95092 PRAVASTATIN
94035 ZOLPIDEM TARTRATE	95097 CARDIOLITE
94048 METROGEL VAGINAL	95100 PROTEIN SUPPLEMENT
94049 OYSTER SHELL CALCIUM	95111 GLUCOPHAGE
94062 MONOKET	95114 TRUSOPT
94070 EFFEXOR	95116 CAPSAICIN
94072 NSAID	95118 HEPATITIS A VACCINE
94073 OCUFLOX	95122 PREVACID
94079 CORTICOSTEROID(S)	95133 METFORMIN
94080 DESMOPRESSIN	95144 LOTREL
94081 DIVALPROEX SODIUM	95149 ZOSYN
94099 NEURONTIN	95152 COZAAR
94103 QUININE	95155 FLAX SEED OIL
94104 RISPERIDONE	95157 COLESTIPOL
94110 LOZENGES	95160 CLIMARA
94114 GABAPENTIN	95164 DORZOLAMIDE
94116 HUMULIN R	95171 HYZAAR
94117 LOVENOX	95173 LEVIBID
94124 CHOLESTYRAMINE	95174 PROGRAF
94125 ALEVE	95177 FINASTERIDE
94126 DEMADEX	95178 FIORICET/ CODEINE
94128 DAYQUIL	95181 LAMICTAL
94133 TERAZOSIN	95183 FOSAMAX
94134 DESONIDE	95186 ESMOLOL
94139 CEPPODOXIME	95191 EPIVIR
94145 OINTMENT	95192 CASODEX
94146 PENICILLIN G BENZATHINE	96003 PERMETHRIN
94158 RISPERDAL	96005 ALENDRONATE SODIUM
94173 ACEBUTOLOL	96007 CETIRIZINE
94175 ANTIBACTERIAL AGENT	96009 BENZOCAINE
94188 FENTANYL	96022 ZYRTEC
94189 FLUMAZENIL	96024 CLOBETASOL
94190 MG	96027 DOCUSATE SODIUM
94191 MONISTAT	96028 ACETAMINOPHEN-HYDROCODONE
94196 OCTREOTIDE	96029 ALBENDAZOLE
95003 ECONAZOLE	96031 DRONABINOL
95005 FLONASE	96034 RIFAPENTINE
95016 ADDERALL	96038 MUPIROCIN
95017 FAMVIR	96041 TRAMADOL
95020 NICARDIPINE	96043 VALTREX
95023 CHILDRENS MOTRIN	96045 DEMEROL
95024 FLUVOXAMINE	96065 GEMCITABINE
95036 BUPRENORPHINE	96087 VIBRA-TABS
95042 NOREPINEPHRINE	96091 FLOVENT
95044 ROBITUSSIN W/ CODEINE	96095 ETOMIDATE
95045 TYLENOL PM	96105 TEGADERM

96107 BUMETANIDE	97162 FOSPHENYTOIN
96122 REMERON	97163 LEVOFLOXACIN
96123 ZEBETA	97168 SEROQUEL
96125 MELATONIN	97170 CENTRUM SILVER
96130 LANSOPRAZOLE	97174 BABY ASPIRIN
96135 PHENERGAN DM	98001 MAG-OX
96138 AMARYL	98008 CARVEDILOL
96147 CELLCEPT	98010 NASONEX
96164 BETIMOL	98025 MONUROL
96167 XALATAN	98033 ALDARA
96169 ACIDOPHILUS	98036 NORCO
96173 ZYPREXA	98038 SINGULAIR
96174 ALLEGRA	98041 VIAGRA
96177 IMMUNO THERAPY	98046 MICROZIDE
97002 OLANZAPINE	98049 DONEPEZIL HCL
97005 CEREBYX	98075 CALCIUM CITRATE
97011 MIGRAINE AGENT	98085 NIASPAN
97016 ARICEPT	98086 PLAVIX
97017 HUMALOG	98089 TERBINAFINE
97019 SAW PALMETTO	98090 ARIMIDEX
97020 LIPITOR	98093 MONTELUKAST
97028 ALPHAGAN	98098 COSOPT
97030 NEOCATE	98109 CHLORHEXIDINE GLUCONATE
97035 ASTELIN	98115 CELEXA
97036 DIOVAN	98117 FENOFLIBRATE
97037 PATANOL	98131 TOPRAMATE
97045 LEVAQUIN	98139 TIZANIDINE
97047 MAGNESIUM	98141 VALSARTAN
97049 TOPAMAX	98156 MAXALT
97050 VISIPAQUE	98158 TRICOR
97056 MIRTAZAPINE	99001 CEFEPIME
97073 LOSARTAN	99002 CELEBREX
97084 ROCURONIUM	99005 REMICADE
97085 TORSEMIDE	99008 ALLEGRA D
97089 GUANFACINE	99014 OMNICEF
97098 PRAMIPEXOLE	99016 PRIMROSE OIL
97103 ALA-CORT	99026 GLUCOSAMINE
97105 COMBIVENT	99029 PREDNISOLONE ACETATE OPHTHALMIC
97113 ZANAFLEX	99033 CLOPIDOGREL
97126 FLOMAX	99036 GLUCOSAMINE CHONDROITIN
97130 TACROLIMUS	99042 PACERONE
97132 MAXIPIME	99043 PROAMATINE
97134 PLASMA	99052 ACTIVATED CHARCOAL
97135 VALACYCLOVIR	99054 FERATAB
97136 LAMOTRIGINE	99056 GLIMEPIRIDE
97142 COREG	99059 MICARDIS
97145 AVAPRO	99062 PRIMACOR
97150 REQUIP	99074 CITALOPRAM
97152 MIRAPEX	99075 ENBREL
97157 ATORVASTATIN	99080 MIRALAX
97159 CALCITRIOL	

99090 ACTOS	99137 HERBS
99099 PLETAL	99139 MAGIC MOUTHWASH
99101 QUETIAPINE FUMARATE	99144 RACEMIC EPINEPHRINE
99102 THERATEARS	99161 ROPINIROLE HCL
99106 XOPENEX	99167 COQ-10
99107 ZADITOR	99174 PHOSPHORUS
99109 BUFFERED LIDOCAINE	99187 ACTICIN
99112 D-5-W	99201 ORTHO-CYCLEN
99123 MORPHINE SULFATE	99207 BRIMONIDINE
99127 LIDOCAINE/EPINEPHRINE/ TETRACAIN	99213 DIASTAT
99128 LIPASE	99214 DIOVAN HCT
99132 EVISTA	99216 FEXOFENADINE
99133 ALBUTEROL	99224 OMEGA-3
99136 HELIOX	99999 ILLEGIBLE

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**D. MULTUM CLASSIFICATION OF THERAPEUTIC CLASSES (DRUG CATEGORIES)**

LEVEL 1		LEVEL 2		LEVEL 3	
CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME
001	Anti-infectives	002	Amebicides		
001	Anti-infectives	003	Anthelmintics		
001	Anti-infectives	004	Antifungals	235	Polyenes
001	Anti-infectives	004	Antifungals	236	Azole antifungals
001	Anti-infectives	004	Antifungals	237	Miscellaneous antifungals
001	Anti-infectives	004	Antifungals	310	Echinocandins
001	Anti-infectives	005	Antimalarial agents	238	Antimalarial quinolines
001	Anti-infectives	005	Antimalarial agents	239	Miscellaneous antimalarials
001	Anti-infectives	005	Antimalarial agents	328	Antimalarial combinations
001	Anti-infectives	006	Antituberculosis agents	230	Aminosalicylates
001	Anti-infectives	006	Antituberculosis agents	231	Thiocarbamide derivatives
001	Anti-infectives	006	Antituberculosis agents	232	Rifamycin derivatives
001	Anti-infectives	006	Antituberculosis agents	233	Streptomyces derivatives
001	Anti-infectives	006	Antituberculosis agents	234	Miscellaneous antituberculosis agents
001	Anti-infectives	006	Antituberculosis agents	329	Antituberculosis combinations
001	Anti-infectives	006	Antituberculosis agents	457	Hydrazide derivatives
001	Anti-infectives	006	Antituberculosis agents	465	Diarylquinolines
001	Anti-infectives	007	Antiviral agents	175	Protease inhibitors
001	Anti-infectives	007	Antiviral agents	176	NRTIs
001	Anti-infectives	007	Antiviral agents	177	Miscellaneous antivirals
001	Anti-infectives	007	Antiviral agents	227	NNRTIs
001	Anti-infectives	007	Antiviral agents	228	Adamantane antivirals
001	Anti-infectives	007	Antiviral agents	229	Purine nucleosides
001	Anti-infectives	007	Antiviral agents	281	Neuraminidase inhibitors

LEVEL 1		LEVEL 2		LEVEL 3	
CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME
001	Anti-infectives	007	Antiviral agents	327	Antiviral combinations
001	Anti-infectives	007	Antiviral agents	330	Antiviral interferons
001	Anti-infectives	007	Antiviral agents	364	Antiviral chemokine receptor antagonist
001	Anti-infectives	007	Antiviral agents	366	Integrase strand transfer inhibitor
001	Anti-infectives	007	Antiviral agents	480	Antiviral boosters
001	Anti-infectives	007	Antiviral agents	485	NS5A inhibitors
001	Anti-infectives	008	Carbapenems		
001	Anti-infectives	009	Cephalosporins	159	First generation cephalosporins
001	Anti-infectives	009	Cephalosporins	160	Second generation cephalosporins
001	Anti-infectives	009	Cephalosporins	161	Third generation cephalosporins
001	Anti-infectives	009	Cephalosporins	162	Fourth generation cephalosporins
001	Anti-infectives	009	Cephalosporins	379	Fifth generation cephalosporins
001	Anti-infectives	009	Cephalosporins	492	Cephalosporins/beta-lactamase inhibitors
001	Anti-infectives	010	Leprostatics		
001	Anti-infectives	011	Macrolide derivatives	304	Macrolides
001	Anti-infectives	011	Macrolide derivatives	305	Ketolides
001	Anti-infectives	012	Miscellaneous antibiotics		
001	Anti-infectives	013	Penicillins	222	Penicillinase resistant penicillins
001	Anti-infectives	013	Penicillins	223	Antipseudomonal penicillins
001	Anti-infectives	013	Penicillins	224	Aminopenicillins
001	Anti-infectives	013	Penicillins	225	Penicillins/beta-lactamase inhibitors
001	Anti-infectives	013	Penicillins	226	Natural penicillins
001	Anti-infectives	014	Quinolones		
001	Anti-infectives	015	Sulfonamides		
001	Anti-infectives	016	Tetracyclines		

LEVEL 1		LEVEL 2		LEVEL 3	
CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME
001	Anti-infectives	017	Urinary anti-infectives		
001	Anti-infectives	018	Aminoglycosides		
001	Anti-infectives	240	Lincomycin derivatives		
001	Anti-infectives	315	Glycylcyclines		
001	Anti-infectives	406	Glycopeptide antibiotics		
001	Anti-infectives	486	Oxazolidinone antibiotics		
001	Anti-infectives	499	Carbapenems/beta-lactamase inhibitors		
001	Anti-infectives	503	Streptogramins		
020	Antineoplastics	021	Alkylating agents		
020	Antineoplastics	022	Antineoplastic antibiotics		
020	Antineoplastics	023	Antimetabolites		
020	Antineoplastics	024	Antineoplastic hormones		
020	Antineoplastics	025	Miscellaneous antineoplastics		
020	Antineoplastics	026	Mitotic inhibitors		
020	Antineoplastics	324	Antineoplastic interferons		
020	Antineoplastics	383	Antineoplastic detoxifying agents		
020	Antineoplastics	397	Multikinase inhibitors		
020	Antineoplastics	398	BCR-ABL tyrosine kinase inhibitors		
020	Antineoplastics	399	CD52 monoclonal antibodies		
020	Antineoplastics	400	CD33 monoclonal antibodies		
020	Antineoplastics	401	CD20 monoclonal antibodies		
020	Antineoplastics	402	VEGF/VEGFR inhibitors		
020	Antineoplastics	403	MTOR inhibitors		
020	Antineoplastics	404	EGFR inhibitors		
020	Antineoplastics	405	HER2 inhibitors		
020	Antineoplastics	408	Histone deacetylase inhibitors		

LEVEL 1		LEVEL 2		LEVEL 3	
CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME
020	Antineoplastics	429	Trifunctional monoclonal antibodies		
020	Antineoplastics	431	Anti-CTLA-4 monoclonal antibodies		
020	Antineoplastics	447	CD30 monoclonal antibodies		
020	Antineoplastics	449	Hedgehog pathway inhibitors		
020	Antineoplastics	454	Proteasome inhibitors		
020	Antineoplastics	489	CD38 monoclonal antibodies		
020	Antineoplastics	493	Anti-PD-1 monoclonal antibodies		
020	Antineoplastics	494	PARP inhibitors		
020	Antineoplastics	498	Antineoplastic combinations		
020	Antineoplastics	500	PI3K inhibitors		
020	Antineoplastics	501	CDK 4/6 inhibitors		
020	Antineoplastics	507	Malignancy photosensitizers		
020	Antineoplastics	509	BTK inhibitors		
020	Antineoplastics	517	CD19 monoclonal antibodies		
028	Biologicals	030	Antitoxins and antivenins		
028	Biologicals	034	In vivo diagnostic biologicals		
028	Biologicals	036	Erythropoiesis-stimulating agents		
028	Biologicals	390	Hematopoietic stem cell mobilizer		
028	Biologicals	510	Miscellaneous erythropoiesis agents		
040	Cardiovascular agents	041	Agents for hypertensive emergencies		
040	Cardiovascular agents	042	Angiotensin converting enzyme (ACE) inhibitors		
040	Cardiovascular agents	043	Antiadrenergic agents, peripherally acting		
040	Cardiovascular agents	044	Antiadrenergic agents, centrally acting		
040	Cardiovascular agents	045	Antianginal agents		
040	Cardiovascular agents	046	Antiarrhythmic agents	385	Group I antiarrhythmics

LEVEL 1		LEVEL 2		LEVEL 3	
CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME
040	Cardiovascular agents	046	Antiarrhythmic agents	386	Group II antiarrhythmics
040	Cardiovascular agents	046	Antiarrhythmic agents	387	Group III antiarrhythmics
040	Cardiovascular agents	046	Antiarrhythmic agents	388	Group IV antiarrhythmics
040	Cardiovascular agents	046	Antiarrhythmic agents	389	Group V antiarrhythmics
040	Cardiovascular agents	047	Beta-adrenergic blocking agents	274	Beta blockers, cardioselective
040	Cardiovascular agents	047	Beta-adrenergic blocking agents	275	Beta blockers, non-cardioselective
040	Cardiovascular agents	048	Calcium channel blocking agents		
040	Cardiovascular agents	049	Diuretics	154	Loop diuretics
040	Cardiovascular agents	049	Diuretics	155	Potassium-sparing diuretics
040	Cardiovascular agents	049	Diuretics	156	Thiazide and thiazide-like diuretics
040	Cardiovascular agents	049	Diuretics	157	Carbonic anhydrase inhibitors
040	Cardiovascular agents	049	Diuretics	158	Miscellaneous diuretics
040	Cardiovascular agents	050	Inotropic agents		
040	Cardiovascular agents	051	Miscellaneous cardiovascular agents		
040	Cardiovascular agents	052	Peripheral vasodilators		
040	Cardiovascular agents	053	Vasodilators		
040	Cardiovascular agents	054	Vasopressors		
040	Cardiovascular agents	055	Antihypertensive combinations	467	ACE inhibitors with thiazides
040	Cardiovascular agents	055	Antihypertensive combinations	468	Antiadrenergic agents (central) with thiazides
040	Cardiovascular agents	055	Antihypertensive combinations	469	Antiadrenergic agents (peripheral) with thiazides
040	Cardiovascular agents	055	Antihypertensive combinations	470	Miscellaneous antihypertensive combinations
040	Cardiovascular agents	055	Antihypertensive combinations	472	Beta blockers with thiazides
040	Cardiovascular agents	055	Antihypertensive combinations	473	Angiotensin II inhibitors with thiazides
040	Cardiovascular agents	055	Antihypertensive combinations	474	Beta blockers with calcium channel blockers

LEVEL 1		LEVEL 2		LEVEL 3	
CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME
040	Cardiovascular agents	055	Antihypertensive combinations	475	Potassium sparing diuretics with thiazides
040	Cardiovascular agents	055	Antihypertensive combinations	476	ACE inhibitors with calcium channel blocking agents
040	Cardiovascular agents	055	Antihypertensive combinations	479	Angiotensin II inhibitors with calcium channel blockers
040	Cardiovascular agents	056	Angiotensin II inhibitors		
040	Cardiovascular agents	303	Agents for pulmonary hypertension		
040	Cardiovascular agents	319	Vasopressin antagonists		
040	Cardiovascular agents	325	Sclerosing agents		
040	Cardiovascular agents	340	Aldosterone receptor antagonists		
040	Cardiovascular agents	342	Renin inhibitors		
040	Cardiovascular agents	396	Prostaglandin D2 antagonists		
040	Cardiovascular agents	430	Anticholinergic chronotropic agents		
040	Cardiovascular agents	433	Catecholamines		
040	Cardiovascular agents	482	Angiotensin receptor blockers and neprilysin inhibitors		
040	Cardiovascular agents	483	Neprilysin inhibitors		
057	Central nervous system agents	058	Analgesics	059	Miscellaneous analgesics
057	Central nervous system agents	058	Analgesics	060	Narcotic analgesics
057	Central nervous system agents	058	Analgesics	061	Nonsteroidal anti-inflammatory agents
057	Central nervous system agents	058	Analgesics	062	Salicylates
057	Central nervous system agents	058	Analgesics	063	Analgesic combinations
057	Central nervous system agents	058	Analgesics	191	Narcotic analgesic combinations

LEVEL 1		LEVEL 2		LEVEL 3	
CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME
057	Central nervous system agents	058	Analgesics	193	Antimigraine agents
057	Central nervous system agents	058	Analgesics	278	Cox-2 inhibitors
057	Central nervous system agents	058	Analgesics	502	CGRP inhibitors
057	Central nervous system agents	064	Anticonvulsants	199	Hydantoin anticonvulsants
057	Central nervous system agents	064	Anticonvulsants	200	Succinimide anticonvulsants
057	Central nervous system agents	064	Anticonvulsants	201	Barbiturate anticonvulsants
057	Central nervous system agents	064	Anticonvulsants	202	Oxazolidinedione anticonvulsants
057	Central nervous system agents	064	Anticonvulsants	203	Benzodiazepine anticonvulsants
057	Central nervous system agents	064	Anticonvulsants	204	Miscellaneous anticonvulsants
057	Central nervous system agents	064	Anticonvulsants	311	Dibenzazepine anticonvulsants
057	Central nervous system agents	064	Anticonvulsants	345	Fatty acid derivative anticonvulsants
057	Central nervous system agents	064	Anticonvulsants	346	Gamma-aminobutyric acid reuptake inhibitors
057	Central nervous system agents	064	Anticonvulsants	347	Gamma-aminobutyric acid analogs
057	Central nervous system agents	064	Anticonvulsants	348	Triazine anticonvulsants
057	Central nervous system agents	064	Anticonvulsants	349	Carbamate anticonvulsants
057	Central nervous system agents	064	Anticonvulsants	350	Pyrrolidine anticonvulsants
057	Central nervous system agents	064	Anticonvulsants	351	Carbonic anhydrase inhibitor anticonvulsants

LEVEL 1		LEVEL 2		LEVEL 3	
CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME
057	Central nervous system agents	064	Anticonvulsants	352	Urea anticonvulsants
057	Central nervous system agents	064	Anticonvulsants	446	Neuronal potassium channel openers
057	Central nervous system agents	064	Anticonvulsants	456	AMPA receptor antagonists
057	Central nervous system agents	065	Antiemetic/antivertigo agents	195	5HT3 receptor antagonists
057	Central nervous system agents	065	Antiemetic/antivertigo agents	196	Phenothiazine antiemetics
057	Central nervous system agents	065	Antiemetic/antivertigo agents	197	Anticholinergic antiemetics
057	Central nervous system agents	065	Antiemetic/antivertigo agents	198	Miscellaneous antiemetics
057	Central nervous system agents	065	Antiemetic/antivertigo agents	481	NK1 receptor antagonists
057	Central nervous system agents	066	Antiparkinson agents	205	Anticholinergic antiparkinson agents
057	Central nervous system agents	066	Antiparkinson agents	206	Miscellaneous antiparkinson agents
057	Central nervous system agents	066	Antiparkinson agents	276	Dopaminergic antiparkinsonism agents
057	Central nervous system agents	067	Anxiolytics, sedatives, and hypnotics	068	Barbiturates
057	Central nervous system agents	067	Anxiolytics, sedatives, and hypnotics	069	Benzodiazepines
057	Central nervous system agents	067	Anxiolytics, sedatives, and hypnotics	070	Miscellaneous anxiolytics, sedatives and hypnotics
057	Central nervous system agents	071	CNS stimulants		
057	Central nervous system agents	072	General anesthetics		

LEVEL 1		LEVEL 2		LEVEL 3	
CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME
057	Central nervous system agents	073	Muscle relaxants	074	Neuromuscular blocking agents
057	Central nervous system agents	073	Muscle relaxants	178	Skeletal muscle relaxants
057	Central nervous system agents	073	Muscle relaxants	179	Skeletal muscle relaxant combinations
057	Central nervous system agents	080	Miscellaneous central nervous system agents		
057	Central nervous system agents	253	Anorexiants		
057	Central nervous system agents	312	Cholinergic agonists		
057	Central nervous system agents	313	Cholinesterase inhibitors		
057	Central nervous system agents	378	Drugs used in alcohol dependence		
057	Central nervous system agents	496	VMAT2 inhibitors		
057	Central nervous system agents	516	Adrenergic uptake inhibitors for ADHD		
081	Coagulation modifiers	082	Anticoagulants	261	Heparins
081	Coagulation modifiers	082	Anticoagulants	262	Coumarins and indandionones
081	Coagulation modifiers	082	Anticoagulants	283	Thrombin inhibitors
081	Coagulation modifiers	082	Anticoagulants	285	Factor Xa inhibitors
081	Coagulation modifiers	083	Antiplatelet agents	211	Platelet aggregation inhibitors
081	Coagulation modifiers	083	Antiplatelet agents	212	Glycoprotein platelet inhibitors
081	Coagulation modifiers	083	Antiplatelet agents	463	Protease-activated receptor-1 antagonists
081	Coagulation modifiers	084	Heparin antagonists		
081	Coagulation modifiers	085	Miscellaneous coagulation modifiers		
081	Coagulation modifiers	086	Thrombolytics		
081	Coagulation modifiers	384	Platelet-stimulating agents		

LEVEL 1		LEVEL 2		LEVEL 3	
CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME
081	Coagulation modifiers	488	Anticoagulant reversal agents		
081	Coagulation modifiers	514	Hereditary angioedema agents		
087	Gastrointestinal agents	088	Antacids		
087	Gastrointestinal agents	090	Antidiarrheals		
087	Gastrointestinal agents	091	Digestive enzymes		
087	Gastrointestinal agents	092	Gallstone solubilizing agents		
087	Gastrointestinal agents	093	GI stimulants		
087	Gastrointestinal agents	094	H2 antagonists		
087	Gastrointestinal agents	095	Laxatives		
087	Gastrointestinal agents	096	Miscellaneous GI agents		
087	Gastrointestinal agents	272	Proton pump inhibitors		
087	Gastrointestinal agents	277	5-aminosalicylates		
087	Gastrointestinal agents	354	H. pylori eradication agents		
087	Gastrointestinal agents	355	Functional bowel disorder agents	089	Anticholinergics/antispasmodics
087	Gastrointestinal agents	355	Functional bowel disorder agents	356	Serotonergic neuroenteric modulators
087	Gastrointestinal agents	355	Functional bowel disorder agents	362	Chloride channel activators
087	Gastrointestinal agents	355	Functional bowel disorder agents	375	Peripheral opioid receptor antagonists
087	Gastrointestinal agents	355	Functional bowel disorder agents	455	Guanylate cyclase-C agonists
087	Gastrointestinal agents	355	Functional bowel disorder agents	490	Peripheral opioid receptor mixed agonists/antagonists
087	Gastrointestinal agents	355	Functional bowel disorder agents	508	NHE3 inhibitors
097	Hormones/hormone modifiers	098	Adrenal cortical steroids	300	Corticotropin
097	Hormones/hormone modifiers	098	Adrenal cortical steroids	301	Glucocorticoids
097	Hormones/hormone modifiers	098	Adrenal cortical steroids	302	Mineralocorticoids

LEVEL 1		LEVEL 2		LEVEL 3	
CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME
097	Hormones/hormone modifiers	100	Miscellaneous hormones		
097	Hormones/hormone modifiers	101	Sex hormones	102	Contraceptives
097	Hormones/hormone modifiers	101	Sex hormones	182	Androgens and anabolic steroids
097	Hormones/hormone modifiers	101	Sex hormones	183	Estrogens
097	Hormones/hormone modifiers	101	Sex hormones	184	Gonadotropins
097	Hormones/hormone modifiers	101	Sex hormones	185	Progestins
097	Hormones/hormone modifiers	101	Sex hormones	186	Sex hormone combinations
097	Hormones/hormone modifiers	101	Sex hormones	187	Miscellaneous sex hormones
097	Hormones/hormone modifiers	101	Sex hormones	279	Gonadotropin-releasing hormone and analogs
097	Hormones/hormone modifiers	103	Thyroid hormones		
097	Hormones/hormone modifiers	288	5-alpha-reductase inhibitors		
097	Hormones/hormone modifiers	295	Growth hormones		
097	Hormones/hormone modifiers	318	Insulin-like growth factor		
097	Hormones/hormone modifiers	357	Growth hormone receptor blockers		
097	Hormones/hormone modifiers	377	Prolactin inhibitors		
097	Hormones/hormone modifiers	410	Adrenal corticosteroid inhibitors		
097	Hormones/hormone modifiers	411	Calcitonin		

LEVEL 1		LEVEL 2		LEVEL 3	
CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME
097	Hormones/hormone modifiers	413	Antigonadotropic agents		
097	Hormones/hormone modifiers	414	Antidiuretic hormones		
097	Hormones/hormone modifiers	416	Somatostatin and somatostatin analogs		
097	Hormones/hormone modifiers	417	Selective estrogen receptor modulators		
097	Hormones/hormone modifiers	418	Parathyroid hormone and analogs		
097	Hormones/hormone modifiers	419	Gonadotropin-releasing hormone antagonists		
097	Hormones/hormone modifiers	420	Antiandrogens		
097	Hormones/hormone modifiers	422	Antithyroid agents		
097	Hormones/hormone modifiers	423	Aromatase inhibitors		
097	Hormones/hormone modifiers	424	Estrogen receptor antagonists		
097	Hormones/hormone modifiers	426	Synthetic ovulation stimulants		
097	Hormones/hormone modifiers	428	Progesterone receptor modulators		
097	Hormones/hormone modifiers	495	Calcimimetics		
097	Hormones/hormone modifiers	512	Melanocortin receptor agonists		
105	Miscellaneous agents	106	Antidotes		
105	Miscellaneous agents	107	Chelating agents		
105	Miscellaneous agents	108	Cholinergic muscle stimulants		
105	Miscellaneous agents	109	Local injectable anesthetics		

LEVEL 1		LEVEL 2		LEVEL 3	
CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME
105	Miscellaneous agents	110	Miscellaneous uncategorized agents		
105	Miscellaneous agents	111	Psoralens		
105	Miscellaneous agents	114	Illicit (street) drugs		
105	Miscellaneous agents	192	Antirheumatics		
105	Miscellaneous agents	270	Antipsoriatics		
105	Miscellaneous agents	284	Viscosupplementation agents		
105	Miscellaneous agents	320	Smoking cessation agents		
105	Miscellaneous agents	460	Phosphate binders		
105	Miscellaneous agents	491	Local injectable anesthetics with corticosteroids		
105	Miscellaneous agents	497	Cation exchange resins		
105	Miscellaneous agents	515	Peripheral opioid receptor agonists		
113	Genitourinary tract agents	263	Impotence agents		
113	Genitourinary tract agents	264	Urinary antispasmodics		
113	Genitourinary tract agents	265	Urinary pH modifiers		
113	Genitourinary tract agents	266	Miscellaneous genitourinary tract agents		
113	Genitourinary tract agents	412	Uterotonic agents		
113	Genitourinary tract agents	427	Tocolytic agents		
113	Genitourinary tract agents	519	Alpha-adrenoreceptor antagonists		
115	Nutritional products	116	Iron products		
115	Nutritional products	117	Minerals and electrolytes		
115	Nutritional products	118	Oral nutritional supplements		
115	Nutritional products	119	Vitamins		
115	Nutritional products	120	Vitamin and mineral combinations		
115	Nutritional products	121	Intravenous nutritional products		
122	Respiratory agents	123	Antihistamines		
122	Respiratory agents	124	Antitussives		

LEVEL 1		LEVEL 2		LEVEL 3	
CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME
122	Respiratory agents	125	Bronchodilators	126	Methylxanthines
122	Respiratory agents	125	Bronchodilators	180	Adrenergic bronchodilators
122	Respiratory agents	125	Bronchodilators	181	Bronchodilator combinations
122	Respiratory agents	125	Bronchodilators	299	Anticholinergic bronchodilators
122	Respiratory agents	127	Decongestants		
122	Respiratory agents	128	Expectorants		
122	Respiratory agents	129	Miscellaneous respiratory agents		
122	Respiratory agents	130	Respiratory inhalant products	296	Inhaled corticosteroids
122	Respiratory agents	130	Respiratory inhalant products	297	Mucolytics
122	Respiratory agents	130	Respiratory inhalant products	298	Mast cell stabilizers
122	Respiratory agents	130	Respiratory inhalant products	407	Inhaled anti-infectives
122	Respiratory agents	131	Antiasthmatic combinations		
122	Respiratory agents	132	Upper respiratory combinations		
122	Respiratory agents	243	Leukotriene modifiers		
122	Respiratory agents	273	Lung surfactants		
122	Respiratory agents	435	Selective phosphodiesterase-4 inhibitors		
133	Topical agents	134	Anorectal preparations		
133	Topical agents	135	Antiseptic and germicides		
133	Topical agents	136	Dermatological agents	137	Topical anti-infectives
133	Topical agents	136	Dermatological agents	138	Topical steroids
133	Topical agents	136	Dermatological agents	139	Topical anesthetics
133	Topical agents	136	Dermatological agents	140	Miscellaneous topical agents
133	Topical agents	136	Dermatological agents	141	Topical steroids with anti-infectives
133	Topical agents	136	Dermatological agents	143	Topical acne agents
133	Topical agents	136	Dermatological agents	144	Topical antipsoriatics

LEVEL 1		LEVEL 2		LEVEL 3	
CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME
133	Topical agents	136	Dermatological agents	248	Topical emollients
133	Topical agents	136	Dermatological agents	290	Topical antibiotics
133	Topical agents	136	Dermatological agents	291	Topical antivirals
133	Topical agents	136	Dermatological agents	292	Topical antifungals
133	Topical agents	136	Dermatological agents	380	Topical debriding agents
133	Topical agents	136	Dermatological agents	381	Topical depigmenting agents
133	Topical agents	136	Dermatological agents	382	Topical antihistamines
133	Topical agents	136	Dermatological agents	394	Topical astringents
133	Topical agents	136	Dermatological agents	395	Topical keratolytics
133	Topical agents	136	Dermatological agents	448	Topical non-steroidal anti-inflammatories
133	Topical agents	136	Dermatological agents	450	Topical antineoplastics
133	Topical agents	136	Dermatological agents	451	Topical photochemotherapeutics
133	Topical agents	136	Dermatological agents	453	Topical rubefacient
133	Topical agents	136	Dermatological agents	461	Topical anti-rosacea agents
133	Topical agents	146	Mouth and throat products		
133	Topical agents	147	Ophthalmic preparations	163	Ophthalmic anti-infectives
133	Topical agents	147	Ophthalmic preparations	164	Ophthalmic glaucoma agents
133	Topical agents	147	Ophthalmic preparations	165	Ophthalmic steroids
133	Topical agents	147	Ophthalmic preparations	166	Ophthalmic steroids with anti-infectives
133	Topical agents	147	Ophthalmic preparations	167	Ophthalmic anti-inflammatory agents
133	Topical agents	147	Ophthalmic preparations	168	Ophthalmic lubricants and irrigations
133	Topical agents	147	Ophthalmic preparations	169	Miscellaneous ophthalmic agents
133	Topical agents	147	Ophthalmic preparations	267	Ophthalmic antihistamines and decongestants
133	Topical agents	147	Ophthalmic preparations	286	Mydriatics
133	Topical agents	147	Ophthalmic preparations	287	Ophthalmic anesthetics

LEVEL 1		LEVEL 2		LEVEL 3	
CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME
133	Topical agents	147	Ophthalmic preparations	321	Ophthalmic diagnostic agents
133	Topical agents	147	Ophthalmic preparations	322	Ophthalmic surgical agents
133	Topical agents	147	Ophthalmic preparations	353	Anti-angiogenic ophthalmic agents
133	Topical agents	148	Otic preparations	170	Otic anti-infectives
133	Topical agents	148	Otic preparations	171	Otic steroids with anti-infectives
133	Topical agents	148	Otic preparations	172	Miscellaneous otic agents
133	Topical agents	148	Otic preparations	370	Otic steroids
133	Topical agents	148	Otic preparations	392	Otic anesthetics
133	Topical agents	148	Otic preparations	393	Cerumenolytics
133	Topical agents	150	Sterile irrigating solutions		
133	Topical agents	151	Vaginal preparations	149	Spermicides
133	Topical agents	151	Vaginal preparations	268	Vaginal anti-infectives
133	Topical agents	151	Vaginal preparations	269	Miscellaneous vaginal agents
133	Topical agents	247	Nasal preparations	244	Nasal lubricants and irrigations
133	Topical agents	247	Nasal preparations	245	Nasal steroids
133	Topical agents	247	Nasal preparations	246	Nasal antihistamines and decongestants
133	Topical agents	247	Nasal preparations	344	Nasal anti-infectives
133	Topical agents	506	Topical allergy diagnostic agents		
153	Plasma expanders				
218	Alternative medicines	219	Nutraceutical products		
218	Alternative medicines	220	Herbal products		
218	Alternative medicines	363	Probiotics		
242	Psychotherapeutic agents	079	Psychotherapeutic combinations		
242	Psychotherapeutic agents	249	Antidepressants	076	Miscellaneous antidepressants
242	Psychotherapeutic agents	249	Antidepressants	208	SSRI antidepressants

LEVEL 1		LEVEL 2		LEVEL 3	
CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME
242	Psychotherapeutic agents	249	Antidepressants	209	Tricyclic antidepressants
242	Psychotherapeutic agents	249	Antidepressants	250	Monoamine oxidase inhibitors
242	Psychotherapeutic agents	249	Antidepressants	306	Phenylpiperazine antidepressants
242	Psychotherapeutic agents	249	Antidepressants	307	Tetracyclic antidepressants
242	Psychotherapeutic agents	249	Antidepressants	308	SSNRI antidepressants
242	Psychotherapeutic agents	251	Antipsychotics	077	Miscellaneous antipsychotic agents
242	Psychotherapeutic agents	251	Antipsychotics	210	Phenothiazine antipsychotics
242	Psychotherapeutic agents	251	Antipsychotics	280	Thioxanthenes
242	Psychotherapeutic agents	251	Antipsychotics	341	Atypical antipsychotics
242	Psychotherapeutic agents	504	Antimanic agents		
254	Immunologic agents	033	Immune globulins		
254	Immunologic agents	104	Immunosuppressive agents	441	Calcineurin inhibitors
254	Immunologic agents	104	Immunosuppressive agents	442	TNF alpha inhibitors
254	Immunologic agents	104	Immunosuppressive agents	443	Interleukin inhibitors
254	Immunologic agents	104	Immunosuppressive agents	444	Selective immunosuppressants
254	Immunologic agents	104	Immunosuppressive agents	445	Other immunosuppressants
254	Immunologic agents	437	Immunostimulants	031	Bacterial vaccines
254	Immunologic agents	437	Immunostimulants	032	Colony stimulating factors
254	Immunologic agents	437	Immunostimulants	038	Viral vaccines
254	Immunologic agents	437	Immunostimulants	256	Interferons
254	Immunologic agents	437	Immunostimulants	432	Vaccine combinations
254	Immunologic agents	437	Immunostimulants	438	Interleukins
254	Immunologic agents	437	Immunostimulants	439	Other immunostimulants
254	Immunologic agents	437	Immunostimulants	440	Therapeutic vaccines
331	Radiologic agents	027	Radiopharmaceuticals	338	Diagnostic radiopharmaceuticals
331	Radiologic agents	027	Radiopharmaceuticals	339	Therapeutic radiopharmaceuticals

LEVEL 1		LEVEL 2		LEVEL 3	
CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME
331	Radiologic agents	112	Radiocontrast agents	333	Miscellaneous iodinated contrast media
331	Radiologic agents	112	Radiocontrast agents	334	Lymphatic staining agents
331	Radiologic agents	112	Radiocontrast agents	335	Magnetic resonance imaging contrast media
331	Radiologic agents	112	Radiocontrast agents	336	Non-iodinated contrast media
331	Radiologic agents	112	Radiocontrast agents	337	Ultrasound contrast media
331	Radiologic agents	112	Radiocontrast agents	368	Non-ionic iodinated contrast media
331	Radiologic agents	112	Radiocontrast agents	369	Ionic iodinated contrast media
331	Radiologic agents	112	Radiocontrast agents	464	Miscellaneous diagnostic dyes
331	Radiologic agents	332	Radiologic adjuncts	374	Cardiac stressing agents
331	Radiologic agents	332	Radiologic adjuncts	376	Radiologic conjugating agents
358	Metabolic agents	019	Antihyperlipidemic agents	173	HMG-CoA reductase inhibitors (statins)
358	Metabolic agents	019	Antihyperlipidemic agents	174	Miscellaneous antihyperlipidemic agents
358	Metabolic agents	019	Antihyperlipidemic agents	241	Fibric acid derivatives
358	Metabolic agents	019	Antihyperlipidemic agents	252	Bile acid sequestrants
358	Metabolic agents	019	Antihyperlipidemic agents	316	Cholesterol absorption inhibitors
358	Metabolic agents	019	Antihyperlipidemic agents	317	Antihyperlipidemic combinations
358	Metabolic agents	019	Antihyperlipidemic agents	484	PCSK9 inhibitors
358	Metabolic agents	099	Antidiabetic agents	213	Sulfonylureas
358	Metabolic agents	099	Antidiabetic agents	214	Biguanides
358	Metabolic agents	099	Antidiabetic agents	215	Insulin
358	Metabolic agents	099	Antidiabetic agents	216	Alpha-glucosidase inhibitors
358	Metabolic agents	099	Antidiabetic agents	271	Thiazolidinediones
358	Metabolic agents	099	Antidiabetic agents	282	Meglitinides
358	Metabolic agents	099	Antidiabetic agents	309	Miscellaneous antidiabetic agents

LEVEL 1		LEVEL 2		LEVEL 3	
CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME
358	Metabolic agents	099	Antidiabetic agents	314	Antidiabetic combinations
358	Metabolic agents	099	Antidiabetic agents	371	Dipeptidyl peptidase 4 inhibitors
358	Metabolic agents	099	Antidiabetic agents	372	Amylin analogs
358	Metabolic agents	099	Antidiabetic agents	373	GLP-1 receptor agonists
358	Metabolic agents	099	Antidiabetic agents	458	SGLT-2 inhibitors
358	Metabolic agents	194	Antigout agents		
358	Metabolic agents	289	Antihyperuricemic agents		
358	Metabolic agents	293	Glucose elevating agents		
358	Metabolic agents	359	Peripherally acting antiobesity agents		
358	Metabolic agents	360	Lysosomal enzymes		
358	Metabolic agents	361	Miscellaneous metabolic agents		
358	Metabolic agents	409	Bone resorption inhibitors	217	Bisphosphonates
358	Metabolic agents	409	Bone resorption inhibitors	415	Miscellaneous bone resorption inhibitors
358	Metabolic agents	452	CFTR modulators		
358	Metabolic agents	459	Urea cycle disorder agents		
358	Metabolic agents	466	Bone morphogenetic proteins		
358	Metabolic agents	487	CFTR combinations		
358	Metabolic agents	505	Transthyretin stabilizers		
365	Medical gas				
462	Allergenics				
511	Renal replacement solutions				
513	Investigational drugs				
899	Pharmaceutical aids				