

ABSTRACT

This material provides documentation for users of the Emergency Department public use micro-data file of the 2019 National Hospital Ambulatory Medical Care Survey (NHAMCS). The 2019 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 2019

The 2019 NHAMCS Emergency Department (ED) micro-data file is similar in many respects to the 2018 file. Changes are listed below:

A. Survey Items

1. New or Modified Items on the Automated Patient Record Form or Hospital Induction Interview Form

No items were added for 2019 except for the reinstatement of the question "How many days in a week are inpatient elective surgeries scheduled? (SURGDAY). This item had been included in the survey instrument and the public use file for many years but was omitted from the survey instrument by mistake in 2018. It was added back to the survey instrument in 2019.

2. Deleted items

A total of 39 items related to the ED's electronic medical records system were removed from the survey instrument for 2019. They include the following:

Does your ED submit any claims electronically (electronic billing)? (EBILLANYE)

Does your ED have the computerized capability for recording patient history and demographic information? (Does your ED use electronic health record (EHR) system? Do not including billing systems.) (EDEMOGER)

If yes to recording patient history and demographic information, does this include a patient problem list? (EPROLSTER)

Does your ED have the computerized capability for recording clinical notes? (EPNOTESER)

Does your ED have the computerized capability for recording patient's medications and allergies? (EMEDALGER)

Does your ED have the computerized capability for reconciling lists of patients' medications to identify the most accurate list? (EMEDIDER)

Does your ED have the computerized capability for providing reminders for guideline-based interventions or screening tests? (EREMINDER)

Does your ED have the computerized capability for ordering prescriptions? (ECPOEER)

If computerized capability for ordering prescriptions, are prescriptions sent electronically to the pharmacy? (ESCRIPER)

If computerized capability for ordering prescriptions, are warnings of drug interactions or contraindications provided? (EWARNER)

Do you prescribe controlled substances? (ECONTR)

Are prescriptions for controlled substances sent electronically to the pharmacy?
(ECONTSCRIPR)

Does your ED have the computerized capability for ordering lab tests? (ECTOEER)

Does your ED have the computerized capability for viewing lab results? (ERESULTER)

Does your ED have the computerized capability for ordering radiology tests? (ERADIER)

Does your ED have the computerized capability for viewing imaging results? (EIMGRESER)

Does your ED have the computerized capability for identifying patients due for preventive or follow-up care in order to send patients reminders? (EIDPTEER)

Does your ED have the computerized capability for generating a list of patients with particular health conditions? (EGENLISTER)

Does your ED have the computerized capability of providing data to create reports on clinical care measures for patients with specific chronic conditions? (EDATAREPER)

Does your ED have the computerized capability for providing patients with clinical summaries for each visit? (ESUMER)

Does your ED have the computerized capability for exchanging secure messages with patients?
(EMSGER)

Does your hospital share any patient health information electronically? (ESHAREE)

Do you electronically send patient health information to another provider whose EHR system is different from your own? (ESHARESE)

Do you electronically receive patient health information to another provider whose EHR system is different from your own? (ESHARERE)

Do you electronically send hospital discharge summaries to or from providers outside of your medical organization? (EDISCHSRE1)

Do you electronically receive hospital discharge summaries to or from providers outside of your medical organization? (EDISCHSRE2)

Do you not electronically send hospital discharge summaries to or from providers outside of your medical organization? (EDISCHSRE3)

Do you electronically send dept. notifications to or from providers outside of your medical organization? (EEDSRE1)

Do you electronically receive dept. notifications to or from providers outside of your medical organization? (EEDSRE2)

Do you not electronically send dept. notifications to or from providers outside of your medical organization? (EEDSRE3)

Do you electronically send summary of care records for transitions of care or referrals to and from providers outside of your medical organization? (ESUMCSRE1)

Do you electronically receive summary of care records for transitions of care or referrals to and from providers outside of your medical organization? (ESUMCSRE2)

Do you not electronically send summary of care records for transitions of care or referrals to and from providers outside of your medical organization? (ESUMCSRE3)

Can patients seen at the reporting location view their medical records online? (PTONLINEE1)

Can patients seen at the reporting location download and transmit health information from the electronic medical record to their personal files? (PTONLINEE2)

Can patients seen at the reporting location request corrections to their electronic medical record? (PTONLINEE3)

Can patients seen at the reporting location enter their health information online (e.g., weight, symptoms)? (PTONLINEE4)

Can patients seen at the reporting location upload their data from self-monitoring devices (e.g., blood glucose readings)? (PTONLINEE5)

Can patients seen at the reporting location do none of the above online activities? (PTONLINEE6)

B. Data Collection and Comparability of 2019 NHAMCS Estimates with Previous Years of Data

Because the 2012 survey year incorporated major changes to the mode of data collection, 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 2019, 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 2018 and 2019 data.

To accomplish this, estimates from more than 20 tables of 2019 estimates were compared with the same tables of 2018 estimates. These followed the format of the annual web tables (available from: https://www.cdc.gov/nchs/ahcd/ahcd_products.htm). The total estimated number of ED visits was not significantly different between 2018 and 2019. The majority of compared percentages did not differ significantly between these years, and most differences noted were relatively small.

Also, as mentioned in the 2018 documentation, data on ED visits resulting in admission to the observation unit followed by hospitalization (OBOSHOS=1) were found to have problems relating to internal data processing. These problems have been resolved starting with 2017 data, but data for this variable in 2014, 2015, and 2016 are also likely affected, resulting in undercounts. Steps are being taken by survey staff to examine these problems and update the variables as needed.

NCHS staff will continue to monitor these and other changes with regard to 2019 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 2019, 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.

For 2019, 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 2019 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 Ambulatory and Hospital Care Statistics Branch (AHCSB) at 301-458-4600 or email ambcare@cdc.gov.

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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 is conducted by 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 has only fielded the emergency department component; the OPD and ambulatory surgery components (the latter having been added in 2009) are no longer being fielded.

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 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 2019, there were 19,481 electronic Patient Record forms (PRFs) provided by EDs that participated in the survey.

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

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 25. If more information is needed, the staff of the 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.

RELIABILITY OF ESTIMATES

Researchers should also be aware of the reliability or unreliability of survey estimates. The National Center for Health Statistics considers an estimated number of visits or a visit rate to be reliable if it has a relative standard error of 30 percent or less (i.e., the standard error is no more than 30 percent of the estimate) and it is based on at least 30 sample records. In 2017, NCHS released new [guidelines](#) for determining the reliability of proportions. These standards are based on a minimum denominator sample size and on the absolute and relative widths of a confidence interval calculated using the Clopper-Pearson method. Additional information about relative standard errors is presented in Appendix I. If you have questions, do not hesitate to consult the staff of the Ambulatory and Hospital Care Statistics Branch.

B. SAMPLE DESIGN

The 2019 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 2019, the sample uses 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)

1. National sample

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 last updated for the 2017 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 sampling frame and sample will be updated again for the 2020 survey and plans are to update again every three years thereafter.

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 2019 NHAMCS included a sample of 473 hospitals. Of the sampled hospitals, 106 were found to be ineligible due to closing or other reasons. Of the 367 hospitals that were in scope (eligible) for the survey, 309 responded (i.e., reported their total numbers of emergency services areas and visits), for an unweighted hospital response rate of 84.2 percent (82.9 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 473 hospitals was selected for the 2019 NHAMCS, of which 367 were in scope and had eligible EDs. Of these, 309 responded, yielding an unweighted ED response rate of 84.2 (82.9 percent weighted). A total of 422 ESAs were identified from the respondent EDs. Of these, 269 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 19 responded minimally (i.e. they provided fewer than half of their expected forms). The resulting unweighted ESA sample response rate was 63.7 (71.7 percent weighted), and the overall unweighted ESA response rate (ED rate times ESA rate) was 53.7 percent (59.4 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 *n*th 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 2019, electronic PRFs were completed for 19,481 ED visits.

C. DATA COLLECTION PROCEDURES

1. Field Training

The U.S. Census Bureau was the data collection agent for the 2019 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 eight hours of self-study and 12 hours of classroom training. Continuing FRs received one hour of annual survey training and another hour of refresher 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 and IRB approval and later conduct 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 2019, 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: http://www.cdc.gov/nchs/ahcd/ahcd_survey_instruments.htm

Link to ED Patient Record Form: https://www.cdc.gov/nchs/data/nhamcs/2019_ED_PRF_-sample_card-508.pdf

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

The 2019 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 (Title 5 of PL 107-347). 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 17 percent sample of records which were independently recoded and compared. Differences were adjudicated by RTI with error rates reported to NCHS. Coding error rates ranged between 0.1 and 3.7 percent for the ED sample.

3. Adjustment for item nonresponse

The following items had an unweighted item nonresponse rate greater than 5.0 percent:

| VARIABLE | VARIABLE DESCRIPTION | DENOMINATOR | NONRESPONSE % |
|----------|---|-------------|---------------|
| WAITTIME | Wait time to first provider (Physician/APRN/PA) contact, in minutes | All visits | 13.9 |
| RACEUN | Unimputed race | All visits | 20.5 |
| ETHUN | Unimputed ethnicity | All visits | 17.0 |

| | | | |
|-------------|--|---|------|
| AMBTRANSFER | Was the patient transferred from another hospital or urgent care facility? | Visits where patient arrived by ambulance | 15.2 |
| PAYTYPER | Recoded primary expected source of payment for visit (based on hierarchy) | All visits | 11.0 |
| TEMPF | Initial vital signs: Temperature (Fahrenheit) | All visits | 6.6 |
| PULSE | Initial vital signs: Heart rate per minute | All visits | 6.6 |
| RESPR | Initial vital signs: Respiratory rate per minute | All visits | 5.3 |
| BPSYS | Initial vital signs: Blood pressure - Systolic | All visits | 11.7 |
| BPDIAS | Initial vital signs: Blood pressure - Diastolic | All visits | 11.9 |
| POPCT | Initial vital signs: Pulse oximetry (percent) | All visits | 6.5 |
| IMMEDR | Immediacy with which patient should be seen (unimputed) | All visits to ESAs that conduct nursing triage | 23.3 |
| PAINSCALE | Pain scale (0-10) | All visits | 36.6 |
| SEEN72 | Was patient seen in this ED within the last 72 hours? | All visits | 6.9 |
| EPISODE | Episode of care | All visits | 5.7 |
| 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 | 23.4 |
| INTENT15 | Is this injury/overdose/poisoning intentional? | Injury-, poisoning-, and adverse effects-related visits | 6.6 |
| INJURY_ENC | Type of encounter for injury visits | Injury-, poisoning-, and adverse effects-related visits | 11.1 |
| CAUSE1 | Cause #1 of injury/trauma, overdose/poisoning, or adverse effect of medical/surgical treatment - detailed category | Injury-, poisoning-, and adverse effects-related visits | 25.0 |

| | | | |
|-------------|---|--|------|
| CTCONTRAST | Was CT Scan ordered/provided with intravenous (IV) contrast? | All visits where CT scan was ordered or provided | 12.6 |
| 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 | 23.7 |
| GPMED7 | Was medication #7 given in ED or prescribed at discharge? | Visits with at least 7 medications reported | 5.4 |
| GPMED8 | Was medication #8 given in ED or prescribed at discharge? | Visits with at least 8 medications reported | 6.7 |
| GPMED9 | Was medication #9 given in ED or prescribed at discharge? | Visits with at least 9 medications reported | 8.3 |
| GPMED10 | Was medication #10 given in ED or prescribed at discharge? | Visits with at least 10 medications reported | 9.3 |
| GPMED11 | Was medication #11 given in ED or prescribed at discharge? | Visits with at least 11 medications reported | 10.3 |
| GPMED12 | Was medication #12 given in ED or prescribed at discharge? | Visits with at least 12 medications reported | 12.5 |
| GPMED13 | Was medication #13 given in ED or prescribed at discharge? | Visits with at least 13 medications reported | 14.7 |
| GPMED14 | Was medication #14 given in ED or prescribed at discharge? | Visits with at least 14 medications reported | 14.6 |
| GPMED15 | Was medication #15 given in ED or prescribed at discharge? | Visits with at least 15 medications reported | 14.6 |
| GPMED16 | Was medication #16 given in ED or prescribed at discharge? | Visits with at least 16 medications reported | 13.7 |
| GPMED17 | Was medication #17 given in ED or prescribed at discharge? | Visits with at least 17 medications reported | 14.6 |
| GPMED19 | Was medication #19 given in ED or prescribed at discharge? | Visits with at least 19 medications reported | 9.3 |
| GPMED20 | Was medication #20 given in ED or prescribed at discharge? | Visits with at least 20 medications reported | 10.2 |
| GPMED21 | Was medication #21 given in ED or prescribed at discharge? | Visits with at least 21 medications reported | 12.5 |
| GPMED22 | Was medication #22 given in ED or prescribed at discharge? | Visits with at least 22 medications reported | 10.3 |

| | | | |
|----------|--|---|------|
| GPMED23 | Was medication #23 given in ED or prescribed at discharge? | Visits with at least 23 medications reported | 10.0 |
| GPMED24 | Was medication #24 given in ED or prescribed at discharge? | Visits with at least 24 medications reported | 7.7 |
| TEMPDF | Vitals after triage: Temperature in Fahrenheit | All visits where vitals were taken at discharge | 38.5 |
| PULSED | Vitals after triage: Heart rate (beats per minute) | All visits where vitals were taken at discharge | 7.2 |
| RESPRD | Vitals after triage: Respiratory rate (breaths per minute) | All visits where vitals were taken at discharge | 8.3 |
| BPDSYSD | Vitals after triage: Systolic blood pressure | All visits where vitals were taken at discharge | 9.9 |
| BPDIASD | Vitals after triage: Diastolic blood pressure | All visits where vitals were taken at discharge | 9.8 |
| LOV | Length of ED visit | All visits | 6.4 |
| OBSSTAY | Length of stay in observation unit | Visits that included stay in observation unit | 24.5 |
| ADMTPHYS | Admitting physician | Visits that resulted in hospital admission | 28.5 |
| ADMIT | Admitted to: | Visits that resulted in hospital admission | 15.9 |
| BOARDED | Time from hospital admit order to time actually left ED | Visits that resulted in hospital admission | 27.8 |
| LOS | Length of stay in hospital | Visits that resulted in hospital admission | 8.2 |
| HDDIAG1 | Hospital discharge diagnosis #1 | Visits that resulted in hospital admission | 5.7 |
| STAY24 | ED discharge greater than 24 hours | All visits | 5.9 |
| 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 | 9.8 |

| | | | |
|-----------|--|--|------|
| 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 | 8.6 |
| OBSCLIN | Does your ED have an observation or clinical decision unit? | All visits | 5.8 |
| AMBDIV | Did your ED go on ambulance diversion in 2017? | All visits | 11.4 |
| TOTHRDIVR | What is the total number of hours that your hospital's ED was on ambulance diversion in 2018? | All visits to EDs that went on ambulance diversion | 29.6 |
| ADMDIV | Does your hospital continue to admit elective or schedule surgery cases when ED is on ambulance diversion? | All visits to EDs that went on ambulance diversion | 5.3 |
| REGDIV | Is ambulance diversion actively managed on a regional level versus each hospital adopting diversion if and when it chooses? | All visits to EDs that went on ambulance diversion | 5.8 |
| EXPSPACE | Do you have plans to expand your ED's physical space within the next two years? | All visits | 13.6 |
| CATRIAGE | Does your ED use computer-assisted triage? | All visits | 6.6 |
| ADVTRIAG | Does your ED use advanced triage (triage-based care) protocols? | All visits | 11.2 |
| RFID | Does your ED use radio frequency identification (RFID) tracking? | All visits | 9.1 |

| | | | |
|----------|---|------------|-----|
| ZONENURS | Does your ED use zone nursing? | All visits | 7.6 |
| POOLNURS | Does your ED use pool nurses? | All visits | 8.2 |
| SURGDAY | How many days in a week are inpatient elective surgeries scheduled? | All visits | 7.5 |

Denominators used to compute item nonresponse rates were adjusted to account for skip patterns on the PRF. For example, if a hospital reported it did not go on ambulance diversion in the year prior to the survey (in this case, 2018), 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 in order to protect respondent confidentiality. 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 (0.3%), sex (0.3 percent), race (20.5 percent), and ethnicity (17.0 percent). 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 was 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, 10th 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 7th 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 4th 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 4th 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
 ZZZ1 = Left before being seen, walked out, eloped, left against medical advice
 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")

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 are coded in terms of their generic components and therapeutic classifications using Lexicon Plus®, a proprietary database of Cerner Multum, Inc. The Lexicon Plus 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. For additional information on the Multum Lexicon Drug Database, please refer to the following Web site: http://www.cerner.com/cerner_multum/

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: ftp://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 '504'. 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 five 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 immunologic agents. There are six level 2 categories of immunologic agents, 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 (DRUG_INGREDIENTS_2019) 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 2019, 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 at ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Dataset_Documentation/NHAMCS/drugs/. Note, however, that the most recent version is for 2013; 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 2019 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 Ambulatory and Hospital Care Statistics

Branch is available by calling (301) 458-4600 or emailing 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 NHAMCS.

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 19,481 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 19,481 sample visit records for 2019, the user can obtain the estimated total of 150,649,792 ED visits made in the United States.

IMPORTANT: Estimates for classes of ED visits other than the total produced from the 2019 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 (www.cdc.gov/nchs/nhamcs.htm). For more information, contact the Ambulatory and Hospital Care Statistics Branch at 301-458-4600 or emailing 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. are from special tabulations developed by the Population Division, U.S. Census Bureau using the July 1, 2019 set of state population estimates and reflect Census 2010 data. More information may be obtained from the Census website at www.census.gov.

Population estimates by metropolitan statistical area (MSA) status are based on estimates of the civilian noninstitutionalized population from the 2019 National Health Interview Survey (NHIS), National Center for Health Statistics, compiled according to the August 2017 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 2019 NHAMCS are based on data from the 2010 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 2019 population estimates indicate that 2.8 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 2019 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, 2019

| Race and sex | All ages | Under 1 | 1-4 | 5-14 | 15-24 | 25-34 |
|--------------|-------------|-----------|------------|------------|------------|------------|
| All Races | 323,186,697 | 3,781,275 | 15,789,965 | 40,955,416 | 41,718,700 | 44,741,184 |
| Male | 158,056,089 | 1,934,249 | 8,072,244 | 20,915,401 | 20,988,582 | 22,315,913 |
| Female | 165,130,608 | 1,847,026 | 7,717,721 | 20,040,015 | 20,730,118 | 22,425,271 |
| White Only | 247,060,391 | 2,721,189 | 11,330,819 | 29,536,538 | 30,626,464 | 32,754,012 |
| Male | 121,883,062 | 1,393,290 | 5,803,633 | 15,116,199 | 15,498,017 | 16,530,877 |
| Female | 125,177,329 | 1,327,899 | 5,527,186 | 14,420,339 | 15,128,447 | 16,223,135 |
| Black Only | 42,733,597 | 570,958 | 2,385,507 | 6,179,986 | 6,152,906 | 6,631,065 |
| Male | 20,010,440 | 290,660 | 1,207,807 | 3,129,747 | 3,013,640 | 3,157,759 |
| Female | 22,723,157 | 280,298 | 1,177,700 | 3,050,239 | 3,139,266 | 3,473,306 |
| AIAN* Only | 4,118,863 | 60,996 | 252,961 | 657,276 | 630,077 | 639,039 |
| Male | 2,052,734 | 31,156 | 128,816 | 334,470 | 315,834 | 325,233 |
| Female | 2,066,129 | 29,840 | 124,145 | 322,806 | 314,243 | 313,806 |
| Asian Only | 19,411,309 | 186,035 | 828,896 | 2,185,571 | 2,440,029 | 3,304,924 |
| Male | 9,239,995 | 95,511 | 426,284 | 1,114,544 | 1,220,054 | 1,611,883 |
| Female | 10,171,314 | 90,524 | 402,612 | 1,071,027 | 1,219,975 | 1,693,041 |
| NHOPI* Only | 785,882 | 11,138 | 47,061 | 119,697 | 112,405 | 132,906 |
| Male | 392,575 | 5,696 | 23,964 | 60,818 | 55,906 | 67,314 |
| Female | 393,307 | 5,442 | 23,097 | 58,879 | 56,499 | 65,592 |
| MultipleRace | 9,076,655 | 230,959 | 944,721 | 2,276,348 | 1,756,819 | 1,279,238 |
| Male | 4,477,283 | 117,936 | 481,740 | 1,159,623 | 885,131 | 622,847 |
| Female | 4,599,372 | 113,023 | 462,981 | 1,116,725 | 871,688 | 656,391 |

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

| Geographic Region totals | | Metropolitan Statistical Area totals | |
|--------------------------|-------------|--------------------------------------|-------------|
| Northeast | 55,272,079 | MSA | 277,229,518 |
| Midwest | 67,353,354 | Non-MSA | 45,957,179 |
| South | 123,316,691 | | |
| West | 77,244,573 | | |

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, 2019 - con.

| Race and sex | 35-44 | 45-54 | 55-64 | 65-74 | 75+ |
|--------------|------------|------------|------------|------------|------------|
| All Races | 40,858,226 | 40,365,516 | 42,196,533 | 31,260,202 | 21,519,680 |
| Male | 20,091,354 | 19,736,879 | 20,316,269 | 14,586,962 | 9,098,236 |
| Female | 20,766,872 | 20,628,637 | 21,880,264 | 16,673,240 | 12,421,444 |
| White Only | 30,709,813 | 31,226,799 | 33,880,092 | 25,951,950 | 18,322,715 |
| Male | 15,378,398 | 15,519,556 | 16,517,751 | 12,276,399 | 7,848,942 |
| Female | 15,331,415 | 15,707,243 | 17,362,341 | 13,675,551 | 10,473,773 |
| Black Only | 5,464,871 | 5,227,559 | 5,097,848 | 3,174,403 | 1,848,494 |
| Male | 2,488,234 | 2,372,272 | 2,311,561 | 1,356,943 | 681,817 |
| Female | 2,976,637 | 2,855,287 | 2,786,287 | 1,817,460 | 1,166,677 |
| AIAN* Only | 549,911 | 488,465 | 440,043 | 258,966 | 141,129 |
| Male | 278,957 | 244,042 | 212,686 | 121,427 | 60,113 |
| Female | 270,954 | 244,423 | 227,357 | 137,539 | 81,016 |
| Asian Only | 3,116,112 | 2,672,518 | 2,163,355 | 1,513,220 | 1,000,649 |
| Male | 1,459,410 | 1,244,809 | 983,275 | 664,189 | 420,036 |
| Female | 1,656,702 | 1,427,709 | 1,180,080 | 849,031 | 580,613 |
| NHOPI* Only | 120,283 | 94,545 | 77,959 | 45,514 | 24,374 |
| Male | 61,371 | 47,046 | 37,895 | 21,772 | 10,793 |
| Female | 58,912 | 47,499 | 40,064 | 23,742 | 13,581 |
| MultipleRace | 897,236 | 655,630 | 537,236 | 316,149 | 182,319 |
| Male | 424,984 | 309,154 | 253,101 | 146,232 | 76,535 |
| Female | 472,252 | 346,476 | 284,135 | 169,917 | 105,784 |

*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, 2019. The estimates of age, sex, race and region are from special tabulations developed by the Population Division, U.S. Census Bureau using the July 1, 2019 set of state population estimates and reflect Census 2010 data. More information may be obtained from the Census website at www.census.gov.

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, 2019

| HISPANIC | | | | | | |
|----------------|------------|---------|-----------|------------|-----------|-----------|
| Race and sex | All ages | Under 1 | 1-4 | 5-14 | 15-24 | 25-34 |
| All Races | 59,916,008 | 983,097 | 4,109,866 | 10,561,354 | 9,711,072 | 9,316,669 |
| Male | 30,016,570 | 502,215 | 2,095,136 | 5,383,348 | 4,904,490 | 4,791,443 |
| Female | 29,899,438 | 480,882 | 2,014,730 | 5,178,006 | 4,806,582 | 4,525,226 |
| White Only | 52,633,046 | 840,180 | 3,516,670 | 9,082,973 | 8,466,500 | 8,155,627 |
| Male | 26,389,526 | 429,295 | 1,793,610 | 4,630,587 | 4,274,855 | 4,203,594 |
| Female | 26,243,520 | 410,885 | 1,723,060 | 4,452,386 | 4,191,645 | 3,952,033 |
| Black Only | 2,886,400 | 52,854 | 220,786 | 558,350 | 481,058 | 474,717 |
| Male | 1,404,283 | 26,963 | 112,155 | 283,760 | 243,175 | 234,895 |
| Female | 1,482,117 | 25,891 | 108,631 | 274,590 | 237,883 | 239,822 |
| AIAN* Only | 1,738,395 | 29,545 | 122,748 | 308,934 | 284,953 | 281,038 |
| Male | 897,725 | 15,059 | 62,233 | 157,718 | 144,363 | 149,307 |
| Female | 840,670 | 14,486 | 60,515 | 151,216 | 140,590 | 131,731 |
| Asian Only | 593,517 | 10,848 | 44,935 | 110,529 | 98,036 | 95,889 |
| Male | 294,066 | 5,551 | 23,013 | 56,592 | 49,625 | 47,414 |
| Female | 299,451 | 5,297 | 21,922 | 53,937 | 48,411 | 48,475 |
| NHOPI* Only | 208,733 | 3,520 | 14,613 | 37,565 | 33,550 | 36,709 |
| Male | 107,272 | 1,796 | 7,411 | 19,011 | 16,968 | 19,763 |
| Female | 101,461 | 1,724 | 7,202 | 18,554 | 16,582 | 16,946 |
| Multiple Races | 1,855,917 | 46,150 | 190,114 | 463,003 | 346,975 | 272,689 |
| Male | 923,698 | 23,551 | 96,714 | 235,680 | 175,504 | 136,470 |
| Female | 932,219 | 22,599 | 93,400 | 227,323 | 171,471 | 136,219 |

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, 2019 - con.

| Race and sex | 35-44 | 45-54 | 55-64 | 65-74 | 75+ |
|----------------|-----------|-----------|-----------|-----------|-----------|
| All Races | 8,527,807 | 7,065,369 | 5,053,983 | 2,808,235 | 1,778,556 |
| Male | 4,344,392 | 3,534,456 | 2,458,962 | 1,283,968 | 718,160 |
| Female | 4,183,415 | 3,530,913 | 2,595,021 | 1,524,267 | 1,060,396 |
| White Only | 7,527,844 | 6,325,697 | 4,534,890 | 2,545,898 | 1,636,767 |
| Male | 3,848,031 | 3,174,045 | 2,210,133 | 1,164,008 | 661,368 |
| Female | 3,679,813 | 3,151,652 | 2,324,757 | 1,381,890 | 975,399 |
| Black Only | 403,957 | 298,661 | 214,962 | 114,789 | 66,266 |
| Male | 189,837 | 137,419 | 99,155 | 50,885 | 26,039 |
| Female | 214,120 | 161,242 | 115,807 | 63,904 | 40,227 |
| AIAN* Only | 258,813 | 206,661 | 143,914 | 68,204 | 33,585 |
| Male | 138,347 | 109,146 | 73,892 | 33,409 | 14,251 |
| Female | 120,466 | 97,515 | 70,022 | 34,795 | 19,334 |
| Asian Only | 85,105 | 66,014 | 45,764 | 23,531 | 12,866 |
| Male | 42,434 | 32,152 | 21,787 | 10,466 | 5,032 |
| Female | 42,671 | 33,862 | 23,977 | 13,065 | 7,834 |
| NHOPI* | 33,728 | 23,568 | 15,055 | 6,904 | 3,521 |
| Male | 18,222 | 11,989 | 7,409 | 3,281 | 1,422 |
| Female | 15,506 | 11,579 | 7,646 | 3,623 | 2,099 |
| Multiple Races | 218,360 | 144,768 | 99,398 | 48,909 | 25,551 |
| Male | 107,521 | 69,705 | 46,586 | 21,919 | 10,048 |
| Female | 110,839 | 75,063 | 52,812 | 26,990 | 15,503 |

*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, 2019. They were developed by the Population Division, U.S. Census Bureau using the July 1, 2019 set of state population estimates and reflect Census 2010 data. More information may be obtained from the Census website at www.census.gov.

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, 2019 – con.

| NON-HISPANIC | | | | | | |
|---------------------|-------------|-----------|------------|------------|------------|------------|
| Race and sex | All ages | Under 1 | 1-4 | 5-14 | 15-24 | 25-34 |
| All Races | 263,270,689 | 2,798,178 | 11,680,099 | 30,394,062 | 32,007,628 | 35,424,515 |
| Male | 128,039,519 | 1,432,034 | 5,977,108 | 15,532,053 | 16,084,092 | 17,524,470 |
| Female | 135,231,170 | 1,366,144 | 5,702,991 | 14,862,009 | 15,923,536 | 17,900,045 |
| White Only | 194,427,345 | 1,881,009 | 7,814,149 | 20,453,565 | 22,159,964 | 24,598,385 |
| Male | 95,493,536 | 963,995 | 4,010,023 | 10,485,612 | 11,223,162 | 12,327,283 |
| Female | 98,933,809 | 917,014 | 3,804,126 | 9,967,953 | 10,936,802 | 12,271,102 |
| Black Only | 39,847,197 | 518,104 | 2,164,721 | 5,621,636 | 5,671,848 | 6,156,348 |
| Male | 18,606,157 | 263,697 | 1,095,652 | 2,845,987 | 2,770,465 | 2,922,864 |
| Female | 21,241,040 | 254,407 | 1,069,069 | 2,775,649 | 2,901,383 | 3,233,484 |
| AIAN* Only | 2,380,468 | 31,451 | 130,213 | 348,342 | 345,124 | 358,001 |
| Male | 1,155,009 | 16,097 | 66,583 | 176,752 | 171,471 | 175,926 |
| Female | 1,225,459 | 15,354 | 63,630 | 171,590 | 173,653 | 182,075 |
| Asian Only | 18,817,792 | 175,187 | 783,961 | 2,075,042 | 2,341,993 | 3,209,035 |
| Male | 8,945,929 | 89,960 | 403,271 | 1,057,952 | 1,170,429 | 1,564,469 |
| Female | 9,871,863 | 85,227 | 380,690 | 1,017,090 | 1,171,564 | 1,644,566 |
| NHOPI* | 577,149 | 7,618 | 32,448 | 82,132 | 78,855 | 96,197 |
| Male | 285,303 | 3,900 | 16,553 | 41,807 | 38,938 | 47,551 |
| Female | 291,846 | 3,718 | 15,895 | 40,325 | 39,917 | 48,646 |
| Multiple Races | 7,220,738 | 184,809 | 754,607 | 1,813,345 | 1,409,844 | 1,006,549 |
| Male | 3,553,585 | 94,385 | 385,026 | 923,943 | 709,627 | 486,377 |
| Female | 3,667,153 | 90,424 | 369,581 | 889,402 | 700,217 | 520,172 |

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, 2019 - con.

**NON-
HISPANIC**

| Race and sex | 35-44 | 45-54 | 55-64 | 65-74 | 75+ |
|----------------|------------|------------|------------|------------|------------|
| All Races | 32,330,419 | 33,300,147 | 37,142,550 | 28,451,967 | 19,741,124 |
| Male | 15,746,962 | 16,202,423 | 17,857,307 | 13,302,994 | 8,380,076 |
| Female | 16,583,457 | 17,097,724 | 19,285,243 | 15,148,973 | 11,361,048 |
| White Only | 23,181,969 | 24,901,102 | 29,345,202 | 23,406,052 | 16,685,948 |
| Male | 11,530,367 | 12,345,511 | 14,307,618 | 11,112,391 | 7,187,574 |
| Female | 11,651,602 | 12,555,591 | 15,037,584 | 12,293,661 | 9,498,374 |
| Black Only | 5,060,914 | 4,928,898 | 4,882,886 | 3,059,614 | 1,782,228 |
| Male | 2,298,397 | 2,234,853 | 2,212,406 | 1,306,058 | 655,778 |
| Female | 2,762,517 | 2,694,045 | 2,670,480 | 1,753,556 | 1,126,450 |
| AIAN* Only | 291,098 | 281,804 | 296,129 | 190,762 | 107,544 |
| Male | 140,610 | 134,896 | 138,794 | 88,018 | 45,862 |
| Female | 150,488 | 146,908 | 157,335 | 102,744 | 61,682 |
| Asian Only | 3,031,007 | 2,606,504 | 2,117,591 | 1,489,689 | 987,783 |
| Male | 1,416,976 | 1,212,657 | 961,488 | 653,723 | 415,004 |
| Female | 1,614,031 | 1,393,847 | 1,156,103 | 835,966 | 572,779 |
| NHOPI* | 86,555 | 70,977 | 62,904 | 38,610 | 20,853 |
| Male | 43,149 | 35,057 | 30,486 | 18,491 | 9,371 |
| Female | 43,406 | 35,920 | 32,418 | 20,119 | 11,482 |
| Multiple Races | 678,876 | 510,862 | 437,838 | 267,240 | 156,768 |
| Male | 317,463 | 239,449 | 206,515 | 124,313 | 66,487 |
| Female | 361,413 | 271,413 | 231,323 | 142,927 | 90,281 |

*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, 2019. They were developed by the Population Division, U.S. Census Bureau using the July 1, 2019 set of state population estimates and reflect Census 2010 data. More information may be obtained from the Census website at www.census.gov.

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

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

Number of records = 19,481

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) 0-1440 (reported range in 2019) |
| 5 | 4 | 12-15 | [LOV] LENGTH OF VISIT (minutes) Calculated from date and time of ED arrival and discharge -9 = Blank 0-5714 (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 - 94 95 = 95 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 17.0 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 | [RACEUN] RACE (UNIMPUTED) This variable is NOT imputed. Race data were missing on 20.5 of ED records. An imputed race variable can be found in column 31. -9 = Blank 1 = White 2 = Black/African American 3 = Asian 4 = Native Hawaiian/Other Pacific Islander 5 = American Indian/Alaska Native 6 = More than one race reported |
| 14 | 1 | 31 | [RACER] RACE (WITH MISSING DATA IMPUTED) 1 = White 2 = Black 3 = Other |
| 15 | 1 | 32 | [RACERETH] RACE/ETHNICITY (WITH MISSING DATA IMPUTED) 1 = Non-Hispanic White 2 = Non-Hispanic Black 3 = Hispanic 4 = Non-Hispanic Other |
| 16 | 2 | 33-34 | [ARREMS] Arrival by ambulance -9 = Blank -8 = Unknown 1 = Yes 2 = No |
| 17 | 2 | 35-36 | [AMBTRANSFER] If "Yes" to Arrival by Ambulance, was the patient transferred from another hospital or urgent care facility? -9 = Blank -8 = Unknown -7 = Not applicable 1 = Yes 2 = No |
| 18 | 1 | 37 | [NOPAY] No answer to expected source of payment item 0 = At least one source of payment is recorded 1 = All sources of payments are blank |
| 19 | 1 | 38 | [PAYPRIV] EXPECTED SOURCE(S) OF PAYMENT FOR THIS VISIT: PRIVATE INSURANCE 0 = No 1 = Yes |
| 20 | 1 | 39 | [PAYMCARE] EXPECTED SOURCE(S) OF PAYMENT FOR THIS VISIT: MEDICARE 0 = No 1 = Yes |

| 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 0878-1069 = 87.8 – 106.9 Fahrenheit (reported range) |
| 29 | 3 | 52-54 | [PULSE] HEART RATE -9 = Blank 0-221 (reported range) |
| 30 | 3 | 55-57 | [RESPR] RESPIRATORY RATE -9 = Blank 0-146 (reported range) |
| 31 | 3 | 58-60 | [BPSYS] SYSTOLIC BLOOD PRESSURE -9 = Blank 54-271 (reported range) |
| 32 | 3 | 61-63 | [BPDIAS] DIASTOLIC BLOOD PRESSURE -9 = Blank 22-174 (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) |

NOTE: The collection and processing of this item changed starting in 2009, as described in the 2009 Public Use Data File Documentation. Unlike in 2005-08 when response categories were checkboxes for each level of immediacy, the PRFs for 2009-2019 requested responses using a 1-5 scale. PRF responses were evaluated with reference to responses on the Ambulatory Unit Form, completed during induction, to the question, "How many levels are in this ESA's triage system?" After initial reconciliation between forms was completed, rescaling of responses was conducted. ESAs reporting 3 or 4 level triage systems had their responses rescaled to fit the 5 level system, such that, for 3-level hospitals, responses of 1, 2, and 3 were recoded to 2, 3, and 4. For ESAs using a 4-level system, responses were recoded from 1-4 to 2-5. The rescaling method was determined in consultation with subject matter experts and based on record analysis. For 2019, rescaling was performed for only a small number of records.

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

Also, 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

| | | | |
|----|---|-------|--|
| 35 | 2 | 69-70 | [PAINSCALE] PAIN SCALE 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. -9 = Blank -8 = Unknown 0-10 |
| 36 | 2 | 71-72 | [SEEN72] WAS PATIENT SEEN IN THIS ED WITHIN THE LAST 72 HOURS? 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?” -9 = Blank -8 = Unknown 1 = Yes 2 = No |
| | | | PATIENT'S REASON(S) FOR VISIT (See page 19 in Section I and Code List in Appendix II.) |
| 37 | 5 | 73-77 | [RFV1] REASON # 1 -9 = Blank 10050-89990 = 1005.0-8999.0 |
| 38 | 5 | 78-82 | [RFV2] REASON # 2 -9 = Blank 10050-89990 = 1005.0-8999.0 |
| 39 | 5 | 83-87 | [RFV3] REASON # 3 -9 = Blank 10050-89990 = 1005.0-8999.0 |

| ITEM NO. | FIELD LENGTH | FILE LOCATION | [ITEM NAME], DESCRIPTION, AND CODES |
|------------------|--------------|---------------|---|
| 40 | 5 | 88-92 | [RFV4] REASON # 4 -9 = Blank 10050-89990 = 1005.0-8999.0 |
| 41 | 5 | 93-97 | [RFV5] REASON # 5 -9 = Blank 10050-89990 = 1005.0-8999.0 |
| 42 | 2 | 98-99 | [EPISODE] EPISODE OF CARE -9 = Blank -8 = Unknown 1 = Initial visit to this ED 2 = Follow-up visit to this ED |
| 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)

| ITEM NO. | FIELD LENGTH | FILE LOCATION | [ITEM NAME], DESCRIPTION, AND CODES |
|----------|--------------|---------------|---|
| 44 | 2 | 102-103 | <p>[INJPOISAD] IS THIS VISIT RELATED TO AN INJURY/TRAUMA, OVERDOSE/POISONING OR ADVERSE EFFECT OF MEDICAL/ SURGICAL TREATMENT?</p> <p>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.</p> <p>-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)</p> |
| 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> <p>-9 = Blank -8 = Unknown -7 = Not applicable 1 = Yes 2 = No</p> |
| 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> <p>-9 = Blank -8 = Unknown/intent unclear 1 = Intentional 2 = Unintentional 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) 4 = Questionable injury status (visit was reported as injury related but lacked an injury reason for visit, diagnosis, or cause of injury)</p> |

| ITEM NO. | FIELD LENGTH | FILE LOCATION | [ITEM NAME], DESCRIPTION, AND CODES |
|----------|--------------|---------------|---|
| 47 | 2 | 108-109 | <p>[INJURY_ENC] Type of encounter for injury visits This variable was added to give additional detail from the 7th 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 7th digit would otherwise not be available on the public use file.</p> <p>-9 = Not applicable/Blank 1 = Initial encounter 2 = Subsequent encounter 3 = Sequela encounter 4 = Both initial and subsequent encounter codes present 5 = Both Initial and sequela encounter codes present 6 = Both subsequent and sequela encounter codes present 7 = Initial, subsequent, and sequela encounter codes present</p> <p>CAUSE OF INJURY/TRAUMA, OVERDOSE/POISONING OR ADVERSE EFFECT OF MEDICAL/SURGICAL TREATMENT (See page 19 in Section I for explanation of codes.)</p> |
| 48 | 4 | 110-113 | <p>[CAUSE1] CAUSE #1 (ICD-10-CM, V-YCodes) 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) See CAUSE1.</p> |
| 50 | 4 | 118-121 | <p>[CAUSE3] CAUSE #3 (ICD-10-CM, V-Y codes) See CAUSE1.</p> <p>PROVIDER'S DIAGNOSIS (See page 20, 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>-9 = Blank (no entry made) A000 – Z998 = A00.0-Z99.8 ZZZ0 = Non-codable, insufficient information for coding, illegible ZZZ1 = Left before being seen; patient walked out; "eloped", left against medical advice (AMA) 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> |

| ITEM NO. | FIELD LENGTH | FILE LOCATION | [ITEM NAME], DESCRIPTION, AND CODES |
|--|--------------|---------------|--|
| 52 | 4 | 126-129 | [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. See DIAGNOSIS #1 for details. |
| 53 | 4 | 130--133 | [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. See DIAGNOSIS #1 for details. |
| 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 |
| 80 | 1 | 171 | [OSA] Obstructive sleep apnea (OSA) |
| 81 | 1 | 172 | [OSTPRISIS] 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 |
| | | | 0-11 (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 |
|----------|--------------|---------------|-------------------------------------|
|----------|--------------|---------------|-------------------------------------|

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 | [OTH CX] 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 | 2 | 221-222 | [TOTDIAG] TOTAL NUMBER OF DIAGNOSTIC SERVICES ORDERED OR PROVIDED -9 = “None” box and all item fields are blank 0-20 (reported range) |
| 128 | 1 | 223 | [PROC] Were procedures provided at this visit? 0 = No 1 = Yes 2 = Entire item blank, including “None” box PROCEDURES 0 = No, 1 = Yes |
| 129 | 1 | 224 | [BPAP] BPAP/CPAP |
| 130 | 1 | 225 | [BLADCATH] Bladder catheter |
| 131 | 1 | 226 | [CASTSPLINT] Cast, splint, wrap |
| 132 | 1 | 227 | [CENTLINE] Central line |
| 133 | 1 | 228 | [CPR] CPR |
| 134 | 1 | 229 | [ENDPOINT] Endotracheal intubation |
| 135 | 1 | 230 | [INCDRAIN] Incision & drainage (I&D) |
| 136 | 1 | 231 | [IVFLUIDS] IV fluids |
| 137 | 1 | 232 | [LUMBAR] Lumbar puncture (LP) |
| 138 | 1 | 233 | [NEBUTHER] Nebulizer therapy |
| 139 | 1 | 234 | [PELVIC] Pelvic exam |
| 140 | 1 | 235 | [SKINADH] Skin adhesives |
| 141 | 1 | 236 | [SUTURE] Suturing/staples |
| 142 | 1 | 237 | [OTHPROC] Other procedure |
| 143 | 2 | 238-239 | [TOTPROC] TOTAL NUMBER OF PROCEDURES PROVIDED -9 = “None” box and all item fields are blank 0-9 (reported range) |

| ITEM NO. | FIELD LENGTH | FILE LOCATION | [ITEM NAME], DESCRIPTION, AND CODES |
|----------|--------------|---------------|--|
| | | | MEDICATIONS & IMMUNIZATIONS (See page 20 for more information. See Appendix III for codes.) |
| 144 | 1 | 240 | [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 |
| 145 | 5 | 241-245 | [MED1] MEDICATION #1 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry |
| 146 | 5 | 246-250 | [MED2] MEDICATION #2 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry |
| 147 | 5 | 251-255 | [MED3] MEDICATION #3 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry |
| 148 | 5 | 256-260 | [MED4] MEDICATION #4 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry |
| 149 | 5 | 261-265 | [MED5] MEDICATION #5 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry |
| 150 | 5 | 266-270 | [MED6] MEDICATION #6 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry |
| 151 | 5 | 271-275 | [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 |
|----------|--------------|---------------|--|
| 152 | 5 | 276-280 | [MED8] MEDICATION #8 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry |
| 153 | 5 | 281-285 | [MED9] MEDICATION #9 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry |
| 154 | 5 | 286-290 | [MED10] MEDICATION #10 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry |
| 155 | 5 | 291-295 | [MED11] MEDICATION #11 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry |
| 156 | 5 | 296-300 | [MED12] MEDICATION #12 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry |
| 157 | 5 | 301-305 | [MED13] MEDICATION #13 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry |
| 158 | 5 | 306-310 | [MED14] MEDICATION #14 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry |
| 159 | 5 | 311-315 | [MED15] MEDICATION #15 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry |

| ITEM NO. | FIELD LENGTH | FILE LOCATION | [ITEM NAME], DESCRIPTION, AND CODES |
|----------|--------------|---------------|--|
| 160 | 5 | 316-320 | [MED16] MEDICATION #16 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry |
| 161 | 5 | 321-325 | [MED17] MEDICATION #17 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry |
| 162 | 5 | 326-330 | [MED18] MEDICATION #18 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry |
| 163 | 5 | 331-335 | [MED19] MEDICATION #19 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry |
| 164 | 5 | 336-340 | [MED20] MEDICATION #20 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry |
| 165 | 5 | 341-345 | [MED21] MEDICATION #21 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry |
| 166 | 5 | 346-350 | [MED22] MEDICATION #22 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry |
| 167 | 5 | 351-355 | [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 |
|----------|--------------|---------------|---|
| 168 | 5 | 356-360 | [MED24] MEDICATION #24 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry |
| 169 | 5 | 361-365 | [MED25] MEDICATION #25 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry |
| 170 | 5 | 366-370 | [MED26] MEDICATION #26 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry |
| 171 | 5 | 371-375 | [MED27] MEDICATION #27 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry |
| 172 | 5 | 376-380 | [MED28] MEDICATION #28 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry |
| 173 | 5 | 381-385 | [MED29] MEDICATION #29 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry |
| 174 | 5 | 386-390 | [MED30] MEDICATION #30 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry |
| 175 | 2 | 391-392 | [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 |
|----------|--------------|---------------|---|
| 176 | 2 | 393-394 | [GPMED2] Was medication #2 given in ED or Rx at discharge? See GPMED1. |
| 177 | 2 | 395-396 | [GPMED3] Was medication #3 given in ED or Rx at discharge? See GPMED1. |
| 178 | 2 | 397-398 | [GPMED4] Was medication #4 given in ED or Rx at discharge? See GPMED1. |
| 179 | 2 | 399-400 | [GPMED5] Was medication #5 given in ED or Rx at discharge? See GPMED1. |
| 180 | 2 | 401-402 | [GPMED6] Was medication #6 given in ED or Rx at discharge? See GPMED1. |
| 181 | 2 | 403-404 | [GPMED7] Was medication #7 given in ED or Rx at discharge? See GPMED1. |
| 182 | 2 | 405-406 | [GPMED8] Was medication #8 given in ED or Rx at discharge? See GPMED1. |
| 183 | 2 | 407-408 | [GPMED9] Was medication #9 given in ED or Rx at discharge? See GPMED1. |
| 184 | 2 | 409-410 | [GPMED10] Was medication #10 given in ED or Rx at discharge? See GPMED1. |
| 185 | 2 | 411-412 | [GPMED11] Was medication #11 given in ED or Rx at discharge? See GPMED1. |
| 186 | 2 | 413-414 | [GPMED12] Was medication #12 given in ED or Rx at discharge? See GPMED1. |
| 187 | 2 | 415-416 | [GPMED13] Was medication #13 given in ED or Rx at discharge? See GPMED1. |
| 188 | 2 | 417-418 | [GPMED14] Was medication #14 given in ED or Rx at discharge? See GPMED1. |
| 189 | 2 | 419-420 | [GPMED15] Was medication #15 given in ED or Rx at discharge? See GPMED1. |
| 190 | 2 | 421-422 | [GPMED16] Was medication #16 given in ED or Rx at discharge? See GPMED1. |
| 191 | 2 | 423-424 | [GPMED17] Was medication #17 given in ED or Rx at discharge? See GPMED1. |
| 192 | 2 | 425-426 | [GPMED18] Was medication #18 given in ED or Rx at discharge? See GPMED1. |

| ITEM NO. | FIELD LENGTH | FILE LOCATION | [ITEM NAME], DESCRIPTION, AND CODES |
|----------|--------------|---------------|---|
| 193 | 2 | 427-428 | [GPMED19] Was medication #19 given in ED or Rx at discharge? See GPMED1. |
| 194 | 2 | 429-430 | [GPMED20] Was medication #20 given in ED or Rx at discharge? See GPMED1. |
| 195 | 2 | 431-432 | [GPMED21] Was medication #21 given in ED or Rx at discharge? See GPMED1. |
| 196 | 2 | 433-434 | [GPMED22] Was medication #22 given in ED or Rx at discharge? See GPMED1. |
| 197 | 2 | 435-436 | [GPMED23] Was medication #23 given in ED or Rx at discharge? See GPMED1. |
| 198 | 2 | 437-438 | [GPMED24] Was medication #24 given in ED or Rx at discharge? See GPMED1. |
| 199 | 2 | 439-440 | [GPMED25] Was medication #25 given in ED or Rx at discharge? See GPMED1. |
| 200 | 2 | 441-442 | [GPMED26] Was medication #26 given in ED or Rx at discharge? See GPMED1. |
| 201 | 2 | 443-444 | [GPMED27] Was medication #27 given in ED or Rx at discharge? See GPMED1. |
| 202 | 2 | 445-446 | [GPMED28] Was medication #28 given in ED or Rx at discharge? See GPMED1. |
| 203 | 2 | 447-448 | [GPMED29] Was medication #29 given in ED or Rx at discharge? See GPMED1. |
| 204 | 2 | 449-450 | [GPMED30] Was medication #30 given in ED or Rx at discharge? See GPMED1. |
| 205 | 2 | 451-452 | [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. |
| 206 | 2 | 453-454 | [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. |
| 207 | 2 | 455-456 | [NUMMED] NUMBER OF MEDICATIONS CODED 0 – 30 |

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

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.

| | | | |
|-----|---|---------|---|
| 208 | 2 | 457-458 | [VITALSD] Does the chart contain vital signs taken after triage? -9= Blank 1 = Yes 2 = No |
| 209 | 4 | 459-462 | [TEMPDF] Vitals taken after triage: Temperature in Fahrenheit -9= Blank 860-1070 = 86.0 - 107.0 Fahrenheit (reported range) |
| 210 | 3 | 463-465 | [PULSED] Vitals taken after triage: Heart rate (beats per minute) -9 = Blank 0-235 (reported range) 998 = DOP or DOPPLER |
| 211 | 3 | 466-468 | [RESPRD] Vitals taken after triage: Respiratory rate (breaths per minute) -9 = Blank 0-146 (reported range) |
| 212 | 3 | 469-471 | [BPSYSD] Vitals taken after triage: Systolic blood pressure -9 = Blank 0-241 (reported range) |
| 213 | 3 | 472-474 | [BPDIASD] Vitals taken after triage: Diastolic blood pressure -9 = Blank 0-146 (reported range) 998 = P, Palp, DOP, or DOPPLER |

PROVIDERS SEEN

0 = No, 1 = Yes

| | | | |
|-----|---|-----|---------------------------------------|
| 214 | 1 | 475 | [NOPROVID] No answer to item |
| 215 | 1 | 476 | [ATTPHYS] ED attending physician |
| 216 | 1 | 477 | [RESINT] ED resident/intern |
| 217 | 1 | 478 | [CONSULT] Consulting physician |
| 218 | 1 | 479 | [RNLPN] RN/LPN |
| 219 | 1 | 480 | [NURSEPR] Nurse practitioner |
| 220 | 1 | 481 | [PHYSASST] Physician assistant |
| 221 | 1 | 482 | [EMT] EMT |
| 222 | 1 | 483 | [MHPROV] Other mental health provider |
| 223 | 1 | 484 | [OTHPROV] Other provider |

| ITEM NO. | FIELD LENGTH | FILE LOCATION | [ITEM NAME], DESCRIPTION, AND CODES |
|--|--------------|---------------|--|
| VISIT DISPOSITION | | | |
| 0 = No, 1 = Yes | | | |
| 224 | 1 | 485 | [NODISP] No answer to item |
| 225 | 1 | 486 | [NOFU] No follow-up planned |
| 226 | 1 | 487 | [RETRNED] Return to ED |
| 227 | 1 | 488 | [RETR EFFU] Return/Refer to physician/clinic for FU |
| 228 | 1 | 489 | [LWBS] Left without being seen (LWBS) |
| 229 | 1 | 490 | [LBTC] Left before treatment complete (LBTC) |
| 230 | 1 | 491 | [LEFTAMA] Left AMA (against medical advice) |
| 231 | 1 | 492 | [DOA] DOA (dead on arrival) |
| 232 | 1 | 493 | [DIEDED] Died in ED |
| 233 | 1 | 494 | [TRANNH] Return/transfer to nursing home |
| 234 | 1 | 495 | [TRANPSYC] Transfer to psychiatric hospital |
| 235 | 1 | 496 | [TRANOTH] Transfer to non-psychiatric hospital |
| 236 | 1 | 497 | [ADMITHOS] Admit to this hospital |
| 237 | 1 | 498 | [OBSSHOS] Admit to observation unit, then hospitalized |
| 238 | 1 | 499 | [OBSDIS] Admit to observation unit, then discharged |
| 239 | 1 | 500 | [OTHDISP] Other visit disposition |
| The next 4 items were completed only if the patient was admitted to the hospital at the current visit. | | | |
| 240 | 2 | 501-502 | [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 |
| 241 | 2 | 503-504 | [ADMTPHYS] Admitting physician -9 = Blank -7 = Not applicable (not admitted to hospital) 1 = Hospitalist 2 = Not hospitalist 3 = Unknown |
| 242 | 2 | 505-506 | [LOS] Length of stay in hospital (days) Calculated from the ED discharge date and the hospital discharge date. -9 = Missing data -7 = Not applicable 1-70 |

| ITEM NO. | FIELD LENGTH | FILE LOCATION | [ITEM NAME], DESCRIPTION, AND CODES |
|----------|--------------|---------------|--|
| 243 | 4 | 507-510 | [HDDIAG1] HOSPITAL DISCHARGE 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. -9 = Blank -7 = Not applicable (not admitted to hospital) A000-Z998 = A00.0-Z99.8 ZZZ0 = Non-codable, insufficient information for coding, illegible ZZZ1 = Left before being seen; patient walked out; "eloped", left against medical advice (AMA) 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" |
| 244 | 4 | 511-514 | [HDDIAG2] HOSPITAL DISCHARGE DIAGNOSIS #2 (ICD-10-CM) See HDDIAG1. |
| 245 | 4 | 515-518 | [HDDIAG3] HOSPITAL DISCHARGE DIAGNOSIS #3 (ICD-10-CM) See HDDIAG1. |
| 246 | 4 | 519-522 | [HDDIAG4] HOSPITAL DISCHARGE DIAGNOSIS #4 (ICD-10-CM) See HDDIAG1. |
| 247 | 4 | 523-526 | [HDDIAG5] HOSPITAL DISCHARGE DIAGNOSIS #5 (ICD-10-CM) See HDDIAG1. |
| 248 | 2 | 527-528 | [HDSTAT] Hospital discharge status -9 = Blank -8 = Data not available (Unknown) -7 = Not applicable (not admitted to hospital) 1 = Alive 2 = Dead |
| 249 | 2 | 529-530 | [ADISP] Disposition of live discharges -9 = Blank -8 = Data not available (Unknown) -7 = Not applicable (not admitted/admitted, but not a live discharge) 1 = Home/Residence 2 = Return/Transfer to nursing home 3 = Transfer to another facility (not usual place of residence) 4 = Other |

| ITEM NO. | FIELD LENGTH | FILE LOCATION | [ITEM NAME], DESCRIPTION, AND CODES |
|---|--------------|---------------|--|
| 250 | 4 | 531-534 | [OBSSTAY] Length of stay in observation unit (minutes) (for those patients who were admitted to observation unit and then discharged) Calculated from date and time patient was discharged from the ED and date and time of observation unit discharge. -9 = Missing data -7 = Not applicable 0 – 8381 |
| 251 | 1 | 535 | [STAY24] ED discharge greater than 24 hours 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 |
| **** THE FOLLOWING FIELDS SHOW WHETHER DATA WERE IMPUTED TO REPLACE BLANKS **** | | | |
| 252 | 2 | 536-537 | [AGEFL] Was patient age imputed, calculated or reported? -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 IMPUTED FIELDS 0 = Not imputed 1 = Imputed |
| 253 | 1 | 538 | [BDATEFL] Was patient birth date imputed? |
| 254 | 1 | 539 | [SEXFL] Was patient sex imputed? |
| 255 | 1 | 540 | [ETHNICFL] Was patient ethnicity imputed? |
| 256 | 1 | 541 | [RACERFL] Was patient race imputed? |
| ***** END OF IMPUTED DATA FIELDS ***** | | | |
| 257 | 3 | 542-544 | [HOSPCODE] HOSPITAL CODE 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. 1-210 |
| 258 | 3 | 545-547 | [PATCODE] PATIENT CODE - A number assigned to identify each individual record from a particular hospital. 1-175 |

| ITEM NO. | FIELD LENGTH | FILE LOCATION | [ITEM NAME], DESCRIPTION, AND CODES |
|----------|--------------|---------------|---|
| 259 | 2 | 548-549 | <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> |
| 260 | 2 | 550-551 | <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> |
| 261 | 2 | 552-553 | <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> |
| 262 | 2 | 554-555 | <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 PHYSICIANS?</p> <p>-9 = Blank -8 = Unknown -7 = Not applicable -6 = Refused to answer 1 = Always 2 = Sometimes 3 = Rarely 4 = Never</p> |
| 263 | 2 | 556-557 | <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 |
|----------|--------------|---------------|---|
| 264 | 2 | 558-559 | [OBSCLIN] DOES YOUR ED HAVE AN OBSERVATION OR CLINICAL DECISION UNIT? 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. -9 = Blank -8 = Unknown 1 = Yes 2 = No |
| 265 | 2 | 560-561 | [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? -9 = Blank -8 = Unknown -7 = Not applicable 1 = Yes 2 = No IF YOUR ED HAS A PHYSICALLY SEPARATE OBSERVATION OR CLINICAL DECISION UNIT, WHAT TYPE OF PHYSICIAN MAKES DECISIONS FOR PATIENTS IN THIS OBSERVATION UNIT? |
| 266 | 2 | 562-563 | [OBSPHYSED] ED physicians |
| 267 | 2 | 564-565 | [OBSSHOSP] Hospitalists |
| 268 | 2 | 566-567 | [OBSPHYSOT] Other physicians |
| 269 | 2 | 568-569 | [OBSPHYSUN] Unknown -7 = Not applicable 0 = Box is not marked 1 = Box is marked |
| 270 | 2 | 570-571 | [BOARD] ARE ADMITTED ED PATIENTS EVER "BOARDED" FOR MORE THAN 2 HOURS IN THE ED OR OBSERVATION UNIT WHILE WAITING FOR AN INPATIENT BED? -9 = Blank -8 = Unknown 1 = Yes 2 = No |
| 271 | 2 | 572-573 | [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"? -9 = Blank -8 = Unknown 1 = Yes 2 = No |

| ITEM NO. | FIELD LENGTH | FILE LOCATION | [ITEM NAME], DESCRIPTION, AND CODES |
|----------|--------------|---------------|---|
| 272 | 2 | 574-575 | [AMBDIV] DID YOUR ED GO ON AMBULANCE DIVERSION IN 2018? -9 = Blank -8 = Unknown 1 = Yes 2 = No |
| 273 | 2 | 576-577 | [TOTHRDIVR] WHAT IS THE TOTAL NUMBER OF HOURS YOUR HOSPITAL'S ED WAS ON AMBULANCE DIVERSION IN 2018? (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 |
| 274 | 2 | 578-579 | [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 |
| 275 | 2 | 580-581 | [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 |
| 276 | 2 | 582-583 | [INCSHX] IN THE LAST TWO YEARS, DID YOUR ED INCREASE THE NUMBER OF STANDARD TREATMENT SPACES? -9 = Blank -8 = Unknown 1 = Yes 2 = No |
| 277 | 2 | 584-585 | [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 |
|--|--------------|---------------|---|
| 278 | 2 | 586-587 | [EXPSPACE] DO YOU HAVE PLANS TO EXPAND YOUR ED'S PHYSICAL SPACE WITHIN THE NEXT TWO YEARS? -9 = Blank -8 = Unknown 1 = Yes 2 = No DOES YOUR ED USE: (Note change in item format since 2009.) -9 = Blank -8 = Unknown 1 = Yes 2 = No |
| 279 | 2 | 588-589 | [BEDREG] Bedside registration |
| 280 | 2 | 590-591 | [KIOSELCHK] Kiosk self check-in |
| 281 | 2 | 592-593 | [CATRIAGE] Computer-assisted triage |
| 282 | 2 | 594-595 | [IMBED] Immediate bedding (no triage when ED is not at capacity) |
| 283 | 2 | 596-597 | [ADVTRIAG] Advanced triage (triage-based care) protocols |
| 284 | 2 | 598-599 | [PHYSRACTRIA] Physician/practitioner at triage |
| 285 | 2 | 600-601 | [FASTTRAK] Separate fast track unit for non-urgent care |
| 286 | 2 | 602-603 | [EDPTOR] Separate operating room dedicated to ED patients |
| 287 | 2 | 604-605 | [DASHBOARD] Electronic dashboard (i.e., displays updated patient information and integrates multiple data sources) |
| 288 | 2 | 606-607 | [RFID] Radio frequency identification (RFID) tracking (i.e., shows exact location of patients, caregivers, and equipment) |
| 289 | 2 | 608-609 | [WIRELESS] Wireless communication devices by providers |
| 290 | 2 | 610-611 | [ZONENURS] Zone nursing (i.e., all of a nurse's patients are located in one area) |
| 291 | 2 | 612-613 | [POOLNURS] "Pool" nurses (i.e., nurses that can be pulled to the ED to respond to surges in demand) |
| 292 | 2 | 614-615 | [SURGDAY] HOW MANY DAYS IN A WEEK ARE INPATIENT ELECTIVE SURGERIES SCHEDULED? -9 = Blank -8 = Unknown 0-7 |
| NOTE: This item (SURGDAY) was not collected in 2018, but has been reinstated for 2019. | | | |
| 293 | 2 | 616-617 | [BEDCZAR] DOES YOUR HOSPITAL HAVE A BED COORDINATOR, SOMETIMES REFERRED TO AS A BED CZAR? -9 = Blank -8 = Unknown 1 = Yes 2 = No |

| ITEM NO. | FIELD LENGTH | FILE LOCATION | [ITEM NAME], DESCRIPTION, AND CODES |
|----------|--------------|---------------|--|
| 294 | 2 | 618-619 | [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 |
| 295 | 2 | 620-621 | [HLIST] DOES YOUR HOSPITAL HAVE HOSPITALISTS ON STAFF? -9 = Blank -8 = Unknown 1 = Yes 2 = No |
| 296 | 2 | 622-623 | [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 |
| 297 | 2 | 624-625 | [EMEDRES] DOES YOUR HOSPITAL HAVE AN EMERGENCY MEDICINE RESIDENCY PROGRAM? -9 = Blank -8 = Unknown 1 = Yes 2 = No |
| 298 | 1 | 626 | [REGION] GEOGRAPHIC REGION (Based on actual location of the hospital.) 1 = Northeast 2 = Midwest 3 = South 4 = West |
| 299 | 1 | 627 | [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.) 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 20.)

| | | | |
|-----|---|---------|---|
| 300 | 6 | 628-633 | [DRUGID1] DRUG ID (See p. 147 for more information.) a07001-a92507 = NCHS code (for drugs not found in Multum but for which ingredients could be determined) c00001-c00898, c00900-c92511 = NCHS code (for drugs not found in Multum and with undetermined ingredients) d00001-d08200 = Multum code n00001-n12023 = NCHS code (for drugs not found in Multum that were added to the database beginning with survey year 2008) |
| 301 | 1 | 634 | [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 |
| 302 | 1 | 635 | [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 |
| 303 | 1 | 636 | [COMSTAT1] COMPOSITION STATUS CODE 1 = Single Entity Drug 2 = Combination Drug 3 = Undetermined |
| 304 | 3 | 637-639 | [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 20. The complete Multum classification is shown in Appendix III.

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

| | | | |
|-----|---|---------|--|
| 305 | 3 | 640-642 | [RX1CAT2] MULTUM DRUG CATEGORY # 2 See RX1CAT1. |
| 306 | 3 | 643-645 | [RX1CAT3] MULTUM DRUG CATEGORY # 3 See RX1CAT1. |

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

| | | | |
|-----|---|---------|--|
| 307 | 3 | 646-648 | [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.

| | | | |
|-----|---|---------|---|
| 308 | 3 | 649-651 | [RX1V1C1] Level 1 of MULTUM DRUG CATEGORY # 1 |
| 309 | 3 | 652-654 | [RX1V1C2] Level 1 of MULTUM DRUG CATEGORY # 2 |
| 310 | 3 | 655-657 | [RX1V1C3] Level 1 of MULTUM DRUG CATEGORY # 3 |
| 311 | 3 | 658-660 | [RX1V1C4] Level 1 of MULTUM DRUG CATEGORY # 4 |
| 312 | 3 | 661-663 | [RX1V2C1] Level 2 of MULTUM DRUG CATEGORY # 1 |
| 313 | 3 | 664-666 | [RX1V2C2] Level 2 of MULTUM DRUG CATEGORY # 2 |
| 314 | 3 | 667-669 | [RX1V2C3] Level 2 of MULTUM DRUG CATEGORY # 3 |
| 315 | 3 | 670-672 | [RX1V2C4] Level 2 of MULTUM DRUG CATEGORY # 4 |
| 316 | 3 | 673-675 | [RX1V3C1] Level 3 of MULTUM DRUG CATEGORY # 1 |
| 317 | 3 | 676-678 | [RX1V3C2] Level 3 of MULTUM DRUG CATEGORY # 2 |
| 318 | 3 | 679-681 | [RX1V3C3] Level 3 of MULTUM DRUG CATEGORY # 3 |
| 319 | 3 | 682-684 | [RX1V3C4] Level 3 of MULTUM DRUG CATEGORY # 4 |

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

DRUG-RELATED INFO FOR MEDICATION #2

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 62) for coding information.

| | | | |
|-----|---|---------|--|
| 320 | 6 | 685-690 | [DRUGID2] Drug ID |
| 321 | 1 | 691 | [PRESCR2] PRESCRIPTION STATUS CODE |
| 322 | 1 | 692 | [CONTSUB2] CONTROLLED SUBSTANCE STATUS CODE |
| 323 | 1 | 693 | [COMSTAT2] COMPOSITION STATUS CODE |
| 324 | 3 | 694-696 | [RX2CAT1] MULTUM DRUG CATEGORY # 1 |
| 325 | 3 | 697-699 | [RX2CAT2] MULTUM DRUG CATEGORY # 2 See RX2CAT1. |
| 326 | 3 | 700-702 | [RX2CAT3] MULTUM DRUG CATEGORY # 3 See RX2CAT1. |
| 327 | 3 | 703-705 | [RX2CAT4] MULTUM DRUG CATEGORY # 4 See RX2CAT1. |

DRUG CATEGORY LEVELS

| | | | |
|-----|---|---------|---|
| 328 | 3 | 706-708 | [RX2V1C1] Level 1 of MULTUM DRUG CATEGORY # 1 |
| 329 | 3 | 709-711 | [RX2V1C2] Level 1 of MULTUM DRUG CATEGORY # 2 |
| 330 | 3 | 712-714 | [RX2V1C3] Level 1 of MULTUM DRUG CATEGORY # 3 |
| 331 | 3 | 715-717 | [RX2V1C4] Level 1 of MULTUM DRUG CATEGORY # 4 |
| 332 | 3 | 718-720 | [RX2V2C1] Level 2 of MULTUM DRUG CATEGORY # 1 |
| 333 | 3 | 721-723 | [RX2V2C2] Level 2 of MULTUM DRUG CATEGORY # 2 |
| 334 | 3 | 724-726 | [RX2V2C3] Level 2 of MULTUM DRUG CATEGORY # 3 |
| 335 | 3 | 727-729 | [RX2V2C4] Level 2 of MULTUM DRUG CATEGORY # 4 |
| 336 | 3 | 730-732 | [RX2V3C1] Level 3 of MULTUM DRUG CATEGORY # 1 |
| 337 | 3 | 733-735 | [RX2V3C2] Level 3 of MULTUM DRUG CATEGORY # 2 |
| 338 | 3 | 736-738 | [RX2V3C3] Level 3 of MULTUM DRUG CATEGORY # 3 |
| 339 | 3 | 739-741 | [RX2V3C4] Level 3 of MULTUM DRUG CATEGORY # 4 |

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

DRUG-RELATED INFO FOR MEDICATION #3

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 62) for coding information.

| | | | |
|-----|---|---------|--|
| 340 | 6 | 742-747 | [DRUGID3] Drug ID |
| 341 | 1 | 748 | [PRESCR3] PRESCRIPTION STATUS CODE |
| 342 | 1 | 749 | [CONTSUB3] CONTROLLED SUBSTANCE STATUS CODE |
| 343 | 1 | 750 | [COMSTAT3] COMPOSITION STATUS CODE |
| 344 | 3 | 751-753 | [RX3CAT1] MULTUM DRUG CATEGORY # 1 |
| 345 | 3 | 754-756 | [RX3CAT2] MULTUM DRUG CATEGORY # 2 See RX3CAT1. |
| 346 | 3 | 757-759 | [RX3CAT3] MULTUM DRUG CATEGORY # 3 See RX3CAT1. |
| 347 | 3 | 760-762 | [RX3CAT4] MULTUM DRUG CATEGORY # 4 See RX3CAT1. |

DRUG CATEGORY LEVELS

| | | | |
|-----|---|---------|---|
| 348 | 3 | 763-765 | [RX3V1C1] Level 1 of MULTUM DRUG CATEGORY # 1 |
| 349 | 3 | 766-768 | [RX3V1C2] Level 1 of MULTUM DRUG CATEGORY # 2 |
| 350 | 3 | 769-771 | [RX3V1C3] Level 1 of MULTUM DRUG CATEGORY # 3 |
| 351 | 3 | 772-774 | [RX3V1C4] Level 1 of MULTUM DRUG CATEGORY # 4 |
| 352 | 3 | 775-777 | [RX3V2C1] Level 2 of MULTUM DRUG CATEGORY # 1 |
| 353 | 3 | 778-780 | [RX3V2C2] Level 2 of MULTUM DRUG CATEGORY # 2 |
| 354 | 3 | 781-783 | [RX3V2C3] Level 2 of MULTUM DRUG CATEGORY # 3 |
| 355 | 3 | 784-786 | [RX3V2C4] Level 2 of MULTUM DRUG CATEGORY # 4 |
| 356 | 3 | 787-789 | [RX3V3C1] Level 3 of MULTUM DRUG CATEGORY # 1 |
| 357 | 3 | 790-792 | [RX3V3C2] Level 3 of MULTUM DRUG CATEGORY # 2 |
| 358 | 3 | 793-795 | [RX3V3C3] Level 3 of MULTUM DRUG CATEGORY # 3 |
| 359 | 3 | 796-798 | [RX3V3C4] Level 3 of MULTUM DRUG CATEGORY # 4 |

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

DRUG-RELATED INFO FOR MEDICATION #4

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 62) for coding information.

| | | | |
|-----|---|---------|--|
| 360 | 6 | 799-804 | [DRUGID4] Drug ID |
| 361 | 1 | 805 | [PRESCR4] PRESCRIPTION STATUS CODE |
| 362 | 1 | 806 | [CONTSUB4] CONTROLLED SUBSTANCE STATUS CODE |
| 363 | 1 | 807 | [COMSTAT4] COMPOSITION STATUS CODE |
| 364 | 3 | 808-810 | [RX4CAT1] MULTUM DRUG CATEGORY # 1 |
| 365 | 3 | 811-813 | [RX4CAT2] MULTUM DRUG CATEGORY # 2 See RX4CAT1. |
| 366 | 3 | 814-816 | [RX4CAT3] MULTUM DRUG CATEGORY # 3 See RX4CAT1. |
| 367 | 3 | 817-819 | [RX4CAT4] MULTUM DRUG CATEGORY # 4 See RX4CAT1. |

DRUG CATEGORY LEVELS

| | | | |
|-----|---|---------|---|
| 368 | 3 | 820-822 | [RX4V1C1] Level 1 of MULTUM DRUG CATEGORY # 1 |
| 369 | 3 | 823-825 | [RX4V1C2] Level 1 of MULTUM DRUG CATEGORY # 2 |
| 370 | 3 | 826-828 | [RX4V1C3] Level 1 of MULTUM DRUG CATEGORY # 3 |
| 371 | 3 | 829-831 | [RX4V1C4] Level 1 of MULTUM DRUG CATEGORY # 4 |
| 372 | 3 | 832-834 | [RX4V2C1] Level 2 of MULTUM DRUG CATEGORY # 1 |
| 373 | 3 | 835-837 | [RX4V2C2] Level 2 of MULTUM DRUG CATEGORY # 2 |
| 374 | 3 | 838-840 | [RX4V2C3] Level 2 of MULTUM DRUG CATEGORY # 3 |
| 375 | 3 | 841-843 | [RX4V2C4] Level 2 of MULTUM DRUG CATEGORY # 4 |
| 376 | 3 | 844-846 | [RX4V3C1] Level 3 of MULTUM DRUG CATEGORY # 1 |
| 377 | 3 | 847-849 | [RX4V3C2] Level 3 of MULTUM DRUG CATEGORY # 2 |
| 378 | 3 | 850-852 | [RX4V3C3] Level 3 of MULTUM DRUG CATEGORY # 3 |
| 379 | 3 | 853-855 | [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 62) for coding information.

| | | | |
|-----|---|---------|--|
| 380 | 6 | 856-861 | [DRUGID5] Drug ID |
| 381 | 1 | 862 | [PRESCR5] PRESCRIPTION STATUS CODE |
| 382 | 1 | 863 | [CONTSUB5] CONTROLLED SUBSTANCE STATUS CODE |
| 383 | 1 | 864 | [COMSTAT5] COMPOSITION STATUS CODE |
| 384 | 3 | 865-867 | [RX5CAT1] MULTUM DRUG CATEGORY # 1 |
| 385 | 3 | 868-870 | [RX5CAT2] MULTUM DRUG CATEGORY # 2 See RX3CAT1. |
| 386 | 3 | 871-873 | [RX5CAT3] MULTUM DRUG CATEGORY # 3 See RX3CAT1. |
| 387 | 3 | 874-876 | [RX5CAT4] MULTUM DRUG CATEGORY # 4 See RX3CAT1. |

DRUG CATEGORY LEVELS

| | | | |
|-----|---|---------|---|
| 388 | 3 | 877-879 | [RX5V1C1] Level 1 of MULTUM DRUG CATEGORY # 1 |
| 389 | 3 | 880-882 | [RX5V1C2] Level 1 of MULTUM DRUG CATEGORY # 2 |
| 390 | 3 | 883-885 | [RX5V1C3] Level 1 of MULTUM DRUG CATEGORY # 3 |
| 391 | 3 | 886-888 | [RX5V1C4] Level 1 of MULTUM DRUG CATEGORY # 4 |
| 392 | 3 | 889-891 | [RX5V2C1] Level 2 of MULTUM DRUG CATEGORY # 1 |
| 393 | 3 | 892-894 | [RX5V2C2] Level 2 of MULTUM DRUG CATEGORY # 2 |
| 394 | 3 | 895-897 | [RX5V2C3] Level 2 of MULTUM DRUG CATEGORY # 3 |
| 395 | 3 | 898-900 | [RX5V2C4] Level 2 of MULTUM DRUG CATEGORY # 4 |
| 396 | 3 | 901-903 | [RX5V3C1] Level 3 of MULTUM DRUG CATEGORY # 1 |
| 397 | 3 | 904-906 | [RX5V3C2] Level 3 of MULTUM DRUG CATEGORY # 2 |
| 398 | 3 | 907-909 | [RX5V3C3] Level 3 of MULTUM DRUG CATEGORY # 3 |
| 399 | 3 | 910-912 | [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 62) for coding information.

| | | | |
|-----|---|---------|--|
| 400 | 6 | 913-918 | [DRUGID6] Drug ID |
| 401 | 1 | 919 | [PRESCR6] PRESCRIPTION STATUS CODE |
| 402 | 1 | 920 | [CONTSUB6] CONTROLLED SUBSTANCE STATUS CODE |
| 403 | 1 | 921 | [COMSTAT6] COMPOSITION STATUS CODE |
| 404 | 3 | 922-924 | [RX6CAT1] MULTUM DRUG CATEGORY # 1 |
| 405 | 3 | 925-927 | [RX6CAT2] MULTUM DRUG CATEGORY # 2 See RX6CAT1. |
| 406 | 3 | 928-930 | [RX6CAT3] MULTUM DRUG CATEGORY # 3 See RX6CAT1. |
| 407 | 3 | 931-933 | [RX6CAT4] MULTUM DRUG CATEGORY # 4 See RX6CAT1. |

DRUG CATEGORY LEVELS

| | | | |
|-----|---|---------|---|
| 408 | 3 | 934-936 | [RX6V1C1] Level 1 of MULTUM DRUG CATEGORY # 1 |
| 409 | 3 | 937-939 | [RX6V1C2] Level 1 of MULTUM DRUG CATEGORY # 2 |
| 410 | 3 | 940-942 | [RX6V1C3] Level 1 of MULTUM DRUG CATEGORY # 3 |
| 411 | 3 | 943-945 | [RX6V1C4] Level 1 of MULTUM DRUG CATEGORY # 4 |
| 412 | 3 | 946-948 | [RX6V2C1] Level 2 of MULTUM DRUG CATEGORY # 1 |
| 413 | 3 | 949-951 | [RX6V2C2] Level 2 of MULTUM DRUG CATEGORY # 2 |
| 414 | 3 | 952-954 | [RX6V2C3] Level 2 of MULTUM DRUG CATEGORY # 3 |
| 415 | 3 | 955-957 | [RX6V2C4] Level 2 of MULTUM DRUG CATEGORY # 4 |
| 416 | 3 | 958-960 | [RX6V3C1] Level 3 of MULTUM DRUG CATEGORY # 1 |
| 417 | 3 | 961-963 | [RX6V3C2] Level 3 of MULTUM DRUG CATEGORY # 2 |
| 418 | 3 | 964-966 | [RX6V3C3] Level 3 of MULTUM DRUG CATEGORY # 3 |
| 419 | 3 | 967-969 | [RX6V3C4] 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 #7

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 62) for coding information.

| | | | |
|-----|---|---------|--|
| 420 | 6 | 970-975 | [DRUGID7] Drug ID |
| 421 | 1 | 976 | [PRESCR7] PRESCRIPTION STATUS CODE |
| 422 | 1 | 977 | [CONTSUB7] CONTROLLED SUBSTANCE STATUS CODE |
| 423 | 1 | 978 | [COMSTAT7] COMPOSITION STATUS CODE |
| 424 | 3 | 979-981 | [RX7CAT1] MULTUM DRUG CATEGORY # 1 |
| 425 | 3 | 982-984 | [RX7CAT2] MULTUM DRUG CATEGORY # 2 See RX7CAT1. |
| 426 | 3 | 985-987 | [RX7CAT3] MULTUM DRUG CATEGORY # 3 See RX7CAT1. |
| 427 | 3 | 988-990 | [RX7CAT4] MULTUM DRUG CATEGORY # 4 See RX7CAT1. |

DRUG CATEGORY LEVELS

| | | | |
|-----|---|-----------|---|
| 428 | 3 | 991-993 | [RX7V1C1] Level 1 of MULTUM DRUG CATEGORY # 1 |
| 429 | 3 | 994-996 | [RX7V1C2] Level 1 of MULTUM DRUG CATEGORY # 2 |
| 430 | 3 | 997-999 | [RX7V1C3] Level 1 of MULTUM DRUG CATEGORY # 3 |
| 431 | 3 | 1000-1002 | [RX7V1C4] Level 1 of MULTUM DRUG CATEGORY # 4 |
| 432 | 3 | 1003-1005 | [RX7V2C1] Level 2 of MULTUM DRUG CATEGORY # 1 |
| 433 | 3 | 1006-1008 | [RX7V2C2] Level 2 of MULTUM DRUG CATEGORY # 2 |
| 434 | 3 | 1009-1011 | [RX7V2C3] Level 2 of MULTUM DRUG CATEGORY # 3 |
| 435 | 3 | 1012-1014 | [RX7V2C4] Level 2 of MULTUM DRUG CATEGORY # 4 |
| 436 | 3 | 1015-1017 | [RX7V3C1] Level 3 of MULTUM DRUG CATEGORY # 1 |
| 437 | 3 | 1018-1020 | [RX7V3C2] Level 3 of MULTUM DRUG CATEGORY # 2 |
| 438 | 3 | 1021-1023 | [RX7V3C3] Level 3 of MULTUM DRUG CATEGORY # 3 |
| 439 | 3 | 1024-1026 | [RX7V3C4] 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 #8

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 62) for coding information.

| | | | |
|-----|---|-----------|--|
| 440 | 6 | 1027-1032 | [DRUGID8] Drug ID |
| 441 | 1 | 1033 | [PRESCR8] PRESCRIPTION STATUS CODE |
| 442 | 1 | 1034 | [CONTSUB8] CONTROLLED SUBSTANCE STATUS CODE |
| 443 | 1 | 1035 | [COMSTAT8] COMPOSITION STATUS CODE |
| 444 | 3 | 1036-1038 | [RX8CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class) |
| 445 | 3 | 1039-1041 | [RX8CAT2] MULTUM DRUG CATEGORY # 2 See RX8CAT1. |
| 446 | 3 | 1042-1044 | [RX8CAT3] MULTUM DRUG CATEGORY # 3 See RX8CAT1. |
| 447 | 3 | 1045-1047 | [RX8CAT4] MULTUM DRUG CATEGORY # 4 See RX8CAT1. |

DRUG CATEGORY LEVELS

| | | | |
|-----|---|-----------|---|
| 448 | 3 | 1048-1050 | [RX8V1C1] Level 1 of MULTUM DRUG CATEGORY # 1 |
| 449 | 3 | 1051-1053 | [RX8V1C2] Level 1 of MULTUM DRUG CATEGORY # 2 |
| 450 | 3 | 1054-1056 | [RX8V1C3] Level 1 of MULTUM DRUG CATEGORY # 3 |
| 451 | 3 | 1057-1059 | [RX8V1C4] Level 1 of MULTUM DRUG CATEGORY # 4 |
| 452 | 3 | 1060-1062 | [RX8V2C1] Level 2 of MULTUM DRUG CATEGORY # 1 |
| 453 | 3 | 1063-1065 | [RX8V2C2] Level 2 of MULTUM DRUG CATEGORY # 2 |
| 454 | 3 | 1066-1068 | [RX8V2C3] Level 2 of MULTUM DRUG CATEGORY # 3 |
| 455 | 3 | 1069-1071 | [RX8V2C4] Level 2 of MULTUM DRUG CATEGORY # 4 |
| 456 | 3 | 1072-1074 | [RX8V3C1] Level 3 of MULTUM DRUG CATEGORY # 1 |
| 457 | 3 | 1075-1077 | [RX8V3C2] Level 3 of MULTUM DRUG CATEGORY # 2 |
| 458 | 3 | 1078-1080 | [RX8V3C3] Level 3 of MULTUM DRUG CATEGORY # 3 |
| 459 | 3 | 1081-1083 | [RX8V3C4] 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 #9

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 62) for coding information.

| | | | |
|-----|---|-----------|--|
| 460 | 6 | 1084-1089 | [DRUGID9] Drug ID |
| 461 | 1 | 1090 | [PRESCR9] PRESCRIPTION STATUS CODE |
| 462 | 1 | 1091 | [CONTSUB9] CONTROLLED SUBSTANCE STATUS CODE |
| 463 | 1 | 1092 | [COMSTAT9] COMPOSITION STATUS CODE |
| 464 | 3 | 1093-1095 | [RX9CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class) |
| 465 | 3 | 1096-1098 | [RX9CAT2] MULTUM DRUG CATEGORY # 2 See RX9CAT1. |
| 466 | 3 | 1099-1101 | [RX9CAT3] MULTUM DRUG CATEGORY # 3 See RX9CAT1. |
| 467 | 3 | 1102-1104 | [RX9CAT4] MULTUM DRUG CATEGORY # 4 See RX9CAT1. |

DRUG CATEGORY LEVELS

| | | | |
|-----|---|-----------|---|
| 468 | 3 | 1105-1107 | [RX9V1C1] Level 1 of MULTUM DRUG CATEGORY # 1 |
| 469 | 3 | 1108-1110 | [RX9V1C2] Level 1 of MULTUM DRUG CATEGORY # 2 |
| 470 | 3 | 1111-1113 | [RX9V1C3] Level 1 of MULTUM DRUG CATEGORY # 3 |
| 471 | 3 | 1114-1116 | [RX9V1C4] Level 1 of MULTUM DRUG CATEGORY # 4 |
| 472 | 3 | 1117-1119 | [RX9V2C1] Level 2 of MULTUM DRUG CATEGORY # 1 |
| 473 | 3 | 1120-1122 | [RX9V2C2] Level 2 of MULTUM DRUG CATEGORY # 2 |
| 474 | 3 | 1123-1125 | [RX9V2C3] Level 2 of MULTUM DRUG CATEGORY # 3 |
| 475 | 3 | 1126-1128 | [RX9V2C4] Level 2 of MULTUM DRUG CATEGORY # 4 |
| 476 | 3 | 1129-1131 | [RX9V3C1] Level 3 of MULTUM DRUG CATEGORY # 1 |
| 477 | 3 | 1132-1134 | [RX9V3C2] Level 3 of MULTUM DRUG CATEGORY # 2 |
| 478 | 3 | 1135-1137 | [RX9V3C3] Level 3 of MULTUM DRUG CATEGORY # 3 |
| 479 | 3 | 1138-1140 | [RX9V3C4] 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 #10

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 62) for coding information.

| | | | |
|-----|---|-----------|---|
| 480 | 6 | 1141-1146 | [DRUGID10] Drug ID |
| 481 | 1 | 1147 | [PRESCR10] PRESCRIPTION STATUS CODE |
| 482 | 1 | 1148 | [CONTSUB10] CONTROLLED SUBSTANCE STATUS CODE |
| 483 | 1 | 1149 | [COMSTAT10] COMPOSITION STATUS CODE |
| 484 | 3 | 1150-1152 | [RX10CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class) |
| 485 | 3 | 1153-1155 | [RX10CAT2] MULTUM DRUG CATEGORY # 2 See RX10CAT1. |
| 486 | 3 | 1156-1158 | [RX10CAT3] MULTUM DRUG CATEGORY # 3 See RX10CAT1. |
| 487 | 3 | 1159-1161 | [RX10CAT4] MULTUM DRUG CATEGORY # 4 See RX10CAT1. |

DRUG CATEGORY LEVELS

| | | | |
|-----|---|-----------|--|
| 488 | 3 | 1162-1164 | [RX10V1C1] Level 1 of MULTUM DRUG CATEGORY # 1 |
| 489 | 3 | 1165-1167 | [RX10V1C2] Level 1 of MULTUM DRUG CATEGORY # 2 |
| 490 | 3 | 1168-1170 | [RX10V1C3] Level 1 of MULTUM DRUG CATEGORY # 3 |
| 491 | 3 | 1171-1173 | [RX10V1C4] Level 1 of MULTUM DRUG CATEGORY # 4 |
| 492 | 3 | 1174-1176 | [RX10V2C1] Level 2 of MULTUM DRUG CATEGORY # 1 |
| 493 | 3 | 1177-1179 | [RX10V2C2] Level 2 of MULTUM DRUG CATEGORY # 2 |
| 494 | 3 | 1180-1182 | [RX10V2C3] Level 2 of MULTUM DRUG CATEGORY # 3 |
| 495 | 3 | 1183-1185 | [RX10V2C4] Level 2 of MULTUM DRUG CATEGORY # 4 |
| 496 | 3 | 1186-1188 | [RX10V3C1] Level 3 of MULTUM DRUG CATEGORY # 1 |
| 497 | 3 | 1189-1191 | [RX10V3C2] Level 3 of MULTUM DRUG CATEGORY # 2 |
| 498 | 3 | 1192-1194 | [RX10V3C3] Level 3 of MULTUM DRUG CATEGORY # 3 |
| 499 | 3 | 1195-1197 | [RX10V3C4] 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 #11

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 62) for coding information.

| | | | |
|-----|---|-----------|---|
| 500 | 6 | 1198-1203 | [DRUGID11] Drug ID |
| 501 | 1 | 1204 | [PRESCR11] PRESCRIPTION STATUS CODE |
| 502 | 1 | 1205 | [CONTSUB11] CONTROLLED SUBSTANCE STATUS CODE |
| 503 | 1 | 1206 | [COMSTAT11] COMPOSITION STATUS CODE |
| 504 | 3 | 1207-1209 | [RX11CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class) |
| 505 | 3 | 1210-1212 | [RX11CAT2] MULTUM DRUG CATEGORY # 2 See RX11CAT1. |
| 506 | 3 | 1213-1215 | [RX11CAT3] MULTUM DRUG CATEGORY # 3 See RX11CAT1. |
| 507 | 3 | 1216-1218 | [RX11CAT4] MULTUM DRUG CATEGORY # 4 See RX11CAT1. |

DRUG CATEGORY LEVELS

| | | | |
|-----|---|-----------|--|
| 508 | 3 | 1219-1221 | [RX11V1C1] Level 1 of MULTUM DRUG CATEGORY # 1 |
| 509 | 3 | 1222-1224 | [RX11V1C2] Level 1 of MULTUM DRUG CATEGORY # 2 |
| 510 | 3 | 1225-1227 | [RX11V1C3] Level 1 of MULTUM DRUG CATEGORY # 3 |
| 511 | 3 | 1228-1230 | [RX11V1C4] Level 1 of MULTUM DRUG CATEGORY # 4 |
| 512 | 3 | 1231-1233 | [RX11V2C1] Level 2 of MULTUM DRUG CATEGORY # 1 |
| 513 | 3 | 1234-1236 | [RX11V2C2] Level 2 of MULTUM DRUG CATEGORY # 2 |
| 514 | 3 | 1237-1239 | [RX11V2C3] Level 2 of MULTUM DRUG CATEGORY # 3 |
| 515 | 3 | 1240-1242 | [RX11V2C4] Level 2 of MULTUM DRUG CATEGORY # 4 |
| 516 | 3 | 1243-1245 | [RX11V3C1] Level 3 of MULTUM DRUG CATEGORY # 1 |
| 517 | 3 | 1246-1248 | [RX11V3C2] Level 3 of MULTUM DRUG CATEGORY # 2 |
| 518 | 3 | 1249-1251 | [RX11V3C3] Level 3 of MULTUM DRUG CATEGORY # 3 |
| 519 | 3 | 1252-1254 | [RX11V3C4] 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 #12

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 62) for coding information.

| | | | |
|-----|---|-----------|---|
| 520 | 6 | 1255-1260 | [DRUGID12] Drug ID |
| 521 | 1 | 1261 | [PRESCR12] PRESCRIPTION STATUS CODE |
| 522 | 1 | 1262 | [CONTSUB12] CONTROLLED SUBSTANCE STATUS CODE |
| 523 | 1 | 1263 | [COMSTAT12] COMPOSITION STATUS CODE |
| 524 | 3 | 1264-1266 | [RX12CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class) |
| 525 | 3 | 1267-1269 | [RX12CAT2] MULTUM DRUG CATEGORY # 2 See RX12CAT1. |
| 526 | 3 | 1270-1272 | [RX12CAT3] MULTUM DRUG CATEGORY # 3 See RX12CAT1. |
| 527 | 3 | 1273-1275 | [RX12CAT4] MULTUM DRUG CATEGORY # 4 See RX12CAT1. |

DRUG CATEGORY LEVELS

| | | | |
|-----|---|-----------|--|
| 528 | 3 | 1276-1278 | [RX12V1C1] Level 1 of MULTUM DRUG CATEGORY # 1 |
| 529 | 3 | 1279-1281 | [RX12V1C2] Level 1 of MULTUM DRUG CATEGORY # 2 |
| 530 | 3 | 1282-1284 | [RX12V1C3] Level 1 of MULTUM DRUG CATEGORY # 3 |
| 531 | 3 | 1285-1287 | [RX12V1C4] Level 1 of MULTUM DRUG CATEGORY # 4 |
| 532 | 3 | 1288-1290 | [RX12V2C1] Level 2 of MULTUM DRUG CATEGORY # 1 |
| 533 | 3 | 1291-1293 | [RX12V2C2] Level 2 of MULTUM DRUG CATEGORY # 2 |
| 534 | 3 | 1294-1296 | [RX12V2C3] Level 2 of MULTUM DRUG CATEGORY # 3 |
| 535 | 3 | 1297-1299 | [RX12V2C4] Level 2 of MULTUM DRUG CATEGORY # 4 |
| 536 | 3 | 1300-1302 | [RX12V3C1] Level 3 of MULTUM DRUG CATEGORY # 1 |
| 537 | 3 | 1303-1305 | [RX12V3C2] Level 3 of MULTUM DRUG CATEGORY # 2 |
| 538 | 3 | 1306-1308 | [RX12V3C3] Level 3 of MULTUM DRUG CATEGORY # 3 |
| 539 | 3 | 1309-1311 | [RX12V3C4] 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 #13

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 62) for coding information.

| | | | |
|-----|---|-----------|---|
| 540 | 6 | 1312-1317 | [DRUGID13] Drug ID |
| 541 | 1 | 1318 | [PRESCR13] PRESCRIPTION STATUS CODE |
| 542 | 1 | 1319 | [CONTSUB13] CONTROLLED SUBSTANCE STATUS CODE |
| 543 | 1 | 1320 | [COMSTAT13] COMPOSITION STATUS CODE |
| 544 | 3 | 1321-1323 | [RX13CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class) |
| 545 | 3 | 1324-1326 | [RX13CAT2] MULTUM DRUG CATEGORY # 2 See RX13CAT1. |
| 546 | 3 | 1327-1329 | [RX13CAT3] MULTUM DRUG CATEGORY # 3 See RX13CAT1. |
| 547 | 3 | 1330-1332 | [RX13CAT4] MULTUM DRUG CATEGORY # 4 See RX13CAT1. |

DRUG CATEGORY LEVELS

| | | | |
|-----|---|-----------|--|
| 548 | 3 | 1333-1335 | [RX13V1C1] Level 1 of MULTUM DRUG CATEGORY # 1 |
| 548 | 3 | 1336-1338 | [RX13V1C2] Level 1 of MULTUM DRUG CATEGORY # 2 |
| 550 | 3 | 1339-1341 | [RX13V1C3] Level 1 of MULTUM DRUG CATEGORY # 3 |
| 551 | 3 | 1342-1344 | [RX13V1C4] Level 1 of MULTUM DRUG CATEGORY # 4 |
| 552 | 3 | 1345-1347 | [RX13V2C1] Level 2 of MULTUM DRUG CATEGORY # 1 |
| 553 | 3 | 1348-1350 | [RX13V2C2] Level 2 of MULTUM DRUG CATEGORY # 2 |
| 554 | 3 | 1351-1353 | [RX13V2C3] Level 2 of MULTUM DRUG CATEGORY # 3 |
| 555 | 3 | 1354-1356 | [RX13V2C4] Level 2 of MULTUM DRUG CATEGORY # 4 |
| 556 | 3 | 1357-1359 | [RX13V3C1] Level 3 of MULTUM DRUG CATEGORY # 1 |
| 557 | 3 | 1360-1362 | [RX13V3C2] Level 3 of MULTUM DRUG CATEGORY # 2 |
| 558 | 3 | 1363-1365 | [RX13V3C3] Level 3 of MULTUM DRUG CATEGORY # 3 |
| 559 | 3 | 1366-1368 | [RX13V3C4] 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 #14

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 62) for coding information.

| | | | |
|-----|---|-----------|---|
| 560 | 6 | 1369-1374 | [DRUGID14] Drug ID |
| 561 | 1 | 1375 | [PRESCR14] PRESCRIPTION STATUS CODE |
| 562 | 1 | 1376 | [CONTSUB14] CONTROLLED SUBSTANCE STATUS CODE |
| 563 | 1 | 1377 | [COMSTAT14] COMPOSITION STATUS CODE |
| 564 | 3 | 1378-1380 | [RX14CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class) |
| 565 | 3 | 1381-1383 | [RX14CAT2] MULTUM DRUG CATEGORY # 2 See RX14CAT1. |
| 566 | 3 | 1384-1386 | [RX14CAT3] MULTUM DRUG CATEGORY # 3 See RX14CAT1. |
| 567 | 3 | 1387-1389 | [RX14CAT4] MULTUM DRUG CATEGORY # 4 See RX14CAT1. |

DRUG CATEGORY LEVELS

| | | | |
|-----|---|-----------|--|
| 568 | 3 | 1390-1392 | [RX14V1C1] Level 1 of MULTUM DRUG CATEGORY # 1 |
| 569 | 3 | 1393-1395 | [RX14V1C2] Level 1 of MULTUM DRUG CATEGORY # 2 |
| 570 | 3 | 1396-1398 | [RX14V1C3] Level 1 of MULTUM DRUG CATEGORY # 3 |
| 571 | 3 | 1399-1401 | [RX14V1C4] Level 1 of MULTUM DRUG CATEGORY # 4 |
| 572 | 3 | 1402-1404 | [RX14V2C1] Level 2 of MULTUM DRUG CATEGORY # 1 |
| 573 | 3 | 1405-1407 | [RX14V2C2] Level 2 of MULTUM DRUG CATEGORY # 2 |
| 574 | 3 | 1408-1410 | [RX14V2C3] Level 2 of MULTUM DRUG CATEGORY # 3 |
| 575 | 3 | 1411-1413 | [RX14V2C4] Level 2 of MULTUM DRUG CATEGORY # 4 |
| 576 | 3 | 1414-1416 | [RX14V3C1] Level 3 of MULTUM DRUG CATEGORY # 1 |
| 577 | 3 | 1417-1419 | [RX14V3C2] Level 3 of MULTUM DRUG CATEGORY # 2 |
| 578 | 3 | 1420-1422 | [RX14V3C3] Level 3 of MULTUM DRUG CATEGORY # 3 |
| 579 | 3 | 1423-1425 | [RX14V3C4] 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 #15

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 62) for coding information.

| | | | |
|-----|---|-----------|---|
| 580 | 6 | 1426-1431 | [DRUGID15] Drug ID |
| 581 | 1 | 1432 | [PRESCR15] PRESCRIPTION STATUS CODE |
| 582 | 1 | 1433 | [CONTSUB15] CONTROLLED SUBSTANCE STATUS CODE |
| 583 | 1 | 1434 | [COMSTAT15] COMPOSITION STATUS CODE |
| 584 | 3 | 1435-1437 | [RX15CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class) |
| 585 | 3 | 1438-1440 | [RX15CAT2] MULTUM DRUG CATEGORY # 2 See RX15CAT1. |
| 586 | 3 | 1441-1443 | [RX15CAT3] MULTUM DRUG CATEGORY # 3 See RX15CAT1. |
| 587 | 3 | 1444-1446 | [RX15CAT4] MULTUM DRUG CATEGORY # 4 See RX15CAT1. |

DRUG CATEGORY LEVELS

| | | | |
|-----|---|-----------|--|
| 588 | 3 | 1447-1449 | [RX15V1C1] Level 1 of MULTUM DRUG CATEGORY # 1 |
| 589 | 3 | 1450-1452 | [RX15V1C2] Level 1 of MULTUM DRUG CATEGORY # 2 |
| 590 | 3 | 1453-1455 | [RX15V1C3] Level 1 of MULTUM DRUG CATEGORY # 3 |
| 591 | 3 | 1456-1458 | [RX15V1C4] Level 1 of MULTUM DRUG CATEGORY # 4 |
| 592 | 3 | 1459-1461 | [RX15V2C1] Level 2 of MULTUM DRUG CATEGORY # 1 |
| 593 | 3 | 1462-1464 | [RX15V2C2] Level 2 of MULTUM DRUG CATEGORY # 2 |
| 594 | 3 | 1465-1467 | [RX15V2C3] Level 2 of MULTUM DRUG CATEGORY # 3 |
| 595 | 3 | 1468-1470 | [RX15V2C4] Level 2 of MULTUM DRUG CATEGORY # 4 |
| 596 | 3 | 1471-1473 | [RX15V3C1] Level 3 of MULTUM DRUG CATEGORY # 1 |
| 597 | 3 | 1474-1476 | [RX15V3C2] Level 3 of MULTUM DRUG CATEGORY # 2 |
| 598 | 3 | 1477-1479 | [RX15V3C3] Level 3 of MULTUM DRUG CATEGORY # 3 |
| 599 | 3 | 1480-1482 | [RX15V3C4] 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 #16

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 62) for coding information.

| | | | |
|-----|---|-----------|---|
| 600 | 6 | 1483-1488 | [DRUGID16] Drug ID |
| 601 | 1 | 1489 | [PRESCR16] PRESCRIPTION STATUS CODE |
| 602 | 1 | 1490 | [CONTSUB16] CONTROLLED SUBSTANCE STATUS CODE |
| 603 | 1 | 1491 | [COMSTAT16] COMPOSITION STATUS CODE |
| 604 | 3 | 1492-1494 | [RX16CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class) |
| 605 | 3 | 1495-1497 | [RX16CAT2] MULTUM DRUG CATEGORY # 2 See RX16CAT1. |
| 606 | 3 | 1498-1500 | [RX16CAT3] MULTUM DRUG CATEGORY # 3 See RX16CAT1. |
| 607 | 3 | 1501-1503 | [RX16CAT4] MULTUM DRUG CATEGORY # 4 See RX16CAT1. |

DRUG CATEGORY LEVELS

| | | | |
|-----|---|-----------|--|
| 608 | 3 | 1504-1506 | [RX16V1C1] Level 1 of MULTUM DRUG CATEGORY # 1 |
| 609 | 3 | 1507-1509 | [RX16V1C2] Level 1 of MULTUM DRUG CATEGORY # 2 |
| 610 | 3 | 1510-1512 | [RX16V1C3] Level 1 of MULTUM DRUG CATEGORY # 3 |
| 611 | 3 | 1513-1515 | [RX16V1C4] Level 1 of MULTUM DRUG CATEGORY # 4 |
| 612 | 3 | 1516-1518 | [RX16V2C1] Level 2 of MULTUM DRUG CATEGORY # 1 |
| 613 | 3 | 1519-1521 | [RX16V2C2] Level 2 of MULTUM DRUG CATEGORY # 2 |
| 614 | 3 | 1522-1524 | [RX16V2C3] Level 2 of MULTUM DRUG CATEGORY # 3 |
| 615 | 3 | 1525-1527 | [RX16V2C4] Level 2 of MULTUM DRUG CATEGORY # 4 |
| 616 | 3 | 1528-1530 | [RX16V3C1] Level 3 of MULTUM DRUG CATEGORY # 1 |
| 617 | 3 | 1531-1533 | [RX16V3C2] Level 3 of MULTUM DRUG CATEGORY # 2 |
| 618 | 3 | 1534-1536 | [RX16V3C3] Level 3 of MULTUM DRUG CATEGORY # 3 |
| 619 | 3 | 1537-1539 | [RX16V3C4] 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 #17

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 62) for coding information.

| | | | |
|-----|---|-----------|---|
| 620 | 6 | 1540-1545 | [DRUGID17] Drug ID |
| 621 | 1 | 1546 | [PRESCR17] PRESCRIPTION STATUS CODE |
| 622 | 1 | 1547 | [CONTSUB17] CONTROLLED SUBSTANCE STATUS CODE |
| 623 | 1 | 1548 | [COMSTAT17] COMPOSITION STATUS CODE |
| 624 | 3 | 1549-1551 | [RX17CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class) |
| 625 | 3 | 1552-1554 | [RX17CAT2] MULTUM DRUG CATEGORY # 2 See RX17CAT1. |
| 626 | 3 | 1555-1557 | [RX17CAT3] MULTUM DRUG CATEGORY # 3 See RX17CAT1. |
| 627 | 3 | 1558-1560 | [RX17CAT4] MULTUM DRUG CATEGORY # 4 See RX17CAT1. |

DRUG CATEGORY LEVELS

| | | | |
|-----|---|-----------|--|
| 628 | 3 | 1561-1563 | [RX17V1C1] Level 1 of MULTUM DRUG CATEGORY # 1 |
| 629 | 3 | 1564-1566 | [RX17V1C2] Level 1 of MULTUM DRUG CATEGORY # 2 |
| 630 | 3 | 1567-1569 | [RX17V1C3] Level 1 of MULTUM DRUG CATEGORY # 3 |
| 631 | 3 | 1570-1572 | [RX17V1C4] Level 1 of MULTUM DRUG CATEGORY # 4 |
| 632 | 3 | 1573-1575 | [RX17V2C1] Level 2 of MULTUM DRUG CATEGORY # 1 |
| 633 | 3 | 1576-1578 | [RX17V2C2] Level 2 of MULTUM DRUG CATEGORY # 2 |
| 634 | 3 | 1579-1581 | [RX17V2C3] Level 2 of MULTUM DRUG CATEGORY # 3 |
| 635 | 3 | 1582-1584 | [RX17V2C4] Level 2 of MULTUM DRUG CATEGORY # 4 |
| 636 | 3 | 1585-1587 | [RX17V3C1] Level 3 of MULTUM DRUG CATEGORY # 1 |
| 637 | 3 | 1588-1590 | [RX17V3C2] Level 3 of MULTUM DRUG CATEGORY # 2 |
| 638 | 3 | 1591-1593 | [RX17V3C3] Level 3 of MULTUM DRUG CATEGORY # 3 |
| 639 | 3 | 1594-1596 | [RX17V3C4] 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 #18

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 62) for coding information.

| | | | |
|-----|---|-----------|---|
| 640 | 6 | 1597-1602 | [DRUGID18] Drug ID |
| 641 | 1 | 1603 | [PRESCR18] PRESCRIPTION STATUS CODE |
| 642 | 1 | 1604 | [CONTSUB18] CONTROLLED SUBSTANCE STATUS CODE |
| 643 | 1 | 1605 | [COMSTAT18] COMPOSITION STATUS CODE |
| 644 | 3 | 1606-1608 | [RX18CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class) |
| 645 | 3 | 1609-1611 | [RX18CAT2] MULTUM DRUG CATEGORY # 2 See RX18CAT1. |
| 646 | 3 | 1612-1614 | [RX18CAT3] MULTUM DRUG CATEGORY # 3 See RX18CAT1. |
| 647 | 3 | 1615-1617 | [RX18CAT4] MULTUM DRUG CATEGORY # 4 See RX18CAT1. |

DRUG CATEGORY LEVELS

| | | | |
|-----|---|-----------|--|
| 648 | 3 | 1618-1620 | [RX18V1C1] Level 1 of MULTUM DRUG CATEGORY # 1 |
| 649 | 3 | 1621-1623 | [RX18V1C2] Level 1 of MULTUM DRUG CATEGORY # 2 |
| 650 | 3 | 1624-1626 | [RX18V1C3] Level 1 of MULTUM DRUG CATEGORY # 3 |
| 651 | 3 | 1627-1629 | [RX18V1C4] Level 1 of MULTUM DRUG CATEGORY # 4 |
| 652 | 3 | 1630-1632 | [RX18V2C1] Level 2 of MULTUM DRUG CATEGORY # 1 |
| 653 | 3 | 1633-1635 | [RX18V2C2] Level 2 of MULTUM DRUG CATEGORY # 2 |
| 654 | 3 | 1636-1638 | [RX18V2C3] Level 2 of MULTUM DRUG CATEGORY # 3 |
| 655 | 3 | 1639-1641 | [RX18V2C4] Level 2 of MULTUM DRUG CATEGORY # 4 |
| 656 | 3 | 1642-1644 | [RX18V3C1] Level 3 of MULTUM DRUG CATEGORY # 1 |
| 657 | 3 | 1645-1647 | [RX18V3C2] Level 3 of MULTUM DRUG CATEGORY # 2 |
| 658 | 3 | 1648-1650 | [RX18V3C3] Level 3 of MULTUM DRUG CATEGORY # 3 |
| 659 | 3 | 1651-1653 | [RX18V3C4] 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 #19

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 62) for coding information.

| | | | |
|-----|---|-----------|---|
| 660 | 6 | 1654-1659 | [DRUGID19] Drug ID |
| 661 | 1 | 1660 | [PRESCR19] PRESCRIPTION STATUS CODE |
| 662 | 1 | 1661 | [CONTSUB19] CONTROLLED SUBSTANCE STATUS CODE |
| 663 | 1 | 1662 | [COMSTAT19] COMPOSITION STATUS CODE |
| 664 | 3 | 1663-1665 | [RX19CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class) |
| 665 | 3 | 1666-1668 | [RX19CAT2] MULTUM DRUG CATEGORY # 2 See RX19CAT1. |
| 666 | 3 | 1669-1671 | [RX19CAT3] MULTUM DRUG CATEGORY # 3 See RX19CAT1. |
| 667 | 3 | 1672-1674 | [RX19CAT4] MULTUM DRUG CATEGORY # 4 See RX19CAT1. |

DRUG CATEGORY LEVELS

| | | | |
|-----|---|-----------|--|
| 668 | 3 | 1675-1677 | [RX19V1C1] Level 1 of MULTUM DRUG CATEGORY # 1 |
| 669 | 3 | 1678-1680 | [RX19V1C2] Level 1 of MULTUM DRUG CATEGORY # 2 |
| 670 | 3 | 1681-1683 | [RX19V1C3] Level 1 of MULTUM DRUG CATEGORY # 3 |
| 671 | 3 | 1684-1686 | [RX19V1C4] Level 1 of MULTUM DRUG CATEGORY # 4 |
| 672 | 3 | 1687-1689 | [RX19V2C1] Level 2 of MULTUM DRUG CATEGORY # 1 |
| 673 | 3 | 1690-1692 | [RX19V2C2] Level 2 of MULTUM DRUG CATEGORY # 2 |
| 674 | 3 | 1693-1695 | [RX19V2C3] Level 2 of MULTUM DRUG CATEGORY # 3 |
| 675 | 3 | 1696-1698 | [RX19V2C4] Level 2 of MULTUM DRUG CATEGORY # 4 |
| 676 | 3 | 1699-1701 | [RX19V3C1] Level 3 of MULTUM DRUG CATEGORY # 1 |
| 677 | 3 | 1702-1704 | [RX19V3C2] Level 3 of MULTUM DRUG CATEGORY # 2 |
| 678 | 3 | 1705-1707 | [RX19V3C3] Level 3 of MULTUM DRUG CATEGORY # 3 |
| 679 | 3 | 1708-1710 | [RX19V3C4] 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 #20

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 62) for coding information.

| | | | |
|-----|---|-----------|---|
| 680 | 6 | 1711-1716 | [DRUGID20] Drug ID |
| 681 | 1 | 1717 | [PRESCR20] PRESCRIPTION STATUS CODE |
| 682 | 1 | 1718 | [CONTSUB20] CONTROLLED SUBSTANCE STATUS CODE |
| 683 | 1 | 1719 | [COMSTAT20] COMPOSITION STATUS CODE |
| 684 | 3 | 1720-1722 | [RX20CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class) |
| 685 | 3 | 1723-1725 | [RX20CAT2] MULTUM DRUG CATEGORY # 2 See RX20CAT1. |
| 686 | 3 | 1726-1728 | [RX20CAT3] MULTUM DRUG CATEGORY # 3 See RX20CAT1. |
| 687 | 3 | 1729-1731 | [RX20CAT4] MULTUM DRUG CATEGORY # 4 See RX20CAT1. |

DRUG CATEGORY LEVELS

| | | | |
|-----|---|-----------|--|
| 688 | 3 | 1732-1734 | [RX20V1C1] Level 1 of MULTUM DRUG CATEGORY # 1 |
| 689 | 3 | 1735-1737 | [RX20V1C2] Level 1 of MULTUM DRUG CATEGORY # 2 |
| 690 | 3 | 1738-1740 | [RX20V1C3] Level 1 of MULTUM DRUG CATEGORY # 3 |
| 691 | 3 | 1741-1743 | [RX20V1C4] Level 1 of MULTUM DRUG CATEGORY # 4 |
| 692 | 3 | 1744-1746 | [RX20V2C1] Level 2 of MULTUM DRUG CATEGORY # 1 |
| 693 | 3 | 1747-1749 | [RX20V2C2] Level 2 of MULTUM DRUG CATEGORY # 2 |
| 694 | 3 | 1750-1752 | [RX20V2C3] Level 2 of MULTUM DRUG CATEGORY # 3 |
| 695 | 3 | 1753-1755 | [RX20V2C4] Level 2 of MULTUM DRUG CATEGORY # 4 |
| 696 | 3 | 1756-1758 | [RX20V3C1] Level 3 of MULTUM DRUG CATEGORY # 1 |
| 697 | 3 | 1759-1761 | [RX20V3C2] Level 3 of MULTUM DRUG CATEGORY # 2 |
| 698 | 3 | 1762-1764 | [RX20V3C3] Level 3 of MULTUM DRUG CATEGORY # 3 |
| 699 | 3 | 1765-1767 | [RX20V3C4] 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 #21

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 62) for coding information.

| | | | |
|-----|---|-----------|---|
| 700 | 6 | 1768-1773 | [DRUGID21] Drug ID |
| 701 | 1 | 1774 | [PRESCR21] PRESCRIPTION STATUS CODE |
| 702 | 1 | 1775 | [CONTSUB21] CONTROLLED SUBSTANCE STATUS CODE |
| 703 | 1 | 1776 | [COMSTAT21] COMPOSITION STATUS CODE |
| 704 | 3 | 1777-1779 | [RX21CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class) |
| 705 | 3 | 1780-1782 | [RX21CAT2] MULTUM DRUG CATEGORY # 2 See RX21CAT1. |
| 706 | 3 | 1783-1785 | [RX21CAT3] MULTUM DRUG CATEGORY # 3 See RX21CAT1. |
| 707 | 3 | 1786-1788 | [RX21CAT4] MULTUM DRUG CATEGORY # 4 See RX21CAT1. |

DRUG CATEGORY LEVELS

| | | | |
|-----|---|-----------|--|
| 708 | 3 | 1789-1791 | [RX21V1C1] Level 1 of MULTUM DRUG CATEGORY # 1 |
| 709 | 3 | 1792-1794 | [RX21V1C2] Level 1 of MULTUM DRUG CATEGORY # 2 |
| 710 | 3 | 1795-1797 | [RX21V1C3] Level 1 of MULTUM DRUG CATEGORY # 3 |
| 711 | 3 | 1798-1800 | [RX21V1C4] Level 1 of MULTUM DRUG CATEGORY # 4 |
| 712 | 3 | 1801-1803 | [RX21V2C1] Level 2 of MULTUM DRUG CATEGORY # 1 |
| 713 | 3 | 1804-1806 | [RX21V2C2] Level 2 of MULTUM DRUG CATEGORY # 2 |
| 714 | 3 | 1807-1809 | [RX21V2C3] Level 2 of MULTUM DRUG CATEGORY # 3 |
| 715 | 3 | 1810-1812 | [RX21V2C4] Level 2 of MULTUM DRUG CATEGORY # 4 |
| 716 | 3 | 1813-1815 | [RX21V3C1] Level 3 of MULTUM DRUG CATEGORY # 1 |
| 717 | 3 | 1816-1818 | [RX21V3C2] Level 3 of MULTUM DRUG CATEGORY # 2 |
| 718 | 3 | 1819-1821 | [RX21V3C3] Level 3 of MULTUM DRUG CATEGORY # 3 |
| 719 | 3 | 1822-1824 | [RX21V3C4] 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 #22

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 62) for coding information.

| | | | |
|-----|---|-----------|---|
| 720 | 6 | 1825-1830 | [DRUGID22] Drug ID |
| 721 | 1 | 1831 | [PRESCR22] PRESCRIPTION STATUS CODE |
| 722 | 1 | 1832 | [CONTSUB22] CONTROLLED SUBSTANCE STATUS CODE |
| 723 | 1 | 1833 | [COMSTAT22] COMPOSITION STATUS CODE |
| 724 | 3 | 1834-1836 | [RX22CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class) |
| 725 | 3 | 1837-1839 | [RX22CAT2] MULTUM DRUG CATEGORY # 2 See RX22CAT1. |
| 726 | 3 | 1840-1842 | [RX22CAT3] MULTUM DRUG CATEGORY # 3 See RX22CAT1. |
| 727 | 3 | 1843-1845 | [RX22CAT4] MULTUM DRUG CATEGORY # 4 See RX22CAT1. |

DRUG CATEGORY LEVELS

| | | | |
|-----|---|-----------|--|
| 728 | 3 | 1846-1848 | [RX22V1C1] Level 1 of MULTUM DRUG CATEGORY # 1 |
| 729 | 3 | 1849-1851 | [RX22V1C2] Level 1 of MULTUM DRUG CATEGORY # 2 |
| 730 | 3 | 1852-1854 | [RX22V1C3] Level 1 of MULTUM DRUG CATEGORY # 3 |
| 731 | 3 | 1855-1857 | [RX22V1C4] Level 1 of MULTUM DRUG CATEGORY # 4 |
| 732 | 3 | 1858-1860 | [RX22V2C1] Level 2 of MULTUM DRUG CATEGORY # 1 |
| 733 | 3 | 1861-1863 | [RX22V2C2] Level 2 of MULTUM DRUG CATEGORY # 2 |
| 734 | 3 | 1864-1866 | [RX22V2C3] Level 2 of MULTUM DRUG CATEGORY # 3 |
| 735 | 3 | 1867-1869 | [RX22V2C4] Level 2 of MULTUM DRUG CATEGORY # 4 |
| 736 | 3 | 1870-1872 | [RX22V3C1] Level 3 of MULTUM DRUG CATEGORY # 1 |
| 737 | 3 | 1873-1875 | [RX22V3C2] Level 3 of MULTUM DRUG CATEGORY # 2 |
| 738 | 3 | 1876-1878 | [RX22V3C3] Level 3 of MULTUM DRUG CATEGORY # 3 |
| 739 | 3 | 1879-1881 | [RX22V3C4] 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 #23

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 62) for coding information.

| | | | |
|-----|---|-----------|---|
| 740 | 6 | 1882-1887 | [DRUGID23] Drug ID |
| 741 | 1 | 1888 | [PRESCR23] PRESCRIPTION STATUS CODE |
| 742 | 1 | 1889 | [CONTSUB23] CONTROLLED SUBSTANCE STATUS CODE |
| 743 | 1 | 1890 | [COMSTAT23] COMPOSITION STATUS CODE |
| 744 | 3 | 1891-1893 | [RX23CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class) |
| 745 | 3 | 1894-1896 | [RX23CAT2] MULTUM DRUG CATEGORY # 2 See RX23CAT1. |
| 746 | 3 | 1897-1899 | [RX23CAT3] MULTUM DRUG CATEGORY # 3 See RX23CAT1. |
| 747 | 3 | 1900-1902 | [RX23CAT4] MULTUM DRUG CATEGORY # 4 See RX23CAT1. |

DRUG CATEGORY LEVELS

| | | | |
|-----|---|-----------|--|
| 748 | 3 | 1903-1905 | [RX23V1C1] Level 1 of MULTUM DRUG CATEGORY # 1 |
| 749 | 3 | 1906-1908 | [RX23V1C2] Level 1 of MULTUM DRUG CATEGORY # 2 |
| 750 | 3 | 1909-1911 | [RX23V1C3] Level 1 of MULTUM DRUG CATEGORY # 3 |
| 751 | 3 | 1912-1914 | [RX23V1C4] Level 1 of MULTUM DRUG CATEGORY # 4 |
| 752 | 3 | 1915-1917 | [RX23V2C1] Level 2 of MULTUM DRUG CATEGORY # 1 |
| 753 | 3 | 1918-1920 | [RX23V2C2] Level 2 of MULTUM DRUG CATEGORY # 2 |
| 754 | 3 | 1921-1923 | [RX23V2C3] Level 2 of MULTUM DRUG CATEGORY # 3 |
| 755 | 3 | 1924-1926 | [RX23V2C4] Level 2 of MULTUM DRUG CATEGORY # 4 |
| 756 | 3 | 1927-1929 | [RX23V3C1] Level 3 of MULTUM DRUG CATEGORY # 1 |
| 757 | 3 | 1930-1932 | [RX23V3C2] Level 3 of MULTUM DRUG CATEGORY # 2 |
| 758 | 3 | 1933-1935 | [RX23V3C3] Level 3 of MULTUM DRUG CATEGORY # 3 |
| 759 | 3 | 1936-1938 | [RX23V3C4] 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 #24

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 62) for coding information.

| | | | |
|-----|---|-----------|---|
| 760 | 6 | 1939-1944 | [DRUGID24] Drug ID |
| 761 | 1 | 1945 | [PRESCR24] PRESCRIPTION STATUS CODE |
| 762 | 1 | 1946 | [CONTSUB24] CONTROLLED SUBSTANCE STATUS CODE |
| 763 | 1 | 1947 | [COMSTAT24] COMPOSITION STATUS CODE |
| 764 | 3 | 1948-1950 | [RX24CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class) |
| 765 | 3 | 1951-1953 | [RX24CAT2] MULTUM DRUG CATEGORY # 2 See RX24CAT1. |
| 766 | 3 | 1954-1956 | [RX24CAT3] MULTUM DRUG CATEGORY # 3 See RX24CAT1. |
| 767 | 3 | 1957-1959 | [RX24CAT4] MULTUM DRUG CATEGORY # 4 See RX24CAT1. |

DRUG CATEGORY LEVELS

| | | | |
|-----|---|-----------|--|
| 768 | 3 | 1960-1962 | [RX24V1C1] Level 1 of MULTUM DRUG CATEGORY # 1 |
| 769 | 3 | 1963-1965 | [RX24V1C2] Level 1 of MULTUM DRUG CATEGORY # 2 |
| 770 | 3 | 1966-1968 | [RX24V1C3] Level 1 of MULTUM DRUG CATEGORY # 3 |
| 771 | 3 | 1969-1971 | [RX24V1C4] Level 1 of MULTUM DRUG CATEGORY # 4 |
| 772 | 3 | 1972-1974 | [RX24V2C1] Level 2 of MULTUM DRUG CATEGORY # 1 |
| 773 | 3 | 1975-1977 | [RX24V2C2] Level 2 of MULTUM DRUG CATEGORY # 2 |
| 774 | 3 | 1978-1980 | [RX24V2C3] Level 2 of MULTUM DRUG CATEGORY # 3 |
| 775 | 3 | 1981-1983 | [RX24V2C4] Level 2 of MULTUM DRUG CATEGORY # 4 |
| 776 | 3 | 1984-1986 | [RX24V3C1] Level 3 of MULTUM DRUG CATEGORY # 1 |
| 777 | 3 | 1987-1989 | [RX24V3C2] Level 3 of MULTUM DRUG CATEGORY # 2 |
| 778 | 3 | 1990-1992 | [RX24V3C3] Level 3 of MULTUM DRUG CATEGORY # 3 |
| 779 | 3 | 1993-1995 | [RX24V3C4] Level 3 of MULTUM DRUG CATEGORY # 4 |

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

DRUG-RELATED INFO FOR MEDICATION #25

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 62) for coding information.

| | | | |
|-----|---|-----------|---|
| 780 | 6 | 1996-2001 | [DRUGID25] Drug ID |
| 781 | 1 | 2002 | [PRESCR25] PRESCRIPTION STATUS CODE |
| 782 | 1 | 2003 | [CONTSUB25] CONTROLLED SUBSTANCE STATUS CODE |
| 783 | 1 | 2004 | [COMSTAT25] COMPOSITION STATUS CODE |
| 784 | 3 | 2005-2007 | [RX25CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class) |
| 785 | 3 | 2008-2010 | [RX25CAT2] MULTUM DRUG CATEGORY # 2 See RX25CAT1. |
| 786 | 3 | 2011-2013 | [RX25CAT3] MULTUM DRUG CATEGORY # 3 See RX25CAT1. |
| 787 | 3 | 2014-2016 | [RX25CAT4] MULTUM DRUG CATEGORY # 4 See RX25CAT1. |

DRUG CATEGORY LEVELS

| | | | |
|-----|---|-----------|--|
| 788 | 3 | 2017-2019 | [RX25V1C1] Level 1 of MULTUM DRUG CATEGORY # 1 |
| 789 | 3 | 2020-2022 | [RX25V1C2] Level 1 of MULTUM DRUG CATEGORY # 2 |
| 790 | 3 | 2023-2025 | [RX25V1C3] Level 1 of MULTUM DRUG CATEGORY # 3 |
| 791 | 3 | 2026-2028 | [RX25V1C4] Level 1 of MULTUM DRUG CATEGORY # 4 |
| 792 | 3 | 2029-2031 | [RX25V2C1] Level 2 of MULTUM DRUG CATEGORY # 1 |
| 793 | 3 | 2032-2034 | [RX25V2C2] Level 2 of MULTUM DRUG CATEGORY # 2 |
| 794 | 3 | 2035-2037 | [RX25V2C3] Level 2 of MULTUM DRUG CATEGORY # 3 |
| 795 | 3 | 2038-2040 | [RX25V2C4] Level 2 of MULTUM DRUG CATEGORY # 4 |
| 796 | 3 | 2041-2043 | [RX25V3C1] Level 3 of MULTUM DRUG CATEGORY # 1 |
| 797 | 3 | 2044-2046 | [RX25V3C2] Level 3 of MULTUM DRUG CATEGORY # 2 |
| 798 | 3 | 2047-2049 | [RX25V3C3] Level 3 of MULTUM DRUG CATEGORY # 3 |
| 799 | 3 | 2050-2052 | [RX25V3C4] Level 3 of MULTUM DRUG CATEGORY # 4 |

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

DRUG-RELATED INFO FOR MEDICATION #26

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 62) for coding information.

| | | | |
|-----|---|-----------|---|
| 800 | 6 | 2053-2058 | [DRUGID26] Drug ID |
| 801 | 1 | 2059 | [PRESCR26] PRESCRIPTION STATUS CODE |
| 802 | 1 | 2060 | [CONTSUB26] CONTROLLED SUBSTANCE STATUS CODE |
| 803 | 1 | 2061 | [COMSTAT26] COMPOSITION STATUS CODE |
| 804 | 3 | 2062-2064 | [RX26CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class) |
| 805 | 3 | 2065-2067 | [RX26CAT2] MULTUM DRUG CATEGORY # 2 See RX26CAT1. |
| 806 | 3 | 2068-2070 | [RX26CAT3] MULTUM DRUG CATEGORY # 3 See RX26CAT1. |
| 807 | 3 | 2071-2073 | [RX26CAT4] MULTUM DRUG CATEGORY # 4 See RX26CAT1. |

DRUG CATEGORY LEVELS

| | | | |
|-----|---|-----------|--|
| 808 | 3 | 2074-2076 | [RX26V1C1] Level 1 of MULTUM DRUG CATEGORY # 1 |
| 809 | 3 | 2077-2079 | [RX26V1C2] Level 1 of MULTUM DRUG CATEGORY # 2 |
| 810 | 3 | 2080-2082 | [RX26V1C3] Level 1 of MULTUM DRUG CATEGORY # 3 |
| 811 | 3 | 2083-2085 | [RX26V1C4] Level 1 of MULTUM DRUG CATEGORY # 4 |
| 812 | 3 | 2086-2088 | [RX26V2C1] Level 2 of MULTUM DRUG CATEGORY # 1 |
| 813 | 3 | 2089-2091 | [RX26V2C2] Level 2 of MULTUM DRUG CATEGORY # 2 |
| 814 | 3 | 2092-2094 | [RX26V2C3] Level 2 of MULTUM DRUG CATEGORY # 3 |
| 815 | 3 | 2095-2097 | [RX26V2C4] Level 2 of MULTUM DRUG CATEGORY # 4 |
| 816 | 3 | 2098-2100 | [RX26V3C1] Level 3 of MULTUM DRUG CATEGORY # 1 |
| 817 | 3 | 2101-2103 | [RX26V3C2] Level 3 of MULTUM DRUG CATEGORY # 2 |
| 818 | 3 | 2104-2106 | [RX26V3C3] Level 3 of MULTUM DRUG CATEGORY # 3 |
| 819 | 3 | 2107-2109 | [RX26V3C4] Level 3 of MULTUM DRUG CATEGORY # 4 |

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

DRUG-RELATED INFO FOR MEDICATION #27

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 62) for coding information.

| | | | |
|-----|---|-----------|---|
| 820 | 6 | 2110-2115 | [DRUGID27] Drug ID |
| 821 | 1 | 2116 | [PRESCR27] PRESCRIPTION STATUS CODE |
| 822 | 1 | 2117 | [CONTSUB27] CONTROLLED SUBSTANCE STATUS CODE |
| 823 | 1 | 2118 | [COMSTAT27] COMPOSITION STATUS CODE |
| 824 | 3 | 2119-2121 | [RX27CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class) |
| 825 | 3 | 2122-2124 | [RX27CAT2] MULTUM DRUG CATEGORY # 2 See RX27CAT1. |
| 826 | 3 | 2125-2127 | [RX27CAT3] MULTUM DRUG CATEGORY # 3 See RX27CAT1. |
| 827 | 3 | 2128-2130 | [RX27CAT4] MULTUM DRUG CATEGORY # 4 See RX27CAT1. |

DRUG CATEGORY LEVELS

| | | | |
|-----|---|-----------|--|
| 828 | 3 | 2131-2133 | [RX27V1C1] Level 1 of MULTUM DRUG CATEGORY # 1 |
| 829 | 3 | 2134-2136 | [RX27V1C2] Level 1 of MULTUM DRUG CATEGORY # 2 |
| 830 | 3 | 2137-2139 | [RX27V1C3] Level 1 of MULTUM DRUG CATEGORY # 3 |
| 831 | 3 | 2140-2142 | [RX27V1C4] Level 1 of MULTUM DRUG CATEGORY # 4 |
| 832 | 3 | 2143-2145 | [RX27V2C1] Level 2 of MULTUM DRUG CATEGORY # 1 |
| 833 | 3 | 2146-2148 | [RX27V2C2] Level 2 of MULTUM DRUG CATEGORY # 2 |
| 834 | 3 | 2149-2151 | [RX27V2C3] Level 2 of MULTUM DRUG CATEGORY # 3 |
| 835 | 3 | 2152-2154 | [RX27V2C4] Level 2 of MULTUM DRUG CATEGORY # 4 |
| 836 | 3 | 2155-2157 | [RX27V3C1] Level 3 of MULTUM DRUG CATEGORY # 1 |
| 837 | 3 | 2158-2160 | [RX27V3C2] Level 3 of MULTUM DRUG CATEGORY # 2 |
| 838 | 3 | 2161-2163 | [RX27V3C3] Level 3 of MULTUM DRUG CATEGORY # 3 |
| 839 | 3 | 2164-2166 | [RX27V3C4] Level 3 of MULTUM DRUG CATEGORY # 4 |

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

DRUG-RELATED INFO FOR MEDICATION #28

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 62) for coding information.

| | | | |
|-----|---|-----------|---|
| 840 | 6 | 2167-2172 | [DRUGID28] Drug ID |
| 841 | 1 | 2173 | [PRESCR28] PRESCRIPTION STATUS CODE |
| 842 | 1 | 2174 | [CONTSUB28] CONTROLLED SUBSTANCE STATUS CODE |
| 843 | 1 | 2175 | [COMSTAT28] COMPOSITION STATUS CODE |
| 844 | 3 | 2176-2178 | [RX28CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class) |
| 845 | 3 | 2179-2181 | [RX28CAT2] MULTUM DRUG CATEGORY # 2 See RX28CAT1. |
| 846 | 3 | 2182-2184 | [RX28CAT3] MULTUM DRUG CATEGORY # 3 See RX28CAT1. |
| 847 | 3 | 2185-2187 | [RX28CAT4] MULTUM DRUG CATEGORY # 4 See RX28CAT1. |

DRUG CATEGORY LEVELS

| | | | |
|-----|---|-----------|--|
| 848 | 3 | 2188-2190 | [RX28V1C1] Level 1 of MULTUM DRUG CATEGORY # 1 |
| 849 | 3 | 2191-2193 | [RX28V1C2] Level 1 of MULTUM DRUG CATEGORY # 2 |
| 850 | 3 | 2194-2196 | [RX28V1C3] Level 1 of MULTUM DRUG CATEGORY # 3 |
| 851 | 3 | 2197-2199 | [RX28V1C4] Level 1 of MULTUM DRUG CATEGORY # 4 |
| 852 | 3 | 2200-2202 | [RX28V2C1] Level 2 of MULTUM DRUG CATEGORY # 1 |
| 853 | 3 | 2203-2205 | [RX28V2C2] Level 2 of MULTUM DRUG CATEGORY # 2 |
| 854 | 3 | 2206-2008 | [RX28V2C3] Level 2 of MULTUM DRUG CATEGORY # 3 |
| 855 | 3 | 2209-2211 | [RX28V2C4] Level 2 of MULTUM DRUG CATEGORY # 4 |
| 856 | 3 | 2212-2214 | [RX28V3C1] Level 3 of MULTUM DRUG CATEGORY # 1 |
| 857 | 3 | 2215-2217 | [RX28V3C2] Level 3 of MULTUM DRUG CATEGORY # 2 |
| 858 | 3 | 2218-2220 | [RX28V3C3] Level 3 of MULTUM DRUG CATEGORY # 3 |
| 859 | 3 | 2221-2223 | [RX28V3C4] Level 3 of MULTUM DRUG CATEGORY # 4 |

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

DRUG-RELATED INFO FOR MEDICATION #29

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 62) for coding information.

| | | | |
|-----|---|-----------|---|
| 860 | 6 | 2224-2229 | [DRUGID29] Drug ID |
| 861 | 1 | 2230 | [PRESCR29] PRESCRIPTION STATUS CODE |
| 862 | 1 | 2231 | [CONTSUB29] CONTROLLED SUBSTANCE STATUS CODE |
| 863 | 1 | 2232 | [COMSTAT29] COMPOSITION STATUS CODE |
| 864 | 3 | 2233-2235 | [RX29CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class) |
| 865 | 3 | 2236-2238 | [RX29CAT2] MULTUM DRUG CATEGORY # 2 See RX29CAT1. |
| 866 | 3 | 2239-2241 | [RX29CAT3] MULTUM DRUG CATEGORY # 3 See RX29CAT1. |
| 867 | 3 | 2242-2244 | [RX29CAT4] MULTUM DRUG CATEGORY # 4 See RX29CAT1. |

DRUG CATEGORY LEVELS

| | | | |
|-----|---|-----------|--|
| 868 | 3 | 2245-2247 | [RX29V1C1] Level 1 of MULTUM DRUG CATEGORY # 1 |
| 869 | 3 | 2248-2250 | [RX29V1C2] Level 1 of MULTUM DRUG CATEGORY # 2 |
| 870 | 3 | 2251-2253 | [RX29V1C3] Level 1 of MULTUM DRUG CATEGORY # 3 |
| 871 | 3 | 2254-2256 | [RX29V1C4] Level 1 of MULTUM DRUG CATEGORY # 4 |
| 872 | 3 | 2257-2259 | [RX29V2C1] Level 2 of MULTUM DRUG CATEGORY # 1 |
| 873 | 3 | 2260-2262 | [RX29V2C2] Level 2 of MULTUM DRUG CATEGORY # 2 |
| 874 | 3 | 2263-2265 | [RX29V2C3] Level 2 of MULTUM DRUG CATEGORY # 3 |
| 875 | 3 | 2266-2268 | [RX29V2C4] Level 2 of MULTUM DRUG CATEGORY # 4 |
| 876 | 3 | 2269-2271 | [RX29V3C1] Level 3 of MULTUM DRUG CATEGORY # 1 |
| 877 | 3 | 2272-2274 | [RX29V3C2] Level 3 of MULTUM DRUG CATEGORY # 2 |
| 878 | 3 | 2275-2277 | [RX29V3C3] Level 3 of MULTUM DRUG CATEGORY # 3 |
| 879 | 3 | 2278-2280 | [RX29V3C4] Level 3 of MULTUM DRUG CATEGORY # 4 |

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

DRUG-RELATED INFO FOR MEDICATION #30

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 62) for coding information.

| | | | |
|-----|---|-----------|---|
| 880 | 6 | 2281-2286 | [DRUGID30] Drug ID |
| 881 | 1 | 2287 | [PRESCR30] PRESCRIPTION STATUS CODE |
| 882 | 1 | 2288 | [CONTSUB30] CONTROLLED SUBSTANCE STATUS CODE |
| 883 | 1 | 2289 | [COMSTAT30] COMPOSITION STATUS CODE |
| 884 | 3 | 2290-2292 | [RX30CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class) |
| 885 | 3 | 2293-2295 | [RX30CAT2] MULTUM DRUG CATEGORY # 2 See RX30CAT1. |
| 886 | 3 | 2296-2298 | [RX30CAT3] MULTUM DRUG CATEGORY # 3 See RX30CAT1. |
| 887 | 3 | 2299-2301 | [RX30CAT4] MULTUM DRUG CATEGORY # 4 See RX30CAT1. |

DRUG CATEGORY LEVELS

| | | | |
|-----|---|-----------|--|
| 888 | 3 | 2302-2304 | [RX30V1C1] Level 1 of MULTUM DRUG CATEGORY # 1 |
| 889 | 3 | 2305-2307 | [RX30V1C2] Level 1 of MULTUM DRUG CATEGORY # 2 |
| 890 | 3 | 2308-2310 | [RX30V1C3] Level 1 of MULTUM DRUG CATEGORY # 3 |
| 891 | 3 | 2311-2313 | [RX30V1C4] Level 1 of MULTUM DRUG CATEGORY # 4 |
| 892 | 3 | 2314-2316 | [RX30V2C1] Level 2 of MULTUM DRUG CATEGORY # 1 |
| 893 | 3 | 2317-2319 | [RX30V2C2] Level 2 of MULTUM DRUG CATEGORY # 2 |
| 894 | 3 | 2320-2322 | [RX30V2C3] Level 2 of MULTUM DRUG CATEGORY # 3 |
| 895 | 3 | 2323-2325 | [RX30V2C4] Level 2 of MULTUM DRUG CATEGORY # 4 |
| 896 | 3 | 2326-2328 | [RX30V3C1] Level 3 of MULTUM DRUG CATEGORY # 1 |
| 897 | 3 | 2229-2331 | [RX30V3C2] Level 3 of MULTUM DRUG CATEGORY # 2 |
| 898 | 3 | 2332-2334 | [RX30V3C3] Level 3 of MULTUM DRUG CATEGORY # 3 |
| 899 | 3 | 2335-2337 | [RX30V3C4] Level 3 of MULTUM DRUG CATEGORY # 4 |

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

***** END OF DRUG CHARACTERISTICS *****

| | | | |
|-----|---|-----------|---|
| 900 | 1 | 2338 | [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) |
| 901 | 4 | 2339-2342 | [YEAR] SURVEY YEAR (2019) |

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>.

| | | | |
|-----|---|-----------|--|
| 902 | 8 | 2343-2350 | [CSTRATM] CLUSTERED PSU STRATUM MARKER (masked) 20119201-40419201 |
| 903 | 6 | 2351-2356 | [CPSUM] CLUSTERED PSU MARKER (masked) 2-100206 |

***** 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.

| | | | |
|-----|----|-----------|---|
| 904 | 11 | 2357-2367 | [PATWT] PATIENT VISIT WEIGHT (See page 25 in Section I.) PATWT enables data users to make national and regional estimate with sample data. 56.07383 - 37194.21496 |
| 905 | 9 | 2368-2376 | [EDWT] EMERGENCY DEPARTMENT WEIGHT EDWT enables data users to make emergency-department-level estimates. Please see page 25 for more information. 1.64964 - 115.65367 |

| ITEM NO. | FIELD LENGTH | FILE LOCATION | [ITEM NAME], DESCRIPTION, AND CODES |
|----------|--------------|---------------|---|
| 906 | 4 | 2377-2380 | [BOARDED] 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. -9 = Missing data -7 = Not applicable 0 - 4206 (reported range) |

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

| CATEGORY | RECORDS | WEIGHTED VISITS | PERCENT |
|-------------------|----------------|------------------------|----------------|
| PATIENT AGE | | | |
| Total | 19,481 | 150,649,792 | 100.000 |
| Under 15 years | 3,892 | 30,002,520 | 19.915 |
| 15-24 years | 2,673 | 19,840,164 | 13.170 |
| 25-44 years | 5,158 | 39,477,446 | 26.205 |
| 45-64 years | 4,283 | 33,581,656 | 22.291 |
| 65-74 years | 1,638 | 13,462,350 | 8.936 |
| 75 years and over | 1,837 | 14,285,656 | 9.483 |

| CATEGORY | RECORDS | WEIGHTED VISITS | PERCENT |
|-----------------|----------------|------------------------|----------------|
| SEX | | | |
| Total | 19,481 | 150,649,792 | 100.000 |
| Female | 10,471 | 82,235,104 | 54.587 |
| Male | 9,010 | 68,414,688 | 45.413 |

| CATEGORY | RECORDS | WEIGHTED VISITS | PERCENT |
|------------------------|----------------|------------------------|----------------|
| ETHNICITY | | | |
| Total | 19,481 | 150,649,792 | 100.000 |
| Hispanic or Latino | 3,285 | 25,956,704 | 17.230 |
| Not Hispanic or Latino | 16,196 | 124,693,088 | 82.770 |

| CATEGORY | RECORDS | WEIGHTED VISITS | PERCENT |
|------------------------------------|---------|-----------------|---------|
| RACE (Unimputed) | | | |
| Total | 19,481 | 150,649,792 | 100.000 |
| Blank | 3,993 | 29,682,685 | 19.703 |
| White Only | 10,552 | 85,784,757 | 56.943 |
| Black/African American Only | 4,240 | 30,530,550 | 20.266 |
| Asian Only | 422 | 2,697,325 | 1.790 |
| Native Hawaiian/Oth Pac Isl Only | 71 | 542,915 | 0.360 |
| American Indian/Alaska Native Only | 107 | 809,857 | 0.538 |
| More than one race reported | 96 | 601,702 | 0.399 |

| CATEGORY | RECORDS | WEIGHTED VISITS | PERCENT |
|--|---------|-----------------|---------|
| Primary Expected Source of Payment (Based on hierarchical recode of Expected Source(s) of Payment item) | | | |
| Total | 19,481 | 150,649,792 | 100.000 |
| All sources of payment are blank | 296 | 4,962,315 | 3.294 |
| Unknown | 1,840 | 15,414,098 | 10.232 |
| Private insurance | 4,655 | 33,405,298 | 22.174 |
| Medicare | 3,864 | 29,815,365 | 19.791 |
| Medicaid or CHIP or other state-based program | 6,631 | 50,400,854 | 33.456 |
| Worker's compensation | 125 | 899,480 | 0.597 |
| Self-pay | 1,527 | 12,276,506 | 8.149 |
| No charge/Charity | 67 | 399,932 | 0.265 |
| Other | 476 | 3,075,944 | 2.042 |

| CATEGORY | RECORDS | WEIGHTED VISITS | PERCENT |
|---|---------|-----------------|---------|
| Immediacy with Which Patient Should Be Seen | | | |
| Total | 19,481 | 150,649,792 | 100.000 |
| Blank | 779 | 8,244,183 | 5.472 |
| Unknown | 3,580 | 25,670,613 | 17.040 |
| No triage for this visit | | | |
| but ESA does conduct triage | 755 | 5,736,114 | 3.808 |
| Immediate | 198 | 1,283,997 | 0.852 |
| Emergent | 1,872 | 14,421,262 | 9.573 |
| Urgent | 6,881 | 53,703,775 | 35.648 |
| Semi-urgent | 4,082 | 31,905,886 | 21.179 |
| Nonurgent | 562 | 4,123,423 | 2.737 |
| Visit occurred in ESA that does | | | |
| not conduct nursing triage | 772 | 5,560,540 | 3.691 |

| CATEGORY | RECORDS | WEIGHTED VISITS | PERCENT |
|-----------------------|---------|-----------------|---------|
| Number of Medications | | | |
| Total | 19,481 | 150,649,792 | 100.000 |
| 0 | 4,224 | 31,857,235 | 21.147 |
| 1 | 4,136 | 31,197,614 | 20.709 |
| 2 | 3,697 | 28,713,943 | 19.060 |
| 3 | 2,556 | 20,256,217 | 13.446 |
| 4 | 1,680 | 13,265,254 | 8.805 |
| 5 | 1,081 | 8,586,118 | 5.699 |
| 6 | 691 | 5,263,524 | 3.494 |
| 7 | 435 | 3,373,241 | 2.239 |
| 8 | 267 | 2,235,020 | 1.484 |
| 9 | 176 | 1,389,718 | 0.922 |
| 10 | 100 | 826,114 | 0.548 |
| 11 | 109 | 792,701 | 0.526 |
| 12 | 70 | 509,416 | 0.338 |
| 13 | 54 | 475,244 | 0.315 |
| 14 | 47 | 386,052 | 0.256 |
| 15 | 34 | 307,210 | 0.204 |
| 16 | 28 | 273,971 | 0.182 |
| 17 | 26 | 226,579 | 0.150 |
| 18 | 16 | 168,536 | 0.112 |
| 19 | 5 | 76,086 | 0.051 |
| 20 | 9 | 103,620 | 0.069 |
| 21 | 11 | 120,817 | 0.080 |
| 22 | 9 | 92,909 | 0.062 |
| 23 | 7 | 22,337 | 0.015 |
| 24 | 3 | 34,575 | 0.023 |
| 25 | 2 | 9,988 | 0.007 |
| 26 | 1 | 17,259 | 0.011 |
| 27 | 1 | 7,975 | 0.005 |
| 28 | 1 | 20,755 | 0.014 |
| 29 | 3 | 23,815 | 0.016 |
| 30 | 2 | 15,950 | 0.011 |

B. EMERGENCY DEPARTMENT DRUG MENTIONS

| CATEGORY | RECORDS | WEIGHTED MENTIONS | PERCENT |
|-------------------|----------------|--------------------------|----------------|
| Patient Age | | | |
| Total | 49,536 | 393,627,884 | 100.000 |
| Under 15 years | 6,598 | 51,134,971 | 12.991 |
| 15-24 years | 5,754 | 43,465,817 | 11.042 |
| 25-44 years | 13,436 | 106,712,450 | 27.110 |
| 45-64 years | 13,094 | 103,294,547 | 26.242 |
| 65-74 years | 5,060 | 44,214,002 | 11.232 |
| 75 years and over | 5,594 | 44,806,096 | 11.383 |

| CATEGORY | RECORDS | WEIGHTED MENTIONS | PERCENT |
|-----------------|----------------|--------------------------|----------------|
| Sex | | | |
| Total | 49,536 | 393,627,884 | 100.000 |
| Female | 27,284 | 222,318,891 | 56.479 |
| Male | 22,252 | 171,308,992 | 43.521 |

| CATEGORY | RECORDS | WEIGHTED MENTIONS | PERCENT |
|--|----------------|--------------------------|----------------|
| Race (Unimputed) | | | |
| Total | 49,536 | 393,627,884 | 100.000 |
| Blank | 9,432 | 69,891,581 | 17.756 |
| White Only | 28,199 | 236,304,366 | 60.032 |
| Black/African American Only | 9,996 | 74,605,215 | 18.953 |
| Asian Only | 1,153 | 7,260,438 | 1.844 |
| Native Hawaiian/ Oth Pac Isl Only | 237 | 1,773,596 | 0.451 |
| American Indian/ Alaska Native Only | 254 | 2,030,849 | 0.516 |
| More than one race reported | 265 | 1,761,839 | 0.448 |

| CATEGORY | RECORDS | WEIGHTED MENTIONS | PERCENT |
|---|---------|-------------------|---------|
| Drug therapeutic categories (using Level 1 codes) | | | |
| Total | 57,775 | 457,826,449 | 100.000 |
| Anti-infectives | 5,694 | 45,853,676 | 10.016 |
| Antineoplastics | 47 | 355,416 | 0.078 |
| Biologicals | 31 | 201,838 | 0.044 |
| Cardiovascular agents | 3,469 | 27,314,436 | 5.966 |
| Central nervous system agents | 19,729 | 156,876,631 | 34.266 |
| Coagulation modifiers | 1,291 | 11,014,179 | 2.406 |
| Gastrointestinal agents | 3,324 | 25,970,943 | 5.673 |
| Hormones/hormone modifiers | 1,827 | 15,614,058 | 3.410 |
| Miscellaneous agents | 1,424 | 10,034,449 | 2.192 |
| Genitourinary tract agents | 176 | 1,340,660 | 0.293 |
| Nutritional products | 6,212 | 48,024,018 | 10.490 |
| Respiratory agents | 8,306 | 66,420,718 | 14.508 |
| Topical agents | 2,084 | 16,289,154 | 3.558 |
| Plasma expanders | 11 | 72,296 | 0.016 |
| Alternative medicines | 177 | 1,712,835 | 0.374 |
| Psychotherapeutic agents | 1,156 | 7,651,942 | 1.671 |
| Immunological agents | 469 | 3,528,010 | 0.771 |
| Radiologic agents | 950 | 7,637,179 | 1.668 |
| Metabolic agents | 1,117 | 9,197,880 | 2.009 |
| Medical gases | 261 | 2,534,802 | 0.554 |
| Pharmaceutical aids | 20 | 181,329 | 0.040 |

NOTE: Therapeutic categories are based on Lexicon Plus®, a proprietary database of Cerner Multum, Inc. The Lexicon Plus is a comprehensive database of all prescription and some nonprescription drug products available in the U.S. drug market. For additional information on the Multum Lexicon Drug Database, please refer to the following Web site: <http://www.multum.com/lexicon.html>. For more information on coding therapeutic categories in NHAMCS, see page 20.

C. EMERGENCY DEPARTMENTS

| CATEGORY | RECORDS | WEIGHTED EMERGENCY DEPARTMENTS | PERCENT |
|-------------------|----------------|---------------------------------------|----------------|
| Geographic region | | | |
| Total | 210 | 4,601 | 100.000 |
| Northeast | 44 | 646 | 14.041 |
| Midwest | 46 | 1,168 | 25.392 |
| South | 79 | 1,842 | 40.030 |
| West | 41 | 945 | 20.537 |

| CATEGORY | RECORDS | WEIGHTED EMERGENCY DEPARTMENTS | PERCENT |
|--|----------------|---------------------------------------|----------------|
| Metropolitan Statistical Area (MSA) Status | | | |
| Total | 210 | 4,601 | 100.000 |
| MSA | 181 | 2,998 | 65.158 |
| Non-MSA | 29 | 1,603 | 34.842 |

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*, at http://www.cdc.gov/nchs/ahcd/ahcd_questionnaires.htm.

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 2019, 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 2019 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 Ambulatory and Hospital Care Statistics Branch (AHCSB) 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\PLANNAME.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\PLANNAME.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 2019 NHAMCS ED 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 (<http://www.cdc.gov/nchs/ahcd.htm>). For more information, contact the Ambulatory and Hospital Care Statistics Branch at 301-458-4600 or email ambcare@cdc.gov.

B. INSTRUCTIONS FOR COMPLETING PATIENT RECORD FORMS (PRFs)

I. EMERGENCY DEPARTMENT PATIENT RECORD FORM

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.

All item instructions used with the survey instrument in 2019 were identical to those used in [2018](#), with a single exception. Within the Diagnostic Services item, the category name "CBC" was expanded to "Complete Blood Count (CBC)". There were no changes made in 2018 and only minimal changes in [2017](#). Item instructions were last printed in full in the [2016](#) NHAMCS Public Use File Documentation.

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 CLASSIFICATION

A. SUMMARY OF CODES

| MODULE | CODE NUMBER |
|---|-------------|
| SYMPTOM MODULE | |
| 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 |
| DISEASE MODULE | |
| 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 |
| DISEASE MODULE (continued) | CODE NUMBER |
| 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 |
| DIAGNOSTIC, SCREENING AND PREVENTIVE MODULE | |
| General Examinations | 3100-3199 |
| Special Examinations | 3200-3299 |
| Diagnostic Tests | 3300-3399 |
| Other Screening and Preventive Procedures | 3400-3499 |
| Family Planning | 3500-3599 |
| TREATMENT MODULE | |
| Medications | 4100-4199 |
| Preoperative and Postoperative Care | 4200-4299 |
| Specific Types of Therapy | 4400-4499 |
| Specific Therapeutic Procedures | 4500-4599 |
| 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 |
| TEST RESULTS MODULE | 6100-6700 |
| ADMINISTRATIVE MODULE | 7100-7140 |
| UNCODABLE ENTRIES | 8990-8999 |
| BLANK | -9 |

NOTE: NOS = Not otherwise specified; NEC = not elsewhere classified

B. REASON FOR VISIT CLASSIFICATION TABULAR LISTING**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 problem (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

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

1165.0 Other symptoms or problems relating to psychological and mental disorders, NEC (continued)

- Mood swings
- Non-communicative
- 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 complication of anesthesia

Note: Use additional code to identify 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
Posticinal

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 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 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)
Abrasion (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
Poliomyelitis
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

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
- Hematochromatosis
- 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

2635.0 Hay fever

Includes:

Allergic rhinitis

Allergy to:

Dust

Pollen

Animals

Ragweed

Nasal allergy

Pollenosis

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
Procidentia 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

Keratoses

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)
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)

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 HEMOBLOBIN)

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

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

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 list (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
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 scapula
Rib

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 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

Not: 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 (DX V705)
Required company physical
Return to work checkup (DX V703)
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: (use DX code V703 unless says well child in DX, then use V202)

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 of Cerner Multum, Inc., 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
a10249 DEXTROSE-RINGERS LACTATED
a10252 DEXTROSE-NORMAL SALINE
a10264 DEXTROSE;POTASSIUM CHLORIDE;SODIUM CHLORIDE
a10279 DEXTROSE-STERILE WATER
a10463 ALUMINUM HYDROXIDE;DIPHENHYDRAMINE TOPICAL;LIDOCAINE;MAGNESIUM
ANTACIDS
a10651 POTASSIUM ION-SODIUM CHLORIDE
a10707 SOAP-WATER
a10726 POLYETHYLENE GLYCOL 3350;POTASSIUM CHLORIDE;SODIUM BICARBONATE;SODIUM
CHLORIDE;SODIUM SULFATE
a10893 ARGININE;GLUTAMINE;HMB
a10959 ANGELICA ROOT;ARECA PEEL;PERILLA LEAF;WRINKLED GIANT HYSSOP
a10962 BENZOCAINE TOPICAL;BUTYL AMINO BENZOATE;TETRACAINE TOPICAL
a10968 MINERAL OIL;MINERAL WAX;PETROLATUM TOPICAL;WOOLWAX ALCOHOL
a10985 CALCIUM CASEINATE-WHEY
a11015 ILEX-MENTHOL TOPICAL
a11134 LIDOCAINE-TRIAMCINOLONE
a11137 ALUMINUM HYDROXIDE;LIDOCAINE;MAGNESIUM HYDROXIDE;SIMETHICONE
a11138 EPINEPHRINE TOPICAL;LIDOCAINE;TETRACAINE TOPICAL
a11163 POLYMYXIN B SULFATE-TRIMETHOPRIM
a11166 DORZOLAMIDE OPHTHALMIC-TIMOLOL
a11298 FOLIC ACID;MULTIVITAMIN;SODIUM CHLORIDE;THIAMINE
a11328 BACITRACIN TOPICAL;NEOMYCIN;POLYMYXIN B SULFATE
a11394 BACITRACIN TOPICAL-POLYMYXIN B SULFATE
a11396 DEXAMETHASONE OPHTHALMIC;NEOMYCIN OPHTHALMIC;POLYMYXIN B SULFATE
a11501 SODIUM BICARBONATE-SODIUM CHLORIDE NASAL
a11523 NYSTATIN TOPICAL-TRIAMCINOLONE
a11615 LANOLIN TOPICAL;MINERAL OIL;PETROLATUM TOPICAL
a11620 COLLOIDAL OATMEAL TOPICAL-MINERAL OIL
a11664 ALUMINUM SULFATE TOPICAL;CAMPHOR TOPICAL;LACTOBACILLUS
ACIDOPHILUS;MENTHOL TOPICAL;SALICYLIC ACID TOPICAL
a11697 NAPHAZOLINE NASAL-PHENIRAMINE

a11715 MENTHOL TOPICAL-ZINC OXIDE TOPICAL
a11724 BACITRACIN TOPICAL;NEOMYCIN TOPICAL;POLYMYXIN B OPHTHALMIC
a11727 ACETIC ACID TOPICAL-HYDROCORTISONE OTIC
a11730 BUDESONIDE NASAL-FORMOTEROL
a11738 CAMPHOR TOPICAL;MENTHOL TOPICAL;PHENOL TOPICAL
a11741 CAMPHOR TOPICAL;MENTHOL TOPICAL;METHYL SALICYLATE TOPICAL
a50520 BENZETHONIUM CHLORIDE
a50770 CALCIUM REPLACEMENT
a51675 DEXTROSE
a52023 ELECTROLYTES
a52395 GELATIN
a52535 HAMAMELIS WATER
a52775 INFANT FORMULA
a52885 IRON PREPARATIONS
a53025 LEMON OIL
a53155 LYPRESSIN
a53298 MEGLUMINE
a54655 POTASSIUM REPLACEMENT SOLUTIONS
a54922 PROTEIN SUPPLEMENT
a55115 RINGERS LACTATED
a55218 SILICONE
a55330 SODIUM FLUORIDE
a55400 SODIUM SUCCINATE
a55510 SUCCINLYCHOLINE
a55520 SUCROSE
a56198 VITAMIN K
a56265 ZINC TOPICAL AGENTS, EXTERNAL USE
a56345 VITAMIN B COMPLEX
a56580 POLOXAMER 188
a57024 MAGNESIUM ION
a57034 PHOSPHORUS
a57092 RECOMBINANT HUMAN DEOXYRIBONUCLEASE
a57158 TECHNETIUM
a70010 SEROTONIN
a71002 FLOXACILLIN
a71008 TECHNETIUM TC 99M MERTIATIDE INJECTION
c00007 ANTIVIRAL AGENTS
c00012 MISCELLANEOUS ANTIBIOTICS
c00027 RADIOPHARMACEUTICALS
c00042 ANGIOTENSIN CONVERTING ENZYME INHIBITORS
c00047 BETA-ADRENERGIC BLOCKING AGENTS
c00049 DIURETICS
c00051 MISCELLANEOUS CARDIOVASCULAR AGENTS
c00058 ANALGESICS
c00059 MISCELLANEOUS ANALGESICS
c00061 NONSTEROIDAL ANTI-INFLAMMATORY AGENTS
c00070 MISCELLANEOUS ANXIOLYTICS, SEDATIVES AND HYPNOTICS
c00072 GENERAL ANESTHETICS
c00077 MISCELLANEOUS ANTIPSYCHOTIC AGENTS
c00080 MISCELLANEOUS CENTRAL NERVOUS SYSTEM AGENTS
c00082 ANTICOAGULANTS
c00085 MISCELLANEOUS COAGULATION MODIFIERS
c00087 GASTROINTESTINAL AGENTS

c00088 ANTACIDS
c00095 LAXATIVES
c00096 MISCELLANEOUS GI AGENTS
c00099 ANTIDIABETIC AGENTS
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 ANTI-ASTHMATIC COMBINATIONS
c00135 ANTISEPTIC AND GERMICIDES
c00138 TOPICAL STEROIDS
c00139 TOPICAL ANESTHETICS
c00140 MISCELLANEOUS TOPICAL AGENTS
c00169 MISCELLANEOUS OPHTHALMIC AGENTS
c00174 MISCELLANEOUS ANTIHYPERLIPIDEMIC AGENTS
c00178 SKELETAL MUSCLE RELAXANTS
c00198 MISCELLANEOUS ANTIEMETICS
c00209 TRICYCLIC ANTIDEPRESSANTS
c00220 HERBAL PRODUCTS
c00248 TOPICAL EMOLLIENTS
c00301 GLUCOCORTICOIDS
c00309 MISCELLANEOUS ANTIDIABETIC AGENTS
c00331 RADIOLOGIC AGENTS
c00363 PROBIOTICS
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
d00019 NAPROXEN
d00021 RANITIDINE
d00022 WARFARIN
d00023 ALLOPURINOL
d00024 AZATHIOPRINE
d00027 HALOPERIDOL

d00028 KETOPROFEN
d00032 PROPRANOLOL
d00034 ZIDOVUDINE
d00037 DOXYCYCLINE
d00039 INDOMETHACIN
d00040 OXAZEPAM
d00041 TETRACYCLINE
d00043 CLINDAMYCIN
d00044 CLONIDINE
d00045 DILTIAZEM
d00046 ERYTHROMYCIN
d00047 RIFAMPIN
d00048 VERAPAMIL
d00049 ACETAMINOPHEN
d00050 METHADONE
d00051 NIFEDIPINE
d00052 CEFTRIAXONE
d00055 CEFOTETAN
d00056 CEFUROXIME
d00057 PIPERACILLIN
d00058 CARBAMAZEPINE
d00059 LIDOCAINE
d00060 METHOTREXATE
d00061 LITHIUM
d00064 CHLORPROMAZINE
d00067 AZTREONAM
d00069 TOBRAMYCIN
d00070 FUROSEMIDE
d00071 FLUCONAZOLE
d00072 CEFIXIME
d00073 CEFPROZIL
d00079 CYCLOSPORINE
d00080 CEFADROXIL
d00082 IMIPENEM-CILASTATIN
d00083 VALPROIC ACID
d00084 PREDNISOLONE
d00086 AMANTADINE
d00088 AMOXICILLIN
d00089 AMOXICILLIN-CLAVULANATE
d00090 AMPICILLIN-SULBACTAM
d00091 AZITHROMYCIN
d00094 CEFOXITIN
d00095 CEFPODOXIME
d00096 CEPHALEXIN
d00097 CLARITHROMYCIN
d00098 DAPSONE
d00100 GRISEOFULVIN
d00101 ISONIAZID
d00103 KETOCONAZOLE
d00106 METHENAMINE
d00108 METRONIDAZOLE
d00112 NITROFURANTOIN
d00114 OFLOXACIN

d00116 PENICILLIN
d00118 SULFADIAZINE
d00119 SULFAMETHOXAZOLE
d00120 SULFISOXAZOLE
d00124 SULFAMETHOXAZOLE-TRIMETHOPRIM
d00125 VANCOMYCIN
d00132 HYDRALAZINE
d00134 METOPROLOL
d00136 SODIUM NITROPRUSSIDE
d00138 PRAZOSIN
d00139 TIMOLOL
d00140 CIMETIDINE
d00141 FAMOTIDINE
d00143 PHENYTOIN
d00144 NORTRIPTYLINE
d00145 DESIPRAMINE
d00146 AMITRIPTYLINE
d00148 DIAZEPAM
d00149 LORAZEPAM
d00150 COLCHICINE
d00153 DICLOXACILLIN
d00154 MEBENDAZOLE
d00161 ACETAZOLAMIDE
d00164 ADENOSINE
d00168 ALPRAZOLAM
d00170 ASPIRIN
d00174 ATROPINE
d00175 BENZTROPINE
d00178 BROMOCRIPTINE
d00179 BUMETANIDE
d00180 BUPIVACAINE
d00181 BUPROPION
d00182 BUSPIRONE
d00184 CARBIDOPA
d00189 CHLORDIAZEPOXIDE
d00190 CHLOROTHIAZIDE
d00192 CHLOROTHALIDONE
d00193 CHOLESTYRAMINE
d00197 CLONAZEPAM
d00199 CLOZAPINE
d00200 CROMOLYN
d00206 DEXAMETHASONE
d00207 DEXTROMETHORPHAN
d00210 DIGOXIN
d00212 DIPHENHYDRAMINE
d00213 DIPYRIDAMOLE
d00215 DOBUTAMINE
d00216 DOPAMINE
d00217 DOXEPIN
d00219 DROPERIDOL
d00223 EPOETIN ALFA

d00227 ETHOSUXIMIDE
d00231 FELODIPINE
d00233 FENTANYL
d00234 FLECAINIDE
d00236 FLUOXETINE
d00237 FLUPHENAZINE
d00239 FLURBIPROFEN
d00241 FOLIC ACID
d00245 GEMFIBROZIL
d00246 GLIPIZIDE
d00248 GLYBURIDE
d00252 HEPARIN
d00253 HYDROCHLOROTHIAZIDE
d00254 HYDROCORTISONE
d00255 HYDROMORPHONE
d00259 IMIPRAMINE
d00262 INSULIN
d00265 IPRATROPIUM
d00268 ISOSORBIDE DINITRATE
d00269 ISOSORBIDE MONONITRATE
d00272 KETAMINE
d00273 KETOROLAC
d00278 LEVOTHYROXINE
d00280 LOVASTATIN
d00282 MANNITOL
d00284 MEDROXYPROGESTERONE
d00289 MERCAPTOPYRINE
d00290 METHIMAZOLE
d00293 METHYLPREDNISOLONE
d00298 METOCLOPRAMIDE
d00299 METOLAZONE
d00300 MEXILETINE
d00301 MIDAZOLAM
d00303 MISOPROSTOL
d00305 MITOMYCIN
d00308 MORPHINE
d00310 NABUMETONE
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
d00343 PIROXICAM
d00344 POLYMYXIN B SULFATE

d00345 POTASSIUM CHLORIDE
d00346 POVIDONE IODINE TOPICAL
d00348 PRAVASTATIN
d00350 PREDNISONE
d00352 PRIMIDONE
d00355 PROCHLORPERAZINE
d00356 PROMAZINE
d00358 PROPAFENONE
d00365 QUINAPRIL
d00370 OCTREOTIDE
d00371 SOTALOL
d00373 SPIRONOLACTONE
d00377 SUCRALFATE
d00379 SULFASALAZINE
d00381 TAMOXIFEN
d00384 TEMAZEPAM
d00386 TERAZOSIN
d00391 THIOTHIXENE
d00395 TRAZODONE
d00397 TRIAZOLAM
d00398 VASOPRESSIN
d00399 VECURONIUM
d00402 VITAMIN A
d00405 VITAMIN E
d00412 PYRIDOXINE
d00413 CYANOCOBALAMIN
d00425 CALCIUM CARBONATE
d00426 ASCORBIC ACID
d00427 POTASSIUM PHOSPHATE-SODIUM PHOSPHATE
d00428 FLUORIDE
d00438 SODIUM CHLORIDE
d00440 SODIUM BICARBONATE
d00468 MAGNESIUM SULFATE
d00471 SODIUM ACETATE
d00472 TROMETHAMINE
d00475 SODIUM PHOSPHATE
d00476 AMMONIUM CHLORIDE
d00485 IODINE TOPICAL
d00488 LYSINE
d00497 OMEGA-3 POLYUNSATURATED FATTY ACIDS
d00521 ALTEPLASE
d00529 TRANEXAMIC ACID
d00537 ESTRADIOL
d00541 CONJUGATED ESTROGENS
d00554 HYDROXYPROGESTERONE
d00555 NORETHINDRONE
d00557 LEVONORGESTREL
d00558 TESTOSTERONE
d00563 FINASTERIDE
d00583 DESMOPRESSIN
d00584 OXYTOCIN

d00587 METHYLERGONOVINE
d00593 GLUCAGON
d00595 GLUCOSE
d00598 CALCITONIN
d00601 PAMIDRONATE
d00608 FLUDROCORTISONE
d00609 CORTISONE
d00620 TRIAMCINOLONE
d00626 DEXAMETHASONE TOPICAL
d00628 BETAMETHASONE
d00651 UREA TOPICAL
d00652 GLYCERIN
d00653 ISOSORBIDE
d00655 THYROID DESICCATED
d00683 LIDOCAINE TOPICAL
d00689 AMLODIPINE
d00699 EPINEPHRINE
d00700 EPHEDRINE
d00704 PHENYLEPHRINE
d00709 BISOPROLOL
d00717 GUANFACINE
d00726 DOXAZOSIN
d00728 RAMIPRIL
d00730 BENAZEPRIL
d00732 LISINOPRIL
d00743 SODIUM POLYSTYRENE SULFONATE
d00744 COLESTIPOL
d00746 SIMVASTATIN
d00749 ALBUTEROL
d00752 TERBUTALINE
d00758 AMINOPHYLLINE
d00760 BECLOMETHASONE
d00762 ACETYLCYSTEINE
d00769 PSEUDOEPHEDRINE
d00771 NAPHAZOLINE OPHTHALMIC
d00772 OXYMETAZOLINE NASAL
d00773 TETRAHYDROZOLINE OPHTHALMIC
d00785 BROMPHENIRAMINE
d00787 PROMETHAZINE
d00790 CYPROHEPTADINE
d00796 BENZONATATE
d00797 GUAIFENESIN
d00799 IODINATED GLYCEROL
d00800 POTASSIUM IODIDE
d00801 CAFFEINE
d00803 AMPHETAMINE
d00804 DEXTROAMPHETAMINE
d00806 PHENTERMINE
d00813 BENZOCAINE TOPICAL
d00817 HYDROXYCHLOROQUINE
d00838 BUTORPHANOL
d00839 NALBUPHINE
d00840 BUPRENORPHINE

d00843 SODIUM SALICYLATE
d00848 DICLOFENAC
d00851 ETODOLAC
d00855 PERPHENAZINE
d00859 MECLIZINE
d00861 DIMENHYDRINATE
d00866 DRONABINOL
d00867 ONDANSETRON
d00876 CLOMIPRAMINE
d00880 SERTRALINE
d00897 LOXAPINE
d00900 METHYLPHENIDATE
d00907 HYDROXYZINE
d00910 ZOLPIDEM
d00923 BUTABARBITAL
d00929 METHOHEXITAL
d00931 ETOMIDATE
d00933 PROPOFOL
d00934 NITROUS OXIDE
d00945 TRIMETHADIONE
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
d01113 COLISTIMETHATE

d01115 BACITRACIN
d01120 ATOVAQUONE
d01123 PYRANTEL
d01135 IMMUNE GLOBULIN INTRAMUSCULAR
d01139 RHO (D) IMMUNE GLOBULIN
d01144 ANTIVENIN (CROTALIDAE) POLYVALENT
d01147 RABIES VACCINE (OBSOLETE)
d01148 RABIES IMMUNE GLOBULIN, HUMAN
d01164 INFLUENZA VIRUS VACCINE, INACTIVATED
d01166 HEPATITIS B VACCINE (OBSOLETE)
d01168 TETANUS TOXOID
d01171 TUBERCULIN PURIFIED PROTEIN DERIVATIVE
d01191 PILOCARPINE OPHTHALMIC
d01199 HOMATROPINE OPHTHALMIC
d01200 TROPICAMIDE OPHTHALMIC
d01201 CYCLOPENTOLATE OPHTHALMIC
d01208 SULFACETAMIDE SODIUM OPHTHALMIC
d01215 TRIFLURIDINE OPHTHALMIC
d01217 TETRACAINE
d01218 PROPARACAINE OPHTHALMIC
d01219 FLUORESCEIN OPHTHALMIC
d01226 HYDROXYPROPYL METHYLCELLULOSE OPHTHALMIC
d01231 CHLORHEXIDINE TOPICAL
d01232 CARBAMIDE PEROXIDE TOPICAL
d01233 NYSTATIN
d01238 TERCONAZOLE TOPICAL
d01239 GENTIAN VIOLET TOPICAL
d01241 CLINDAMYCIN TOPICAL
d01242 NONOXYNOL 9 TOPICAL
d01244 TRETINOIN TOPICAL
d01245 ISOTRETINOIN
d01257 NITROFURAZONE TOPICAL
d01259 SILVER SULFADIAZINE TOPICAL
d01267 MUPIROCIN TOPICAL
d01272 CICLOPIROX TOPICAL
d01274 TOLNAFTATE TOPICAL
d01279 PERMETHRIN TOPICAL
d01288 CLOBETASOL TOPICAL
d01290 DESONIDE TOPICAL
d01293 FLUOCINOLONE TOPICAL
d01294 FLUOCINONIDE TOPICAL
d01296 FLUTICASONE
d01306 COCAINE TOPICAL
d01307 SALICYLIC ACID TOPICAL
d01313 TRICHLOROACETIC ACID TOPICAL
d01315 COLLAGENASE TOPICAL
d01321 CAPSAICIN TOPICAL
d01335 SODIUM HYPOCHLORITE TOPICAL
d01348 MEGESTROL
d01353 LEUPROLIDE
d01373 HYDROXYUREA
d01389 DISULFIRAM
d01406 NALTREXONE

d01407 FLUMAZENIL
d01423 POTASSIUM CITRATE
d01427 BETHANECHOL
d01445 BARIUM SULFATE
d01456 IOHEXOL
d01461 IOPAMIDOL
d01469 IOVERSOL
d01473 DIATRIZOATE
d02375 PLASMA PROTEIN FRACTION
d02376 ALBUMIN HUMAN
d03041 ENOXAPARIN
d03050 LORATADINE
d03052 HYDROCHLOROTHIAZIDE-TRIAMTERENE
d03054 AMYLASE
d03061 BUTALBITAL
d03066 CITRIC ACID
d03071 DIPHENOXYLATE
d03075 HYDROCODONE
d03078 KAOLIN
d03080 LIPASE
d03085 PEPSIN
d03098 SODIUM CITRATE
d03110 DIPHTH;PERTUSSIS, ACEL;TETANUS (OBSOLETE)
d03126 CALCITRIOL
d03128 ERGOCALCIFEROL
d03129 CHOLECALCIFEROL
d03130 THIAMINE
d03133 HYDROXOCOBALAMIN
d03135 PHYTONADIONE
d03137 CALCIUM-VITAMIN D
d03140 MULTIVITAMIN
d03143 MULTIVITAMIN WITH FLUORIDE
d03145 MULTIVITAMIN WITH MINERALS
d03148 MULTIVITAMIN, PRENATAL
d03154 DOXYLAMINE
d03157 PAROXETINE
d03160 SUMATRIPTAN
d03162 ETHANOL
d03165 PIPERACILLIN-TAZOBACTAM
d03171 GRANISETRON
d03173 DORNASE ALFA
d03180 RISPERIDONE
d03181 VENLAFAXINE
d03182 GABAPENTIN
d03189 TORSEMIDE
d03191 TERBINAFINE TOPICAL
d03192 ZINC OXIDE TOPICAL
d03193 AMILORIDE-HYDROCHLOROTHIAZIDE
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
d03214 KETOROLAC OPHTHALMIC
d03221 PREDNISOLONE OPHTHALMIC
d03222 TOBRAMYCIN OPHTHALMIC
d03226 SALIVA SUBSTITUTES
d03227 FLUOROMETHOLONE OPHTHALMIC
d03238 ETHINYL ESTRADIOL-NORETHINDRONE
d03241 ETHINYL ESTRADIOL-NORGESTREL
d03242 ETHINYL ESTRADIOL-LEVONORGESTREL
d03247 HYDROCHLOROTHIAZIDE-SPIRONOLACTONE
d03258 ATENOLOL-CHLORTHALIDONE
d03265 BENAZEPRIL-HYDROCHLOROTHIAZIDE
d03266 HYDROCHLOROTHIAZIDE-LISINAPRIL
d03289 ACETAMINOPHEN-PSEUDOEPHEDRINE
d03296 ACETAMINOPHEN-CHLORPHENIRAMINE
d03297 ACETAMINOPHEN-PHENYLTOLOXAMINE
d03301 BROMPHENIRAMINE-PSEUDOEPHEDRINE
d03302 BROMPHENIRAMINE-PHENYLPROPANOLAMINE
d03316 PSEUDOEPHEDRINE-TRIPROLIDINE
d03340 HOMATROPINE-HYDROCODONE
d03356 CHLORPHENIRAMINE-HYDROCODONE
d03357 CODEINE-PROMETHAZINE
d03359 CHLORPHENIRAMINE-DEXTROMETHORPHAN
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
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
d03542 FLUORESCEIN-PROPARACAINE OPHTHALMIC
d03546 HYDROCORTISONE-PRAMOXINE TOPICAL
d03555 HYDROCORTISONE-NEOMYCIN TOPICAL
d03561 BETAMETHASONE-CLOTRIMAZOLE TOPICAL

d03562 NYSTATIN-TRIAMCINOLONE TOPICAL
d03600 POTASSIUM BICARBONATE
d03634 BENZOCAINE-CETYLPYRIDINIUM TOPICAL
d03640 BUDESONIDE NASAL
d03641 PETROLATUM TOPICAL
d03644 LACTOBACILLUS ACIDOPHILUS
d03646 LACTOBACILLUS ACIDOPHILUS AND BULGARICUS
d03647 ISOPROPYL ALCOHOL TOPICAL
d03649 BENZOIN TOPICAL
d03652 COLCHICINE-PROBENECID
d03653 CALAMINE TOPICAL
d03655 LIDOCAINE-PRILOCAINE TOPICAL
d03656 ETHYL CHLORIDE TOPICAL
d03664 PHENOL TOPICAL
d03665 MENTHOL TOPICAL
d03668 METHYL SALICYLATE TOPICAL
d03669 MENTHOL-METHYL SALICYLATE TOPICAL
d03684 THROMBIN TOPICAL
d03689 CALCIUM ACETATE
d03692 BENZYL PENICILLOYL-POLYLYSINE
d03697 BALSAM PERU TOPICAL
d03744 BISOPROLOL-HYDROCHLOROTHIAZIDE
d03752 TACROLIMUS
d03756 BACITRACIN TOPICAL
d03761 LANOLIN TOPICAL
d03766 ROCURONIUM
d03768 OCULAR LUBRICANT
d03770 EMOLLIENTS, TOPICAL
d03777 POTASSIUM ACETATE
d03781 ETHINYL ESTRADIOL-NORGESTIMATE
d03782 DESOGESTREL-ETHINYL ESTRADIOL
d03783 BUPIVACAINE-EPINEPHRINE
d03784 EPINEPHRINE-LIDOCAINE
d03790 POTASSIUM PHOSPHATE
d03796 MAGNESIUM CHLORIDE
d03797 MAGNESIUM OXIDE
d03804 FLUVOXAMINE
d03805 DORZOLAMIDE OPHTHALMIC
d03806 ALBENDAZOLE
d03807 METFORMIN
d03809 LAMOTRIGINE
d03818 LORATADINE-PSEUDOEPHEDRINE
d03820 HEPATITIS A VACCINE (OBSOLETE)
d03821 LOSARTAN
d03822 FERROUS GLUCONATE
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
d03848 AZELAIC ACID TOPICAL
d03849 ALENDRONATE
d03850 BICALUTAMIDE
d03858 LAMIVUDINE
d03864 GLIMEPIRIDE
d03866 CALCIUM CITRATE
d03873 ANASTROZOLE
d03879 CANNABIS (SCHEDULE I SUBSTANCE)
d03882 CEFEPIME
d03884 TROLAMINE SALICYLATE TOPICAL
d03888 BENZOCAINE;BUTAMBEN;TETRACAINE TOPICAL
d03895 SINCALIDE
d03897 LACTASE
d03898 SODIUM CHLORIDE, HYPERTONIC, OPHTHALMIC
d03920 FERROUS FUMARATE
d03927 BACITRACIN OPHTHALMIC
d03940 BENZOCAINE-DEXTROMETHORPHAN
d03973 ERYTHROMYCIN OPHTHALMIC
d03974 GENTAMICIN OPHTHALMIC
d03977 OFLOXACIN OPHTHALMIC
d03981 TETRACAINE OPHTHALMIC
d03982 TETRACAINE TOPICAL
d03984 RITONAVIR
d03990 CARBAMIDE PEROXIDE OTIC
d03998 STERILE WATER
d04003 HYDROGEN PEROXIDE TOPICAL
d04009 DOCETAXEL
d04011 INTERFERON BETA-1A
d04012 TERBINAFINE
d04015 ADAPALENE TOPICAL
d04016 IODIXANOL
d04017 LATANOPROST OPHTHALMIC
d04025 MIRTAZAPINE
d04027 MEROPENEM
d04035 AMPHETAMINE-DEXTROAMPHETAMINE
d04037 TIMOLOL OPHTHALMIC
d04040 FEXOFENADINE
d04041 FOSPHENYTOIN
d04047 MIDODRINE
d04048 BRIMONIDINE OPHTHALMIC
d04049 AMMONIUM LACTATE TOPICAL
d04050 OLANZAPINE
d04051 ROPIVACAINE
d04052 PENTOSAN POLYSULFATE SODIUM
d04057 ZINC SULFATE
d04058 MELATONIN
d04066 ALBUTEROL-IPRATROPIUM
d04068 AZELASTINE NASAL

d04083 GADODIAMIDE
d04090 LACTIC ACID TOPICAL
d04099 DONEPEZIL
d04101 IVERMECTIN
d04102 TIZANIDINE
d04105 ATORVASTATIN
d04106 FOSFOMYCIN
d04109 LEVOFLOXACIN
d04113 VALSARTAN
d04115 TOPIRAMATE
d04117 OLOPATADINE OPHTHALMIC
d04121 TAMSULOSIN
d04126 ANAGRELIDE
d04128 LVP SOLUTION
d04134 POLYMYXIN B OPHTHALMIC
d04135 PHENYLEPHRINE OPHTHALMIC
d04145 PRAMIPEXOLE
d04159 SORBITOL
d04160 SODIUM BIPHOSPHATE-SODIUM PHOSPHATE
d04192 COLISTIN;HC;NEOMYCIN;THONZONIUM OTIC
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
d04225 HYDROCODONE-IBUPROFEN
d04233 TRIAMCINOLONE NASAL
d04242 SODIUM CHLORIDE NASAL
d04245 HYDROCHLOROTHIAZIDE-IRBESARTAN
d04248 METHYLCELLULOSE
d04249 CELLULOSE
d04256 CEFDINIR
d04258 CLOPIDOGREL
d04261 RALOXIFENE
d04267 REPAGLINIDE
d04270 FEXOFENADINE-PSEUDOEPHEDRINE
d04271 DICLOFENAC-MISOPROSTOL
d04275 BECLOMETHASONE NASAL
d04276 BUDESONIDE
d04279 FLUNISOLIDE NASAL
d04283 FLUTICASONE NASAL
d04284 FLUTICASONE TOPICAL
d04285 NARATRIPTAN
d04286 FENOFIBRATE
d04288 CIPROFLOXACIN-HYDROCORTISONE OTIC
d04289 MONTELUKAST
d04293 HYDROCHLOROTHIAZIDE-VALSARTAN
d04294 TOLTERODINE
d04298 PHENYLEPHRINE TOPICAL

d04299 SILDENAFIL
d04301 BRINZOLAMIDE OPHTHALMIC
d04312 PARICALCITOL
d04316 EPTIFIBATIDE
d04328 RIZATRIPTAN
d04332 CITALOPRAM
d04342 INFLIXIMAB
d04349 LEFLUNOMIDE
d04363 SEVELAMER
d04369 INSULIN REGULAR
d04370 INSULIN ISOPHANE (NPH)
d04373 INSULIN LISPRO
d04374 INSULIN ISOPHANE-INSULIN REGULAR
d04376 ABACAVIR
d04377 THYROTROPIN ALFA
d04378 MODAFINIL
d04380 CELECOXIB
d04382 CILOSTAZOL
d04387 SODIUM FERRIC GLUCONATE COMPLEX
d04395 CLOTRIMAZOLE TOPICAL
d04397 FLUORIDE TOPICAL
d04399 NYSTATIN TOPICAL
d04404 TAZOBACTAM
d04405 CLAVULANATE
d04411 GARLIC
d04417 CREATINE
d04419 CHONDROITIN
d04420 CHONDROITIN-GLUCOSAMINE
d04427 LEVALBUTEROL
d04431 NEOMYCIN;POLYMYXIN B;PRAMOXINE TOPICAL
d04432 CARBONYL IRON
d04435 DOXERCALCIFEROL
d04440 PERINDOPRIL
d04441 KETOTIFEN OPHTHALMIC
d04442 PIOGLITAZONE
d04452 ZALEPLON
d04459 DOFETILIDE
d04462 OSELTAMIVIR
d04487 PEPPERMINT
d04497 ASPIRIN-DIPYRIDAMOLE
d04499 LEVETIRACETAM
d04500 MOXIFLOXACIN
d04505 DEXMEDETOMIDINE
d04510 INSULIN LISPRO-INSULIN LISPRO PROTAMINE
d04512 CEVIMELINE
d04513 OXCARBAZEPINE
d04514 PANTOPRAZOLE
d04516 ALOSETRON
d04523 UBIQUINONE
d04527 ZONISAMIDE
d04532 MELOXICAM
d04534 LINEZOLID
d04537 RIVASTIGMINE

d04538 INSULIN GLARGINE
d04557 CLOBAZAM
d04572 FORMOTEROL
d04611 FLUTICASONE-SALMETEROL
d04654 DOXYLAMINE-PYRIDOXINE
d04694 TENECTEPLASE
d04697 INSULIN ASPART
d04700 BALSALAZIDE
d04703 GLYBURIDE-METFORMIN
d04708 ZOLEDRONIC ACID
d04717 LOPINAVIR-RITONAVIR
d04723 CALCIUM CARBONATE;FAMOTIDINE;MG HYDROXIDE
d04725 IRON SUCROSE
d04726 5-HYDROXYTRYPTOPHAN
d04737 HYDROCHLOROTHIAZIDE-TELMISARTAN
d04740 TACROLIMUS TOPICAL
d04742 BENZOYL PEROXIDE-CLINDAMYCIN TOPICAL
d04747 ZIPRASIDONE
d04749 ESOMEPRAZOLE
d04753 TRAVOPROST OPHTHALMIC
d04755 VALGANCICLOVIR
d04760 DROSPIRENONE-ETHINYL ESTRADIOL
d04764 CETIRIZINE-PSEUDOEPHEDRINE
d04766 ACETAMINOPHEN-TRAMADOL
d04771 DARBEPOETIN ALFA
d04772 ETONOGESTREL
d04773 ETHINYL ESTRADIOL-ETONOGESTREL
d04774 TENOFOVIR
d04777 DEXMETHYLPHENIDATE
d04779 ETHINYL ESTRADIOL-NORELGESTROMIN
d04782 BOSENTAN
d04783 ERTAPENEM
d04788 DUTASTERIDE
d04796 PERFLUTREN
d04799 FULVESTRANT
d04801 OLMESARTAN
d04802 TREPROSTINIL
d04803 VORICONAZOLE
d04812 ESCITALOPRAM
d04819 BUPRENORPHINE-NALOXONE
d04823 GLIPIZIDE-METFORMIN
d04824 EZETIMIBE
d04825 ARIPIPRAZOLE
d04827 ATOMOXETINE
d04829 TIOTROPIUM
d04835 ADALIMUMAB
d04836 CYCLOSPORINE OPHTHALMIC
d04839 INSULIN ASPART-INSULIN ASPART PROTAMINE
d04844 CAMPHOR-MENTHOL TOPICAL
d04849 ELETRIPTAN
d04851 ROSUVASTATIN

d04857 GATIFLOXACIN OPHTHALMIC
d04884 EMTRICITABINE
d04890 CIPROFLOXACIN-DEXAMETHASONE OTIC
d04893 VARDENAFIL
d04894 DAPTOMYCIN
d04896 TADALAFIL
d04899 MEMANTINE
d04905 BROMPHENIRAMINE;DEXTROMETHORPH;PHENYLEPHRINE
d04911 PENTAFLUOROPROPANE-TETRAFLUROETHANE TOPICAL
d04920 PNEUMOCOCCAL 7-VALENT CONJUGATE VACCINE
d04921 TETANUS-DIPHTH TOXOIDS (TD) ADULT;ADOL
d04935 TINIDAZOLE
d04986 ACAMPROSATE
d05048 AMLODIPINE-ATORVASTATIN
d05218 CINACALCET
d05225 LACTOBACILLUS RHAMNOSUS
d05265 NEBIVOLOL
d05294 RIFAXIMIN
d05337 PNEUMOCOCCAL 23-POLYVALENT VACCINE
d05346 GADOBUTROL
d05348 EZETIMIBE-SIMVASTATIN
d05350 POLYETHYLENE GLYCOL 3350
d05352 EMTRICITABINE-TENOFOVIR
d05355 DULOXETINE
d05366 ACETAMINOPHEN;DEXTROMETHORPHAN;DOXYLAMINE
d05413 SOLIFENACIN
d05421 ESZOPICLONE
d05428 GADOBENATE DIMEGLUMINE
d05436 INSULIN DETEMIR
d05465 CICLESONIDE
d05508 PREGABALIN
d05525 ENTECAVIR
d05541 LIDOCAINE-TETRACAINE TOPICAL
d05578 RAMELTEON
d05646 SACCHAROMYCES BOULARDII LYO
d05649 CEFTRIAZONE-LIDOCAINE
d05659 DEFERASIROX
d05719 RANOLAZINE
d05736 LUBIPROSTONE
d05770 OMEPRAZOLE-SODIUM BICARBONATE
d05776 IODINE
d05781 TETANUS;DIPHTH;PERTUSS (TDAP) ADULT;ADOL
d05807 VARENICLINE
d05813 ZOSTER VACCINE LIVE
d05825 DARUNAVIR
d05851 LEVOCETIRIZINE
d05869 PROTHROMBIN COMPLEX
d05874 ANTIHEMOPHILIC FACTOR-VON WILLEBRAND FACTOR
d05893 ARFORMOTEROL
d05896 SITAGLIPTIN
d06297 PALIPERIDONE
d06307 GADOTERATE MEGLUMINE
d06507 CINNAMON

d06663 LISDEXAMFETAMINE
d06720 METFORMIN-SITAGLIPTIN
d06860 OXYGEN
d06864 HELIUM-OXYGEN
d06867 BIOTIN
d07048 RALTEGRAVIR
d07069 RUFINAMIDE
d07113 DESVENLAFAXINE
d07131 REGADENOSON
d07135 METHYLNALTREXONE
d07137 DABIGATRAN
d07305 FERRIC CARBOXYMALTOSE
d07349 LACOSAMIDE
d07354 SILODOSIN
d07356 RIVAROXABAN
d07373 D-XYLITOL
d07385 HEPARIN FLUSH
d07395 DEXLANSOPRAZOLE
d07397 FEBUXOSTAT
d07466 LIRAGLUTIDE
d07491 LIDOCAINE TOPICAL;NYSTATIN;DIPHENHYDRAMINE TOPICAL
d07507 ESLICARBAZEPINE
d07541 PRUCALOPRIDE
d07542 SODIUM FLUORIDE F-18
d07586 PNEUMOCOCCAL 13-VALENT CONJUGATE VACCINE
d07640 DENOSUMAB
d07643 HEPATITIS B PEDIATRIC VACCINE
d07660 FORMOTEROL-MOMETASONE
d07685 CARBOXYMETHYLCELLULOSE
d07705 LURASIDONE
d07721 TICAGRELOR
d07727 PENICILLIN G BENZATHINE
d07740 VILAZODONE
d07767 LINAGLIPTIN
d07776 RILPIVIRINE
d07804 APIXABAN
d07812 RUXOLITINIB
d07868 AZELASTINE-FLUTICASONE NASAL
d07876 MIRABEGRON
d07885 ACLIDINIUM
d07894 XENON XE-133
d07898 ELVITEGRAVIR
d07902 LINACLOTIDE
d07913 REGORAFENIB
d08054 INSULIN DEGLUDEC
d08079 DIMETHYL FUMARATE
d08080 CANAGLIFLOZIN
d08100 FLUTICASONE-VILANTEROL
d08114 LEVOMILNACIPRAN
d08117 DOLUTEGRAVIR
d08125 VORTIOXETINE

d08170 IBRUTINIB
d08187 UMECLIDINIUM
d08188 UMECLIDINIUM-VILANTEROL
d08276 ORITAVANCIN
d08287 PEMBROLIZUMAB
d08296 SOFOSBUVIR-LEDIPASVIR
d08336 FERRIC CITRATE
d08369 SACUBITRIL-VALSARTAN
d08379 CARIPRAZINE
d08421 BACILLUS COAGULANS
d08435 FORMOTEROL-GLYCOPYRROLATE
d08510 CRISABOROLE TOPICAL
d08521 PLECANATIDE
d08688 SEMAGLUTIDE
d08736 BICTEGRAVIR;EMTRICITABINE;TENOFVIR
d08796 ERENUMAB
n00011 LIDOCAINE;BELLADONNA;ALUMINUM HYDROXIDE-MAGNESIUM HYDROXIDE
n08012 PACKED RED BLOOD CELLS
n08081 DABIGATRAN
n08138 LIDOCAINE-CEFTRIAZONE
n08258 TETROFOSMIN
n09001 RADIOCONTRAST AGENTS
n09059 GADOLINIUM
n09135 LIDOCAINE;EPINEPHRINE;TETRACAINE
n09148 OMEGA-3 POLYUNSATURATED FATTY ACIDS;OMEGA-6 POLYUNSATURATED FATTY
ACIDS;OMEGA-9 POLYUNSATURATED FATTY ACIDS
n09185 MISCELLANEOUS ANTIBIOTICS
n09189 RIVAROXABAN
n11002 DIPHENHYDRAMINE-ALUMINUM HYDROXIDE-MAGNESIUM HYDROXIDE
n11008 CANNABIS (MEDICAL MARIJUANA)
n11009 TNF ALPHA INHIBITOR
n14010 ABACAVIR;DOLUTEGRAVIR;LAMIVUDINE
n15004 LINAGLIPTIN-EMPAGLIFLOZIN
n15005 NALOXEGOL
n15006 IVACAFTOR-LUMACAFTOR
n16004 DULAGLUTIDE
n16015 VALSARTAN
n16016 IVABRADINE

B. DRUG ENTRY CODES AND NAMES IN NUMERIC ORDER

00002 TAMIFLU
00004 LIDODERM PATCH
00009 BICILLIN L-A
00013 MYCOPHENOLATE MOFETIL
00021 LOTRONEX
00022 PREVNAR
00032 EXCEDRIN MIGRAINE
00036 MAALOX PLUS
00042 PROTONIX
00043 D-50-W
00047 DONNATAL ELIXIR
00048 MOBIC
00052 SILDENAFIL CITRATE
00053 TAMSULOSIN HYDROCHLORIDE
00059 RHO IMMUNE GLOBULIN
00064 D5 1/2 NS WITH KCL
00076 TRILEPTAL
00078 AGGRENOX
00079 CAFCIT
00080 CARBIDOPA-LEVODOPA
00084 PREGABALIN
00101 ISOSORBIDE DINITRATE
00102 ISOSORBIDE MONONITRATE
00109 URSODIOL
00117 CRANBERRY
00122 GATORADE
00123 NICOTINE
00125 AVELOX
00150 NICODERM CQ PATCH
00154 CHILDREN'S IBUPROFEN
00161 BISOPROLOL
00164 FIBRINOGEN (HUMAN)
00169 KETOROLAC TROMETHAMINE
00172 OPHTHALMIC OINTMENT
00176 PREDNISOLONE ACETATE
00184 KEPPRA
00198 ENOXAPARIN SODIUM
00208 CELECOXIB
00213 PANTOPRAZOLE SODIUM
00218 CARBAMIDE PEROXIDE
00223 ACCUTANE
00233 CONCERTA
00239 FEMHRT
00251 VICODIN ES
00253 LISPRO
00254 CARTIA XT
00259 FML
00260 ACETAMINOPHEN
00267 LIQUID TEARS

00268 MOMETASONE FUROATE
00269 SUCCINYLCHOLINE CHLORIDE
00274 QVAR
00280 ACETAMINOPHEN W/CODEINE
00283 ACETAMINOPHEN W/OXYCODONE
00295 ACETAZOLAMIDE
00307 METADATE ER
00313 DIGITEK
00316 LEFLUNOMIDE
00338 ACETYLCYSTEINE
00341 TDAP
00342 TRICYCLICS
00361 FLOVENT HFA
00371 PHENERGAN SUPPOSITORIES
00418 MVD COCKTAIL
00486 ACTIVASE
00535 ADENOSINE
00560 ADRENALIN
00597 ADVIL
00645 AFRIN
00785 ALCaine
00790 ALCOHOL
00800 ALCOHOL ISOPROPYL
00805 ALCOHOL RUBBING
00825 ALDACTAZIDE
00830 ALDACTONE
01001 CLARITIN D
01002 NEXIUM
01003 ANAPROX DS
01008 ZONEGRAN
01012 BUDESONIDE
01017 BACTRIM DS
01022 METOPROLOL TARTRATE
01024 RABAVERT
01029 EFFEXOR XR
01030 ALLOPURINOL
01032 TPA
01034 ADVAIR DISKUS
01036 GEODON
01038 HALDOL DECANOATE
01042 REPAGLINIDE
01043 ZIPRASIDONE HCL
01044 Z-PAK
01047 IRBESARTAN
01055 ORAPRED
01064 WELLBUTRIN SR
01087 PROTOPIC
01094 CARDIZEM CD
01096 CLINDAGEL
01111 TRAVATAN
01116 ZYVOX
01124 ULTRACET
01160 D5NS

01193 HALOPERIDOL DECONATE
01196 MOXIFLOXACIN
01206 COENZYME Q10
01207 LITHIUM CARBONATE
01214 LANTUS
01216 OXCARBAZEPINE
01225 ALUMINUM HYDROXIDE
01228 BECLOMETHASONE DIPROPIONATE
01242 CEFAZOLIN SODIUM
01246 RIZATRIPTAN BENZOATE
01249 METADATE CD
01264 DEPACON
01266 INSULIN GLARGINE
01267 HUMALOG MIX 75/25
01275 ZONISAMIDE
01281 ADDERALL XR
01282 LATANOPROST
01290 AMANTADINE
01297 NICOTINE GUM
01307 DORZOLAMIDE AND TIMOLOL
01310 PARICALCITOL
01318 EPTIFIBATIDE
01378 AMIDATE
01450 AMINOPHYLLINE
01530 AMITRIPTYLINE
01570 AMMONIUM CHLORIDE
01630 AMOXICILLIN
01635 AMOXICILLIN TRIHYDRATE
01640 AMOXIL
01660 AMPHETAMINE
01685 AMPICILLIN
01775 ANALGESIC
01838 ANAPROX
01840 ANASPAZ
01860 ANBESOL
01865 ANCEF
01975 ANECTINE
01983 ANESTHETIC
02013 BENICAR
02018 FOCALIN
02019 FORADIL AEROLIZER
02027 GLUCAGEN
02037 LEVETIRACETAM
02042 DUONEB
02047 AUGMENTIN ES
02054 TRIMETHOPRIM SULFATE/POLYMYXIN B SULFAT
02061 GUAIFENESIN/PSEUDOEPHEDRINE
02065 TNKASE
02076 MAPAP
02077 MEROPENEM
02079 NITROGLYCERIN SUBLINGUAL

02080 ANTACID
02083 UNITHROID
02087 SOAPSUDS ENEMA
02089 TENECTEPLASE
02092 MUPIROCIN CALCIUM OINTMENT
02093 OATMEAL BATH
02099 DEPAKOTE ER
02103 LEVALBUTEROL HCL
02104 MAGNESIUM HYDROXIDE
02107 ZALEPLON
02117 PLAN B
02119 LEXAPRO
02127 BANANA BAG
02128 BENZONATATE
02131 ESOMEPRAZOLE MAGNESIUM
02137 ZYPREXA ZYDIS
02138 MAALOX W/ VISCOUS LIDOCAINE
02140 THIAMINE HCL
02146 ADOXA
02152 KENALOG/LIDOCAINE
02158 ANTIBIOTIC AGENT
02165 ANTICOAGULANT
02186 ORTHO EVRA
02189 GLUCOPHAGE XR
02203 ABILIFY
02209 NOVOLOG
02217 ARANESP
02223 ZETIA
02231 ADALAT CC
02247 FLOXIN OTIC
02250 ANTIVERT
02254 ANAGRELIDE
02256 ESCITALOPRAM OXALATE
02261 VORICONAZOLE
02279 PULMICORT
02292 VENOFER
02315 ANUSOL-HC
02321 TENOFOVIR DISOPROXIL FUMARATE
02333 ROXICODONE
02335 APAP
02347 CALMOSEPTINE
02356 INSPIREX
02367 NUVARING
02405 APRESOLINE
02465 AQUAMEPHYTON
02470 AQUAPHOR
02645 ARTANE
02705 ASCORBIC ACID
02805 ASPIRIN
02875 ATARAX
02900 ATIVAN
02940 ATROPINE
02950 ATROPINE SULFATE

02982 ATROVENT
03002 AVODART
03039 IMODIUM A-D
03056 CITROMA
03057 MEGESTROL ACETATE
03069 NYSTOP
03079 CROFAB
03080 STRATTERA
03081 AMOXICILLIN AND CLAVULANATE POTASSIUM
03091 AZELASTINE HCL
03099 CILOSTAZOL
03109 AUGMENTIN XR
03113 AYGESTIN
03115 AYR SALINE MIST
03117 AZACTAM
03122 GINGER
03123 AZATHIOPRINE
03134 RESTASIS
03139 HECTOROL
03152 INTENSOL
03174 CARBONYL IRON
03177 CALCARB 600
03180 LEVITRA
03181 METAGLIP
03184 WELLBUTRIN XL
03187 CRESTOR
03188 MUCINEX
03189 ORTHO-TRICYCLEN LO
03192 VIGAMOX
03201 MEMANTINE
03211 CIALIS
03226 ENALAPRIL MALEATE
03227 EVOXAC
03229 RED YEAST RICE
03237 ATOMOXETINE HCL
03251 RANITIDINE HCI
03272 METOPROLOL SUCCINATE
03273 NOVOLIN R
03276 SUBOXONE
03283 CEFDINIR
03296 IVERMECTIN
03306 NOVALOG
03309 PROVENTIL HFA
03318 HEPARIN SODIUM
03319 TRAMADOL HCL
03329 FERRLECIT
03332 BENADRYL ALLERGY
03359 MODAFINIL
03368 LINEZOLID
03371 ALTEPLASE
03379 KENALOG IN ORABASE

03381 MELOXICAM
03400 BACIGUENT
03410 BACITRACIN
03415 BACITRACIN-NEOMYCIN-POLYMYXIN
03420 BACITRACIN-POLYMYXIN
03423 BACLOFEN
03427 HUMIRA
03428 EMTRICITABINE
03430 BACTRIM
03434 HYOSCYAMINE
03438 BACTROBAN
03490 BALSAM PERU NF
03700 BECLOMETHASONE
03825 BELLADONNA W/PHENOBARBITAL
03900 BEN-GAY
03905 BENADRYL
04000 BENTYL
04011 NAMENDA
04014 ARIPIPRAZOLE
04029 CEROVITE TABLETS
04041 ALBUTEROL/ATROVENT
04042 SPIRIVA
04044 CIPROFLOXACIN EYE SOLUTION
04050 BENZO MENTH
04051 CYMBALTA
04059 DOCUSATE -SENNA
04061 ENEMEEZ
04070 BENZOIN
04072 NASAL SALINE
04079 GLYCOLAX
04093 JUVEN
04096 LEMON DROPS
04114 VYTORIN
04120 BETADINE
04136 NOVOLOG MIX 70/30
04146 EZETIMIBE
04148 PROSOURCE PROTEIN SUPPLEMENT
04170 BETAMETHASONE
04175 METFORMIN HYDROCHLORIDE ER
04176 SENNA-S
04190 BETHANECHOL
04196 CADUET
04204 CARMEX
04235 BICILLIN
04246 FLORASTOR
04282 ZEMPLAR
04292 SENSIPAR
04307 SENNOSIDES
04322 BIOFREEZE
04339 HERBAL DRUG (UNSPECIFIED)
04344 HYPROMELLOSE
04345 BIOTIN
04370 BISACODYL

04393 TRUVADA
04421 ERTAPENEM
04440 BISMUTH SUBSALICYLATE
04448 AMMONIUM LACTATE
04473 IOPAMIDOL
04480 BLEPH
04488 ELETRIPTAN HYDROBROMIDE
04491 SYMBICORT
04528 TAZOBACTAM
04529 METHYLPREDNISOLONE SODIUM SUCCINATE
04535 BARIUM SULFATE
04536 ABX OINTMENT
04554 PRESOLOL
04556 SEVELAMER HYDROCHLORIDE
04576 DULOXETINE
04589 TIOTROPIUM BROMIDE
04611 DOCETAXEL
04612 IRON SUCROSE
04617 ACCUNEB
04654 TRACLEER
04665 BREVITAL
04679 STATINS
04680 MAGNOX
04803 BROMFED
04845 BROMPHENIRAMINE
04873 BRONCHODILATOR
05012 PRESERVISION
05024 BUMEX
05033 LUNESTA
05035 BUPIVACAINE
05043 BURN OINTMENT
05051 VESICARE
05054 SUBUTEX
05056 ZEGERID
05066 CAMPRAL
05070 BUTABARBITAL
05095 BUTALBITAL
05097 LYRICA
05106 GLIPIZIDE ER
05117 FLOXACILLIN
05124 ENPRESSE
05127 MONONESSA
05147 PROTON-PUMP INHIBITOR
05154 TECHNETIUM TC 99M MERTIATIDE INJECTION
05166 RADIOPAQUE DYE
05180 ELECARE
05197 LOSARTAN-HCTZ
05207 CEFUROXIME AXETIL
05218 CICLOPIROX
05222 PYRANTEL
05223 HOMATROPINE-HYDROCODONE

05240 ISOTRETINOIN
05244 ROZEREM
05265 CAFFEINE
05272 FORMOTEROL
05283 COLISTIMETHATE
05291 LIDOCAINE/PRILOCAINE
05308 MUCINEX DM
05327 SPRINTEC
05333 NORTREL
05335 CALAMINE LOTION
05337 LOFIBRA
05338 FLUTICASON-SALMETEROL
05347 CALAN
05349 NEOMYCIN SULFATE
05393 CALCITONIN
05395 CALCIUM ACETATE
05405 CALCIUM CARBONATE
05415 CALCIUM
05418 CALCIUM CHLORIDE
05430 CALCIUM GLUCONATE
05440 CALCIUM IODIZED
05541 CALTRATE W/VITAMIN D
05648 CAPOTEN
05663 CARAFATE
05680 CARBAMAZEPINE
05789 CARDIZEM
05810 CARISOPRODOL
05895 CATAPRES
05993 CEFTIN
05995 CEFAZOLIN
06004 FOCALIN XR
06038 AMITIZA
06064 GLYBURIDE/METFORMIN
06068 ANASTROZOLE
06074 ZOLEDRONIC ACID
06092 ACETADOTE
06100 CENTRUM
06115 CEPACOL ANESTHETIC TROCHE
06121 RANEXA
06122 RIFAXIMIN
06125 CEPHALEXIN
06129 ADACEL
06138 BOOSTRIX
06161 EZETIMIBE & SIMVASTATIN
06162 CEFUROXIME
06164 LEVEMIR
06176 OLOPATADINE
06180 CETACAINE
06192 CHANTIX
06193 JANUVIA
06194 REVATIO
06202 RIVASTIGMINE
06229 DAPTOMYCIN

06242 LEVSIN/SL
06247 FLECAINIDE
06248 EQUETRO
06249 SALONPAS
06258 ZOSTER VACCINE LIVE
06260 CHARCOAL
06281 MD-GASTROVIEW
06302 OLMESARTAN
06323 TRIDERM
06324 CLOBAZAM
06374 CHILDREN'S TYLENOL
06470 CHLORASEPTIC
06495 CHLORDIAZEPOXIDE
06620 CHLORPROMAZINE
06645 CHLORTHALIDONE
06800 CHRONULAC SYRUP
06815 CIMETIDINE
06839 CIPRO
06860 CITRATE OF MAGNESIA
06865 CITRIC ACID
06905 CLEOCIN
06910 CLEOCIN PHOSPHATE
06913 CLEOCIN T
06920 CLINDAMYCIN
06980 CLONAZEPAM
06985 CLONIDINE
06990 CLONOPIN
07001 OSELTAMIVIR
07003 CLOTRIMAZOLE
07023 PROBIOTIC ACIDAPHILES
07094 TOBRASOL
07096 FLUTICASONE PROPIONATE
07106 CINNAMON
07110 COCAINE
07144 PROAIR HFA
07170 BENAZEPRIL-HYDROCHLOROTHIAZIDE
07171 LAMISIL AT
07177 FLORA-Q
07180 CODEINE
07183 JANUMET
07190 CODEINE SULFATE
07199 SILICONE GEL
07206 PEPCID COMPLETE
07218 GLUMETZA
07239 ICAPS AREDS
07241 DILOTAB
07250 COGENTIN
07251 PERCOCET 10
07252 PERCOCET 7.5
07265 COLACE
07275 COLCHICINE

07282 TACTINAL
07312 FERROCITE
07315 COLESTID
07318 HYDROPHOR
07332 POLYVINYL ALCOHOL
07337 RACEPINEPHRINE
07357 MICROKLENZ
07363 CAPSICUM OLEORESIN
07366 VITAMIN D3
07387 CINACALCET
07389 ENTECAVIR
07392 VALGANCICLOVIR
07406 VYVANSE
07412 ASA
07422 SACCHAROMYCES BOULARDII
07450 PREZISTA
07470 COMPAZINE
07481 XYZAL
07494 LOVAZA
07534 ETONOGESTREL
07543 CONJUGATED ESTROGENS
07616 DERMABOND
07622 FLUARIX
07635 PRENATAL PLUS
07643 TROMETHAMINE
07652 ETHINYL ESTRADIOL-NORETHINDRONE
07680 CORICIDIN
07688 INSULIN ASPART
07793 CORTISOL
07795 CORTISONE
07920 COUGH SYRUP
07930 COUMADIN
07997 CREON
08006 TAMSULOSIN
08009 INSULIN N
08015 CROMOLYN
08032 BYSTOLIC
08058 PRENATAL
08066 IOHEXOL
08067 BICARB
08074 PIPERACILLIN TAZOBACTAM
08077 ESOMEPRAZOLE
08084 LIDOGEL
08090 CYANOCOBALAMIN
08097 EMTRICITABINE/TENOFOVIR
08124 FIBER CAPSULES
08137 BALSALAZIDE
08140 CYCLOGYL
08147 MICRO-K
08149 ADVAIR
08161 ROSUVASTATIN
08165 ACULAR
08169 CORTISPORIN TC OTIC

08180 CYPROHEPTADINE
08181 DILTIAZEM CD
08202 ALBUTEROL/IPRATROPIUM
08208 SALINE GARGLES
08209 MUCINEX D
08222 SALINE LOCK
08228 CHLORPHENIRAMINE/HYDROCODONE
08234 PRISTIQ
08264 FLURA DROPS
08284 DABIGATRAN
08286 MULTIHANCE
08293 SITAGLIPTIN
08303 BACITRACIN ZINC
08306 PHENYTOIN SODIUM EXTENDED
08307 ATROPINE/HYOSCYAMINE/PB/SCOPOL
08308 SENNA PLUS
08317 BACITRACIN W/NEOSPORIN
08336 SYRPALTA
08341 CALCIUM CARBONATE W/VIT D
08343 OCEAN NASAL SPRAY
08345 DACRIOSE
08351 IRON SULFATE
08357 TRIPLE MIX DS
08384 BLOOD PRESSURE MEDICATION
08413 LACTAID
08418 POLYMYXIN B SULFATE DROPS
08426 DOXYLAMINE
08429 RHOPHYLAC
08432 NOVOLOG FLEXPEN
08440 DAPSONE
08441 COVERSYL
08451 MOISTURIZING CREAM OTC
08452 TUSSIONEX PENNKINETIC
08462 AQUADEKS
08468 ROCEPHIN W/LIDOCAINE
08481 ADIPEX-P
08482 LMX CREAM
08497 CENTRUM D
08513 OPHTHALMIC SOLUTION
08527 DARUNAVIR
08531 SYNERA
08547 PCV
08552 PEG 3350
08565 DEBROX
08567 BIOTENE
08585 DECADRON
08590 DECADRON ELIXIR
08591 ISENTRESS
08595 DECADRON PHOSPHATE
08619 RALTEGRAVIR
08629 CIDOMYCIN

08636 GADOBENATE
08637 IODIXANOL
08639 FULVESTRANT
08670 DECONGESTANT
08688 REGADENOSON
08691 MYOVIEW
08753 DELSYM
08770 DELTASONE
08835 DEPAKENE
08836 DEPAKOTE
08865 DEPO-MEDROL
08870 DEPO-PROVERA
08880 DEPO-TESTOSTERONE
09002 CONTRAST
09020 DESIPRAMINE
09025 DESITIN
09033 DESOWEN
09075 DEXAMETHASONE
09077 GADOLINIUM
09090 DEXAMETHASONE SODIUM
09093 WOUND CLEANSER
09095 DEXAMETHASONE SODIUM PHOSPHATE
09109 PREVIDENT
09122 ULORIC
09128 BIAFINE
09149 INSULIN R
09151 STEROID
09157 CELLULOSE OXIDIDE
09170 DEXTROAMPHETAMINE
09174 PRECEDEX
09175 DEXTROSE
09181 TOPICAL ANESTHETIC
09184 XYLITOL
09199 LACOSAMIDE
09213 ESZOPICLONE
09224 HEMATOMA BLOCK
09230 CEFTRIAXONE W/LIDOCAINE
09249 BANZEL
09253 EPIPEN JR
09270 SILVER ALGINATE
09287 HUMALOG MIX 50/50
09296 KEPPRA XR
09297 VALSARTAN/HYDROCHLOROTHIAZIDE
09305 DIAMOX
09318 MYCOLOG II
09327 LEXISCAN
09329 URO-JET
09334 PALIPERIDONE
09337 CICLESONIDE
09344 PACKED RED BLOOD CELLS
09359 RACEMIC NEB
09361 PRENATAL AD
09364 DROSPIRENONE/ETHINYL ESTRADIOL

09365 DIATRIZOATE
09368 KRILL OIL
09370 DIAZEPAM
09371 PEDIA-LAX
09374 SPRIX
09377 Z-PACK
09378 MAALOX MAX
09392 LET GEL
09396 INTUNIV
09418 MAALOX ADVANCED MAXIMUM STRENGTH
09433 DICLOXACILLIN
09438 OMEGA 3/6/9
09455 DICYCLOMINE
09472 MAALOX EXTRA STRENGTH
09481 MENTHOL/METHYL SALICYLATE
09504 THROMBIN
09545 DIGOXIN
09551 POSIFLUSH
09554 TETRAVISC
09562 DEXTROMETHORPHAN/GUAIFENSIN
09576 POTASSIUM CITRATE
09577 NYQUIL
09579 DESOGESTREL ETHINYL-ESTRADIOL
09583 LANTUS SOLOSTAR
09585 DILANTIN
09587 BUPROPION XL
09598 EYE LUBRICANT
09600 DILAUDID
09601 RENVELA
09609 DOFETILIDE
09614 ZOLPIDEM
09619 TELMISARTAN/HCTZ
09626 JUNEL
09648 RELISTOR
09651 ACETAMINOPHEN-TRAMADOL
09655 IV FLUIDS
09657 LIDOCAINE/TETRACAINE
09664 CRYSTALLOID
09667 DEXMEDETOMIDINE
09669 XYLOCAINE-MPF
09673 HYDROXYPROPYL
09679 COLLAGENASE OINTMENT
09722 CHOLECALCIFEROL
09741 FEROSUL
09751 HYDROCODONE/IBUPROFEN
09752 SULFAMETHAZOLE TRIMETHOPRIM
09753 THYROID STIMULATING HORMONE
09760 KETOTIFEN FUMARATE
09774 CIPRO/HYDROCORTISONE
09786 D-10-W
09793 WOUND PREP

09794 ALTACAINE
09797 RAPAFLO
09809 ASPIR-LOW
09827 GADOBENATE DIMEGLUMINE
09834 DITROPAN XL
09843 FERROSOL
09846 CLAVULANATE
09847 SITZ BATH
09849 ENALAPRILAT
09850 DIPHENHYDRAMINE
09853 GLIPIZIDE XL
09867 POTASSIUM BICARBONATE
09880 DIPHENOXYLATE HCL & ATROPINE SULFATE
09882 DEXTROMETHORPHAN
09886 REFRESH PLUS
09888 INSULIN DETEMIR
09894 PHOS-NAK
09897 SKINTEGRITY HYDROGEL
09899 MEPILEX AG
09903 NICORELIEF
09910 VIMPAT
09914 EAR WAX REMOVAL
09920 DIPYRIDAMOLE
09921 TRIMEDAL
09931 ETHINYL ESTRADIOL/LEVONORGESTREL
09944 RANOLAZINE
09951 IV ANTIBIOTICS
09954 DIVALPROEX
09958 RIVAROXABAN
09964 DIASTAT ACUDIAL
09975 DISULFIRAM
09979 SODIUM POLYSTYRENE SULFONATE
09995 DITROPAN
10020 DIURETIC
10025 DIURIL
10028 INVEGA SUSTENNA
10049 DENTAL NERVE BLOCK
10055 DOBUTREX
10064 UBIQUINONE
10083 MYLANTA DS
10087 DOCUSATE
10121 DULERA
10123 VICTOZA
10130 DOLOPHINE
10135 DEXILANT
10144 SALT SOLUTION
10153 IODOPHOR
10157 MINERAL OIL ENEMA
10166 BUPRENORPHINE-NALOXONE
10179 CLINDAMYCIN/BENZOYL GEL
10181 LISDEXAMFETAMINE
10192 SALINE FLUSH
10210 DONNATAL

10211 HELIUM OXGEN MIX
10225 DOPAMINE
10231 NEOMYCIN/POLYMYXIN B/HYDROCORTISONE
10241 GADOTERIDOL
10242 D-VI-SOL
10256 NICOTINE POLACRILEX
10261 LYSTEDA
10274 NEEVO DHA
10301 VITAMIN D2
10316 PCV 13
10324 NUCLEAR RX
10325 DOXEPIN
10355 DOXYCYCLINE
10356 PRADAXA
10360 DOXYLAMINE SUCCINATE & PYRIDOXINE HCL
10375 TRI VITAMIN WITH FLOURIDE
10389 DEXTROAMPHETAMINE/AMPHETAMINE
10393 LORATADINE-PSEUDOEPHEDRINE
10399 CIPROFLOXACIN-DEXAMETHASONE
10408 LIRAGLUTIDE
10411 LOPINAVIR/RITONAVIR
10423 SALINE CLEANSER
10440 DRISDOL
10446 BUTAMBEN-TETRACAINE-BENZOCAINE
10452 ANTIHYPERGLYCEMICS
10466 AZELAIC ACID
10471 ZYMAXID
10496 PROHANCE
10500 DROPERIDOL
10509 COLCRYST
10511 ALPHANATE
10522 LURIDE CHEWABLE
10526 INSULIN ISOPHANE AND REGULAR
10575 DULCOLAX
10800 DURICEF
10815 DYAZIDE
10975 ECOTRIN
11054 BENADRYL/W MAALOX
11065 ELAVIL
11128 PROLIA
11130 ELECTROLYTE
11142 LATUDA
11152 ELOCON
11171 DEFINITY
11172 OPTISON
11197 LURASIDONE
11224 OFIRMEV
11233 GADODIAMIDE
11234 DENOSUMAB
11267 MEDICAL MARIJUANA
11275 PRENATABS

11281 SUPPLEMENTAL SHAKES
11291 TNF ALPHA INHIBITOR
11306 WHEAT DEXTRIN
11309 OCULAR LUBRICANT
11318 IOVERSOL
11354 BUDESONIDE-FORMOTEROL
11368 VTE PROPHYLAXIS
11384 ISOVUE-370
11385 DESVENLAFAXINE
11393 XARELTO
11450 EPHEDRINE
11520 EPIFOAM
11540 EPINEPHRINE
11548 EPIPEN
11615 ERGOCALCIFEROL
11657 ERYPED
11665 ERYTHROMYCIN
11668 ERYTHROMYCIN OPHTHALMIC
11688 ESGIC
11740 ESTRACE
11745 ESTRADIOL
11800 ESTROGEN
11880 ETHINYL ESTRADIOL
11898 ETHOSUXAMIDE
11915 ETHYL CHLORIDE
11945 EUCERIN
12000 MERREM
12007 MIDAZOLAM
12009 ALENDRONATE
12013 NICOTINE PATCH
12016 NORETHINDRONE
12017 NORGESTREL/ETHINYL ESTRADIOL
12023 ORAPRED ODT
12028 OXYCODONE
12029 OXYBUTYNIN
12031 OXYMETAZOLINE
12033 PAIN MEDICATIONS
12034 PANTOPRAZOLE
12042 ASPIR 81
12044 PEN-VK
12046 PERCOCET
12056 POLYMYXIN B-TRIMETHOPRIM
12057 TUBERCULIN PURIFIED PROTEIN DERIVATIVE
12060 BENZOCAINE/DEXTROMETHORPHAN
12071 CHERATUSSIN AC
12077 PROBIOTIC
12082 PROMETHAZINE DM
12088 ROBITUSSIN DM
12090 ROMYCIN
12092 RONDEC DM
12096 SALINE MIST
12101 SELENIUM SULFIDE
12106 SYSTANE ULTRA

12108 DILTIAZEM ER
12112 TRADJENTA
12113 ENGERIX-B PEDIATRIC
12118 VENLAFAXINE ER
12122 GUAIFENESIN DM
12123 ZYRTEC-D
12149 CORTISPORIN
12151 DEXTROMETHORPHAN/PROMETHAZINE
12154 ESCITALOPRAM
12157 LEVOCETIRIZINE
12161 MOMETASONE
12162 PRILOSEC OTC
12171 NORGESTIMATE-ETHINYL ESTRADIOL
12176 PREPARATION H
12189 GARLIC
12191 LEVALBUTEROL
12193 FELDENE
12195 SALINE NASAL SPRAY
12196 SULFAMETHOXAZOLE-TRIMETHOPRIM
12198 CORICIDIN HBP
12202 FORMOTEROL-MOMETASONE
12210 LORZONE
12211 OMEPRAZOLE-SODIUM BICARBONATE
12216 HEPARIN PORCINE
12231 RYNEX DM
12236 CAMPHOR-MENTHOL
12249 GENERESS FE
12263 ONFI
12281 JAKAFI
12299 DYMISTA
12318 MYRBETRIQ
12342 BRILINTA
12368 EFFER-K
12396 LINAGLIPTIN
12411 VILAZODONE
12413 AFLURIA
12471 REGORAFENIB
12477 ARFORMOTEROL
12479 CYANOACRYLATE
12482 GADAVIST
12484 PENTAFLUOROPROPANE/TETRAFLUOROETHANE
12490 FERROUS SULFATE
12521 FIBERCON
12585 FLAGYL
12620 FLEET ENEMA
12635 FLEXERIL
12690 FLUOCINOLONE
12710 FLUOR-I-STRIP
12715 FLUORESCEIN
12735 FLUORIDE
12755 FLUORITAB

12780 FLUPHENAZINE
12865 FOLIC ACID
12880 FOLVITE
12967 FORTAZ
13009 ELIQUIS
13014 IRBESARTAN/HYDROCHLOROTHIAZIDE
13015 LISINAPRIL-HYDROCHLOROTHIAZIDE
13035 FUL-GLO
13036 ALBENZA
13040 AUVI-Q
13047 TECFIDERA
13063 DOLUTEGRAVIR
13068 ELVITEGRAVIR
13088 INVOKANA
13094 LINACLOTIDE
13097 LINZESS
13104 LUBIPROSTONE
13105 FURADANTIN
13106 MAKENA
13118 FUROSEMIDE
13146 TINIDAZOLE
13147 TUDORZA
13156 FOSFOMYCIN
13159 TENIVAC
13161 TICAGRELOR
13205 GARAMYCIN
13215 GASTROGRAFIN
13275 GELFOAM
13320 GENTAMICIN
13325 GENTIAN VIOLET
13535 GLUCAGON
13550 GLUCOSE
13553 GLUCOTROL
13590 GLUTOSE
13655 GLYCOPYRROLATE
13785 GRIFULVIN
13800 GRISEOFULVIN
13830 GUAIFENESIN & DEXTROMETHORPHAN HBR
13835 GUAIFENESIN
13838 GUAIFENESIN W/CODEINE
14000 HALDOL
14002 APIXABAN
14006 GADOBUTROL
14008 ANORO ELLIPTA
14013 BREO ELLIPTA
14014 ACETAMINOPHEN/BUTALBITAL/CAFFEINE
14018 FETZIMA
14019 IMBRUVICA
14040 HALOPERIDOL
14042 APTIOM
14093 GAVILAX
14098 GRIPE WATER
14107 LUDENT

14122 TIVICAY
14124 TRIUMEQ
14131 ABACAVIR-DOLUTEGRAVIR-LAMIVUDINE
14240 HEPARIN
14245 HEPARIN LOCK FLUSH SOLUTION
14415 HIBICLENS
14648 HOMATROPINE HYDROBROMIDE
14727 HUMULIN
14730 HURRICAIN
14840 HYDRALAZINE
14870 HYDRATE
14875 HYDREA
14930 HYDROCHLOROTHIAZIDE
14955 HYDROCODONE
14965 HYDROCORTISONE
14975 HYDROCORTISONE W/NEOMYCIN
14985 HYDRODIURIL
14990 HYDROGEN PEROXIDE
15003 ARNUITY ELLIPTA
15005 HYDROMORPHONE
15019 GLYXAMBI
15022 MOVANTIK
15024 ORKAMBI
15026 XULANE
15060 HYDROXOCOBALAMIN
15070 HYDROXYCHLOROQUINE
15100 HYDROXYZINE
15105 HYDROXYZINE PAMOATE
15115 HYGROTON
15305 HYTONE
15307 HYTRIN
15395 IBUPROFEN
15455 ICY HOT ANALGESIC BALM
15495 ILOTYCIN
15520 IMIPRAMINE
15540 IMMUNE SERUM GLOBULIN
15545 IMODIUM
15548 IMOVAX RABIES
15555 IMURAN
15560 INAPSINE
15575 INDERAL
15590 INDOCIN
15600 INDOMETHACIN
15680 INSULIN
15705 INTROPIN
15730 IODINE
15733 IODINE SOLUTION STRONG
15870 IRON PREPARATION
15990 ISONIAZID
16000 DICLEGIS
16009 INCRUSE ELLIPTA

16012 ORENITRAM
16016 TOUJEO SOLOSTAR
16018 TRULICITY
16048 VORTIOXETINE
16061 ENTRESTO
16062 IVABRADINE
16076 INSULIN DEGLUDEC
16077 VRAYLAR
16089 KCENTRA
16092 XENON
16095 ISORDIL
16104 INSULIN LISPRO
16105 ISOSORBIDE
16108 FLUTICASONE FUROATE
16112 EUCRISA
16118 KEYTRUDA
16124 LACTOBACILLUS RHAMNOSUS
16126 NEO-SYNEPHRINE OPHTHALMIC SOLUTION
16128 TRULANCE
16134 OPTICAINE
16136 AMPICILLIN/SULBACTAM
16139 SACUBITRIL/VALSARTAN
16141 TETANUS-DIPHTHERIA TOXOIDS-TD
16146 DEPADE
16156 INJECTAFER
16158 FLUCAINE
16164 AIMOVIG
16169 BIKTARVY
16170 NEOMYCIN/POLYMYXIN B/PRAMOXINE TOPICAL
16186 OZEMPIC
16197 GADOTERATE MEGLUMINE
16213 POTASSIUM ACETATE
16217 VASOPRESSIN
16218 DORNASE ALPHA (PULMOZYME)
16219 DIPHENHYDRAMINE/LIDOCAINE/NYSTATIN TOPI
16230 RILPIVIRINE
16231 LEDIPASVIR-SOFOSBUVIR
16238 BACILLUS COAGULANS
16244 DEFERASIROX
16247 FORMOTEROL-GLYCOPYRROLATE
16257 SODIUM FLUORIDE F-18
16258 FERRIC CITRATE
16274 ORBACTIV
16275 PRUCALOPRIDE
16276 RETACRIT
16335 KAOLIN
16455 KAYEXALATE
16475 KEFLEX
16485 KEFZOL
16505 KENALOG
16585 KETALAR
16590 KETAMINE
16605 KETOSTIX

16645 KINEVAC
16710 KLOR-CON
16915 LACRI-LUBE
16940 LACTIC ACID
16950 LACTINEX
16955 LACTOBACILLUS ACIDOPHILUS
16975 LACTULOSE
17070 LANOLIN
17115 LANOXIN
17165 LASIX
17243 LAXATIVE
17355 LEVOPHED
17365 LEVOTHROID
17370 LEVOTHYROXINE
17375 LEVSIN
17450 LIBRIUM
17475 LIDEX
17485 LIDOCAINE
17490 LIDOCAINE HCL
17495 LIDOCAINE HCL W/EPINEPHRINE
17560 LIORESAL
17670 LIQUIFILM
17715 LITHIUM
17725 LITHOBID
17834 LOCOID
17865 LOMOTIL
17880 LOPERAMIDE
17883 LOPID
17885 LOPRESSOR
17888 LORAZEPAM
17925 LOTRIMIN
17945 LOXITANE
18015 LUMINAL
18050 LYSINE
18125 MAALOX
18130 MACRODANTIN
18190 MAGNESIUM CHLORIDE
18195 MAGNESIUM CITRATE
18215 MAGNESIUM SULFATE
18345 MANNITOL
18395 MARCAINE
18400 MARCAINE HCL W/EPINEPHRN
18520 MAXITROL
18523 MAXZIDE
18555 MECLIZINE
18640 MEDROL
18643 MEDROXYPROGESTERONE
18645 MEFOXIN
18655 MEGACE
18663 MEGESTROL
18745 MENTHOL

18760 MEPERIDINE
18820 MERCAPTOPYRINE
18930 METAMUCIL
18985 METHADONE
19040 METHENAMINE MANDELATE
19045 METHERGINE
19070 METHOCARBAMOL
19090 METHOTREXATE
19130 METHYL SALICYLATE
19140 METHYLCELLULOSE
19175 METHYLPHENIDATE
19180 METHYLPREDNISOLONE
19208 METOCLOPRAMIDE
19210 METOLAZONE
19218 METOPROLOL
19233 METRONIDAZOLE
19242 MEVACOR
19280 MICATIN
19290 MICONAZOLE
19320 MICRONOR
19445 MINERAL OIL
19455 MINIPRESS
19650 MORPHINE
19675 MOTRIN
19699 MS CONTIN
19715 MUCOMYST
19825 MULTIPLE VITAMINS
19840 MULTIVITAMIN
19948 MUSCLE RELAXANT
20010 MYCELEX
20060 MYCOSTATIN
20065 MYDFRIN
20075 MYDRIACYL
20080 MYLANTA
20095 MYLICON
20135 MYSOLINE
20255 NAPHAZOLINE
20260 NAPHCN
20285 NAPROSYN
20290 NAPROXEN
20310 NARCAN
20455 NEBCIN
20595 NEO-SYNEPHRINE
20690 NEOMYCIN
20798 NEPHROCAPS
20885 NIACIN
21065 NILSTAT
21130 NITRO-BID
21145 NITROFURANTOIN
21160 NITROGLYCERIN
21165 NITROGLYN
21170 NITROL
21185 NITROSTAT

21195 NITROUS OXIDE
21203 NIZORAL
21280 NORFLEX
21373 NORMODYNE
21403 NORTRIPTYLINE
21550 NUBAIN
21620 NUTRAMIGEN
21695 NYSTATIN
21701 NYSTATIN W/TRIAMCINOLONE
21750 OCEAN MIST
22015 ORGANIDIN
22065 ORPHENADRINE
22110 OS-CAL
22140 OSMITROL
22287 OXYBUTYNIN CHLORIDE
22303 OXYCODONE HCL
22305 OXYCODONE HCL & ACETAMINOPHEN
22306 OXYCODONE W/APAP
22315 OXYGEN
22323 OXYMETAZOLINE HCL
22345 OXYTOCIN
22520 PAMELOR
22643 PANCRELIPASE
22875 PARLODEL
23120 PEDIALYTE
23185 PEN-VEE K
23215 PENICILLIN
23220 PENICILLIN G
23221 PENICILLIN G POTASSIUM
23225 PENICILLIN V
23228 PENICILLIN V POTASSIUM
23230 PENICILLIN VK
23340 PEPPERMINT OIL
23355 PEPSIN
23370 PEPTO-BISMOL
23400 PERCOGESIC
23430 PERI-COLACE
23440 PERIACTIN
23523 PERPHENAZINE
23535 PERSANTINE
23585 PETROLATUM
23680 PHENAPHEN W/CODEINE
23710 PHENAZODINE
23715 PHENAZOPYRIDINE
23755 PHENERGAN
23798 PHENERGAN W/CODEINE
23845 PHENOBARBITAL
23905 PHENOBARBITAL SODIUM
23935 PHENOL
23970 PHENTERMINE
24015 PHENYLEPHRINE

24045 PHENYTOIN
24175 PHYTONADIONE
24190 PILOCAR
24260 PITRESSIN
24300 PLAQUENIL
24310 PLASMA-LYTE
24420 POLY-VI-SOL
24470 POLYMYXIN
24555 PONTOCAINE
24590 POT CHLOR
24653 POTASSIUM CHLORIDE
24710 POTASSIUM IODIDE
24730 POTASSIUM PHOSPHATE
24805 PRAZOSIN
24850 PRED FORTE
24885 PREDNISOLONE
24890 PREDNISON
24950 PREMARIN
25055 PRIMIDONE
25078 PRINIVIL
25155 PROBENECID W/COLCHICINE
25213 PROCARDIA
25220 PROCHLORPERAZINE
25330 PROLIXIN
25355 PROMAZINE
25365 PROMETHAZINE
25375 PROMETHAZINE COMPOUND W/CODEINE
25432 PROMETHAZINE W/CODEINE
25433 PROMETHAZINE W/DM
25485 PROPARACAINE
25580 PROSTIGMIN
25638 PROVENTIL
25640 PROVERA
25674 PROZAC
25695 PSEUDOEPHEDRINE
25805 PYRIDATE
25810 PYRIDIUM
25825 PYRIDOXINE HCL
25865 PYROXINE
25950 QUELICIN
25965 QUESTRAN
26090 RABIES VACCINE
26255 REGLAN
26453 RESTORIL
26475 RETIN-A
26715 RIFAMPIN
26760 RITALIN
26785 ROBAXIN
26805 ROBINUL
26830 ROBITUSSIN
26835 ROBITUSSIN A-C SYRUP
26870 ROCALTROL
27070 RUBBING ALCOHOL

27300 SALAGEN
27340 SALICYLATE
27345 SALICYLIC ACID
27368 SALINE
27374 SALIVA SUBSTITUTE
27423 SANDIMMUNE SANDOPAK
27445 SANTYL
27459 SARNA
27545 SCOPOLAMINE
27770 SENNA
27785 SENOKOT
27795 SENOKOT S
27816 SENSORCAINE
27835 SEPTRA
27840 SEPTRA DS
27855 SERAX
27948 SHUR-SEAL GEL
27985 SILVADENE
27995 SILVER NITRATE
28015 SILVER SULFADIAZINE
28030 SIMETHICONE
28080 SINEMET
28350 SKELAXIN
28358 SKIN PREPARATION
28435 SODIUM ACETATE
28455 SODIUM BICARBONATE
28460 SODIUM BIPHOSPHATE
28495 SODIUM CHLORIDE
28575 SODIUM CITRATE
28595 SODIUM FLUORIDE
28610 SODIUM HYPOCHLORITE
28665 SODIUM PHOSPHATE
28670 SODIUM PHOSPHATE & BIPHOSPHATE
28680 SODIUM SUCCINATE
28683 SODIUM SULFACETAMIDE OPHTH
28790 SOLU-CORTEF
28800 SOLU-MEDROL
28825 SOMA
28910 SORBITOL
29250 SPIRONOLACTONE
29285 STADOL
29498 STEROID(S)
29533 STOOL SOFTENER
29645 SUBLIMAZE
29660 SUCCINYLCHOLINE
29695 SUCROSE
29705 SUDAFED
29825 SULFADIAZINE
29840 SULFAMETHOXAZOLE
29865 SULFASALAZINE
29888 SULFATRIM

29900 SULFISOXAZOLE
30215 SURGICEL
30305 SYMMETREL
30395 SYNTHROID
30495 TAGAMET
30553 TAMOXIFEN
30585 TAPAZOLE
30730 TEGRETOL
30756 TEMAZEPAM
30777 TENEX
30781 TENORETIC
30782 TENORMIN
30800 TERAZOL
30805 TERBUTALINE
30880 TESSALON PERLE
30915 TESTOSTERONE
31000 TETANUS ANTITOXIN
31015 TETANUS TOXOID
31025 TETRACAINE
31030 TETRACAINE HCL
31050 TETRACYCLINE HCL
31325 THERAGRAN
31455 THIAMINE
31542 THIOTHIXENE
31550 THORAZINE
31588 THROAT PREPARATION
31598 THROMBOLYTIC AGENT
31630 THYROID
31660 TIMOPTIC
31670 TINACTIN
31725 TOBRAMYCIN
31728 TOBEX OPHTHALMIC
31740 TOFRANIL
31927 TRANDATE
31939 TRANSDERM-SCOP
31997 TRAZODONE
32013 TRENAL
32145 TRI-VI-SOL
32155 TRIACIN
32195 TRIAMCINOLONE
32200 TRIAMCINOLONE ACETONIDE
32310 TRICHLOROACETIC ACID
32353 TRIDIL
32430 TRIMOX
32515 TRIPLE ANTIBIOTIC
32658 TROPICAMIDE
32695 TUBERSOL
32710 TUCKS
32735 TUMS
32905 TYLENOL
32920 TYLENOL NO. 3
32925 TYLENOL NO. 4
32930 TYLENOL W/CODEINE

33215 UREA
33550 VALISONE
33555 VALIUM
33573 VALPROIC ACID
33580 VANCOCIN
33588 VANCOMYCIN
33625 VAPONEFRIN
33670 VASELINE
33675 VASELINE GAUZE
33780 VEETIDS
33843 VENTOLIN
33858 VERAPAMIL
33895 VERMOX
34085 VIBRA
34090 VIBRAMYCIN
34110 VICODIN
34248 VIROPTIC
34260 VISINE
34270 VISTARIL
34360 VITAMIN A
34425 VITAMIN B COMPLEX
34455 VITAMIN B-1
34495 VITAMIN B-12
34510 VITAMIN B-6
34520 VITAMIN C
34565 VITAMIN D
34575 VITAMIN E
34623 VITAMIN K
34725 VOLTAREN
34775 WARFARIN
34795 WATER FOR INJECTION
34855 WESTCORT
35023 XANAX
35050 XEROFOAM DRESSING
35060 XYLOCAINE
35080 XYLOCAINE HCL W/EPINEPHRINE
35155 ZAROXOLYN
35224 ZESTRIL
35250 ZINC OXIDE
35260 ZINC SULFATE
35295 ZINCATE
35341 ZOVIRAX
35350 ZYLOPRIM
35430 ANTIEMETIC AGENT
35450 ANTIHISTAMINE
35460 ANTIINFLAMMATORY AGENT
35595 TRIMETHOPRIM/SULFAMETHOXAZOLE
40285 CALTRATE
40455 CYCLOPENTOLATE
40460 CYTOTEC
40520 DESYREL

40580 DIABETA
40605 DIPHENOXY/ATROP
40610 DIPHENOXYLATE
40615 DIPROLENE
41315 POLYETHYLENE GLYCOL
41495 SODIUM POLYSTYRENE SULFON
41780 ZANTAC
41820 GLYCERIN SUPPOSITORIES
41830 PSYLLIUM
41860 FOLATE
42425 GOLYTELY
42780 NEOSPORIN OPHTHALMIC
42800 NORMAL SALINE
42985 PROPRANOLOL
60115 AUGMENTIN
60120 AUGMENTIN 250
60150 BACITRACIN OPHTHALMIC
60180 BENZTROPINE MESYLATE
60195 BETAMETHASONE SOD PHOSPHATE
60200 BETAMETHASONE VALERATE
60265 BUPRENEX
60270 BUSPAR
60295 CEFOTAN
60325 CITRUCEL
60370 CORDARONE
60550 EYE DROPS
60565 FENTANYL CITRATE
60595 FIORICET
60640 GENTAMICIN OPHTHALMIC
60665 GLYCERIN
60735 INFLUENZA VIRUS VACC
60765 ISOVUE
60790 KLONOPIN
60800 LACTATED RINGER'S
60835 LOTRISONE
60870 MARINOL
60990 NALBUPHINE HCL
60995 NALOXONE HCL
61025 NICORETTE
61045 NOVOLIN
61080 OMNIPAQUE
61140 PEDIAPRED
61160 PEPCID
61185 PIPERACILLIN
61205 POVIDONE-IODINE
61215 PRIMAXIN
61295 ROCEPHIN
61385 SULFACETAMIDE SODIUM
61405 TAMBOCOR
61440 TEMOVATE
61480 TOLNAFTATE
61565 VASOTEC
61570 VERSED

61605 WELLBUTRIN
61625 TRIAMTERENE W/HCTZ
70078 CANNABIS
89004 AMILORIDE HCL W/HCTZ
89009 ANUCORT-HC
89012 BROMFED-DM
89013 BROMPHEN DX
89014 BUPIVACAINE W/EPINEPHRINE
89018 CLINDAMYCIN HCL
89019 CLONIDINE HCL
89020 CYCLOBENZAPRINE HCL
89021 CYKLOKAPRON
89025 DOXEPIN HCL
89028 ERYTHROMYCIN ETHYLSUCCINATE
89035 FLUOCINONIDE
89038 HYDROCODONE BITARTRATE W/APAP
89039 HYDROCODONE W/ACETAMINOPHEN
89040 HYDROCORTISONE ACETATE
89041 HYDROCORTISONE SOD SUCCINATE
89045 LIDOCAINE HCL VISCOUS
89050 MOTRIN IB
89053 NITROFURANTOIN MACROCRYSTALS
89061 POLYTRIM
89066 PRELONE
89067 PROCARDIA XL
89068 PROCHLORPERAZINE EDISYLATE
89076 SUPRAX
89080 TIMOLOL MALEATE
91000 ALBUTEROL SULFATE
91009 BUTALBITAL/APAP/CAFFAINE
91015 DOXYCYCLINE HYCLATE
91027 GUAIFENESIN AC
91028 HALOPERIDOL LACTATE
91029 HYDROXYZINE HCL
91034 LOTRIMIN AF
91039 NIFEDIPINE
91043 PRILOSEC
91061 ACYCLOVIR
91062 ALPRAZOLAM
91063 ATENOLOL
91064 AZTREONAM
91066 BUSPIRONE HCL
91068 CEFTAZIDIME
91069 CEFTRIAXONE
91070 CEFUROXIME SODIUM
91072 DILTIAZEM HCL
91074 ENALAPRIL
91078 FLECAINIDE ACETATE
91079 FLUOXETINE
91081 GLIPIZIDE
91084 IPRATROPIUM BROMIDE

91085 KETOCONAZOLE
91086 LEUPROLIDE ACETATE
91088 LOVASTATIN
91089 METHIMAZOLE
91090 MEXILETINE
91091 MISOPROSTOL
91096 OMEPRAZOLE
91099 RANITIDINE
91102 TRETINOIN
91103 IBU
92000 ACCUPRIL
92001 ACETIC ACID W/HC
92002 ACTIDOSE-AQUA
92003 ALTACE
92005 BENYLIN
92006 BIAXIN
92011 CALCIUM ANTACID
92012 CARDURA
92015 CILOXAN
92016 CLOZARIL
92020 DEXTROSE 5%-LACTATED RINGERS
92031 FLOXIN
92038 GENTAMICIN SULFATE
92043 HYOSCYAMINE SULFATE
92051 LODINE
92061 NASACORT
92076 PRAVACHOL
92078 PROCRT
92085 ROBITUSSIN PEDIATRIC
92087 STERILE WATER
92105 ZOFRAN
92107 BENAZEPRIL
92110 CEFIXIME
92111 CIPROFLOXACIN
92112 CLARITHROMYCIN
92115 CLOZAPINE
92116 DICLOFENAC
92120 DOXAZOSIN MESYLATE
92122 EPOETIN ALFA
92124 ETODOLAC
92125 FELODIPINE
92126 FLUTICASONE
92131 HEPATITIS B VACCINE
92134 LEVONORGESTREL
92135 MESALAMINE
92137 METROGEL
92140 OFLOXACIN
92141 ONDANSETRON
92149 QUINAPRIL
92150 RAMIPRIL
92153 TRANEXAMIC ACID
92155 ANSAID
92156 DIFLUCAN

92157 ELIMITE
92160 PRINZIDE
92161 TORADOL
92163 ZESTORETIC
92164 LISINOPRIL
92180 LORTAB
93009 ALBUMIN
93014 ALLERGY MEDICATION
93022 ARTIFICIAL TEAR SOLUTION
93024 ASPERCREME
93035 CARBIDOPA
93036 CARDENE
93038 CEFZIL
93057 ENULOSE
93059 EPOGEN
93062 FISH OIL
93065 GAS-X
93067 GENTAK
93071 HABITROL
93089 LORCET
93090 MACROBID
93094 ROMAZICON (MAZICON)
93098 MONODOX
93101 NASAL SPRAY
93105 NICODERM
93107 NICOTROL
93109 NUTRITIONAL SUPPLEMENT
93113 OCUVITE
93116 ORAGEL
93121 PERIDEX
93127 PROSCAR
93132 RELAFEN
93136 RHOGAM
93143 SHUR-CLENS
93151 SUPPOSITORY
93156 TOPROL XL
93166 VANTIN
93179 ZITHROMAX
93181 ZOCOR
93183 ZOLOFT
93185 ZOSTRIX
93187 NORVASC
93188 NALTREXONE
93193 SERTRALINE
93202 CYCLOSPORINE
93203 LABETALOL
93209 ANTIPSYCHOTIC MEDICATION
93211 AMIODARONE
93212 PAXIL
93213 GEMFIBROZIL
93214 AZITHROMYCIN

93215 FLUCONAZOLE
93220 KETOROLAC
93224 CLARITIN
93231 IMITREX
93237 SIMVASTATIN
93238 BETAPACE
93243 LAMISIL
93248 SUMATRIPTAN
93249 VALPROATE
93257 LORATADINE
93262 MIDAZOLAM HCL
93305 GLYBURIDE
93306 ADENOCARD
93312 KETOPROFEN
93313 DOBUTAMINE
93315 PROPAFENONE
93325 EMLA
93337 PROPOFOL
93344 SOAP
93345 DIPRIVAN
93347 AMBIEN
93348 PHOSLO
93352 FAMOTIDINE
93355 BUPROPION
93371 MIDODRINE
93386 GI COCKTAIL
93387 CEFOXITIN
93394 AEROSOL THERAPY
93395 INHALER
93396 AMLODIPINE
93400 NEBULIZER
93404 SUCRALFATE
93405 SANDOSTATIN
93417 CEFPROZIL
93419 TRIAZOLAM
93422 FLUNISOLIDE
93424 FLUDROCORTISONE ACETATE
93447 EMOLLIENT / LOTION / CREAM /MOISTURIZER
93448 VECURONIUM
93449 RABIES IMMUNE GLOBULIN
93451 CLOMIPRAMINE
94001 SOTALOL
94002 BENZONATE
94004 PAROXETINE
94007 ENEMA
94014 VENLAFAXINE
94016 ZIAC
94027 SHAMPOO
94031 IMDUR
94034 ORTHO-TRICYCLEN
94048 METROGEL VAGINAL
94053 BETA BLOCKER
94054 ACE INHIBITOR

94070 EFFEXOR
94072 NSAID
94073 OCUFLOX
94074 PULMOZYME
94080 DESMOPRESSIN
94081 DIVALPROEX SODIUM
94097 MEPRON
94099 NEURONTIN
94104 RISPERIDONE
94108 TECHNETIUM
94114 GABAPENTIN
94116 HUMULIN R
94117 LOVENOX
94118 NAPHAZOLINE/PHENIRAMINE
94124 CHOLESTYRAMINE
94125 ALEVE
94126 DEMADEx
94128 DAYQUIL
94133 TERAZOSIN
94134 DESONIDE
94139 CEFPODOXIME
94146 PENICILLIN G BENZATHINE
94158 RISPERDAL
94160 KYTRIL
94175 ANTIBACTERIAL AGENT
94179 NABUMETONE
94188 FENTANYL
94189 FLUMAZENIL
94191 MONISTAT
94192 HIV MEDICATION
94196 OCTREOTIDE
95005 FLONASE
95016 ADDERALL
95018 NASAL WASH
95020 NICARDIPINE
95023 CHILDRENS MOTRIN
95024 FLUVOXAMINE
95025 LUVOX
95029 DOK
95036 BUPRENORPHINE
95042 NOREPINEPHRINE
95045 TYLENOL PM
95046 AMYLASE
95047 ATOVAQUONE
95050 ULTRAM
95052 OPTIRAY
95057 DTAP
95064 ZIDOVUDINE
95065 ZEMURON
95072 BENZTROPINE
95082 PAMIDRONATE

95089 METAXALONE
95092 PRAVASTATIN
95097 CARDIOLITE
95100 PROTEIN SUPPLEMENT
95109 CROLOM
95111 GLUCOPHAGE
95114 TRUSOPT
95116 CAPSAICIN
95119 MULTIVITAMIN W/ IRON
95122 PREVACID
95133 METFORMIN
95144 LOTREL
95149 ZOSYN
95152 COZAAR
95155 FLAX SEED OIL
95160 CLIMARA
95164 DORZOLAMIDE
95171 HYZAAR
95174 PROGRAF
95177 FINASTERIDE
95178 FIORICET/ CODEINE
95181 LAMICTAL
95183 FOSAMAX
95191 EPIVIR
95192 CASODEX
96003 PERMETHRIN
96005 ALENDRONATE SODIUM
96007 CETIRIZINE
96008 HUMULIN N
96009 BENZOCAINE
96010 VAPORIZER
96022 ZYRTEC
96024 CLOBETASOL
96027 DOCUSATE SODIUM
96028 ACETAMINOPHEN-HYDROCODONE
96029 ALBENDAZOLE
96038 MUPIROCIN
96041 TRAMADOL
96043 VALTREX
96045 DEMEROL
96055 LEVOTHYROID
96057 LANACORT
96059 PRENAVITE
96087 VIBRA-TABS
96091 FLOVENT
96093 RITONAVIR
96094 ACARBOSE
96095 ETOMIDATE
96102 EC-NAPROSYN
96105 TEGADERM
96107 BUMETANIDE
96109 OXYCONTIN
96121 DIMETAPP COLD/ALLERGY

96122 REMERON
96124 HAVRIX
96125 MELATONIN
96128 AVONEX
96130 LANSOPRAZOLE
96138 AMARYL
96147 CELLCEPT
96157 AEROCHAMBER
96165 ELMIRON
96167 XALATAN
96169 ACIDOPHILUS
96173 ZYPREXA
96174 ALLEGRA
96176 DIFFERIN
97002 OLANZAPINE
97004 CEFOTETAN
97013 PREVALITE
97016 ARICEPT
97017 HUMALOG
97019 SAW PALMETTO
97020 LIPITOR
97028 ALPHAGAN
97035 ASTELIN
97036 DIOVAN
97037 PATANOL
97045 LEVAQUIN
97047 MAGNESIUM
97049 TOPAMAX
97050 VISIPAQUE
97056 MIRTAZAPINE
97061 NAROPIN
97073 LOSARTAN
97084 ROCURONIUM
97085 TORSEMIDE
97089 GUANFACINE
97098 PRAMIPEXOLE
97099 GENERAL ANESTHESIC
97105 COMBIVENT
97113 ZANAFLEX
97126 FLOMAX
97129 ST JOHNS WORT
97130 TACROLIMUS
97132 MAXIPIME
97134 PLASMA
97135 VALACYCLOVIR
97136 LAMOTRIGINE
97138 TUSSIN DM
97142 COREG
97145 AVAPRO
97148 MITOMYCIN
97150 REQUIP

97151 CHONDROITIN SULFATE
97152 MIRAPEX
97157 ATORVASTATIN
97159 CALCITRIOL
97162 FOSPHENYTOIN
97163 LEVOFLOXACIN
97168 SEROQUEL
97170 CENTRUM SILVER
97174 BABY ASPIRIN
98001 MAG-OX
98006 ARTHROTEC
98008 CARVEDILOL
98010 NASONEX
98025 MONUROL
98036 NORCO
98038 SINGULAIR
98041 VIAGRA
98043 VICOPROFEN
98046 MICROZIDE
98049 DONEPEZIL HCL
98059 FLEET BABYLAX
98065 DETROL
98075 CALCIUM CITRATE
98083 AZOPT
98086 PLAVIX
98089 TERBINAFINE
98090 ARIMIDEX
98093 MONTELUKAST
98096 TOBI
98097 AMERGE
98098 COSOPT
98109 CHLORHEXIDINE GLUCONATE
98115 CELEXA
98117 FENOFIBRATE
98125 MYCOPHENLATE
98131 TOPIRAMATE
98139 TIZANIDINE
98141 VALSARTAN
98153 PERIOGARD
98156 MAXALT
98158 TRICOR
99001 CEFEPIME
99002 CELEBREX
99005 REMICADE
99008 ALLEGRA D
99014 OMNICEF
99015 ORTHO-NOVUM 7/7/7
99020 SEROTONIN
99028 TYLENOL ARTHRITIS
99033 CLOPIDOGREL
99036 GLUCOSAMINE CHONDROITIN
99042 PACERONE
99043 PROAMATINE

99051 AVALIDE
99052 ACTIVATED CHARCOAL
99056 GLIMEPIRIDE
99066 SINEMET CR
99074 CITALOPRAM
99080 MIRALAX
99088 ZIAGEN
99090 ACTOS
99098 NITROQUICK
99099 PLETAL
99101 QUETIAPINE FUMARATE
99106 XOPENEX
99107 ZADITOR
99108 BETA AGONIST
99109 BUFFERED LIDOCAINE
99112 D-5-W
99117 LIDOCAINE BICARBONATE
99119 NITROPASTE
99123 MORPHINE SULFATE
99125 NITRODRIP
99127 LIDOCAINE/EPINEPHRINE/TETRACAINE
99128 LIPASE
99132 EVISTA
99133 ALBUTEROL
99137 HERBS
99139 MAGIC MOUTHWASH
99144 RACEMIC EPINEPHRINE
99161 ROPINIROLE HCL
99167 COQ-10
99168 CREATINE
99174 PHOSPHORUS
99194 ABACAVIR SULFATE
99207 BRIMONIDINE
99210 CARTIA
99213 DIASTAT
99216 FEXOFENADINE
99224 OMEGA-3
99225 RALOXIFENE
99999 ILLEGIBLE

C. MULTUM LEXICON END-USER LICENSE AGREEMENT

The Multum Lexicon End-User License Agreement for the 2019 NHAMCS ED public use micro-data file is the same as that used for the 2015 National Ambulatory Medical Care Survey and is available [here](#).

APPENDIX III. 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 |

| LEVEL 1 | | LEVEL 2 | | LEVEL 3 | |
|---------|-----------------|---------|---------------------------|---------|--|
| CAT ID | CATEGORY NAME | CAT ID | CATEGORY NAME | CAT ID | CATEGORY NAME |
| 001 | Anti-infectives | 007 | Antiviral agents | 281 | Neuraminidase inhibitors |
| 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 | | |
| 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 | | |
| 020 | Antineoplastics | 429 | Trifunctional monoclonal antibodies | | |

| LEVEL 1 | | LEVEL 2 | | LEVEL 3 | |
|---------|-----------------------|---------|--|---------|------------------------------------|
| CAT ID | CATEGORY NAME | CAT ID | CATEGORY NAME | CAT ID | CATEGORY NAME |
| 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 | | |
| 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 | | |
| 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 |
| 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 |

| LEVEL 1 | | LEVEL 2 | | LEVEL 3 | |
|---------|-----------------------|---------|-------------------------------------|---------|---|
| CAT ID | CATEGORY NAME | CAT ID | CATEGORY NAME | CAT ID | CATEGORY NAME |
| 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 |
| 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 | | |

| LEVEL 1 | | LEVEL 2 | | LEVEL 3 | |
|---------|-------------------------------|---------|---|---------|---------------------------------------|
| CAT ID | CATEGORY NAME | CAT ID | CATEGORY NAME | CAT ID | CATEGORY NAME |
| 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 |
| 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 | 064 | Anticonvulsants | 201 | Barbiturate anticonvulsants |

| LEVEL 1 | | LEVEL 2 | | LEVEL 3 | |
|---------|-------------------------------|---------|-------------------------------|---------|--|
| CAT ID | CATEGORY NAME | CAT ID | CATEGORY NAME | CAT ID | CATEGORY NAME |
| | agents | | | | |
| 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 |
| 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 | 065 | Antiemetic/antivertigo agents | 196 | Phenothiazine antiemetics |

| LEVEL 1 | | LEVEL 2 | | LEVEL 3 | |
|---------|-------------------------------|---------|---|---------|--|
| CAT ID | CATEGORY NAME | CAT ID | CATEGORY NAME | CAT ID | CATEGORY NAME |
| | agents | | | | |
| 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 | | |
| 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 | | |

| LEVEL 1 | | LEVEL 2 | | LEVEL 3 | |
|---------|-------------------------------|---------|-------------------------------------|---------|---|
| CAT ID | CATEGORY NAME | CAT ID | CATEGORY NAME | CAT ID | CATEGORY NAME |
| 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 | | |
| 081 | Coagulation modifiers | 082 | Anticoagulants | 261 | Heparins |
| 081 | Coagulation modifiers | 082 | Anticoagulants | 262 | Coumarins and indanediones |
| 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 | | |
| 081 | Coagulation modifiers | 488 | Anticoagulant reversal 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 | | |

| LEVEL 1 | | LEVEL 2 | | LEVEL 3 | |
|---------|----------------------------|---------|----------------------------------|---------|---|
| CAT ID | CATEGORY NAME | CAT ID | CATEGORY NAME | CAT ID | CATEGORY NAME |
| 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 |
| 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 |
| 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 |

| LEVEL 1 | | LEVEL 2 | | LEVEL 3 | |
|---------|----------------------------|---------|--|---------|--|
| CAT ID | CATEGORY NAME | CAT ID | CATEGORY NAME | CAT ID | CATEGORY NAME |
| 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 | | |
| 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 | | |

| LEVEL 1 | | LEVEL 2 | | LEVEL 3 | |
|---------|----------------------------|---------|---|---------|---------------|
| CAT ID | CATEGORY NAME | CAT ID | CATEGORY NAME | CAT ID | CATEGORY NAME |
| 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 | | |
| 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 | | |
| 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 | | |
| 113 | Genitourinary tract agents | 263 | Impotence agents | | |

| LEVEL 1 | | LEVEL 2 | | LEVEL 3 | |
|---------|----------------------------|---------|--|---------|---------------------------------|
| CAT ID | CATEGORY NAME | CAT ID | CATEGORY NAME | CAT ID | CATEGORY NAME |
| 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 | | |
| 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 | | |
| 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 | | |

| LEVEL 1 | | LEVEL 2 | | LEVEL 3 | |
|---------|--------------------|---------|--|---------|---|
| CAT ID | CATEGORY NAME | CAT ID | CATEGORY NAME | CAT ID | CATEGORY NAME |
| 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 |
| 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 |

| LEVEL 1 | | LEVEL 2 | | LEVEL 3 | |
|---------|----------------|---------|------------------------------|---------|---|
| CAT ID | CATEGORY NAME | CAT ID | CATEGORY NAME | CAT ID | CATEGORY NAME |
| 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 |
| 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 |

| LEVEL 1 | | LEVEL 2 | | LEVEL 3 | |
|---------|--------------------------|---------|--------------------------------|---------|--|
| CAT ID | CATEGORY NAME | CAT ID | CATEGORY NAME | CAT ID | CATEGORY NAME |
| 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 |
| 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 |
| 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 |

| LEVEL 1 | | LEVEL 2 | | LEVEL 3 | |
|---------|--------------------|---------|---------------------------|---------|---|
| CAT ID | CATEGORY NAME | CAT ID | CATEGORY NAME | CAT ID | CATEGORY NAME |
| 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 |
| 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 |

| LEVEL 1 | | LEVEL 2 | | LEVEL 3 | |
|---------|------------------|---------|--|---------|--|
| CAT ID | CATEGORY NAME | CAT ID | CATEGORY NAME | CAT ID | CATEGORY NAME |
| 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 |
| 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 | | |

| LEVEL 1 | | LEVEL 2 | | LEVEL 3 | |
|---------|---------------------|---------|-----------------------------|---------|---------------|
| CAT ID | CATEGORY NAME | CAT ID | CATEGORY NAME | CAT ID | CATEGORY NAME |
| 358 | Metabolic agents | 459 | Urea cycle disorder agents | | |
| 358 | Metabolic agents | 466 | Bone morphogenetic proteins | | |
| 358 | Metabolic agents | 487 | CFTR combinations | | |
| 365 | Medical gas | | | | |
| 462 | Allergenics | | | | |
| 899 | Pharmaceutical aids | | | | |