

ABSTRACT

This material provides documentation for users of the Emergency Department public use micro-data file of the 2021 National Hospital Ambulatory Medical Care Survey (NHAMCS). The 2021 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 2021

A. Survey Items

The 2021 NHAMCS Emergency Department (ED) micro-data file is identical in layout to the 2020 file. There were no changes made to the Patient Record form. Several COVID-related items were added to the hospital induction interview, but these are not included on the public use file.

B. Data Collection and Comparability of 2021 NHAMCS Estimates with Previous Years of Data

In the 2012 survey year, major changes were made to the mode of data collection and, as a result, much research was conducted to assess the comparability of estimates from 2012 with previous years of data. Those results can be found in the 2012 NHAMCS-ED Public Use File Documentation. We continue to conduct research comparing the current and previous year's data prior to each data release. For 2021, 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 2020 and 2021 data.

To accomplish this, estimates from more than 20 tables of 2021 estimates were compared with the same tables of 2020 estimates. The estimates 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 in 2021 than in 2020. A statistically significant difference was noted in the percent of visits by children ages 1-4, which increased from 4.5% of all ED visits in 2020 to 6.7% in 2021. In general, however, most percentage differences evaluated were small and not significantly different from the previous year.

The same caveats recommended for the 2020 survey data with regard to MSA (whether hospital is located in a metropolitan statistical area) and VMONTH (month of visit) are recommended for 2021 ED data. Although the overall emergency service area (ESA) response rate (see page 8) improved to 41.5 percent compared with 2020's rate of 36.8 percent, there is still a potential for nonresponse bias in the data that might affect survey estimates. Research conducted with the 2020 survey data suggested that hospitals located in non-MSA areas (rural areas) were underrepresented in the data and that results based on MSA status should be interpreted with caution. For example, NHAMCS had no non-MSA hospitals responding in the West for 2020, although this is not the case in every year. Some nonresponse bias was found in the 2020 data but was less than expected. Nonresponse adjustments were made both in 2020 and 2021, but their effect on MSA estimates was limited to some extent by small sample sizes in certain domains used to adjust for nonresponse. Also, because of the low survey response in both years, seasonal adjustments for nonresponse could not be made. As a result, it is recommended that the month of visit (VMONTH) variable be used with caution and that seasonal estimates should not be made.

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

NCHS staff will continue to monitor these and other changes with regard to 2021 data and beyond in an effort to better assess how much may be attributed to data collection and processing vs. real-world treatment patterns.

C. Sampling Strata and Variance Estimation Issues

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

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

For 2021, 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 2021 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 2021, there were 16,207 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 23. 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. For NHAMCS data, an estimated number of visits or a visit rate is deemed 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 computed using various methods. 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 2021 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 2021, the sample used a three-stage probability design with samples of area primary sampling units (PSUs), hospitals within PSUs, and patient visits within emergency service areas. Each stage of sampling is described below.

1. Primary Sampling Units (PSUs)

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

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

2. Hospitals

The hospital sampling frame and sample were updated for the 2021 survey to remove hospitals whose status had changed and were now out of scope for the survey. Other hospitals were added for the first time.

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

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

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

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

The 2021 NHAMCS included a sample of 470 hospitals. Of the sampled hospitals, 93 were found to be ineligible due to closing or other reasons. Of the 377 hospitals that were in scope (eligible) for the survey, 337 responded (i.e., reported their total numbers of emergency services areas and visits), for an unweighted hospital response rate of 89.4 percent (91.2 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 470 hospitals was selected for the 2021 NHAMCS, of which 377 were in scope and had eligible EDs. Of these, 337 responded, yielding an unweighted ED response rate of 89.4 (91.2 percent weighted). A total of 502 ESAs were identified from the respondent EDs. Of these, 233 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 34 responded minimally (i.e. they provided fewer than half of their expected forms). The resulting unweighted ESA sample response rate was 46.4 (50.5 percent weighted), and the overall unweighted ESA response rate (ED rate * ESA rate) was 41.5 percent (46.0 percent weighted). Response rates have been adjusted to exclude minimal participants.

4. Visits

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

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

visit after random starts within ESAs. Visit sampling rates were determined from the number of visits seen during the reporting period and the desired number of completed PRFs. During 2021, electronic PRFs were completed for 16,207 ED visits.

C. DATA COLLECTION PROCEDURES

1. Field Training

The U.S. Census Bureau was the data collection agent for the 2021 NHAMCS. Census Headquarters staff were responsible for overseeing the data collection process, training the Census Regional Office staff, and writing the field manual. Regional Office staff were responsible for training the Census Field Representatives (FRs) and monitoring hospital data collection activities. Training for FRs new to the survey consisted of four hours of self-study and eight hours of classroom training. Continuing FRs received one hour of refresher training and memos throughout the survey year which averaged to 1-2 hours of annual survey training. FRs inducted the hospitals and trained the hospital staff on visit sampling.

2. Hospital Induction

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

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

3. Emergency Service Area Induction

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

4. Data Collection

In 2021, the mode of data collection for NHAMCS was a computerized survey tool, which has been used since 2012. This is described in more detail in the 2012 NHAMCS Public Use Data File Documentation. All record abstraction was done by Census FRs.

D. FIELD QUALITY CONTROL

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

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

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

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

Link to Survey Instruments page: https://www.cdc.gov/nchs/ahcd/ahcd_survey_instruments.htm

Link to ED Patient Record Form:

<https://www.cdc.gov/nchs/data/nhamcs/2021-NHAMCS-ED-PRF-sample-card-508.pdf>

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

The 2021 NHAMCS did not include any separate data supplements.

E. CONFIDENTIALITY

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

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

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

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

F. DATA PROCESSING

1. Edits

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

2. Quality control

All RTI International medical coding and keying operations were subject to quality control procedures. The contractor selected a 10.8 percent sample of records which were independently recoded and compared. Differences were adjudicated by RTI with error rates reported to NCHS. The overall error rate was 2.5 percent, which varied by item between 0.2 percent and 4.7 percent for the ED sample.

3. Adjustment for item nonresponse

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

VARIABLE	VARIABLE DESCRIPTION	DENOMINATOR	NONRESPONSE %
WAITTIME	Wait time to first provider (Physician/APRN/PA) contact, in minutes	All visits where first provider (Physician/APRN/PA) contact was made	12.0
RACEUN	Unimputed race	All visits	21.4
ETHUN	Unimputed ethnicity	All visits	14.4
AMBTRANSFER	Was the patient transferred from another hospital or urgent care facility?	Visits where patient arrived by ambulance	17.3
PAYTYPER	Recoded primary expected source of payment for visit (based on hierarchy)	All visits	9.1

TEMPF	Initial vital signs: Temperature (Fahrenheit)	All visits	6.5
PULSE	Initial vital signs: Heart rate per minute	All visits	5.4
RESPR	Initial vital signs: Respiratory rate per minute	All visits	5.4
BPSYS	Initial vital signs: Blood pressure – Systolic	All visits	9.7
BPDIAS	Initial vital signs: Blood pressure – Diastolic	All visits	9.8
POPCT	Initial vital signs: Pulse oximetry (percent)	All visits	7.3
IMMEDR	Immediacy with which patient should be seen (unimputed)	All visits to ESAs that conduct nursing triage	29.0
PAINSCALE	Pain scale (0-10)	All visits	41.6
SEEN72	Was patient seen in this ED within the last 72 hours?	All visits	9.4
EPISODE	Episode of care	All visits	8.2
INJURY72	Did the injury/trauma, overdose/poisoning, or adverse effect occur within 72 hours prior to the date and time of this visit?	Injury-, poisoning-, and adverse effects-related visits	26.8
INTENT15	Is this injury/overdose/poisoning intentional?	Injury-, poisoning-, and adverse effects-related visits	8.5
INJURY_ENC	Type of encounter for injury visits	Injury-, poisoning-, and adverse effects-related visits	13.8
CAUSE1	Cause #1 of injury/trauma, overdose/poisoning, or adverse effect of medical/surgical treatment - detailed category	Injury-, poisoning-, and adverse effects-related visits	28.9
CTCONTRAST	Was CT Scan ordered/provided with intravenous (IV) contrast?	All visits where CT scan was ordered or provided	11.8
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	20.9

TOTPROC	Total number of procedures provided	All visits	5.2
GP MED9	Was medication #9 given in the ED or prescribed at discharge?	All visits where medication #9 was reported	5.9
GP MED10	Was medication #10 given in the ED or prescribed at discharge?	All visits where medication #10 was reported	6.9
GP MED11	Was medication #11 given in the ED or prescribed at discharge?	All visits where medication #11 was reported	7.9
GP MED12	Was medication #12 given in the ED or prescribed at discharge?	All visits where medication #12 was reported	10.1
GP MED13	Was medication #13 given in the ED or prescribed at discharge?	All visits where medication #13 was reported	10.3
GP MED14	Was medication #14 given in the ED or prescribed at discharge?	All visits where medication #14 was reported	11.9
GP MED15	Was medication #15 given in the ED or prescribed at discharge?	All visits where medication #15 was reported	11.6
GP MED16	Was medication #16 given in the ED or prescribed at discharge?	All visits where medication #16 was reported	9.5
GP MED17	Was medication #17 given in the ED or prescribed at discharge?	All visits where medication #17 was reported	10.7
GP MED18	Was medication #18 given in the ED or prescribed at discharge?	All visits where medication #18 was reported	12.5
GP MED19	Was medication #19 given in the ED or prescribed at discharge?	All visits where medication #19 was reported	13.0
GP MED20	Was medication #20 given in the ED or prescribed at discharge?	All visits where medication #20 was reported	15.5
GP MED21	Was medication #21 given in the ED or prescribed at discharge?	All visits where medication #21 was reported	14.3
GP MED22	Was medication #22 given in the ED or prescribed at discharge?	All visits where medication #22 was reported	19.1
GP MED23	Was medication #23 given in the ED or prescribed at discharge?	All visits where medication #23 was reported	21.2
GP MED24	Was medication #24 given in the ED or prescribed at discharge?	All visits where medication #24 was reported	28.6
GP MED25	Was medication #25 given in ED or prescribed at discharge?	All visits where medication #25 was reported	28.0

GPMED26	Was medication #26 given in the ED or prescribed at discharge?	All visits where medication #26 was reported	41.2
GPMED27	Was medication #27 given in the ED or prescribed at discharge?	All visits where medication #27 was reported	23.1
GPMED28	Was medication #28 given in the ED or prescribed at discharge?	All visits where medication #28 was reported	25.0
GPMED29	Was medication #29 given in the ED or prescribed at discharge?	All visits where medication #29 was reported	20.0
GPMED30	Was medication #30 given in the ED or prescribed at discharge?	All visits where medication #30 was reported	33.3
TEMPDF	Vitals after triage: Temperature in Fahrenheit	All visits where vitals were taken at discharge	36.5
RESPRD	Vitals after triage: Respiratory rate (breaths per minute)	All visits where vitals were taken at discharge	8.5
BPDSYSD	Vitals after triage: Systolic blood pressure	All visits where vitals were taken at discharge	7.1
BPDIASD	Vitals after triage: Diastolic blood pressure	All visits where vitals were taken at discharge	6.8
LOV	Length of ED visit	All visits	5.2
LOS	Length of hospital stay	Visits that resulted in hospital admission	5.2
OBSSTAY	Length of stay in observation unit	Visits that included stay in observation unit	17.6
ADMTPHYS	Admitting physician	Visits that resulted in hospital admission	22.8
ADMIT	Admitted to:	Visits that resulted in hospital admission	13.1
BOARD	Are admitted ED patients ever 'boarded' for more than 2 hours in the ED or observation unit while waiting for an inpatient bed?	All visits	6.7
BOARDHOS	Does your ED allow some admitted patients to move from the ED to inpatient corridors while awaiting a bed ('boarding') - sometimes called 'full capacity protocol'?	All visits	9.6

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	16.1
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	9.4
OBSCLIN	Does your ED have an observation or clinical decision unit?	All visits	7.2
AMBDIV	Did your ED go on ambulance diversion in 2020?	All visits	13.7
TOTHRDIVR	What is the total number of hours that your hospital's ED was on ambulance diversion in 2020?	All visits to EDs that went on ambulance diversion	30.1
INCSHX	In the last two years, did your ED increase the number of standard treatment spaces?	All visits	5.8
EXPSPACE	Do you have plans to expand your ED's physical space within the next two years?	All visits	10.4
BEDREG	Does your ED use bedside registration?	All visits	5.3
KIOSELCK	Does your ED use kiosk self-check-in?	All visits	5.2
CATRIAGE	Does your ED use computer-assisted triage?	All visits	6.0
IMBED	Does your ED use immediate bedding?	All visits	7.3
ADVTRIAG	Does your ED use advanced triage (triage-based care) protocols?	All visits	9.6
FASTTRAK	Does your ED use separate fast track for non-urgent care?	All visits	6.9
EDPTOR	Does your ED use separate operating rooms dedicated to ED patients?	All visits	6.8
DASHBOARD	Does your ED use electronic dashboard?	All visits	5.9

RFID	Does your ED use radio frequency identification (RFID) tracking?	All visits	9.4
WIRELESS	Does ED use wireless communication devices by providers?	All visits	6.9
ZONENURS	Does your ED use zone nursing?	All visits	8.9
POOLNURS	Does your ED use pool nurses?	All visits	10.1
BEDCZAR	Does your hospital have a bed coordinator, sometimes known as a bed czar?	All visits	10.7
BEDDATA	How often are hospital bed census data available?	All visits	7.9
EMEDRES	Does hospital have an Emergency Medicine residency program?	All visits	7.8
BOARDED	Time from hospital admit order to time actually left ED	Visits that resulted in hospital admission	21.0

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

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

On the ED file, four items were imputed: age (0.09%), sex (0.09%), race (21.4%), and ethnicity (14.4%). Sex was imputed using a hot deck based on 3-digit ICD-10-CM code for primary diagnosis, triage level, ED volume, and geographic region. Starting with 2010 data, the imputation of patient race and ethnicity has been performed using a model-based single, sequential regression method. The decision to adopt this technique resulted from findings by an internal work group that studied imputation methods with NAMCS and NHAMCS data for nearly two years. The model used to impute race and ethnicity included the following variables: Census variables for ZIP code level race and ethnicity population estimates and an indicator for whether it was patient or hospital ZIP (used when patient ZIP was not available); patient age, sex, race, and ethnicity; triage level; log of ED wait time; primary expected source of payment derived from a hierarchical recode of the expected source of payment question; grouped 3-digit ICD-10-CM codes for primary diagnosis; year of visit; type of ESA area; provider's MSA status; and ED weighting and volume variables.

4. Injury-Related Data

Starting in 2014, injury data were edited using a program which reviewed codes for reason for visit, diagnosis, and cause of injury, and assigned injury and intentionality status accordingly. In this way, records which did not specifically state an injury but for which injury codes for reason, diagnosis, and/or cause of injury were present were recoded appropriately, while records which stated an injury but for which no corroborating data could be found were assigned to a 'questionable' injury status, allowing data users to make their own determination as desired. This method was used each subsequent survey year, but for survey years starting with 2016, the codes used to define injury visits based on diagnosis and cause of injury were changed to reflect the adoption of the International Classification of Diseases, 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
ZZZ2 = Discharge dispositions entered such as "return to nursing home", "transfer to nursing home", "transfer to psychiatric hospital", "transfer to other hospital", sent to see specialist, referred
ZZZ3 = Insurance/HMO will not authorize treatment
ZZZ4 = Entry of "none," "no diagnosis," "no disease," "healthy" as the ONLY entry in the diagnosis item
ZZZ5 = Entry of "NA", "Not Available", "Not Applicable" or "Blank".
-9 = Field is blank (in contrast to an actual entry of "Blank")

This code was previously discontinued:

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

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

4. Medications & Immunizations

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

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

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

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

a. Generic drug code: Drugs 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:

https://ftp.cdc.gov/pub/Health_Statistics/NCHS/Dataset_Documentation/NHAMCS/doc09.pdf

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

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

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

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

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

Each drug may have up to four therapeutic categories on the public use file. The variables RX1CAT1 through RX30CAT4 reflect the unique Multum drug categories for a particular drug; these are character values with codes from '001' through '512'. This variable will always show the most detailed therapeutic level available for a particular drug.

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

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

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

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

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

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

As a result, NCHS decided that, in addition to assigning therapeutic categories to each drug, a separate file would be provided listing the ingredients for each drug along with the therapeutic classes for each

ingredient. In the case of single ingredient drugs, the ingredient therapeutic categories would be the same as the drug therapeutic categories. This separate downloadable file (the current version is DRUG_INGREDIENTS_2021 in the "DRUGS" folder in the Downloadable Documentation section of the [website](#)) can be matched to the main file using the DRUGID code. For each DRUGID on the main file, the supplemental file contains up to 5 ingredients and up to 3 therapeutic category codes for each ingredient. Prior to 2006, codes used to identify the active generic ingredients of combination drugs were included on the public use file.

NOTE: For 2021, we have continued to update and revise the drug characteristics in our ambulatory care drug database, which underwent substantial revision beginning in 2002. From 2002-2005, each drug entry had up to three therapeutic classes associated with it, compared with a single therapeutic class in prior years. These factors made trend analyses more problematic, and the solution was to provide researchers with a Drug Characteristics file, which was updated annually, at our Ambulatory Health Care Data website. The characteristics from this file can be applied by matching on drug codes to previous years of data in order to get the most accurate results when doing trend analyses prior to 2006. A SAS program for applying drug characteristics from the Drug Characteristics file to previous years of public use data is also available for downloading.

However, with the adoption of the Multum Lexicon for coding drugs according to generic ingredients and therapeutic categories, a new solution for trend analysis was necessary. Therefore, beginning with the 2006 data release, we also provided a separate downloadable mapping file (MEDCODE_DRUGID_MAP_2006), which allowed data users to match all of the drug codes used in previous years (for example, MED1-MED8 in 2005) with the corresponding Multum DRUGID code for generic composition of the drug and its corresponding therapeutic categories. Once that was accomplished, users could also match to the drug ingredient file as described above.

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

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

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

For users who are interested in analyzing drug data, one method involves the isolation of those records with drugs, or drug mentions, and the creation of a separate data file of drug mentions. Each Patient Record for 2021 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, 2020, and 2021 surveys.

3. Ratio adjustments

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

I. PATIENT VISIT WEIGHT

The "patient visit weight" is a vital component in the process of producing estimates from sample data and its use should be clearly understood by all data file users. The statistics contained on the micro-data file reflect only a sample of patient visits-- not a complete count of all such visits that occurred in the United States. Each record on the ED file represents one visit in the sample of 16,207 visits. In order to obtain estimates from the sample, each record is assigned an inflation factor called the "patient visit weight."

By aggregating the "patient visit weights" assigned to the PATWT variable on the 16,207 sample visit records for 2021, the user can obtain the estimated total of 139,781,459 ED visits made in the United States.

IMPORTANT: Estimates for classes of ED visits other than the total produced from the 2021 ED public use file may differ somewhat from those estimates produced from NCHS in-house files. This is because of adjustments required for the public use data as part of the disclosure avoidance process. Certain variables were masked on some records for confidentiality purposes. Other items such as age were top coded in accordance with NCHS confidentiality requirements; this is noted for specific items in the Codebook.

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

J. HOSPITAL CODE and PATIENT CODE

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

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

K. USE OF THE ED WEIGHT

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

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

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

In addition to producing estimates of department-level characteristics, it is possible to compute means of visit characteristics at the department level, for example, caseload percentages across emergency departments for expected source of payment. This type of analysis is somewhat complicated and is described with sample SAS code at the Ambulatory Health Care Data website ([NAMCS/NHAMCS - Ambulatory Health Care Data Homepage \(cdc.gov\)](https://www.cdc.gov/namcs/nhamcs-ambulatory-health-care-data-homepage)). For more information, contact the Ambulatory and Hospital Care Statistics Branch at 301-458-4600 or email us at 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, 2021 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 2021 National Health Interview Survey (NHIS), National Center for Health Statistics, compiled according to the March 2020 Office of Management and Budget definition of core-based statistical areas. Information about MSA definitions is [available](#) from the U.S. Census Bureau.

Population estimates for race groups in the 2021 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 2021 population estimates indicate that 3.0 percent of the total population identify themselves as being of multiple races. In contrast, multiple race patients account for 0.5 percent of weighted ED visits (based on known race data only). (REMINDER: Since 2009, NHAMCS data only include imputed values for the race categories White, Black, and Other.) Differences may exist because hospital staff are less likely to know and record multiple race preferences for patients, and not because, after age-adjusting, persons with multiple races make fewer visits to EDs. This implies that the ED visit rates by race populations calculated for 2021 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, 2021

Race and sex	All ages	Under 1	1-4	5-14	15-24	25-34
All Races	327,167,660	3,562,958	15,259,883	41,701,921	42,163,592	44,360,352
Male	160,968,404	1,820,748	7,801,353	21,339,405	21,206,872	22,063,206
Female	166,199,256	1,742,210	7,458,530	20,362,516	20,956,720	22,297,146
White Only	248,237,019	2,461,631	10,610,742	29,660,748	30,890,875	32,298,492
Male	123,205,398	1,258,813	5,430,934	15,206,685	15,623,438	16,226,014
Female	125,031,621	1,202,818	5,179,808	14,454,063	15,267,437	16,072,478
Black Only	43,786,834	573,224	2,400,118	6,367,747	6,186,689	6,681,010
Male	20,641,448	291,670	1,216,473	3,230,061	3,030,613	3,190,461
Female	23,145,386	281,554	1,183,645	3,137,686	3,156,076	3,490,549
AIAN* Only	4,304,874	69,152	281,859	694,684	645,323	641,337
Male	2,154,003	35,164	143,740	353,965	323,718	324,231
Female	2,150,871	33,988	138,119	340,719	321,605	317,106
Asian Only	20,265,672	206,962	926,377	2,394,802	2,434,754	3,220,352
Male	9,728,027	106,534	477,872	1,229,315	1,219,159	1,575,371
Female	10,537,645	100,428	448,505	1,165,487	1,215,595	1,644,981
NHOPI* Only	849,996	13,565	56,719	134,714	118,107	133,857
Male	428,727	6,970	29,164	68,488	59,550	68,261
Female	421,269	6,595	27,555	66,226	58,557	65,596
MultipleRace	9,723,265	238,424	984,068	2,449,226	1,887,844	1,385,304
Male	4,810,801	121,597	503,170	1,250,891	950,394	678,868
Female	4,912,464	116,827	480,898	1,198,335	937,450	706,436

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

Geographic Region totals		Metropolitan Statistical Area totals	
Northeast	56,481,866	MSA	283,840,232
Midwest	67,949,380	Non-MSA	43,327,428
South	125,117,095		
West	77,619,319		

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, 2021 - con.

Race and sex	35-44	45-54	55-64	65-74	75+
All Races	42,639,664	40,207,538	42,562,984	33,463,765	21,245,003
Male	21,185,489	19,897,110	20,785,368	15,764,102	9,104,751
Female	21,454,175	20,310,428	21,777,616	17,699,663	12,140,252
White Only	31,933,283	30,868,678	33,967,112	27,610,897	17,934,561
Male	16,141,801	15,537,253	16,799,014	13,188,539	7,792,907
Female	15,791,482	15,331,425	17,168,098	14,422,358	10,141,654
Black Only	5,758,218	5,223,638	5,234,960	3,494,306	1,866,924
Male	2,665,641	2,397,588	2,408,329	1,512,572	698,040
Female	3,092,577	2,826,050	2,826,631	1,981,734	1,168,884
AIAN* Only	575,351	496,838	457,592	289,557	153,181
Male	294,718	251,475	224,437	136,417	66,138
Female	280,633	245,363	233,155	153,140	87,043
Asian Only	3,274,812	2,825,723	2,258,111	1,660,969	1,062,810
Male	1,555,364	1,331,244	1,046,502	736,461	450,205
Female	1,719,448	1,494,479	1,211,609	924,508	612,605
NHOPI* Only	131,119	99,252	83,703	51,251	27,709
Male	67,926	50,043	41,392	24,505	12,428
Female	63,193	49,209	42,311	26,746	15,281
MultipleRaces	966,881	693,409	561,506	356,785	199,818
Male	460,039	329,507	265,694	165,608	85,033
Female	506,842	363,902	295,812	191,177	114,785

*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, 2021. 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, 2021 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, 2021

HISPANIC

Race and sex	All ages	Under 1	1-4	5-14	15-24	25-34
All Races	62,013,063	942,280	3,958,378	10,749,251	10,127,696	9,385,177
Male	31,176,831	481,291	2,015,900	5,485,966	5,110,119	4,773,188
Female	30,836,232	460,989	1,942,478	5,263,285	5,017,577	4,611,989
White Only	54,068,137	760,227	3,239,919	9,087,907	8,807,415	8,205,388
Male	27,205,634	388,529	1,649,932	4,639,397	4,442,096	4,178,468
Female	26,862,503	371,698	1,589,987	4,448,510	4,365,319	4,026,920
Black Only	3,161,393	70,443	272,962	636,724	509,628	477,891
Male	1,546,817	35,923	138,587	323,886	257,419	237,119
Female	1,614,576	34,520	134,375	312,838	252,209	240,772
AIAN* Only	1,902,331	42,208	166,304	352,162	296,984	280,130
Male	983,605	21,390	84,874	179,612	150,655	146,161
Female	918,726	20,818	81,430	172,550	146,329	133,969
Asian Only	658,455	15,599	60,803	132,551	102,819	96,020
Male	327,998	7,980	31,100	67,887	52,265	47,195
Female	330,457	7,619	29,703	64,664	50,554	48,825
NHOPI* Only	235,144	5,419	21,427	46,302	35,300	36,389
Male	120,917	2,778	10,952	23,359	17,846	19,224
Female	114,227	2,641	10,475	22,943	17,454	17,165
Multiple Races	1,987,603	48,384	196,963	493,605	375,550	289,359
Male	991,860	24,691	100,455	251,825	189,838	145,021
Female	995,743	23,693	96,508	241,780	185,712	144,338

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, 2021 - con.

Race and sex	35-44	45-54	55-64	65-74	75+
All Races	8,870,005	7,466,960	5,509,090	3,143,901	1,860,325
Male	4,575,978	3,778,568	2,732,861	1,462,969	759,991
Female	4,294,027	3,688,392	2,776,229	1,680,932	1,100,334
White Only	7,810,671	6,672,452	4,939,136	2,840,652	1,704,370
Male	4,044,501	3,387,770	2,456,005	1,322,422	696,514
Female	3,766,170	3,284,682	2,483,131	1,518,230	1,007,856
Black Only	431,909	321,610	237,034	131,326	71,866
Male	205,900	149,367	110,882	59,195	28,539
Female	226,009	172,243	126,152	72,131	43,327
AIAN* Only	270,247	219,445	157,881	79,786	37,184
Male	146,102	116,891	82,112	39,637	16,171
Female	124,145	102,554	75,769	40,149	21,013
Asian Only	88,892	70,616	49,780	27,166	14,209
Male	44,722	34,802	24,069	12,324	5,654
Female	44,170	35,814	25,711	14,842	8,555
NHOPI*	35,972	25,377	16,892	8,091	3,975
Male	19,782	13,084	8,433	3,816	1,643
Female	16,190	12,293	8,459	4,275	2,332
Multiple Races	232,314	157,460	108,367	56,880	28,721
Male	114,971	76,654	51,360	25,575	11,470
Female	117,343	80,806	57,007	31,305	17,251

*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, 2021. They were developed by the Population Division, U.S. Census Bureau using the July 1, 2021 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, 2021 – con.

NON-HISPANIC

Race and sex	All ages	Under 1	1-4	5-14	15-24	25-34
All Races	265,154,597	2,620,678	11,301,505	30,952,670	32,035,896	34,975,175
Male	129,791,573	1,339,457	5,785,453	15,853,439	16,096,753	17,290,018
Female	135,363,024	1,281,221	5,516,052	15,099,231	15,939,143	17,685,157
White Only	194,168,882	1,701,404	7,370,823	20,572,841	22,083,460	24,093,104
Male	95,999,764	870,284	3,781,002	10,567,288	11,181,342	12,047,546
Female	98,169,118	831,120	3,589,821	10,005,553	10,902,118	12,045,558
Black Only	40,625,441	502,781	2,127,156	5,731,023	5,677,061	6,203,119
Male	19,094,631	255,747	1,077,886	2,906,175	2,773,194	2,953,342
Female	21,530,810	247,034	1,049,270	2,824,848	2,903,867	3,249,777
AIAN* Only	2,402,543	26,944	115,555	342,522	348,339	361,207
Male	1,170,398	13,774	58,866	174,353	173,063	178,070
Female	1,232,145	13,170	56,689	168,169	175,276	183,137
Asian Only	19,607,217	191,363	865,574	2,262,251	2,331,935	3,124,332
Male	9,400,029	98,554	446,772	1,161,428	1,166,894	1,528,176
Female	10,207,188	92,809	418,802	1,100,823	1,165,041	1,596,156
NHOPI*	614,852	8,146	35,292	88,412	82,807	97,468
Male	307,810	4,192	18,212	45,129	41,704	49,037
Female	307,042	3,954	17,080	43,283	41,103	48,431
Multiple Races	7,735,662	190,040	787,105	1,955,621	1,512,294	1,095,945
Male	3,818,941	96,906	402,715	999,066	760,556	533,847
Female	3,916,721	93,134	384,390	956,555	751,738	562,098

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, 2021 - con.

NON-HISPANIC

Race and sex	35-44	45-54	55-64	65-74	75+
All Races	33,769,659	32,740,578	37,053,894	30,319,864	19,384,678
Male	16,609,511	16,118,542	18,052,507	14,301,133	8,344,760
Female	17,160,148	16,622,036	19,001,387	16,018,731	11,039,918
White Only	24,122,612	24,196,226	29,027,976	24,770,245	16,230,191
Male	12,097,300	12,149,483	14,343,009	11,866,117	7,096,393
Female	12,025,312	12,046,743	14,684,967	12,904,128	9,133,798
Black Only	5,326,309	4,902,028	4,997,926	3,362,980	1,795,058
Male	2,459,741	2,248,221	2,297,447	1,453,377	669,501
Female	2,866,568	2,653,807	2,700,479	1,909,603	1,125,557
AIAN* Only	305,104	277,393	299,711	209,771	115,997
Male	148,616	134,584	142,325	96,780	49,967
Female	156,488	142,809	157,386	112,991	66,030
Asian Only	3,185,920	2,755,107	2,208,331	1,633,803	1,048,601
Male	1,510,642	1,296,442	1,022,433	724,137	444,551
Female	1,675,278	1,458,665	1,185,898	909,666	604,050
NHOPI*	95,147	73,875	66,811	43,160	23,734
Male	48,144	36,959	32,959	20,689	10,785
Female	47,003	36,916	33,852	22,471	12,949
Multiple Races	734,567	535,949	453,139	299,905	171,097
Male	345,068	252,853	214,334	140,033	73,563
Female	389,499	283,096	238,805	159,872	97,534

*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, 2021. They were developed by the Population Division, U.S. Census Bureau using the July 1, 2021 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 = 16,207

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) 0-1178 (reported range in 2021)
5	4	12-15	[LOV] LENGTH OF VISIT (minutes) Calculated from date and time of ED arrival and discharge -9 = Blank 0-5752 (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 - 92 93 = 93 years or older
7	1	19	[AGER] AGE RECODE 1 = Under 15 years 2 = 15-24 years 3 = 25-44 years 4 = 45-64 years 5 = 65-74 years 6 = 75 years and over
8	3	20-22	[AGEDAYS] AGE IN DAYS FOR PATIENTS LESS THAN ONE YEAR OF AGE -7 = Not applicable 001-364 = 001-364 days
9	2	23-24	[RESIDNCE] PATIENT RESIDENCE -9 = Blank -8 = Unknown 1 = Private residence 2 = Nursing home 3 = Homeless/homeless shelter 4 = Other
10	1	25	[SEX] SEX 1 = Female 2 = Male
11	2	26-27	[ETHUN] ETHNICITY (UNIMPUTED) This variable is NOT imputed. Ethnicity data were missing on 14.4 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 21.4 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 0840-1058 = 84.0 – 105.8 Fahrenheit (reported range)
29	3	52-54	[PULSE] HEART RATE -9 = Blank 0-236 (reported range) 998= Dopp, Doppler
30	3	55-57	[RESPR] RESPIRATORY RATE -9 = Blank 0-150 (reported range)
31	3	58-60	[BPSYS] SYSTOLIC BLOOD PRESSURE -9 = Blank 0, 50-279 (reported range)
32	3	61-63	[BPDIAS] DIASTOLIC BLOOD PRESSURE -9 = Blank 0, 21-176 (reported range) 998 = P, Palp, Dop, Doppler
33	3	64-66	[POPCT] PULSE OXIMETRY (percent) -9 = Blank 0-100 (reported range)
34	2	67-68	[IMMEDR] IMMEDIACY WITH WHICH PATIENT SHOULD BE SEEN (Based on PRF Item Triage Level)

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

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

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
35	2	69-70	[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 17 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
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

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

43	2	100-101	[INJURY] IS THIS VISIT RELATED TO AN INJURY/TRAUMA, OVERDOSE/POISONING, OR ADVERSE EFFECT OF MEDICAL/SURGICAL TREATMENT?
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This is a summary variable provided for trending with previous years of data, although the format has changed slightly from previous years to better reflect uncertainties and nuances in the injury data. It has been recoded from the INJPOISAD variable below.

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

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

44	2	102-103	[INJPOISAD] IS THIS VISIT RELATED TO AN INJURY/TRAUMA, OVERDOSE/POISONING OR ADVERSE EFFECT OF MEDICAL/SURGICAL TREATMENT?
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This variable reflects the injury item format used since 2012. INJPOISAD was created directly from reason for visit, diagnosis, and cause of injury codes first, followed by consideration of unedited data which indicated an injury but where no concrete evidence of injury existed.

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

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
45	2	104-105	<p>[INJURY72] Did the injury/trauma, overdose/poisoning, or adverse effect of medical/surgical treatment occur within 72 hours prior to the date and time of this visit?</p> <p>[Note that in 2015, the wording changed to include adverse effects.]</p> <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>
47	2	108-109	<p>[INJURY_ENC] Type of encounter for injury visits</p> <p>This variable was added to give additional detail from the 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>

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

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

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

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

0 = No, 1 = Yes

Laboratory tests:

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

Other tests:

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

Imaging:

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

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
119	1	212	[CTCHEST] CT scan – chest
120	1	213	[CTHEAD] CT scan - head
121	1	214	[CTOTHER] CT scan – other
122	1	215	[CTUNK] CT scan – site not specified
123	1	216	[MRI] MRI
124	2	217-218	[MRICONTRAST] Was MRI ordered/provided with intravenous (IV) contrast (also written as with gadolinium or with gado)? -9 = Blank -8 = Unknown 1 = Yes 2 = No
125	1	219	[ULTRASND] Ultrasound
126	1	220	[OTHIMAGE] Other imaging
127	2	221-222	[TOTDIAG] TOTAL NUMBER OF DIAGNOSTIC SERVICES ORDERED OR PROVIDED -9 = “None” box and all item fields are blank 0-22 (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	[NEBOTHER] 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 0-6 (reported range)

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
			MEDICATIONS & IMMUNIZATIONS (See page 18 for more information. See Appendix III for codes.)
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
160	5	316-320	[MED16] MEDICATION #16 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry

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

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
207	2	455-456	[NUMMED] NUMBER OF MEDICATIONS CODED 0 – 30 VITALS TAKEN AFTER TRIAGE NOTE: The wording of these vital signs items changed in 2016. See page 3 of the 2016 NHAMCS ED Public Use File documentation for details.
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 806-1060 = 80.6 - 106.0 Fahrenheit (reported range)
210	3	463-465	[PULSED] Vitals taken after triage: Heart rate (beats per minute) -9 = Blank 11-197 (reported range) 998 = P, Palp, Dop, or Doppler
211	3	466-468	[RESPRD] Vitals taken after triage: Respiratory rate (breaths per minute) -9 = Blank 7-150 (reported range)
212	3	469-471	[BPSYSD] Vitals taken after triage: Systolic blood pressure -9 = Blank 54-234 (reported range)
213	3	472-474	[BPDIASD] Vitals taken after triage: Diastolic blood pressure -9 = Blank 21-175 (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 1-99

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 = Noncodable, insufficient information for coding, illegible ZZZ2 = Transferred to another facility; sent to see specialist (discharge order rather than diagnosis) ZZZ3 = Insurance/HMO will not authorize treatment ZZZ4 = Entry of "none," "no diagnosis," "no disease," or "healthy" (this is the only entry) ZZZ5 = Entry of "Not applicable", "Not Available", "NA" or "Blank"
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 = 7839
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. 1-186
258	3	545-547	[PATCODE] PATIENT CODE - A number assigned to identify each individual record from a particular hospital. 1-185

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 PROVIDERS?</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 PROVIDERS MAKES DECISIONS FOR PATIENTS IN THIS OBSERVATION UNIT?
266	2	562-563	[OBSPHYSED] ED physicians, APRN, PA
267	2	564-565	[OBSSHOSP] Hospitalists
268	2	566-567	[OBSPHYSOT] Other physicians, APRN, PA
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 2020? -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 2020? (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
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. Updated each year based on the latest OMB guidance.) 1 = MSA (Metropolitan Statistical Area) 2 = Non-MSA (includes micropolitan statistical areas)

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
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DRUG-RELATED INFO FOR MEDICATION #1

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

300	6	628-633	[DRUGID1] DRUG ID (See page 208 for more information.) a07001-a92507 = NCHS code (for drugs not found in Multum but for which ingredients could be determined) c00001-c92511 = NCHS code (for drugs not found in Multum and with undetermined ingredients) d00001-d09540 = Multum code n00001-n16015 = NCHS code (for drugs not found in Multum that were added to the database beginning with survey year 2008)
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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
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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
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303	1	636	[COMSTAT1] COMPOSITION STATUS CODE 1 = Single Entity Drug 2 = Combination Drug 3 = Undetermined
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304	3	637-639	[RX1CAT1] MULTUM DRUG CATEGORY # 1
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Reflects the most detailed therapeutic level to which the drug can be classified. For some drugs, Multum Level 1 (broadest level) is the most detailed, while others can be coded to Level 2, but the majority can be coded to Level 3 (most detailed level). For more on the Multum classification system, please see page 18. The complete Multum classification is shown in Appendix III.

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

305	3	640-642	[RX1CAT2] MULTUM DRUG CATEGORY # 2 See RX1CAT1.
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306	3	643-645	[RX1CAT3] MULTUM DRUG CATEGORY # 3 See RX1CAT1.
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ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
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307	3	646-648	[RX1CAT4] MULTUM DRUG CATEGORY # 4 See RX1CAT1.
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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
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DRUG-RELATED INFO FOR MEDICATION #2

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 60) 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
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DRUG-RELATED INFO FOR MEDICATION #3

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 60) 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
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DRUG-RELATED INFO FOR MEDICATION #4

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 60) 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 60) 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 60) 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 60) 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 60) 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 60) 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

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DRUG-RELATED INFO FOR MEDICATION #10

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 60) 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

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DRUG-RELATED INFO FOR MEDICATION #11

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 60) 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

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DRUG-RELATED INFO FOR MEDICATION #12

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 60) 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

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DRUG-RELATED INFO FOR MEDICATION #13

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 60) 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

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DRUG-RELATED INFO FOR MEDICATION #14

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 60) 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

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DRUG-RELATED INFO FOR MEDICATION #15

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 60) 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

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DRUG-RELATED INFO FOR MEDICATION #16

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 60) 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

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DRUG-RELATED INFO FOR MEDICATION #17

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 60) 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

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DRUG-RELATED INFO FOR MEDICATION #18

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 60) 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

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DRUG-RELATED INFO FOR MEDICATION #19

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 60) 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

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DRUG-RELATED INFO FOR MEDICATION #20

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 60) 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 60) 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 60) 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 60) 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 60) 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
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DRUG-RELATED INFO FOR MEDICATION #25

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 60) 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
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DRUG-RELATED INFO FOR MEDICATION #26

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 60) 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
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DRUG-RELATED INFO FOR MEDICATION #27

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 60) 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
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DRUG-RELATED INFO FOR MEDICATION #28

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 60) 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

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DRUG-RELATED INFO FOR MEDICATION #29

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 60) 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
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DRUG-RELATED INFO FOR MEDICATION #30

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 60) 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
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***** 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)
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901	4	2339-2342	[YEAR] SURVEY YEAR (2021)
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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) 20120201-40400000
903	6	2351-2356	[CPSUM] CLUSTERED PSU MARKER (masked) 1-100186

***** 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 23 in Section I.) PATWT enables data users to make national and regional estimate with sample data. 69.36378 – 34379.96903
905	9	2368-2376	[EDWT] EMERGENCY DEPARTMENT WEIGHT EDWT enables data users to make emergency-department-level estimates. Please see page 23 for more information. 1.09716 - 145.31518

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 - 4213 (reported range)
907	2	2381-2382	[COVID_VALIDATION] Created checkbox based on validated verbatim item notes or medication field which includes text about COVID. -7 = Not applicable, no mention of COVID 1 = COVID Test 2 = COVID Screening 3 = COVID mention with no reference to COVID test or screening

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

CATEGORY	RECORDS	WEIGHTED VISITS	PERCENT
PATIENT AGE			
Total	16,207	139,781,459	100.000
Under 15 years	2,566	24,643,626	17.630
15-24 years	2,096	17,604,142	12.594
25-44 years	4,603	38,561,372	27.587
45-64 years	3,810	31,863,249	22.795
65-74 years	1,558	13,190,892	9.437
75 years and over	1,574	13,918,179	9.957

CATEGORY	RECORDS	WEIGHTED VISITS	PERCENT
SEX			
Total	16,207	139,781,459	100.000
Female	8,583	75,608,633	54.091
Male	7,624	64,172,826	45.909

CATEGORY	RECORDS	WEIGHTED VISITS	PERCENT
ETHNICITY			
Total	16,207	139,781,459	100.000
Hispanic or Latino	2,658	21,812,907	15.605
Not Hispanic or Latino	13,549	117,968,552	84.395

CATEGORY	RECORDS	WEIGHTED VISITS	PERCENT
RACE (Unimputed)			
Total	16,207	139,781,459	100.000
Blank	3,465	28,304,307	20.249
White Only	8,929	79,011,745	56.525
Black/African American Only	3,245	28,367,680	20.294
Asian Only	317	2,199,663	1.574
Native Hawaiian/Oth Pac Isl Only	58	384,753	0.275
American Indian/Alaska Native Only	117	971,659	0.695
More than one race reported	76	541,652	0.387

CATEGORY	RECORDS	WEIGHTED VISITS	PERCENT
Primary Expected Source of Payment (Based on hierarchical recode of Expected Source(s) of Payment item)			
Total	16,207	139,781,459	100.000
All sources of payment are blank	340	3,264,912	2.336
Unknown	1,129	10,036,413	7.180
Private insurance	4,445	37,838,977	27.070
Medicare	3,213	27,791,204	19.882
Medicaid or CHIP or other state-based program	5,558	47,086,432	33.686
Worker's compensation	79	542,826	0.388
Self-pay	978	9,090,185	6.503
No charge/Charity	47	272,791	0.195
Other	418	3,857,720	2.760

CATEGORY	RECORDS	WEIGHTED VISITS	PERCENT
Immediacy with Which Patient Should Be Seen			
Total	16,207	139,781,459	100.000
Blank	632	5,719,932	4.092
Unknown	3,844	26,597,172	19.028
No triage for this visit but			
ESA does conduct triage	444	3,301,316	2.362
Immediate	229	4,128,779	2.954
Emergent	1,651	14,482,680	10.361
Urgent	5,429	48,580,252	34.754
Semi-urgent	2,767	25,630,255	18.336
Nonurgent	419	3,491,501	2.498
Visit occurred in ESA that			
does not conduct nursing triage	792	7,849,571	5.616

CATEGORY	RECORDS	WEIGHTED VISITS	PERCENT
Number of Medications			
Total	16,207	139,781,459	100.000
0	3,898	33,235,837	23.777
1	3,437	28,888,746	20.667
2	2,787	23,933,331	17.122
3	2,042	17,215,963	12.316
4	1,313	11,801,864	8.443
5	897	8,137,449	5.822
6	581	5,671,908	4.058
7	372	3,395,693	2.429
8	199	1,720,407	1.231
9	158	1,341,457	0.960
10	118	987,165	0.706
11	89	777,564	0.556
12	64	514,129	0.368
13	50	461,625	0.330
14	29	233,959	0.167
15	36	285,498	0.204
16	34	266,977	0.191
17	23	240,348	0.172
18	11	108,811	0.078
19	11	91,306	0.065
20	9	82,529	0.059
21	7	50,372	0.036
22	9	115,225	0.082
23	5	26,584	0.019
24	3	9,826	0.007
25	8	63,692	0.046
26	4	20,348	0.015
27	5	40,220	0.029
28	3	20,238	0.014
29	2	13,242	0.009
30	3	29,144	0.021

B. EMERGENCY DEPARTMENT DRUG MENTIONS

CATEGORY	RECORDS	WEIGHTED MENTIONS	PERCENT
Patient Age			
Total	41,226	361,262,975	100.000
Under 15 years	3,871	39,650,586	10.976
15-24 years	4,443	38,442,033	10.641
25-44 years	11,672	98,278,826	27.204
45-64 years	11,522	99,495,201	27.541
65-74 years	4,898	43,732,360	12.105
75 years and over	4,820	41,663,969	11.533

CATEGORY	RECORDS	WEIGHTED MENTIONS	PERCENT
Sex			
Total	41,226	361,262,975	100.000
Female	22,431	199,521,868	55.229
Male	18,795	161,741,107	44.771

CATEGORY	RECORDS	WEIGHTED MENTIONS	PERCENT
Race (Unimputed)			
Total	41,226	361,262,975	100.000
Blank	8,234	66,477,169	18.401
White Only	23,222	209,714,721	58.050
Black/African American Only	8,491	75,145,820	20.801
Asian Only	785	5,869,900	1.625
Native Hawaiian/Oth Pac Isl Only	146	1,158,123	0.321
American Indian/Alaska Native Only	204	1,799,564	0.498
More than one race reported	144	1,097,679	0.304

CATEGORY	RECORDS	WEIGHTED MENTIONS	PERCENT
Drug therapeutic categories (using Level 1 codes)			
Total	48,528	426,835,425	100.000
Anti-infectives	4,420	39,382,833	9.227
Antineoplastics	44	412,396	0.097
Biologicals	9	85,670	0.020
Cardiovascular agents	3,195	28,270,837	6.623
Central nervous system agents	16,182	143,655,094	33.656
Coagulation modifiers	1,166	10,239,001	2.399
Gastrointestinal agents	2,695	23,214,459	5.439
Hormones/hormone modifiers	1,365	11,950,342	2.800
Miscellaneous agents	1,472	12,135,189	2.843
Genitourinary tract agents	175	1,496,481	0.351
Nutritional products	5,613	50,155,139	11.750
Respiratory agents	6,543	59,212,219	13.872
Topical agents	1,536	13,049,387	3.057
Plasma expanders	10	115,971	0.027
Alternative medicines	194	1,417,698	0.332
Psychotherapeutic agents	1,125	7,805,861	1.829
Immunological agents	440	3,407,442	0.798
Radiologic agents	1,113	10,123,716	2.372
Metabolic agents	1,004	8,776,757	2.056
Medical gases	206	1,723,405	0.404
Investigational drugs	14	119,772	0.028
Pharmaceutical aids	7	85,756	0.020

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: <https://www.cerner.com/solutions/drug-database>. For more information on coding therapeutic categories in NHAMCS, see page 18.

C. EMERGENCY DEPARTMENTS

CATEGORY	RECORDS	WEIGHTED EMERGENCY DEPARTMENTS	PERCENT
Geographic region			
Total	186	4,679	100.000
Northeast	39	610	13.040
Midwest	43	1,457	31.141
South	61	1,842	39.371
West	43	770	16.447

CATEGORY	RECORDS	WEIGHTED EMERGENCY DEPARTMENTS	PERCENT
Metropolitan Statistical Area (MSA) Status			
Total	186	4,679	100.000
MSA	159	3,074	65.695
Non-MSA	27	1,605	34.305

APPENDIX I

A. STANDARD ERRORS AND VARIANCE ESTIMATION

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

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

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

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

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

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

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

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

For 2021, 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 2021 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 2021 NHAMCS ED public use file, so this should not present a problem.

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

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

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

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

PRF items and instructions used with the survey instrument in 2021 were nearly identical to those used in 2020, The only changes were these:

In the item, What types of physicians make decisions for patients in this observation or clinical decision unit? the word "physicians" was changed to "providers". The first response category was changed from "ED physicians" to "ED physicians, APRN, PA" (where APRN is advanced practice nurses and PA is physician assistant or associate. The third response category changed from "Other physicians" to "Other physicians, APRN, PA".

In the item, "When patients with identified primary care physicians arrive at the ED, how often do you electronically send notifications to the patient's primary care physicians?", the word "physicians" was changed to "providers".

In the chronic condition checklist ("Does Patient Have:"), the checkbox for "Obesity" was changed to "Obesity, BMI >= 30"

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

C. DEFINITIONS OF CERTAIN TERMS USED IN THE SURVEY

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

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

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

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

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

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

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

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

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

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

**APPENDIX II
REASON FOR VISIT 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
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

TREATMENT MODULE (cont.)

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

INJURIES AND ADVERSE EFFECTS MODULE

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

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**GENERAL SYMPTOMS (1001-1099)****SYMPTOM MODULE****GENERAL SYMPTOMS (1001-1099)**

1005.0 Chills

1010.0 Fever

Includes:

High temperature

1012.0 Other symptoms of body temperature

Excludes:

Chills (1005.0)

Fever (1010.0)

1012.1 Feeling cold

1012.2 Feeling hot

1012.3 Feeling hot and cold

1015.0 Tiredness, exhaustion

Includes:

Exercise intolerance

Fatigue

Lack of energy

No energy

Run down

Worn out

1020.0 General weakness

1025.0 General ill feeling

Includes:

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

Excludes:

General symptoms of infants (10800)

1030.0 Fainting (syncope)

Includes:

Blacking out
Fainting spells
Passing out

Excludes:

Unconsciousness (5840.0)

1035.0 Symptoms of fluid abnormalities

Includes:

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

1035.1 Edema

Includes:

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

Excludes:

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

1035.2 Excessive sweating, perspiration

Includes:

Cold sweats
Diaphoresis

1035.3 Excessive thirst

1040.0 Weight gain

Includes:

Fat pads localized
Fatty deposits
Obesity
Overweight
Too fat

Excludes:

Counseling for weight problems (4600.0)

1045.0 Weight loss

1045.1 Recent weight loss

1045.2 Underweight

1046.0 Symptoms of face, NEC

Includes:

Mass

Excludes:

Facial pain 1055.4

Facial paralysis 1230.0

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

1050.1 Chest pain, Soreness

Excludes:

Heart pain (1265.0)

1050.2 Chest discomfort, pressure, tightness, heaviness

Includes:

C - pressure

1050.3 Burning sensation in the chest

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

Includes:

Buttock pain

Gluteal pain

Perineal pain

Radiating pain (added in 2019)

Excludes:

Abdominal pain (see 1545.1-1545.3)

Chest pain (1050.1)

Phantom leg/limb (2370.0)

1055.1 Rib pain

Sternal (sternum) pain (added in 2019)

1055.2 Side pain, flank pain

Excludes: abdominal pain (with laterality indicated) 1545.1

1055.3 Groin pain

Includes:

Pubic pain

1055.4 Facial pain

Includes:

Jaw pain

Pain over eye

1060.0 Pain and related symptoms, NEC

1060.1 Pain, unspecified

Includes:

Ache all over (generalized)

Incisions (postop code 42050 also)

1060.2 Cramps, spasms, site unspecified

Excludes:

Menstrual cramps (1745.2)

1060.3 Stiffness, site unspecified

1065.0 Tumor or mass, site unspecified

1065.1 Internal mass, NOS

1066.0 Lesion, internal NOS (excludes brain and skin)

1070.0 Bleeding, multiple or unspecified sites

1075.0 Symptoms of growth and developmental disorders

Includes:

Developmental regression

1075.1 Lack of growth

Includes:

Failure to thrive

Immaturity, physical

Poor weight gain

Slowness, physical

Too short

1075.2 Excessive growth

Includes:

Development, early (physical)

Too big for age

Too tall

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

Excludes

General ill feeling (10250)

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

1080.2 Regurgitation, spitting up

Excludes:

Vomiting (1530.0)

1080.3 Feeding problem, eating difficulty

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

Includes:

Infection, NOS

1090.0 Allergy, NOS

Includes:

Angioedema

Allergic reaction, NOS

Food allergy, NOS

Milk allergy, NOS

Excludes:

Allergic skin reaction (2825.0)

Allergy to medications (5905.0)

Nasal allergy (2635.0)

1095.0 Disorders of motor functions

Includes:

Ataxia

Clumsiness

Difficulty in walking

Dyskinesia

Fall, NOS

Limping

Staggering

Stumbling

Uncoordinated

Unsteady gait

1096.0 Dyslexia, NOS

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

1100.0 Anxiety and nervousness

Includes:

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

1105.0 Fears and phobias

Includes:

General fearfulness
Agoraphobia

1110.0 Depression

Includes:

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

1115.0 Anger

Includes:

Bitterness
Hostile feelings

Excludes:

Temper problems (1130.4)

1120.0 Problems with identity and self-esteem

Includes:

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

1123.0 Transgender

1125.0 Restlessness

Includes:

Can't rest
Hyperactivity
Over activity

1130.0 Behavioral disturbances

Includes:

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

1130.1 Antisocial behavior

Includes:

Avoiding people
Excessive shyness
Lying
Social isolation
Withdrawal

1130.2 Hostile behavior

Includes:

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

1130.3 Hysterical behavior

1130.4 Temper problems

Includes:

Blowing up
Fussy
Irritability
Losing temper
Temper tantrums

Excludes:

Fussy infants (1080.1)

1130.5 Obsessions, compulsion and impulsive

1135.0 Disturbances of sleep

Includes:
Night terrors

1135.1 Insomnia

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

1135.2 Sleepiness (hypersomnia)

Includes:
Can't stay awake
Drowsiness
Groggy

1135.3 Nightmares

1135.4 Sleepwalking

1135.5 Apnea

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

1140.0 Smoking problems

Includes:
Can't quit smoking
Smoking too much

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

1145.0 Alcohol-related problems

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

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

1150.0 Abnormal drug usage

Includes:

Drug abuse

Drug seeking

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

Excludes:

Drug addiction (2321.0)

Drug dependence (2321.0)

Intoxication with drugs (5910.0)

Overdose, intentional (5820.1)

Overdose, unintentional, NOS (5910.0)

1150.1 Substance abuse, no additional details

1155.0 Delusions or hallucinations

Includes:

Flashback

Grandiosity

Hearing voices

Ideas of reference

Medicine is poisoned

Seeing things

1160.0 Psychosexual disorders

1160.1 Frigidity, loss of sex drive, lack of response, lack of libido

1160.2 Homosexuality, concerns with

1160.3 Impotence, Erectile dysfunction

1160.4 Premature ejaculation

1160.5 Masturbation excessive, concerns about

1160.6 Orgasm, problem with

1160.7 Preoccupation with sex

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

Includes:

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

Excludes:

Character disorder (2315.0)
Personality disorder (2315.0)

1165.1 Nail biting

1165.2 Thumb sucking

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

1200.0 Abnormal involuntary movements

Includes:

Jerking
Shaking
Tics
Tremors
Twitch

Excludes:

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

1205.0 Convulsions

Includes:

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

Excludes:

Fainting (1030.0)

1207.0 Symptoms of head, NEC

Excludes:

Headache, pain in head (1210.0)

1210.0 Headache, pain in head

Includes:

Post-traumatic (also code 5575.0)

Excludes:

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

1210.1 Tension headache

1215.0 Memory, disturbances of

Includes:

Amnesia
Forgetfulness
Lack or loss of memory
Temporary loss of memory

1220.0 Disturbances of sensation

1220.1 Loss of feeling (anesthesia)

Includes:

Lack of Sensation
No response to pain
Numbness
Stunned

Excludes:

Post-op complications of anesthesia

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

1220.2 Increased sensation (hyperesthesia)

1220.3 Abnormal sensation (paresthesia)

Includes:

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

1220.4 Other disturbances of sense, including smell and taste

1225.0 Vertigo - dizziness

Includes:

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

1230.0 Weakness (neurological)

Includes:

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

Excludes:

General weakness (1020.0)

1235.0 Disorders of speech, speech disturbance

Includes:

Groping for words
Speech/verbal apraxia
Unable to speak

1235.1 Stuttering, stammering

1235.2 Slurring

1240.0 Other symptoms referable to the nervous system

Includes:

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

Excludes:

Nerve block 4560.0

1240.1 Apraxia

Excludes:

Speech/verbal apraxia 1235.0

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

1260.0 Abnormal pulsations and palpitations

1260.1 Increased heartbeat

Includes:
Pulse too fast
Rapid heartbeat

1260.2 Decreased heartbeat

Includes:
Pulse too slow
Slow heart

1260.3 Irregular heartbeat

Includes:
Fluttering
Jumping
Racing
Skipped beat

1265.0 Heart pain

Includes:
Anginal pain
Heart distress
Pain over heart

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

1270.0 Other symptoms of the heart

Includes:
Bad heart
Heart condition
Poor heart
Weak heart

1275.0 Symptoms of lymph glands (or nodes)

1275.1 Swollen or enlarged glands

1275.2 Sore glands

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

Includes:

Gangrene (added 2019)

Telangiectasia

1280.1 Poor circulation

Includes:

Cold feet, hands

1280.2 Pallor, paleness

1280.3 Flushed, blushing

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

1305.0 Vision dysfunctions

Includes:

Photosensitivity (added in 2019)

Excludes:

Refractive errors (2405.0)

1305.1 Blindness and half vision

Includes:

Visual field deficit

1305.2 Diminished vision

Includes:

Blurred vision

Can't see distances

Difficulty reading

Focus, eyes won't (other than an infant)

Obstruction, vision

Poor vision

Scotoma

Trouble seeing

Weak eyes

1305.3 Extraneous vision

Includes:

Cloudy vision

Fuzzy vision

Spots in front of eyes (floaters)

1305.4 Double vision (diplopia)

1310.0 Discharge from eye

1310.1 Bleeding

1310.2 Tearing, watering (lacrimation)

1310.3 Pus, matter, white discharge, matted

1315.0 Eye infection and inflammation

1315.1 Pinkeye

1320.0 Abnormal sensations of the eye

Includes:

Foreign body sensation

Tired eyes

1320.1 Pain

Includes:

Irritation

1320.2 Itching

1320.3 Burning, stinging

1320.4 Strain

1325.0 Abnormal eye movements

1325.1 Abnormal retraction

1325.2 Cross-eyed

1325.3 Pupils unequal

1325.4 Deviation

Includes:

Drifting

Lazy eye

Turns in

1330.0 Abnormal appearance of eyes

1330.1 Abnormal color

Includes:
Bloodshot
Red

Excludes:
Yellow (1610.2)

1330.2 Protrusion (exophthalmos)

1330.3 Cloudy, dull, hazy appearance , cloudy capsule

1335.0 Other and unspecified symptoms referable to the eye, NEC

Includes:
Defect, NOS
Eyes not focusing ,infant

1335.1 Contact lens problems

1335.2 Allergy

1335.3 Swelling

Excludes:
Foreign body (5600.0)
Injury (5510.0)
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

2016.0 Coronavirus infection, unspecified (added in 2020)

Excludes:

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

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

Excludes:

Pneumonia due to SARS-associated coronavirus 2630.1

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

2020.0 Sexually transmitted diseases

Includes:

Chlamydia

Gonorrhea

Syphilis

2025.0 Fungus infections (mycoses)

Includes:

Athlete's foot

Candidiasis monilia

Dermatophytoses

Moniliasis

Ringworm

Thrush

Tinea

Yeast infection

2030.0 Parasitic diseases

Includes:

Ascaris

Leeches

Lice

Maggots

Pinworm

Scabies

2031.0 Sepsis, septicemia

2035.0 Other and unspecified infectious and parasitic diseases

Includes:

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

NEOPLASMS (2100-2199)

Malignant neoplasms:

2100.0 Cancer, gastrointestinal tract

Includes:

Colon
Esophagus
Liver
Small intestine
Stomach

2105.0 Cancer, respiratory tract

Includes:

Bronchus
Larynx
Lung
Throat
Trachea

2110.0 Cancer, skin and subcutaneous tissues

Includes:

Basal cell carcinoma
Melanoma
Squamous cell carcinoma

2115.0 Cancer, breast

2120.0 Cancer, female genital tract

Includes:

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

2125.0 Cancer, male genital tract

Includes:

Epididymitis
Penis
Prepuce (foreskin)
Prostate
Scrotum
Spermatic Cord
Testes

2126.0 Cancer of urinary tract

Includes:

Bladder
Kidney
Renal pelvis
Ureter
Urethra

2130.0 Other malignant neoplasms

Includes:

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

2135.0 Hodgkin's disease, lymphomas, leukemias

Includes:

Cancer of blood
Lymphosarcoma
Multiple myeloma
Polycythemia vera

Benign and uncertain nature neoplasms:

2140.0 Fibroids and other benign uterine neoplasms

Includes:

Cervical/endometrial polyp
Leiomyomata
Myoma
Nabothian cyst

2145.0 Other benign neoplasms

Includes:

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

Excludes:

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

2150.0 Neoplasm of uncertain nature

Includes:

Myelodysplasia
Plasmacytoma

Excludes:

Brain tumor (2130.0)

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

2200.0 Diseases of the thyroid gland

Includes:

Goiter
Hyperthyroidism
Hypothyroidism
Myxedema
Thyroid nodule
Thyrotoxicosis

2201.0 Diabetic skin ulcer (wound check)

2205.0 Diabetes mellitus

2210.0 Gout, hyperuricemia

2215.0 Other endocrine, nutritional, metabolic and immunity diseases

Includes:

Amyloidosis

Barter's Syndrome

Calcium deficiency

Cystinosis

Disorders of intestinal absorption

Electrolyte imbalance

Female hormone deficiency

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

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

2631.0 COVID-19 (added in 2020)

Use additional code to identify other manifestations

Includes:

Confirmed COVID-19

Excludes:

Coronavirus infection, unspecified 2016.0

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

Includes:

Inconclusive COVID-19

Possible COVID-19

Probable COVID-19

Suspected (exposure) COVID-19

Excludes: COVID-19 2631.0

Coronavirus infection, unspecified 2016.0

2633.0 Vaping-related disorder (added in 2020)

Includes:

Dabbing related lung damage

Dabbing related lung injury

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

Electronic cigarette related lung damage

Electronic cigarette related lung injury

2635.0 Hay fever

Includes:

Allergic rhinitis

Allergy to:

Dust

Pollen

Animals

Ragweed

Nasal allergy

Pollenosis

2636.0 Personal history of COVID-19

Excludes: post COVID-19 condition (2630.0)

2637.0 Post COVID-19 condition, unspecified

Includes:

Post-acute sequela of COVID-19

2640.0 Other respiratory diseases

Includes:

Asbestosis (added in 2019)

Bronchiolitis

Bronchospasm

Chronic obstructive pulmonary disease

Deviated nasal septum

Other respiratory problems

Pleurisy

Pneumothorax

Pulmonary edema

Respiratory failure

SARS

DISEASES OF THE DIGESTIVE SYSTEM (2650-2699)

2650.0 Diseases of the esophagus, stomach, and duodenum

Includes:

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

Excludes:

Gastroenteritis (2005.0)
Stomach flu (1540.0)

2655.0 Appendicitis, all types

2660.0 Hernia of abdominal cavity

Includes:

Abdominal
Femoral
Hiatus
Inguinal
Umbilical
Ventral

2665.0 Diseases of the intestine and peritoneum

Includes:

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

Excludes:

Intestinal virus (1540.0)

2670.0 Diseases of the liver, gallbladder, and pancreas

Includes:

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

2675.0 Other diseases of digestive system, NEC

Includes:

Gingivitis (added in 2019)
Mandibular cyst

2675.1 Dental abscess

2675.2 Dental cavities

2675.3 Canker sore

2675.4 Stomatitis

2675.5 Temporomandibular joint (TMJ) pain, Temporomandibular joint (TMJ) syndrome

DISEASES OF THE GENITOURINARY SYSTEM (2700-2799)

2700.0 Cystitis

Excludes:

Bladder infection (1665.2)

2705.0 Urinary tract disease except cystitis

Includes:

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

Excludes:

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

2710.0 Diseases of the male genital organs

Includes:

Benign prostatic hypertrophy (BPH)
Epididymitis
Hydrocele
Peyronie's disease
Phimosi
Prostatiti

Excludes:

Prostate infection (1710.2)

2715.0 Fibrocystic and other diseases of breast

Includes:

Abscess
Mastiti

Excludes:

Cancer (2115.0)
Infection (1810.0)

2720.0 Pelvic inflammatory disease (PID)

Includes:

Oophoriti
Pelvic peritoniti
Salpingiti

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
Keratosis
Lupus erythematosus, NOS
Paronychia
Pilonidal cyst
Poison ivy
Poison oak
Pressure ulcer
Rosacea
Sebaceous cyst
Urticaria

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

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

2900.0 Arthritis

Includes:

Degenerative joint disease

Osteoarthritis

Rheumatism, NOS

Rheumatoid arthritis

Septic

2905.0 Nonarticular rheumatism

Includes:

Bursitis

Ganglion cyst

Impingement syndrome shoulder

Myositis

Polymyalgia rheumatica

Radiculitis/Radiculopathy

Synovitis

Tendinitis

Tenosynovitis

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

Excludes:

Rheumatism, NOS (2900.0)

2910.0 Other musculoskeletal or connective tissue disease

Includes:

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

CONGENITAL ANOMALIES (2950-2979)

2950.0 Congenital anomalies of heart and circulatory system

2955.0 Undescended testicles

Includes:

Hypospadias

2960.0 Other and unspecified congenital anomalies

Includes:

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

PERINATAL MORBIDITY AND MORTALITY CONDITIONS (2980-2999)

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

Includes:
Late effects of prematurity
Premature infant

2990.0 All other perinatal conditions

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

3100.0 General medical examination

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

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

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

3103.0 Encounter for screening for COVID-19

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

3130.0 General psychiatric or psychological examination (mental health)

Includes:

Psychological testing

Excludes:

Court- or school-ordered examination (7140.0)

SPECIAL EXAMINATIONS (3200-3299)**3200.0 Pregnancy, unconfirmed (do not code with diagnosed complications of pregnancy or problems of pregnancy)**

Includes:

HCG

Late menses

Late menstruation

Might be pregnant

Missed period

Period late

Possible pregnancy

Pregnancy test

3205.0 Prenatal examination, routine

Includes:

Normal antepartum visit

Pregnancy, NOS

Routine obstetrical care

3215.0 Postpartum examination, routine**3220.0 Breast examination**

Excludes:

Breast thermography (3340.0)

Mammography (3340.0)

Xerography (3340.0)

3225.0 Gynecological examination

Includes:

Pelvic exam

Excludes:

Examination for birth control medication (3505.0)

Examination for birth control, NOS (3500.0)

Examination involving IUD (3510.0)

Repeat or abnormal Pap smear (6300.0)

3230.0 Eye examination

Includes:

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

3235.0 Heart examination

Includes:

Cardiac care
Cardiac checkup
Heart checkup

3240.0 Other special examination

Includes:

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

3240.1 Genetic testing (added in 2019)

Excludes:

Genetic testing for family planning purposes 3500,0

DIAGNOSTIC TESTS (3300-3399)

3300.0 Sensitization test

Includes:
Allergy test

Excludes:
To check results of skin tests (6600.0)

3305.0 Skin immunity test

Includes:
PPD test
Tuberculin test

Excludes:
To check results of skin tests (6600.0)

3310.0 Glucose level determination (Hgb A1C-GLYCOSOLATED HEMOBLOBIN)

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

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

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

3314.0 Human immunodeficiency virus (HIV) test

Includes:
AIDS test

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

3315.0 Other blood test

Includes:

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

Excludes:

Premarital blood test (7135.1)

3315.1 Blood test for sexually transmitted disease

3320.0 Blood pressure test

Includes:

Blood pressure check
Check blood pressure

3325.0 Urine test

Includes:

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

3330.0 Diagnostic endoscopies (to schedule one of these 46050)

Includes:

Arthroscopy
Cystoscopy
Laparoscopy
Proctoscopy
Sigmoidoscopy

3335.0 Biopsies, so stated

Excludes:

Removal of tissue not specified as a biopsy (4520.0)

3340.0 Mammography, xerography, breast thermography

Excludes:

Breast examination (3220.0)

3345.0 Diagnostic radiology

Includes:

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

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

Excludes:

Thallium stress test (3345.0)

3360.0 Hearing test

Includes:

Hearing exam

3365.0 Pap smear

3366.0 Nasal swab

3370.0 Other and unspecified diagnostic tests

Includes:

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

3370.1 Glaucoma test

Includes:

ATN check
Check intraocular pressure

3370.2 Throat culture

3370.3 Heart catheterization

3370.4 Other cultures

Includes:

Skin

OTHER SCREENING AND PREVENTIVE PROCEDURES (3400-3499)

3400.0 Prophylactic inoculations

Includes:

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

3400.1 COVID-19 immunization

Includes:

COVID-19 immunization status
COVID-19 vaccine

3405.0 Exposure to sexually transmitted disease (STD)

Includes:

Check for STD

May have STD

Concerns about or exposure to HPV (Human Papillomavirus)

3408.0 Possible HIV

3409.0 Exposure to human immunodeficiency virus (HIV)

Includes:

Exposed to AIDS

3410.0 Exposure to other infectious diseases

Includes:

Chickenpox

Infectious hepatitis

Measles

Mumps

Pathogens

Tuberculosis

3415.0 Exposure to bodily fluids of another person, NOS

Includes:

Blood exposure

Exposure to another's secretions

FAMILY PLANNING (3500-3599)

3500.0 Family Planning, NOS

Includes:

Birth control, NOS

Counseling, examinations, and general advice regarding:

Genetics for family planning

Preop/counseling for vasectomy

Sterilization

Fertility, NOS

Unwanted pregnancy, contraceptive, NOS

Excludes:

Genetic testing other than for family planning 3240.1

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

Specified types of birth control:

Birth control medication (3505.0)

IUD (3510.0)

3505.0 Contraceptive medication

Includes:

Depo Provera

Examinations, instructions, and advice regarding:

Birth control pills

Contraceptive implants

Foams, jellies

Oral contraceptives

Renewing pill prescription

Norplant checkup

Norplant insertion/removal (also code 4520.0)

3510.0 Contraceptive device

Includes:

Diaphragm insertion, removal, checkup

IUD insertion, removal, checkup

3515.0 Counseling and examinations for pregnancy interruption

Includes:

Evaluation for an arrangement for abortion

Wants abortion

3520.0 Abortion to be performed (at this visit)

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

Includes:

Male - vasectomy

Female - tubal ligation

3530.0 Artificial Insemination (At this visit)

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

3535.0 Preconception Counseling and Education

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

TREATMENT MODULE**MEDICATIONS (4100-4199)****4100.0 Allergy medication**

Includes:
Allergy shots
Allergy treatments

Excludes:
Allergy testing (3300.0)

4110.0 Injections

Includes:

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

Excludes:

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

4111.0 Noncompliance with medication therapy

4115.0 Medication, other and unspecified kinds

Includes:

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

Excludes:

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

PREOPERATIVE AND POSTOPERATIVE CARE (4200-4299)

4200.0 Preoperative visit for specified and unspecified types of surgery

Includes:

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

4205.0 Postoperative visit - uncomplicated, no complications mentioned

Includes:

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

Excludes

Complications of surgical or medical procedures and treatments (5930.0)

SPECIFIC TYPES OF THERAPY (4400-4499)

4400.0 Physical medicine and rehabilitation

Includes:

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

4401.0 Cardiopulmonary resuscitation (CPR)

4405.0 Respiratory therapy

Includes:
Asthma treatment
Inhalation therapy
Inhaler/breathing treatment

4410.0 Psychotherapy

Includes:
Psychoanalysis

4410.1 Group counseling

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

4415.0 Radiation therapy

Includes treatment of s/p

4420.0 Acupuncture

4425.0 Chemotherapy

SPECIFIC THERAPEUTIC PROCEDURES (4500-4599)

4500.0 Tube insertion

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

Excludes:
Flushed urinary catheter (4510.0)

4505.0 Cauterization, all sites

4507.0 IV therapy, infusion

4510.0 Urinary tract instrumentation and catheterization

Includes:

Flushed urinary catheter
Urethral dilation
Urinary catheterization

Excludes:

Cystoscopy [see Diagnostic endoscopies (3330.0)]

4515.0 Fitting glasses and contact lenses

Includes:

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

Excludes:

Eye examination (3230.0)

4518.0 Detoxification-medical clearance for detox, not otherwise specified exam for detox

4518.1 Alcohol

4518.2 Drug

4520.0 Minor surgery (see definition of minor vs major surgery)

Includes:

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

4520.1 Wart removed (code to wart also)

4521.0 Major surgery

Includes:

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

4525.0 Kidney dialysis

Includes:

Peritoneal dialysis (added in 2019)

4529.0 Internal prosthetic devices (fit, adjust, remove)

Includes:

Breast implants
Cardiac pacemaker
Joint prostheses
VNS

Excludes:

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

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

Includes:

Denture problem (added in 2019)

Excludes:

Prosthetic complications (5930.0)

4535.0 Corrective appliances

Includes:

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

- 4540.0 Cast, splint - application, removal
- 4545.0 Dressing, bandage - application, change, packing
- 4550.0 Irrigation, lavage
- 4555.0 Suture - insertion, removal
- 4556.0 Cosmetic injection, NOS
 - 4556.1 Botox injection
 - Excludes:
 - Therapeutic use (4110.0)
 - 4556.2 Collagen injection
- 4560.0 Other specific therapeutic procedures, NEC

Includes:

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

Excludes:

- Pinched nerve (1240.0)

4565.0 Transplants, NOS

Includes:
Stem cell

4565.1 Complication

Includes:
Failure (includes bone marrow)

4565.2 Rejection

MEDICAL COUNSELING (4600-4699)

4600.0 Diet and nutritional counseling

Includes:
Check weight
Counseling for weight reduction

4604.0 Human immunodeficiency virus (HIV) counseling

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

4605.0 Medical Counseling, NOS

Includes:

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

- 4605.1 Family history of cardiovascular disease
- 4605.2 Family history of cancer
- 4605.3 Family history of diabetes
- 4605.4 Family history of other disease or condition

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

Includes:

Can't pay bills
Too little income

4702.0 Problem with access to medical care

Includes:

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

4705.0 Marital problems

Includes:

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

4710.0 Parent-child problems

Includes:

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

4715.0 Other problems of family relationship

Includes:

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

4720.0 Educational problems

Includes:

- Absenteeism, truancy
- Hates school
- Problems with teachers
- School behavior problems

4725.0 Occupational problems

Includes:

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

4730.0 Social adjustment problems

Includes:

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

4735.0 Legal problems

Includes:

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

4735.1 Police involvement in outpatient visit circumstances

Includes:

- Brought in by police
- Police called

4740.0 Other social problems

Includes:

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

PROGRESS VISIT, NEC (4800-4899)

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

NOTE: If for specific therapy, use additional code.

Includes:

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

Excludes:

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

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

5005.0 Head and face,

Includes:

Facial bones
Jaw
Nose
Skull

5010.0 Spinal column

Includes:
Back
Neck
Vertebrae

5015.0 Trunk area, except spinal column

Includes:
Clavicle
Collarbone
Pelvic
Rib
Scapula

5020.0 Leg

Includes:
Femur
Fibula
Hip
Knee
Tibia

5025.0 Ankle

5030.0 Foot and toes

5035.0 Arm

Includes:
Elbow
Humerus
Radius
Shoulder
Ulna

5040.0 Wrist

5045.0 Hand and fingers

5050.0 Fracture, other and unspecified

Sprains and strains:

5105.0 Cervical spine, neck

Includes:
Whiplash

5110.0 Back

5115.0 Knee

5120.0 Ankle

5125.0 Wrist

5130.0 Sprain or strain, other and unspecified

Lacerations and cuts:

5205.0 Head and neck area

Excludes:
Face (5210.0)

5210.0 Facial area

Includes:
Eye
Ear
Forehead
Lip
Nose

5215.0 Trunk area

Includes perineum

5220.0 Lower extremity

Includes:
Ankle
Foot

5225.0 Upper extremity

Includes:
Arm
Fingers
Hand
Wrist

5230.0 Laceration and cuts, site unspecified

Puncture wounds:

5305.0 Head, neck and facial area

5310.0 Trunk area

5315.0 Lower extremity

5320.0 Upper extremity

5325.0 Puncture wound, site unspecified

Includes:
Needlestick, NOS

Contusions, abrasions, and bruises:

5405.0 Head, neck, and face

Excludes:
Eye (5410.0)

5410.0 Eye

Includes:
Black eye
Contusion
Corneal abrasion

5415.0 Trunk area

Includes:
Injury to scrotum

5420.0 Lower extremity

5425.0 Upper extremity

5430.0 Contusion, abrasion, bruise, site unspecified

Injury, other and unspecified type:

5505.0 Head, neck, and face

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

Excludes:
Loose tooth (no injury) 1500.0

5510.0 Eye

5515.0 Back

Includes:
Tail bone

5520.0 Chest and abdomen

Includes:
Internal injuries

5525.0 Hip

5530.0 Leg

5535.0 Knee

5540.0 Ankle

5545.0 Foot and toe(s)

5550.0 Shoulder

5555.0 Arm

5560.0 Elbow

5565.0 Wrist

5570.0 Hand and finger(s)

5575.0 Injury, multiple or unspecified (wound check)

Foreign body:

5600.0 Eye

5605.0 Nose

5610.0 Skin

5615.0 Digestive tract

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

5616.0 Respiratory tract

5620.0 Other and unspecified sites

Burns, all degrees:

5705.0 Head, neck, and face (includes eyes)

5710.0 Trunk area

5715.0 Extremities

Includes:
Lower
Upper

5720.0 Burn, site unspecified

5750.0 Sunburn, windburn

Excludes:
Sun poisoning 5920.0

Bites:

5755.0 Insect

Includes:
Sting
Tick

5760.0 Animal ,snake, human

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

5800.0 Late effects of an old injury

Includes:
Deformities
Scars

5805.0 Motor vehicle accident

Includes:
Auto accident
Car accident
Motorcycle accident

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

Includes:
Fall, type or location of injury unspecified

5815.0 Violence, NOS

Includes:

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

Excludes:

Violence against oneself (5818.0, 5820.0)

5815.1 Child abuse or neglect

Excludes:

Child sexual abuse (5830.1)

5815.2 Battered spouse

5815.3 Elder abuse

5815.4 Gunshot wound

5818.0 Intentional self-mutilation

Includes:

Self-abuse
Tried to hurt self

Excludes:

Suicide attempt (5820.0)

5820.0 Suicide attempt

Includes:

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

5820.1 Overdose, intentional

Excludes:

Unintentional overdose (5910.0)

5830.0 Rape

Includes:
Sexual assault

5830.1 Sexual abuse

Includes:
Molestation

5835.0 Dead on arrival (DOA)

Includes:
Death

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

5836.0 Respiratory arrest

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

5837.0 Cardiac arrest

Includes:
Code blue

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

5838.0 Drowning

Includes:
Near drowning

5839.0 Cardiopulmonary arrest

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

5840.0 Unconscious on arrival

Includes:

Coma
Found unconscious
Knocked out
Shock
Stupor
Unresponsive

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

Includes:

Found on floor
Verbally unresponsive

5842.0 Altered level of consciousness, NOS

Excludes:

Adverse effect of alcohol 5915.0
Adverse effect of drug abuse 5910.0

POISONING AND ADVERSE EFFECTS (5900-5925.0)

5900.0 Unintentional poisoning

5900.1 Food poisoning

5900.2 Ingestion, inhalation, or exposure to potentially poisonous products

Includes:

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

5905.0 Adverse effect of medication

Includes:

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

5910.0 Adverse effect of drug abuse

Includes:

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

Excludes:

- Intentional overdose (5820.1)

5915.0 Adverse effect of alcohol

Includes:

- Acute intoxication
- Drunk
- Intoxication

5916.0 Alcohol poisoning

Includes:

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

Excludes:

- Alcohol intoxication (5915.0)
- Drunkenness (5915.0)

5920.0 Adverse effects of environment

Includes:

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

5921.0 Adverse effects of second-hand smoke

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

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

5922.0 Adverse effects of terrorism and bioterrorism

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

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

5925.0 Adverse effects, other and unspecified

Includes:
Seasickness

COMPLICATIONS OF SURGICAL AND MEDICAL PROCEDURES AND TREATMENTS

5930.0 Complications of surgical or medical procedures and treatments

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

Use additional code to identify condition
Such as: UTI (1675.0)
Fever (1010.0)

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

SEVERE SEPSIS and SIRS

5935.0 Systemic inflammatory response syndrome (SIRS), unspecified

Includes:

SIRS, NOS

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

5935.2 Severe sepsis

SIRS due to infectious process with acute organ dysfunction

Sepsis with acute organ dysfunction

Sepsis with multiple organ dysfunction (MOD)

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

TEST RESULTS MODULE (6100-6700)

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

6100.0 For results of blood glucose tests

Includes:

Abnormal glucose tolerance test

Elevated blood sugar

Glucose control

High blood sugar

Hyperglycemia

Sugar in blood

6105.0 For results of cholesterol and triglyceride tests

Includes:

High cholesterol

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

Includes:

Results of AIDS test

Excludes:

History of positive HIV test findings (2015.2)

6110.0 For other findings of blood tests

Includes:

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

6200.0 For results of urine tests

Includes:

- Abnormal urinalysis
- Positive urine culture
- Sugar in urine

6300.0 For cytology findings

Includes:

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

6400.0 For radiological findings

Includes:

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

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

Includes:

- Abnormal echocardiogram

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

6700.0 For other and unspecified test results

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

ADMINISTRATIVE MODULE

7100.0 Physical examination required for school or employment

7100.1 Physical examination required for employment

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

7100.2 Executive physical examination

7100.3 Physical examination required for school

Includes:
College
Day care center
Grade school
High school
Nursery school

7100.4 Physical examination for extracurricular activities

Includes:
Athletics
Boy Scouts or Girl Scouts
Camp
Little League

7120.0 Driver's license examination, DOT

7125.0 Insurance examination

7130.0 Disability examination

Includes:
Evaluation of disability
Social Security examination

7131.0 Worker's comp exam

7135.0 Premarital examination

7135.1 Premarital blood test

7137.0 Direct admission to hospital

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

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

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

UNCODABLE ENTRIES

8990.0 Problems, complaints, NEC (multiple medical problems)

8991.0 Patient unable to speak English

8993.0 Patient (or patient's spokesperson) refused care

Includes:
Left AMA
Walked out

8997.0 Entry of "none" or "no complaint"

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

8998.0 Insufficient information

Includes:
Data inadequate
Unidentifiable abbreviations

8999.0 Illegible entry

SPECIAL CODE

-9 Blank

APPENDIX III**A. GENERIC CODES AND NAMES IN NUMERIC ORDER**

Starting with 2006 data, the Multum Lexicon Plus system has been used to classify drugs in NHAMCS. Drugs starting with a "d" prefix are those for which a match was found in the Multum Lexicon Plus®, a proprietary database 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).

a07002 CHOLECALCIFEROL-CALCIUM CITRATE
a07069 CYANOACRYLATE
a10051 BENZYL ALCOHOL;SOYBEAN OIL;STARCH TOPICAL
a10068 ASCORBIC ACID;BIOTIN;VITAMIN B COMPLEX
a10125 CALCIUM REPLACEMENT-ERGOCALCIFEROL
a10132 CALCIUM ION;CHLORIDE ION;DEXTROSE;MAGNESIUM ION;SODIUM ION
a10133 CALCIUM ION;CHLORIDE ION;MAGNESIUM ANTACIDS;POTASSIUM ION;SODIUM ION
a10155 CARMELLOSE;GELATIN;MINERAL OIL;PECTIN
a10162 CASEIN;CORN OIL;LECITHIN;MULTIVITAMIN;SODIUM ION
a10193 BENZOCAINE TOPICAL;BENZOIC ACID;CHLOROBUTANOL;CHLOROTHYMOL;SALICYLIC ACID TOPICAL
a10196 BENZOCAINE TOPICAL-CHLOROBUTANOL
a10244 DEXTROSE;MAGNESIUM ACETATE;POTASSIUM REPLACEMENT SOLUTIONS;SODIUM CHLORIDE
a10245 DEXTROSE-POTASSIUM REPLACEMENT SOLUTIONS
a10249 DEXTROSE-RINGERS LACTATED
a10263 DEXTROSE-NITROGLYCERIN
a10267 DEXTROSE-SODIUM CHLORIDE
a10275 DEXTROSE-MULTIVITAMIN
a10279 DEXTROSE-STERILE WATER
a10281 BETAINE;DIASTASE;OX BILE EXTRACT;PANCREATIN;PAPAIN TOPICAL
a10387 CALCIUM CARBONATE;FOLIC ACID;IRON PREPARATIONS;MULTIVITAMIN;NIACIN
a10399 FOLIC ACID;IRON PREPARATIONS;MULTIVITAMIN
a10442 IRON PREPARATIONS-MULTIVITAMIN
a10463 ALUMINUM HYDROXIDE;DIPHENHYDRAMINE TOPICAL;LIDOCAINE;MAGNESIUM ANTACIDS
a10474 ALUMINUM HYDROXIDE-MAGNESIUM ANTACIDS
a10475 ALUMINUM HYDROXIDE;MAGNESIUM ANTACIDS;SIMETHICONE
a10530 MINERALS-MULTIVITAMIN
a10623 ASPARTAME;MANNITOL;NICOTINE;PHENYLALANINE
a10703 GLYCERIN TOPICAL;PETROLATUM TOPICAL;PHENYLEPHRINE TOPICAL;SHARK LIVER OIL
a10707 SOAP-WATER
a10716 ERTAPENEM;SODIUM BICARBONATE;SODIUM HYDROXIDE
a10717 CITRIC ACID;SODIUM CITRATE;SODIUM ION

a10726 POLYETHYLENE GLYCOL 3350;POTASSIUM CHLORIDE;SODIUM BICARBONATE;SODIUM CHLORIDE;SODIUM SULFATE
a10730 HORSETAIL;MANGANESE SULFATE;STEARIC ACID
a10738 AMPICILLIN-SULBACTIN SODIUM
a10801 BENZOCAINE TOPICAL;EPINEPHRINE TOPICAL;ZINC TOPICAL AGENTS, EXTERNAL USE
a10849 ASCORBIC ACID;FOLIC ACID;VITAMIN B COMPLEX
a10904 BETA-CAROTENE;BILBERRY;LUTEIN;LYCOPENE;VITAMIN E
a10937 ADRENALINE;LIDOCAINE;TETRACAINE TOPICAL
a10956 CHLORPHENIRAMINE-HYDROCODONE POLISTIREX
a10968 MINERAL OIL;MINERAL WAX;PETROLATUM TOPICAL;WOOLWAX ALCOHOL
a10990 ASCORBIC ACID;CALCIUM CHLORIDE;CALCIUM PHOSPHATE, TRIBASIC;MG GLYCEROPHOSPHATE;PYRIDOXINE
a10991 CHICORY ROOT EXTRACT-LACTOBACILLUS GG
a11015 ILEX-MENTHOL TOPICAL
a11020 ASCORBIC ACID;CALCIUM SULFATE;CHOLECALCIFEROL;VITAMIN A;VITAMIN E
a11041 CIPROFLOXACIN-DEXAMETHASONE
a11126 BUPIVACAINE-LIDOCAINE
a11137 ALUMINUM HYDROXIDE;LIDOCAINE;MAGNESIUM HYDROXIDE;SIMETHICONE
a11138 EPINEPHRINE TOPICAL;LIDOCAINE;TETRACAINE TOPICAL
a11163 POLYMYXIN B SULFATE-TRIMETHOPRIM
a11166 DORZOLAMIDE OPHTHALMIC-TIMOLOL
a11294 CYANOCOBALAMIN-FOLIC ACID
a11300 FOLIC ACID-MULTIVITAMIN
a11325 NEOMYCIN-POLYMYXIN B SULFATE
a11328 BACITRACIN TOPICAL;NEOMYCIN;POLYMYXIN B SULFATE
a11331 DEXAMETHASONE OPHTHALMIC;NEOMYCIN;POLYMYXIN B SULFATE
a11332 HYDROCORTISONE OTIC;NEOMYCIN;POLYMYXIN B SULFATE
a11344 HYDROCORTISONE OTIC;NEOMYCIN;POLYMYXIN B OPHTHALMIC
a11345 NEOMYCIN-POLYMYXIN B OPHTHALMIC
a11350 ERGOCALCIFEROL;NIACIN;RIBOFLAVIN;THIAMINE;VITAMIN A
a11360 DEXPANTHENOL;NIACIN;PYRIDOXINE;RIBOFLAVIN;THIAMINE
a11392 DEXAMETHASONE TOPICAL;NEOMYCIN TOPICAL;POLYMYXIN B SULFATE
a11394 BACITRACIN TOPICAL-POLYMYXIN B SULFATE
a11396 DEXAMETHASONE OPHTHALMIC;NEOMYCIN OPHTHALMIC;POLYMYXIN B SULFATE
a11420 CYANOCOBALAMIN;PYRIDOXINE;RIBOFLAVIN;VITAMIN A
a11421 CYANOCOBALAMIN;PYRIDOXINE;RIBOFLAVIN;THIAMINE;VITAMIN A
a11424 ERGOCALCIFEROL;PYRIDOXINE;RIBOFLAVIN;THIAMINE;VITAMIN A
a11482 SODIUM ACETATE-SODIUM CHLORIDE
a11493 SODIUM CHLORIDE-STERILE WATER
a11501 SODIUM BICARBONATE-SODIUM CHLORIDE NASAL
a11523 NYSTATIN TOPICAL-TRIAMCINOLONE
a11549 EDETATE DISODIUM-RIFAXIMIN
a11576 ANTIPYRINE OTIC-BENZOCAINE TOPICAL
a11648 CHLORHEXIDINE TOPICAL-ISOPROPYL ALCOHOL TOPICAL
a11687 IODINE-IOPAMIDOL
a11703 CALCIUM ACETATE-CHOLECALCIFEROL
a11705 CALCIUM ACETATE-MULTIVITAMIN
a11706 CETYLPYRIDINIUM TOPICAL-ETHANOL
a11717 BETAMETHASONE TOPICAL-CLOTRIMAZOLE TOPICAL
a11724 BACITRACIN TOPICAL;NEOMYCIN TOPICAL;POLYMYXIN B OPHTHALMIC
a11730 BUDESONIDE NASAL-FORMOTEROL

a11733 LACTOBACILLUS ACIDOPHILUS-PECTIN
a11741 CAMPHOR TOPICAL;MENTHOL TOPICAL;METHYL SALICYLATE TOPICAL
a11748 BACITRACIN TOPICAL-POLYMYXIN B OPHTHALMIC
a11768 ACETAMINOPHEN;ETHANOL;GLYCERIN;HYDROCODONE;PARABENS
a50235 AMMONIA SPIRIT AROMATIC
a50770 CALCIUM REPLACEMENT
a51675 DEXTROSE
a52023 ELECTROLYTES
a52535 HAMAMELIS WATER
a52885 IRON PREPARATIONS
a53175 MAGNESIUM ANTACIDS
a53298 MEGLUMINE
a53723 MINERALS
a54555 PNEUMOCOCCAL VACCINE
a54655 POTASSIUM REPLACEMENT SOLUTIONS
a54895 PROPYLENE GLYCOL
a55063 RACEPHEDRINE
a55115 RINGERS LACTATED
a55440 SOYBEAN OIL
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
a57194 HYPERTONIC SALINE
a70159 SILVER
c00012 MISCELLANEOUS ANTIBIOTICS
c00033 IMMUNE GLOBULINS
c00039 MISCELLANEOUS BIOLOGICALS
c00042 ANGIOTENSIN CONVERTING ENZYME INHIBITORS
c00045 ANTIANGINAL AGENTS
c00051 MISCELLANEOUS CARDIOVASCULAR AGENTS
c00054 VASOPRESSORS
c00055 ANTIHYPERTENSIVE COMBINATIONS
c00058 ANALGESICS
c00060 NARCOTIC ANALGESICS
c00061 NONSTEROIDAL ANTI-INFLAMMATORY AGENTS
c00070 MISCELLANEOUS ANXIOLYTICS, SEDATIVES AND HYPNOTICS
c00072 GENERAL ANESTHETICS
c00082 ANTICOAGULANTS
c00085 MISCELLANEOUS COAGULATION MODIFIERS
c00095 LAXATIVES
c00096 MISCELLANEOUS GI AGENTS
c00099 ANTIDIABETIC AGENTS
c00102 CONTRACEPTIVES
c00105 MISCELLANEOUS AGENTS
c00109 LOCAL INJECTABLE ANESTHETICS
c00110 MISCELLANEOUS UNCATEGORIZED AGENTS

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
c00143 TOPICAL ACNE AGENTS
c00169 MISCELLANEOUS OPHTHALMIC AGENTS
c00174 MISCELLANEOUS ANTIHYPERLIPIDEMIC AGENTS
c00193 ANTIMIGRAINE AGENTS
c00220 HERBAL PRODUCTS
c00248 TOPICAL EMOLLIENTS
c00257 IMMUNOSUPPRESSIVE MONOCLONAL ANTIBODIES
c00301 GLUCOCORTICIDS
c00331 RADIOLOGIC AGENTS
c00363 PROBIOTICS
d00001 ACYCLOVIR
d00002 AMIODARONE
d00003 AMPICILLIN
d00004 ATENOLOL
d00007 CEFAZOLIN
d00009 CEFTAZIDIME
d00011 CIPROFLOXACIN
d00012 CODEINE
d00013 ENALAPRIL
d00014 GENTAMICIN
d00015 IBUPROFEN
d00016 LABETALOL
d00017 MEPERIDINE
d00018 NADOLOL
d00019 NAPROXEN
d00021 RANITIDINE
d00022 WARFARIN
d00023 ALLOPURINOL
d00024 AZATHIOPRINE
d00027 HALOPERIDOL
d00028 KETOPROFEN
d00032 PROPRANOLOL
d00033 SULINDAC
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 CEFTRIAZONE
d00055 CEFOTETAN
d00056 CEFUROXIME
d00057 PIPERACILLIN
d00058 CARBAMAZEPINE
d00059 LIDOCAINE
d00060 METHOTREXATE
d00061 LITHIUM
d00064 CHLORPROMAZINE
d00066 GANCICLOVIR
d00067 AZTREONAM
d00069 TOBRAMYCIN
d00070 FUROSEMIDE
d00071 FLUCONAZOLE
d00072 CEFIXIME
d00077 AMPHOTERICIN B
d00079 CYCLOSPORINE
d00080 CEFADROXIL
d00082 IMIPENEM-CILASTATIN
d00083 VALPROIC ACID
d00084 PREDNISOLONE
d00086 AMANTADINE
d00088 AMOXICILLIN
d00089 AMOXICILLIN-CLAVULANATE
d00091 AZITHROMYCIN
d00094 CEFOXITIN
d00095 CEFPODOXIME
d00096 CEPHALEXIN
d00097 CLARITHROMYCIN
d00098 DAPSONE
d00100 GRISEOFULVIN
d00101 ISONIAZID
d00103 KETOCONAZOLE
d00108 METRONIDAZOLE
d00110 MINOCYCLINE
d00112 NITROFURANTOIN
d00114 OFLOXACIN
d00116 PENICILLIN
d00118 SULFADIAZINE
d00119 SULFAMETHOXAZOLE
d00123 TRIMETHOPRIM
d00124 SULFAMETHOXAZOLE-TRIMETHOPRIM
d00125 VANCOMYCIN
d00132 HYDRALAZINE
d00134 METOPROLOL
d00135 MINOXIDIL
d00138 PRAZOSIN

d00140 CIMETIDINE
d00141 FAMOTIDINE
d00143 PHENYTOIN
d00144 NORTRIPTYLINE
d00146 AMITRIPTYLINE
d00148 DIAZEPAM
d00149 LORAZEPAM
d00150 COLCHICINE
d00153 DICLOXACILLIN
d00161 ACETAZOLAMIDE
d00164 ADENOSINE
d00168 ALPRAZOLAM
d00170 ASPIRIN
d00174 ATROPINE
d00175 BENZTROPINE
d00179 BUMETANIDE
d00180 BUPIVACAINE
d00181 BUPROPION
d00182 BUSPIRONE
d00184 CARBIDOPA
d00189 CHLORDIAZEPOXIDE
d00191 CHLORPHENIRAMINE
d00192 CHLORTHALIDONE
d00193 CHOLESTYRAMINE
d00197 CLONAZEPAM
d00198 CLORAZEPATE
d00199 CLOZAPINE
d00200 CROMOLYN
d00206 DEXAMETHASONE
d00207 DEXTROMETHORPHAN
d00210 DIGOXIN
d00212 DIPHENHYDRAMINE
d00216 DOPAMINE
d00217 DOXEPIN
d00219 DROPERIDOL
d00223 EPOETIN ALFA
d00224 ESMOLOL
d00227 ETHOSUXIMIDE
d00231 FELODIPINE
d00233 FENTANYL
d00234 FLECAINIDE
d00236 FLUOXETINE
d00237 FLUPHENAZINE
d00241 FOLIC ACID
d00245 GEMFIBROZIL
d00246 GLIPIZIDE
d00248 GLYBURIDE
d00252 HEPARIN
d00253 HYDROCHLOROTHIAZIDE
d00254 HYDROCORTISONE
d00255 HYDROMORPHONE

d00259 IMIPRAMINE
d00262 INSULIN
d00265 IPRATROPIUM
d00268 ISOSORBIDE DINITRATE
d00269 ISOSORBIDE MONONITRATE
d00272 KETAMINE
d00273 KETOROLAC
d00275 LEUCOVORIN
d00278 LEVOTHYROXINE
d00280 LOVASTATIN
d00282 MANNITOL
d00284 MEDROXYPROGESTERONE
d00290 METHIMAZOLE
d00293 METHYLPREDNISOLONE
d00298 METOCLOPRAMIDE
d00299 METOLAZONE
d00300 MEXILETINE
d00301 MIDAZOLAM
d00303 MISOPROSTOL
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
d00360 PROPOXYPHENE
d00362 PROTAMINE
d00363 PYRIDOSTIGMINE
d00370 OCTREOTIDE
d00371 SOTALOL
d00373 SPIRONOLACTONE
d00377 SUCRALFATE
d00379 SULFASALAZINE
d00381 TAMOXIFEN
d00384 TEMAZEPAM

d00386 TERAZOSIN
d00391 THIOTHIXENE
d00395 TRAZODONE
d00398 VASOPRESSIN
d00399 VECURONIUM
d00401 VINCRISTINE
d00402 VITAMIN A
d00405 VITAMIN E
d00412 PYRIDOXINE
d00413 CYANOCOBALAMIN
d00425 CALCIUM CARBONATE
d00426 ASCORBIC ACID
d00427 POTASSIUM PHOSPHATE-SODIUM PHOSPHATE
d00438 SODIUM CHLORIDE
d00440 SODIUM BICARBONATE
d00468 MAGNESIUM SULFATE
d00475 SODIUM PHOSPHATE
d00485 IODINE TOPICAL
d00491 LEVOCARNITINE
d00497 OMEGA-3 POLYUNSATURATED FATTY ACIDS
d00521 ALTEPLASE
d00529 TRANEXAMIC ACID
d00537 ESTRADIOL
d00541 CONJUGATED ESTROGENS
d00550 PROGESTERONE
d00554 HYDROXYPROGESTERONE
d00555 NORETHINDRONE
d00557 LEVONORGESTREL
d00558 TESTOSTERONE
d00563 FINASTERIDE
d00577 SOMATROPIN
d00583 DESMOPRESSIN
d00584 OXYTOCIN
d00587 METHYLERGONOVINE
d00593 GLUCAGON
d00595 GLUCOSE
d00598 CALCITONIN
d00608 FLUDROCORTISONE
d00620 TRIAMCINOLONE
d00626 DEXAMETHASONE TOPICAL
d00628 BETAMETHASONE
d00652 GLYCERIN
d00653 ISOSORBIDE
d00655 THYROID DESICCATED
d00658 LIOTHYRONINE
d00683 LIDOCAINE TOPICAL
d00689 AMLODIPINE
d00696 ETHAVERINE
d00699 EPINEPHRINE
d00700 EPHEDRINE
d00704 PHENYLEPHRINE

d00717 GUANFACINE
d00726 DOXAZOSIN
d00728 RAMIPRIL
d00730 BENAZEPRIL
d00732 LISINOPRIL
d00743 SODIUM POLYSTYRENE SULFONATE
d00744 COLESTIPOL
d00746 SIMVASTATIN
d00749 ALBUTEROL
d00752 TERBUTALINE
d00760 BECLOMETHASONE
d00762 ACETYLCYSTEINE
d00769 PSEUDOEPHEDRINE
d00771 NAPHAZOLINE OPHTHALMIC
d00772 OXYMETAZOLINE NASAL
d00785 BROMPHENIRAMINE
d00787 PROMETHAZINE
d00790 CYPROHEPTADINE
d00796 BENZONATATE
d00797 GUAIFENESIN
d00801 CAFFEINE
d00804 DEXTROAMPHETAMINE
d00805 METHAMPHETAMINE
d00806 PHENTERMINE
d00813 BENZOCAINE TOPICAL
d00817 HYDROXYCHLOROQUINE
d00838 BUTORPHANOL
d00839 NALBUPHINE
d00840 BUPRENORPHINE
d00843 SODIUM SALICYLATE
d00848 DICLOFENAC
d00851 ETODOLAC
d00859 MECLIZINE
d00861 DIMENHYDRINATE
d00862 TRIMETHOBENZAMIDE
d00866 DRONABINOL
d00867 ONDANSETRON
d00876 CLOMIPRAMINE
d00880 SERTRALINE
d00900 METHYLPHENIDATE
d00907 HYDROXYZINE
d00910 ZOLPIDEM
d00931 ETOMIDATE
d00933 PROPOFOL
d00960 CARISOPRODOL
d00962 CHLORZOXAZONE
d00963 CYCLOBENZAPRINE
d00964 METAXALONE
d00965 METHOCARBAMOL
d00966 ORPHENADRINE
d00967 BACLOFEN
d00970 TRIHEXYPHENIDYL
d00978 ALUMINUM HYDROXIDE

d00982 MAGNESIUM HYDROXIDE
d00985 HYOSCYAMINE
d00986 SCOPOLAMINE
d00992 GLYCOPYRROLATE
d00999 DICYCLOMINE
d01002 PANCRELIPASE
d01003 PANCREATIN
d01005 URSODIOL
d01008 MAGNESIUM CITRATE
d01013 SENNA
d01015 BISACODYL
d01017 POLYCARBOPHIL
d01018 PSYLLIUM
d01019 MINERAL OIL
d01021 DOCUSATE
d01024 LACTULOSE
d01025 LOPERAMIDE
d01026 BISMUTH SUBSALICYLATE
d01027 SIMETHICONE
d01028 CHARCOAL
d01031 MESALAMINE
d01070 OXYTETRACYCLINE
d01115 BACITRACIN
d01137 TETANUS IMMUNE GLOBULIN
d01139 RHO (D) IMMUNE GLOBULIN
d01144 ANTIVENIN (CROTALIDAE) POLYVALENT
d01147 RABIES VACCINE (OBSOLETE)
d01148 RABIES IMMUNE GLOBULIN, HUMAN
d01159 MEASLES VIRUS VACCINE
d01164 INFLUENZA VIRUS VACCINE, INACTIVATED
d01166 HEPATITIS B VACCINE (OBSOLETE)
d01168 TETANUS TOXOID
d01171 TUBERCULIN PURIFIED PROTEIN DERIVATIVE
d01201 CYCLOPENTOLATE OPHTHALMIC
d01208 SULFACETAMIDE SODIUM OPHTHALMIC
d01217 TETRACAINE
d01218 PROPARACAINE OPHTHALMIC
d01219 FLUORESCEIN OPHTHALMIC
d01231 CHLORHEXIDINE TOPICAL
d01232 CARBAMIDE PEROXIDE TOPICAL
d01233 NYSTATIN
d01238 TERCONAZOLE TOPICAL
d01244 TRETINOIN TOPICAL
d01245 ISOTRETINOIN
d01246 BENZOYL PEROXIDE TOPICAL
d01257 NITROFURAZONE TOPICAL
d01259 SILVER SULFADIAZINE TOPICAL
d01265 SULFACETAMIDE SODIUM TOPICAL
d01267 MUPIROXIN TOPICAL
d01272 CICLOPIROX TOPICAL
d01274 TOLNAFTATE TOPICAL

d01279 PERMETHRIN TOPICAL
d01282 ALCLOMETASONE TOPICAL
d01288 CLOBETASOL TOPICAL
d01290 DESONIDE TOPICAL
d01294 FLUOCINONIDE TOPICAL
d01296 FLUTICASONE
d01298 HALOBETASOL TOPICAL
d01303 PRAMOXINE TOPICAL
d01306 COCAINE TOPICAL
d01307 SALICYLIC ACID TOPICAL
d01315 COLLAGENASE TOPICAL
d01321 CAPSAICIN TOPICAL
d01335 SODIUM HYPOCHLORITE TOPICAL
d01348 MEGESTROL
d01353 LEUPROLIDE
d01373 HYDROXYUREA
d01389 DISULFIRAM
d01394 PROCAINE
d01396 PRILOCAINE
d01398 MEPIVACAINE
d01406 NALTREXONE
d01407 FLUMAZENIL
d01423 POTASSIUM CITRATE
d01445 BARIUM SULFATE
d01456 IOHEXOL
d01461 IOPAMIDOL
d01469 IOVERSOL
d01473 DIATRIZOATE
d02376 ALBUMIN HUMAN
d02377 DEXTRAN-1
d03007 MEASLES;MUMPS;RUBELLA VIRUS VACCINE
d03041 ENOXAPARIN
d03050 LORATADINE
d03052 HYDROCHLOROTHIAZIDE-TRIAMTERENE
d03054 AMYLASE
d03061 BUTALBITAL
d03071 DIPHENOXYLATE
d03075 HYDROCODONE
d03080 LIPASE
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
d03145 MULTIVITAMIN WITH MINERALS
d03148 MULTIVITAMIN, PRENATAL
d03154 DOXYLAMINE
d03157 PAROXETINE

d03160 SUMATRIPTAN
d03162 ETHANOL
d03165 PIPERACILLIN-TAZOBACTAM
d03180 RISPERIDONE
d03181 VENLAFAXINE
d03182 GABAPENTIN
d03189 TORSEMIDE
d03191 TERBINAFINE TOPICAL
d03192 ZINC OXIDE TOPICAL
d03195 MICONAZOLE TOPICAL
d03197 BETAMETHASONE TOPICAL
d03200 ERYTHROMYCIN TOPICAL
d03202 KETOCONAZOLE TOPICAL
d03205 HYDROCORTISONE TOPICAL
d03206 TRIAMCINOLONE TOPICAL
d03208 METRONIDAZOLE TOPICAL
d03211 CIPROFLOXACIN OPHTHALMIC
d03221 PREDNISOLONE OPHTHALMIC
d03222 TOBRAMYCIN OPHTHALMIC
d03227 FLUOROMETHOLONE OPHTHALMIC
d03238 ETHINYL ESTRADIOL-NORETHINDRONE
d03242 ETHINYL ESTRADIOL-LEVONORGESTREL
d03265 BENAZEPRIL-HYDROCHLOROTHIAZIDE
d03266 HYDROCHLOROTHIAZIDE-LISINAPRIL
d03292 IBUPROFEN-PSEUDOEPHEDRINE
d03297 ACETAMINOPHEN-PHENYLEPHRINE
d03313 CHLORPHENIRAMINE;PHENYLEPHRINE;PYRILAMINE
d03317 PHENYLEPHRINE-PROMETHAZINE
d03320 ACETAMINOPHEN;CHLORPHENIRAMINE;PSE
d03340 HOMATROPINE-HYDROCODONE
d03357 CODEINE-PROMETHAZINE
d03360 DEXTROMETHORPHAN-PROMETHAZINE
d03364 CODEINE;PHENYLEPHRINE;PROMETHAZINE
d03368 BROMPHENIRAMINE;DEXTROMETHORPHAN;PSE
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
d03456 ACETAMINOPHEN-BUTALBITAL
d03457 ASPIRIN;BUTALBITAL;CAFFEINE
d03473 CARBIDOPA-LEVODOPA
d03474 ALUMINUM HYDROXIDE-MAGNESIUM HYDROXIDE
d03478 AL HYDROXIDE;MG HYDROXIDE;SIMETHICONE
d03485 ATROPINE;HYOSCYAMINE;PB;SCOPOLAMINE
d03496 DOCUSATE-SENNA
d03506 ATROPINE-DIPHENOXYLATE

d03521 CYCLOPENTOLATE-PHENYLEPHRINE OPHTHALMIC
d03536 DEXAMETHASONE-TOBRAMYCIN OPHTHALMIC
d03546 HYDROCORTISONE-PRAMOXINE TOPICAL
d03561 BETAMETHASONE-CLOTRIMAZOLE TOPICAL
d03562 NYSTATIN-TRIAMCINOLONE TOPICAL
d03600 POTASSIUM BICARBONATE
d03640 BUDESONIDE NASAL
d03641 PETROLATUM TOPICAL
d03644 LACTOBACILLUS ACIDOPHILUS
d03647 ISOPROPYL ALCOHOL TOPICAL
d03653 CALAMINE TOPICAL
d03655 LIDOCAINE-PRILOCAINE TOPICAL
d03664 PHENOL TOPICAL
d03665 MENTHOL TOPICAL
d03666 MENTHOL-PHENOL TOPICAL
d03668 METHYL SALICYLATE TOPICAL
d03669 MENTHOL-METHYL SALICYLATE TOPICAL
d03684 THROMBIN TOPICAL
d03689 CALCIUM ACETATE
d03692 BENZYL PENICILLOYL-POLYLYSINE
d03744 BISOPROLOL-HYDROCHLOROTHIAZIDE
d03752 TACROLIMUS
d03756 BACITRACIN TOPICAL
d03761 LANOLIN TOPICAL
d03766 ROCURONIUM
d03768 OCULAR LUBRICANT
d03770 EMOLLIENTS, TOPICAL
d03775 FAMCICLOVIR
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
d03805 DORZOLAMIDE OPHTHALMIC
d03807 METFORMIN
d03809 LAMOTRIGINE
d03817 CALCIUM GLUBIONATE
d03818 LORATADINE-PSEUDOEPHEDRINE
d03820 HEPATITIS A VACCINE (OBSOLETE)
d03821 LOSARTAN
d03824 FERROUS SULFATE
d03826 TRAMADOL
d03827 CETIRIZINE
d03828 LANSOPRAZOLE
d03829 AMLODIPINE-BENAZEPRIL
d03830 HYDROCHLOROTHIAZIDE-LOSARTAN
d03833 DIVALPROEX SODIUM
d03838 VALACYCLOVIR
d03839 MYCOPHENOLATE MOFETIL
d03840 IOPROMIDE

d03843 GADOTERIDOL
d03847 CARVEDILOL
d03849 ALENDRONATE
d03857 BENZOYL PEROXIDE-ERYTHROMYCIN TOPICAL
d03864 GLIMEPIRIDE
d03866 CALCIUM CITRATE
d03873 ANASTROZOLE
d03875 CISATRACURIUM
d03882 CEFEPIME
d03884 TROLAMINE SALICYLATE TOPICAL
d03927 BACITRACIN OPHTHALMIC
d03952 CITRIC ACID-SODIUM CITRATE
d03962 POTASSIUM BICARBONATE-POTASSIUM CITRATE
d03973 ERYTHROMYCIN OPHTHALMIC
d03974 GENTAMICIN OPHTHALMIC
d03982 TETRACAINE TOPICAL
d03984 RITONAVIR
d03990 CARBAMIDE PEROXIDE OTIC
d03994 COLLOIDAL OATMEAL TOPICAL
d03998 STERILE WATER
d04003 HYDROGEN PEROXIDE TOPICAL
d04012 TERBINAFINE
d04016 IODIXANOL
d04017 LATANOPROST OPHTHALMIC
d04025 MIRTAZAPINE
d04027 MEROPENEM
d04035 AMPHETAMINE-DEXTROAMPHETAMINE
d04036 CAFFEINE-SODIUM BENZOATE
d04037 TIMOLOL OPHTHALMIC
d04040 FEXOFENADINE
d04041 FOSPHENYTOIN
d04047 MIDODRINE
d04048 BRIMONIDINE OPHTHALMIC
d04049 AMMONIUM LACTATE TOPICAL
d04050 OLANZAPINE
d04057 ZINC SULFATE
d04058 MELATONIN
d04066 ALBUTEROL-IPRATROPIUM
d04068 AZELASTINE NASAL
d04083 GADODIAMIDE
d04090 LACTIC ACID TOPICAL
d04099 DONEPEZIL
d04101 IVERMECTIN
d04102 TIZANIDINE
d04105 ATORVASTATIN
d04106 FOSFOMYCIN
d04109 LEVOFLOXACIN
d04111 GLATIRAMER
d04112 CABERGOLINE
d04113 VALSARTAN
d04115 TOPIRAMATE

d04117 OLOPATADINE OPHTHALMIC
d04121 TAMSULOSIN
d04122 TROGLITAZONE
d04134 POLYMYXIN B OPHTHALMIC
d04145 PRAMIPEXOLE
d04156 LETROZOLE
d04160 SODIUM BIPHOSPHATE-SODIUM PHOSPHATE
d04172 CALAMINE-PRAMOXINE TOPICAL
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
d04228 ACETIC ACID OTIC
d04242 SODIUM CHLORIDE NASAL
d04248 METHYLCELLULOSE
d04249 CELLULOSE
d04253 ZOLMITRIPTAN
d04256 CEFDINIR
d04258 CLOPIDOGREL
d04261 RALOXIFENE
d04267 REPAGLINIDE
d04270 FEXOFENADINE-PSEUDOEPHEDRINE
d04275 BECLOMETHASONE NASAL
d04276 BUDESONIDE
d04283 FLUTICASONE NASAL
d04284 FLUTICASONE TOPICAL
d04286 FENOFIBRATE
d04289 MONTELUKAST
d04293 HYDROCHLOROTHIAZIDE-VALSARTAN
d04294 TOLTERODINE
d04298 PHENYLEPHRINE TOPICAL
d04299 SILDENAFIL
d04301 BRINZOLAMIDE OPHTHALMIC
d04312 PARICALCITOL
d04316 EPTIFIBATIDE
d04318 PERTUSSIS, ACELLULAR
d04323 PALIVIZUMAB
d04328 RIZATRIPTAN
d04332 CITALOPRAM
d04342 INFLIXIMAB
d04349 LEFLUNOMIDE
d04363 SEVELAMER
d04364 TELMISARTAN
d04365 ETANERCEPT
d04369 INSULIN REGULAR
d04370 INSULIN ISOPHANE (NPH)
d04373 INSULIN LISPRO
d04374 INSULIN ISOPHANE-INSULIN REGULAR
d04376 ABACAVIR

d04377 THYROTROPIN ALFA
d04380 CELECOXIB
d04382 CILOSTAZOL
d04387 SODIUM FERRIC GLUCONATE COMPLEX
d04395 CLOTRIMAZOLE TOPICAL
d04397 FLUORIDE TOPICAL
d04399 NYSTATIN TOPICAL
d04404 TAZOBACTAM
d04411 GARLIC
d04412 GINSENG
d04413 GINKGO
d04418 GLUCOSAMINE
d04419 CHONDROITIN
d04420 CHONDROITIN-GLUCOSAMINE
d04427 LEVALBUTEROL
d04431 NEOMYCIN;POLYMYXIN B;PRAMOXINE TOPICAL
d04441 KETOTIFEN OPHTHALMIC
d04442 PIOGLITAZONE
d04451 TEMOZOLOMIDE
d04453 SIROLIMUS
d04462 OSELTAMIVIR
d04468 CLOVE
d04472 BLACK COHOSH
d04497 ASPIRIN-DIPYRIDAMOLE
d04499 LEVETIRACETAM
d04500 MOXIFLOXACIN
d04505 DEXMEDETOMIDINE
d04513 OXCARBAZEPINE
d04514 PANTOPRAZOLE
d04523 UBIQUINONE
d04527 ZONISAMIDE
d04532 MELOXICAM
d04534 LINEZOLID
d04537 RIVASTIGMINE
d04538 INSULIN GLARGINE
d04541 AZELASTINE OPHTHALMIC
d04557 CLOBAZAM
d04572 FORMOTEROL
d04611 FLUTICASONE-SALMETEROL
d04654 DOXYLAMINE-PYRIDOXINE
d04669 VIGABATRIN
d04694 TENECTEPLASE
d04697 INSULIN ASPART
d04698 ARGATROBAN
d04719 COAGULATION FACTOR VIIA
d04725 IRON SUCROSE
d04726 5-HYDROXYTRYPTOPHAN
d04737 HYDROCHLOROTHIAZIDE-TELMISARTAN
d04747 ZIPRASIDONE
d04749 ESOMEPRAZOLE
d04753 TRAVOPROST OPHTHALMIC

d04754 BIMATOPROST OPHTHALMIC
d04755 VALGANCICLOVIR
d04760 DROSPIRENONE-ETHINYL ESTRADIOL
d04764 CETIRIZINE-PSEUDOEPHEDRINE
d04771 DARBEPOETIN ALFA
d04772 ETONOGESTREL
d04774 TENOFOVIR
d04777 DEXMETHYLPHENIDATE
d04783 ERTAPENEM
d04786 FONDAPARINUX
d04788 DUTASTERIDE
d04796 PERFLUTREN
d04797 ALFUZOSIN
d04801 OLMESARTAN
d04811 OXALIPLATIN
d04812 ESCITALOPRAM
d04819 BUPRENORPHINE-NALOXONE
d04824 EZETIMIBE
d04825 ARIPIRAZOLE
d04826 NITAZOXANIDE
d04827 ATOMOXETINE
d04829 TIOTROPIUM
d04835 ADALIMUMAB
d04836 CYCLOSPORINE OPHTHALMIC
d04844 CAMPHOR-MENTHOL TOPICAL
d04851 ROSUVASTATIN
d04852 BUPIVACAINE-FENTANYL
d04878 HYDROCHLOROTHIAZIDE-OLMESARTAN
d04884 EMTRICITABINE
d04888 PALONOSETRON
d04890 CIPROFLOXACIN-DEXAMETHASONE OTIC
d04894 DAPTOMYCIN
d04896 TADALAFIL
d04899 MEMANTINE
d04911 PENTAFLUOROPROPANE-TETRAFLUROETHANE TOPICAL
d04917 FLUOXETINE-OLANZAPINE
d04921 TETANUS-DIPHTH TOXOIDS (TD) ADULT;ADOL
d04935 TINIDAZOLE
d05145 ARTEMETHER-LUMEFANTRINE
d05218 CINACALCET
d05225 LACTOBACILLUS RHAMNOSUS
d05265 NEBIVOLOL
d05278 INSULIN GLULISINE
d05283 BRIMONIDINE-TIMOLOL OPHTHALMIC
d05294 RIFAXIMIN
d05338 DIPHTHERIA-TETANUS TOXOIDS (DT) PED
d05346 GADOBUTROL
d05350 POLYETHYLENE GLYCOL 3350
d05352 EMTRICITABINE-TENOFOVIR
d05355 DULOXETINE
d05357 IBANDRONATE
d05366 ACETAMINOPHEN;DEXTROMETHORPHAN;DOXYLAMINE
d05383 ACETAMINOPHEN;CHLORPHENIRAMINE;DM

d05413 SOLIFENACIN
d05421 ESZOPICLONE
d05428 GADOBENATE DIMEGLUMINE
d05436 INSULIN DETEMIR
d05487 MICAFUNGIN
d05508 PREGABALIN
d05540 HYDRALAZINE-ISOSORBIDE DINITRATE
d05578 RAMELTEON
d05626 EVEROLIMUS
d05646 SACCHAROMYCES BOULARDII LYO
d05649 CEFTRIAZONE-LIDOCAINE
d05696 LENALIDOMIDE
d05719 RANOLAZINE
d05770 OMEPRAZOLE-SODIUM BICARBONATE
d05776 IODINE
d05778 ACETAMINOPHEN;DEXTROMETHORPHAN;GUAIFENESIN;PE
d05781 TETANUS;DIPHTH;PERTUSS (TDAP) ADULT;ADOL
d05807 VARENICLINE
d05813 ZOSTER VACCINE LIVE
d05825 DARUNAVIR
d05851 LEVOCETIRIZINE
d05869 PROTHROMBIN COMPLEX
d05887 SULFUR HEXAFLUORIDE
d05893 ARFORMOTEROL
d05896 SITAGLIPTIN
d06297 PALIPERIDONE
d06307 GADOTERATE MEGLUMINE
d06370 TURMERIC
d06507 CINNAMON
d06663 LISDEXAMFETAMINE
d06720 METFORMIN-SITAGLIPTIN
d06848 LUTEIN
d06851 AZITHROMYCIN OPHTHALMIC
d06860 OXYGEN
d06861 CARBON DIOXIDE
d06867 BIOTIN
d07048 RALTEGRAVIR
d07076 ETRAVIRINE
d07113 DESVENLAFAXINE
d07131 REGADENOSON
d07137 DABIGATRAN
d07312 CLEVIDIPINE
d07347 BIFIDOBACTERIUM INFANTIS
d07349 LACOSAMIDE
d07356 RIVAROXABAN
d07361 SUGAMMADEX
d07395 DEXLANSOPRAZOLE
d07447 TOLVAPTAN
d07458 DRONEDARONE
d07466 LIRAGLUTIDE
d07478 TAFLUPROST OPHTHALMIC

d07495 ULIPRISTAL
d07496 TOCILIZUMAB
d07499 PAZOPANIB
d07507 ESLICARBAZEPINE
d07546 DALFAMPRIDINE
d07567 DROXIDOPA
d07660 FORMOTEROL-MOMETASONE
d07684 ROFLUMILAST
d07685 CARBOXYMETHYLCELLULOSE
d07705 LURASIDONE
d07721 TICAGRELOR
d07727 PENICILLIN G BENZATHINE
d07740 VILAZODONE
d07764 FAMOTIDINE-IBUPROFEN
d07767 LINAGLIPTIN
d07796 EMTRICITABINE;RILPIVIRINE;TENOFVIR
d07804 APIXABAN
d07815 AFLIBERCEPT OPHTHALMIC
d07876 MIRABEGRON
d07899 COBICISTAT;ELVITEGRAVIR;EMTRICITABINE;TENOFVIR
d07902 LINACLOTIDE
d07921 CAPSAICIN-MENTHOL TOPICAL
d07928 DAPAGLIFLOZIN
d08054 INSULIN DEGLUDEC
d08080 CANAGLIFLOZIN
d08100 FLUTICASONE-VILANTEROL
d08117 DOLUTEGRAVIR
d08181 TBO-FILGRASTIM
d08187 UMECLIDINIUM
d08188 UMECLIDINIUM-VILANTEROL
d08259 LIDOCAINE-MENTHOL TOPICAL
d08276 ORITAVANCIN
d08290 DULAGLUTIDE
d08362 OLODATEROL-TIOTROPIUM
d08369 SACUBITRIL-VALSARTAN
d08379 CARIPRAZINE
d08414 BRIVARACETAM
d08421 BACILLUS COAGULANS
d08435 FORMOTEROL-GLYCOPYRROLATE
d08510 CRISABOROLE TOPICAL
d08521 PLECANATIDE
d08549 DUPILUMAB
d08568 BARICITINIB
d08666 FLUTICASONE;UMECLIDINIUM;VILANTEROL
d08688 SEMAGLUTIDE
d08736 BICTEGRAVIR;EMTRICITABINE;TENOFVIR
d08796 ERENUMAB
d08797 SODIUM ZIRCONIUM CYCLOSILICATE
d08897 FREMANEZUMAB
d09540 REMDESIVIR
d09684 CASIRIVIMAB
n08012 PACKED RED BLOOD CELLS
n08049 OMEGA-3 POLYUNSATURATED FATTY ACIDS-VITAMIN AND MINERAL COMBINATIONS

n08063 TROPONIN
n08081 DABIGATRAN
n08127 ADRENALINE;LIDOCAINE;TETRACAINE
n08138 LIDOCAINE-CEFTRIAXONE
n08258 TETROFOSMIN
n09001 RADIOCONTRAST AGENTS
n09059 GADOLINIUM
n09134 THIAMINE-FOLIC ACID
n09135 LIDOCAINE;EPINEPHRINE;TETRACAINE
n09146 HONEY-LEMON OIL
n09147 WHEY PROTEIN ISOLATE
n09185 MISCELLANEOUS ANTIBIOTICS
n09189 RIVAROXABAN
n11002 DIPHENHYDRAMINE-ALUMINUM HYDROXIDE-MAGNESIUM HYDROXIDE
n11008 CANNABIS (MEDICAL MARIJUANA)
n11015 HYPOCHLOROUS ACID
n14008 EMPAGLIFLOZIN
n14010 ABACAVIR;DOLUTEGRAVIR;LAMIVUDINE
n15009 DAPAGLIFLOZIN-METFORMIN
n16010 PATIROMER
n16015 VALSARTAN
n16016 IVABRADINE
n16019 VITAMIN AND MINERAL COMBINATIONS;LUTEIN;ZEAXANTHIN
n16021 VITAMIN D3-VITAMIN K

B. DRUG ENTRY CODES AND NAMES IN NUMERIC ORDER

00002	TAMIFLU	00361	FLOVENT HFA
00004	LIDODERM PATCH	00371	PHENERGAN SUPPOSITORIES
00006	NEPHRON	00378	ACIDOPHILUS W/PECTIN
00009	BICILLIN L-A	00486	ACTIVASE
00013	MYCOPHENOLATE MOFETIL	00535	ADENOSINE
00017	SIROLIMUS	00560	ADRENALIN
00032	EXCEDRIN MIGRAINE	00597	ADVIL
00036	MAALOX PLUS	00645	AFRIN
00042	PROTONIX	00785	ALCAINE
00048	MOBIC	00790	ALCOHOL
00052	SILDENAFIL CITRATE	00800	ALCOHOL ISOPROPYL
00053	TAMSULOSIN HYDROCHLORIDE	00830	ALDACTONE
00058	MINERAL SUPPLEMENT	01001	CLARITIN D
00059	RHO IMMUNE GLOBULIN	01002	NEXIUM
00076	TRILEPTAL	01003	ANAPROX DS
00080	CARBIDOPA-LEVODOPA	01008	ZONEGRAN
00084	PREGABALIN	01012	BUDESONIDE
00096	OSTEO-BIFLEX	01017	BACTRIM DS
00101	ISOSORBIDE DINITRATE	01020	OPTIVAR
00102	ISOSORBIDE MONONITRATE	01022	METOPROLOL TARTRATE
00109	URSODIOL	01024	RABAVERT
00117	CRANBERRY	01029	EFFEXOR XR
00123	NICOTINE	01030	ALLOPURINOL
00125	AVELOX	01032	TPA
00150	NICODERM CQ PATCH	01034	ADVAIR DISKUS
00151	TUSSIN	01036	GEODON
00154	CHILDREN'S IBUPROFEN	01037	GLUCOTROL XL
00164	FIBRINOGEN (HUMAN)	01038	HALDOL DECANOATE
00167	NOVOLIN N	01042	REPAGLINIDE
00169	KETOROLAC TROMETHAMINE	01043	ZIPRASIDONE HCL
00176	PREDNISOLONE ACETATE	01044	Z-PAK
00177	SALT WATER	01047	IRBESARTAN
00184	KEPPRA	01050	TOLTERODINE TARTRATE
00195	TEMOZOLOMIDE	01053	AMPICILLIN AND SULBACTAM
00198	ENOXAPARIN SODIUM	01055	ORAPRED
00208	CELECOXIB	01057	DETROL LA
00213	PANTOPRAZOLE SODIUM	01064	WELLBUTRIN SR
00218	CARBAMIDE PEROXIDE	01073	MAXALT-MLT
00233	CONCERTA	01094	CARDIZEM CD
00235	NOVOSEVEN	01106	LUTEIN
00238	ZOLMITRIPTAN	01116	ZYVOX
00253	LISPRO	01119	INDERAL LA
00260	ACETAMINOPHEN	01193	HALOPERIDOL DECONATE
00268	MOMETASONE FUROATE	01196	MOXIFLOXACIN
00269	SUCCINYLCHOLINE CHLORIDE	01206	COENZYME Q10
00274	QVAR	01207	LITHIUM CARBONATE
00280	ACETAMINOPHEN W/CODEINE	01211	PULMICORT RESPULES
00283	ACETAMINOPHEN W/OXYCODONE	01214	LANTUS
00338	ACETYLCYSTEINE	01216	OXCARBAZEPINE
00341	TDAP	01225	ALUMINUM HYDROXIDE
00358	FLORINEF	01228	BECLOMETHASONE DIPROPIONATE

01233	RAPAMUNE	02138	MAALOX W/ VISCOUS LIDOCAINE
01235	ALUMINUM MAGNESIUM HYDROXIDE	02140	THIAMINE HCL
01236	VERAPAMIL SR	02146	ADOXA
01242	CEFAZOLIN SODIUM	02153	VITAMIN B12/FOLIC ACID
01246	RIZATRIPTAN BENZOATE	02158	ANTIBIOTIC AGENT
01250	ALUMINUM-MAGNESIUM HYDROX W/SIMETHICONE	02168	BLACK COHOSH
01253	ALUM/MAG HYDROX/SIMETHI	02177	CAPZASIN P
01264	DEPACON	02187	ALPHAGAN P
01266	INSULIN GLARGINE	02189	GLUCOPHAGE XR
01267	HUMALOG MIX 75/25	02203	ABILIFY
01281	ADDERALL XR	02207	ROBAXIN-750
01282	LATANOPROST	02209	NOVOLOG
01290	AMANTADINE	02223	ZETIA
01318	EPTIFIBATIDE	02231	ADALAT CC
01378	AMIDATE	02249	PEPCID AC
01530	AMITRIPTYLINE	02250	ANTIVERT
01555	AMMONIA AROMATIC ASPIROL	02256	ESCITALOPRAM OXALATE
01630	AMOXICILLIN	02279	PULMICORT
01635	AMOXICILLIN TRIHYDRATE	02292	VENOFER
01640	AMOXIL	02293	VALCYTE
01678	AMPHOTERICIN	02310	ANUSOL
01685	AMPICILLIN	02311	PIOGLITAZONE HCL
01838	ANAPROX	02312	CABERGOLINE
01865	ANCEF	02314	LORTAB ELIXIR
01983	ANESTHETIC	02315	ANUSOL-HC
02013	BENICAR	02326	CALCIUM GLUBIONATE
02018	FOCALIN	02331	NEOMYCIN/POLYMYXIN B SULFATES/HYDROCORT
02027	GLUCAGEN	02333	ROXICODONE
02036	EXTRA STRENGTH TYLENOL	02351	FEMARA
02037	LEVETIRACETAM	02359	VIREAD
02042	DUONEB	02364	CALCITRATE
02046	LAT	02405	APRESOLINE
02054	TRIMETHOPRIM SULFATE/POLYMYXIN B SULFAT	02465	AQUAMEPHYTON
02064	INVANZ	02470	AQUAPHOR
02065	TNKASE	02575	ARISTOCORT
02074	LUPRON	02627	ARMOUR THYROID
02075	ANTABUSE	02645	ARTANE
02077	MEROPENEM	02705	ASCORBIC ACID
02079	NITROGLYCERIN SUBLINGUAL	02805	ASPIRIN
02087	SOAPSUDS ENEMA	02875	ATARAX
02097	GASTROCROM	02900	ATIVAN
02099	DEPAKOTE ER	02940	ATROPINE
02103	LEVALBUTEROL HCL	02950	ATROPINE SULFATE
02104	MAGNESIUM HYDROXIDE	02982	ATROVENT
02117	PLAN B	02987	AUGMENTIN 125
02119	LEXAPRO	03002	AVODART
02128	BENZONATATE	03021	MOTRIN CHILDREN'S COLD SUSP
02131	ESOMEPRAZOLE MAGNESIUM	03028	NITROSPRAY
02137	ZYPREXA ZYDIS	03039	IMODIUM A-D
		03050	AVEENO

03056 CITROMA	03415 BACITRACIN-NEOMYCIN-POLYMYXIN
03069 NYSTOP	03420 BACITRACIN-POLYMYXIN
03079 CROFAB	03421 DARBEPOETIN ALFA
03080 STRATTERA	03423 BACLOFEN
03081 AMOXICILLIN AND CLAVULANATE POTASSIUM	03427 HUMIRA
03091 AZELASTINE HCL	03428 EMTRICITABINE
03099 CILOSTAZOL	03430 BACTRIM
03113 AYGESTIN	03434 HYOSCYAMINE
03115 AYR SALINE MIST	03437 POLYETHYLENE GLYCOL-ELECTROLYTE SOLUTIO
03117 AZACTAM	03438 BACTROBAN
03123 AZATHIOPRINE	03442 SILVASORB
03129 DIPROLENE AF	03443 AQUACEL AG
03134 RESTASIS	03590 BARIUM
03142 NIFEDIPINE ER	03700 BECLOMETHASONE
03148 AVIANE	03900 BEN-GAY
03151 STERAPRED DS	03905 BENADRYL
03173 BIOGLO	04000 BENTYL
03183 TUMS E-X	04003 BISMATROL
03184 WELLBUTRIN XL	04011 NAMENDA
03187 CRESTOR	04014 ARIPIPRAZOLE
03188 MUCINEX	04021 BENICAR HCT
03192 VIGAMOX	04023 BISOPROLOL/HCTZ
03197 CIPRODEX	04026 CALGEST
03201 MEMANTINE	04029 CEROVITE TABLETS
03211 CIALIS	04041 ALBUTEROL/ATROVENT
03222 MICARDIS HCT	04042 SPIRIVA
03226 ENALAPRIL MALEATE	04049 CULTURELLE
03237 ATOMOXETINE HCL	04050 BENZO MENTH
03250 B COMPLEX	04051 CYMBALTA
03251 RANITIDINE HCI	04058 DIALYVITE
03272 METOPROLOL SUCCINATE	04059 DOCUSATE -SENNA
03273 NOVOLIN R	04060 BENZOCOL
03276 SUBOXONE	04061 ENEMEEZ
03279 AMPHETAMINE SALT COMBO	04072 NASAL SALINE
03282 CANASA	04079 GLYCOLAX
03283 CEFDINIR	04088 BENZOYL PEROXIDE
03286 KARIVA	04092 EYE-VITE
03296 IVERMECTIN	04120 BETADINE
03306 NOVALOG	04143 CATAPRES-TTS-1
03309 PROVENTIL HFA	04146 EZETIMIBE
03318 HEPARIN SODIUM	04170 BETAMETHASONE
03319 TRAMADOL HCL	04171 EMTRIVA
03327 BIMATOPROST	04176 SENNA-S
03329 FERRLECIT	04200 CALCIUM ZINC MAGNESIUM
03332 BENADRYL ALLERGY	04212 COENZYME (UNSPECIFIED)
03368 LINEZOLID	04233 DAILY VITE W/IRON & MINERALS TABLETS
03371 ALTEPLASE	04235 BICILLIN
03374 ISOVUE-M 300	04245 FLORANEX TABS
03381 MELOXICAM	04246 FLORASTOR
03400 BACIGUENT	04250 BICITRA
03410 BACITRACIN	04282 ZEMPLAR
03411 FLAX SEED	

04292 SENSIPAR	05261 SOLIFENACIN
04299 TURMERIC	05265 CAFFEINE
04307 SENNOSIDES	05270 CAFFEINE & SODIUM BENZOATE
04316 ARIXTRA	05291 LIDOCAINE/PRILOCAINE
04322 BIOFREEZE	05308 MUCINEX DM
04329 ASPIRIN/DIPYRIDAMOLE	05310 CALADRYL
04345 BIOTIN	05317 PALONOSETRON
04351 JANTOVEN	05320 CALAMINE
04370 BISACODYL	05331 COMMIT
04393 TRUVADA	05335 CALAMINE LOTION
04396 POLYCARBOPHIL	05337 LOFIBRA
04421 ERTAPENEM	05338 FLUTICASON-SALMETEROL
04440 BISMUTH SUBSALICYLATE	05347 CALAN
04448 AMMONIUM LACTATE	05348 NATALCARE PLUS
04473 IOPAMIDOL	05375 CALCIFEROL
04479 NORMASOL R	05393 CALCITONIN
04491 SYMBICORT	05395 CALCIUM ACETATE
04528 TAZOBACTAM	05405 CALCIUM CARBONATE
04529 METHYLPREDNISOLONE SODIUM SUCCINATE	05415 CALCIUM
04535 BARIUM SULFATE	05418 CALCIUM CHLORIDE
04556 SEVELAMER HYDROCHLORIDE	05430 CALCIUM GLUCONATE
04576 DULOXETINE	05453 CALCIUM SALTS/VITAMIN D
04589 TIOTROPIUM BROMIDE	05663 CARAFATE
04617 ACCUNEB	05680 CARBAMAZEPINE
04650 BRETHINE	05710 CARBON DIOXIDE
04679 STATINS	05789 CARDIZEM
04685 SANCURA	05895 CATAPRES
04845 BROMPHENIRAMINE	05983 CEFADROXIL
04873 BRONCHODILATOR	05993 CEFTIN
05001 CLOBEX SHAMPOO	05995 CEFAZOLIN
05012 PRESERVISION	06004 FOCALIN XR
05024 BUMEX	06015 CELESTONE SOLUSPAN
05035 BUPIVACAINE	06017 AMLODIPINE/BENZAEPRIIL
05043 BURN OINTMENT	06044 CATAPRES-TTS-2
05051 VESICARE	06068 ANASTROZOLE
05054 SUBUTEX	06078 VIGABATRIN
05095 BUTALBITAL	06089 XIFAXAN
05097 LYRICA	06092 ACETADOTE
05099 CLOTRIMAZOLE-BETAMETHASONE DIPROPRIONAT	06102 BIDIL
05164 NIRAVAM	06109 YAZ
05172 SULFUR HEXAFLUORIDE	06110 CEPACOL
05194 DUTASTERIDE	06120 CEPASTAT
05197 LOSARTAN-HCTZ	06121 RANEXA
05207 CEFUROXIME AXETIL	06122 RIFAXIMIN
05218 CICLOPIROX	06125 CEPHALEXIN
05223 HOMATROPINE-HYDROCODONE	06129 ADACEL
05240 ISOTRETINOIN	06138 BOOSTRIX
05244 ROZEREM	06162 CEFUROXIME
05258 CHLORAPREP	06164 LEVEMIR
	06166 ALFUZOSIN
	06176 OLOPATADINE

06193	JANUVIA	07332	POLYVINYL ALCOHOL
06194	REVATIO	07337	RACEPINEPHRINE
06202	RIVASTIGMINE	07352	TRAVATAN Z
06229	DAPTOMYCIN	07366	VITAMIN D3
06242	LEVSIN/SL	07371	CARBOXYMETHYLCELLULOSE
06247	FLECAINIDE	07392	VALGANCICLOVIR
06249	SALONPAS	07393	CLINDAMYCIN TOPICAL
06253	JUNEL FE	07406	VYVANSE
06258	ZOSTER VACCINE LIVE	07412	ASA
06281	MD-GASTROVIEW	07422	SACCHAROMYCES BOULARDII
06284	HYCET	07470	COMPAZINE
06289	ALINIA	07481	XYZAL
06291	TELMISARTAN	07494	LOVAZA
06324	CLOBAZAM	07507	ARGATROBAN
06400	CHLOR-TRIMETON	07543	CONJUGATED ESTROGENS
06470	CHLORASEPTIC	07559	TRIPHALA
06495	CHLORDIAZEPOXIDE	07567	HYDROCERIN
06605	CHLORPHENIRAMINE	07573	MMR VACCINE
06620	CHLORPROMAZINE	07576	ALIGN
06645	CHLORTHALIDONE	07579	ASHWAGANDHA
06661	CHLORZOXAZONE	07583	PHENA-PLUS
06800	CHRONULAC SYRUP	07601	POLYMYCIN
06815	CIMETIDINE	07616	DERMABOND
06839	CIPRO	07622	FLUARIX
06905	CLEOCIN	07635	PRENATAL PLUS
06920	CLINDAMYCIN	07652	ETHINYL ESTRADIOL-NORETHINDRONE
06925	CLINDAMYCIN (PHOSPHATE)	07661	SILVERGEL
06980	CLONAZEPAM	07670	CORGARD
06985	CLONIDINE	07688	INSULIN ASPART
07001	OSELTAMIVIR	07702	PERFOROMIST
07003	CLOTRIMAZOLE	07755	CORTAID
07005	CLOVE OIL	07760	CORTEF
07044	VASOPRESSORS	07920	COUGH SYRUP
07061	REVLIMID	07930	COUMADIN
07076	INVEGA	07997	CREON
07096	FLUTICASONE PROPIONATE	08006	TAMSULOSIN
07099	CALCIUM CITRATE W/VITAMIN D	08032	BYSTOLIC
07106	CINNAMON	08047	LIALDA
07110	COCAINE	08058	PRENATAL
07144	PROAIR HFA	08061	TENOFOVIR
07167	SEASONIQUE	08064	OLANZAPINE/FLUOXETINE
07180	CODEINE	08066	IOHEXOL
07182	PATADAY	08067	BICARB
07183	JANUMET	08071	VISINE TEARS
07209	VIVITROL	08074	PIPERACILLIN TAZOBACTAM
07212	TINDAMAX	08077	ESOMEPRAZOLE
07228	THERA-M	08084	LIDOGEL
07250	COGENTIN	08090	CYANOCOBALAMIN
07251	PERCOCET 10	08097	EMTRICITABINE/TENOFOVIR
07252	PERCOCET 7.5	08099	PALIVIZUMAB
07265	COLACE	08140	CYCLOGYL
07275	COLCHICINE	08145	CYCLOMYDRIL
07331	PHENADOZ		

08147 MICRO-K	08691 MYOVIEV
08149 ADVAIR	08753 DELSYM
08157 COMBIGAN	08770 DELTASONE
08161 ROSUVASTATIN	08835 DEPAKENE
08169 CORTISPORIN TC OTIC	08836 DEPAKOTE
08180 CYPROHEPTADINE	08865 DEPO-MEDROL
08181 DILTIAZEM CD	08870 DEPO-PROVERA
08186 PRENATAL VITIMINS W/OMEGA 3	08880 DEPO-TESTOSTERONE
08202 ALBUTEROL/IPRATROPIUM	09000 DERMOPLAST
08204 TADALAFIL	09002 CONTRAST
08214 TYLENOL CHILDRENS COUGH	09025 DESITIN
08222 SALINE LOCK	09038 TOPICAL SKIN CREAM
08227 SALINE EYE DROPS	09075 DEXAMETHASONE
08230 CYTOMEL	09077 GADOLINIUM
08231 TROPONIN	09080 DEXAMETHASONE ACETATE
08234 PRISTIQ	09090 DEXAMETHASONE SODIUM
08244 PRBCS	09093 WOUND CLEANSER
08278 ROMYCIN OINTMENT	09095 DEXAMETHASONE SODIUM PHOSPHATE
08284 DABIGATRAN	09109 PREVIDENT
08286 MULTIHANCE	09146 MULTIVITAMIN FOR HER
08293 SITAGLIPTIN	09149 INSULIN R
08303 BACITRACIN ZINC	09151 STEROID
08306 PHENYTOIN SODIUM EXTENDED	09157 CELLULOSE OXIDIDE
08307 ATROPINE/HYOSCYAMINE/ PB/SCOPOL	09158 CELLULOSE
08308 SENNA PLUS	09170 DEXTROAMPHETAMINE
08341 CALCIUM CARBONATE W/VIT D	09174 PRECEDEX
08343 OCEAN NASAL SPRAY	09175 DEXTROSE
08351 IRON SULFATE	09181 TOPICAL ANESTHETIC
08378 VARENICLINE	09199 LACOSAMIDE
08384 BLOOD PRESSURE MEDICATION	09213 ESZOPICLONE
08418 POLYMYXIN B SULFATE DROPS	09230 CEFTRIAZONE W/LIDOCAINE
08426 DOXYLAMINE	09253 EPIPEN JR
08429 RHOPHYLAC	09270 SILVER ALGINATE
08432 NOVLOG FLEXPEN	09293 DIVALPROEX ER
08440 DAPSONE	09305 DIAMOX
08447 LAT GEL	09318 MYCOLOG II
08468 ROCEPHIN W/LIDOCAINE	09319 DOCOSAHEXAENOIC
08481 ADIPEX-P	09320 DIANEAL
08482 LMX CREAM	09326 METFORMIN ER
08527 DARUNAVIR	09327 LEXISCAN
08535 DDAVP	09329 URO-JET
08565 DEBROX	09334 PALIPERIDONE
08585 DECADRON	09344 PACKED RED BLOOD CELLS
08591 ISENTRESS	09361 PRENATAL AD
08595 DECADRON PHOSPHATE	09364 DROSPIRENONE/ETHINYL ESTRADIOL
08603 SKIN CREAM	09365 DIATRIZOATE
08606 OPIOIDS	09367 SIMILAC ADVANCE
08619 RALTEGRAVIR	09370 DIAZEPAM
08637 IODIXANOL	09376 MULTIVITAMIN W/THIAMINE/FOLATE
08667 IBANDRONATE	

09377	Z-PACK	09849	ENALAPRILAT
09378	MAALOX MAX	09850	DIPHENHYDRAMINE
09389	THIAMINE/FOLATE	09853	GLIPIZIDE XL
09392	LET GEL	09867	POTASSIUM BICARBONATE
09418	MAALOX ADVANCED MAXIMUM STRENGTH	09880	DIPHENOXYLATE HCL & ATROPINE SULFATE
09428	HONEY AND LEMON COUGH SYRUP	09882	DEXTROMETHORPHAN
09433	DICLOXACILLIN	09886	REFRESH PLUS
09436	WHEY PROTEIN	09888	INSULIN DETEMIR
09455	DICYCLOMINE	09894	PHOS-NAK
09504	THROMBIN	09899	MEPILEX AG
09545	DIGOXIN	09910	VIMPAT
09556	PRILOCAINE	09915	DIPROSONE
09557	MICAFUNGIN	09924	DRONEDARONE
09562	DEXTROMETHORPHAN/GUAIFENSIN	09931	ETHINYL ESTRADIOL/LEVONORGESTREL
09576	POTASSIUM CITRATE	09938	CENTRUM WOMENS
09577	NYQUIL	09944	RANOLAZINE
09579	DESOGESTREL ETHINYL-ESTRADIOL	09951	IV ANTIBIOTICS
09583	LANTUS SOLOSTAR	09954	DIVALPROEX
09585	DILANTIN	09958	RIVAROXABAN
09587	BUPROPION XL	09964	DIASTAT ACUDIAL
09600	DILAUDID	09975	DISULFIRAM
09601	REVELA	09979	SODIUM POLYSTYRENE SULFONATE
09614	ZOLPIDEM	09990	DIPHThERIA TETNUS TOXOIDS PERTUSSIS
09616	VOSOL	09995	DITROPAN
09621	NIFEDIPINE XL	10028	INVEGA SUSTENNA
09622	CORDAN	10083	MYLANTA DS
09624	CLOBETASOL PROPIONATE	10087	DOCUSATE
09640	DIMENHYDRINATE	10089	DOCUSATE CALCIUM
09655	IV FLUIDS	10113	NERVE BLOCK
09667	DEXMEDETOMIDINE	10121	DULERA
09669	XYLOCAINE-MPF	10123	VICTOZA
09679	COLLAGENASE OINTMENT	10125	EVEROLIMUS
09690	DIMETAPP	10130	DOLOPHINE
09711	LEVOCARNITINE	10135	DEXILANT
09712	URINOZINC	10157	MINERAL OIL ENEMA
09716	KETOCONAZOLE SHAMPOO	10161	ETHANOL
09721	UBIDECARENONE	10166	BUPRENORPHINE-NALOXONE
09722	CHOLECALCIFEROL	10181	LISDEXAMFETAMINE
09723	INTELENCE	10191	INFUSION THERAPY
09741	FEROSUL	10192	SALINE FLUSH
09752	SULFAMETHAZOLE TRIMETHOPRIM	10204	BUTALBITAL-ACETAMINOPHEN
09753	THYROID STIMULATING HORMONE	10210	DONNATAL
09760	KETOTIFEN FUMARATE	10225	DOPAMINE
09783	INSULIN 70/30	10231	NEOMYCIN/POLYMYXIN B/HYDROCORTISONE
09784	NASOGEL	10241	GADOTERIDOL
09789	PERFLUTREN	10248	FEXOFENADINE-PSEUDOEPHEDRINE
09801	AZASITE	10256	NICOTINE POLACRILEX
09826	OMNISCAN	10261	LYSTEDA
09827	GADOBENATE DIMEGLUMINE	10262	HYDROCORTISONE-PRAMOXINE
09834	DITROPAN XL		
09847	SITZ BATH		
09848	ACELLULAR PERTUSSIS		

10298	PROPHYLACTIC ANTIBODIES	11362	SYNEPHRINE
10299	IMMUNOGLOBULIN	11384	ISOVUE-370
10301	VITAMIN D2	11385	DESVENLAFAXINE
10309	AMPYRA	11387	VASHE
10322	HYDROCHLOROTHIAZIDE/ TRIAMTERENE	11393	XARELTO
10324	NUCLEAR RX	11430	ENZYMATIC DIGESTANT
10325	DOXEPIN	11450	EPHEDRINE
10327	LIDOCAINE/BUPIVACAINE	11535	EPINEPHRICAINE
10351	CENTRUM ULTRA MENS	11540	EPINEPHRINE
10355	DOXYCYCLINE	11548	EPIPEN
10356	PRADAXA	11615	ERGOCALCIFEROL
10360	DOXYLAMINE SUCCINATE & PYRIDOXINE HCL	11657	ERYPED
10374	TOCILIZUMAB	11660	ERYTHROCIN
10389	DEXTROAMPHETAMINE/ AMPHETAMINE	11665	ERYTHROMYCIN
10393	LORATADINE-PSEUDOEPHEDRINE	11668	ERYTHROMYCIN OPHTHALMIC
10397	POTASSIUM BICARBONATE/ POTASSIUM CITRATE	11740	ESTRACE
10399	CIPROFLOXACIN-DEXAMETHASONE	11745	ESTRADIOL
10408	LIRAGLUTIDE	11898	ETHOSUXAMIDE
10422	OMEGA FATTY ACIDS	11945	EUCERIN
10423	SALINE CLEANSER	12000	MERREM
10440	DRISDOL	12007	MIDAZOLAM
10449	ULTRAVIST	12008	MORPHINE ER
10496	PROHANCE	12009	ALENDRONATE
10500	DROPERIDOL	12011	NEXPLANON
10509	COLCRY5	12013	NICOTINE PATCH
10575	DULCOLAX	12016	NORETHINDRONE
10925	EAR DROPS	12028	OXYCODONE
10975	ECOTRIN	12029	OXYBUTYNIN
11054	BENADRYL/W MAALOX	12031	OXYMETAZOLINE
11065	ELAVIL	12033	PAIN MEDICATIONS
11098	ADCIRCA	12034	PANTOPRAZOLE
11130	ELECTROLYTE	12044	PEN-VK
11142	LATUDA	12046	PERCOCET
11143	VIIBRYD	12053	PNV-DHA
11152	ELOCON	12056	POLYMYXIN B-TRIMETHOPRIM
11171	DEFINITY	12057	TUBERCULIN PURIFIED PROTEIN DERIVATIVE
11172	OPTISON	12062	BIRTH CONTROL PILLS
11197	LURASIDONE	12071	CHERATUSSIN AC
11224	OFIRMEV	12077	PROBIOTIC
11236	MOAB	12082	PROMETHAZINE DM
11261	LORYNA	12088	ROBITUSSIN DM
11274	ADVANCE CARE PLUS	12090	ROMYCIN
11275	PRENATABS	12099	SAMSCA
11302	RECTAL TYLENOL	12112	TRADJENTA
11309	OCULAR LUBRICANT	12123	ZYRTEC-D
11318	IOVERSOL	12137	VESTURA
11354	BUDESONIDE-FORMOTEROL	12149	CORTISPORIN
		12151	DEXTROMETHORPHAN/ PROMETHAZINE
		12154	ESCITALOPRAM

12157	LEVOCETIRIZINE	13088	INVOKANA
12161	MOMETASONE	13094	LINACLOTIDE
12162	PRILOSEC OTC	13097	LINZESS
12171	NORGESTIMATE-ETHINYL ESTRADIOL	13106	MAKENA
12176	PREPARATION H	13111	MIRABEGRON
12189	GARLIC	13118	FUROSEMIDE
12191	LEVALBUTEROL	13127	RISAQUAD
12193	FELDENE	13129	ROFLUMILAST
12195	SALINE NASAL SPRAY	13146	TINIDAZOLE
12196	SULFAMETHOXAZOLE- TRIMETHOPRIM	13154	ELLA
12202	FORMOTEROL-MOMETASONE	13156	FOSFOMYCIN
12211	OMEPRAZOLE-SODIUM BICARBONATE	13159	TENIVAC
12216	HEPARIN PORCINE	13161	TICAGRELOR
12227	ZIOPTAN	13205	GARAMYCIN
12236	CAMPHOR-MENTHOL	13215	GASTROGRAFIN
12255	FEOSOL	13320	GENTAMICIN
12259	EYLEA	13535	GLUCAGON
12274	HEMP TINCTURE	13550	GLUCOSE
12277	DUEXIS	13553	GLUCOTROL
12294	GOLD BOND ANTI-ITCH	13590	GLUTOSE
12300	FERGON	13655	GLYCOPYRROLATE
12311	STRIBILD	13800	GRISEOFULVIN
12318	MYRBETRIQ	13830	GUAIFENESIN & DEXTROMETHORPHAN HBR
12342	BRILINTA	13835	GUAIFENESIN
12368	EFFER-K	13838	GUAIFENESIN W/CODEINE
12396	LINAGLIPTIN	14000	HALDOL
12411	VILAZODONE	14002	APIXABAN
12413	AFLURIA	14006	GADOBUTROL
12465	FERROUS FUMARATE	14008	ANORO ELLIPTA
12476	EMTRICITABINE/ RILPIVIRINE/TENOFOVIR	14013	BREO ELLIPTA
12477	ARFORMOTEROL	14014	ACETAMINOPHEN/ BUTALBITAL/CAFFEINE
12480	FERROUS GLUCONATE	14040	HALOPERIDOL
12482	GADAVIST	14072	COARTEM
12484	PENTAFLUOROPROPANE/ TETRAFLUROETHANE	14076	DAPAGLIFLOZIN
12490	FERROUS SULFATE	14087	FARXIGA
12521	FIBERCON	14102	JARDIANCE
12585	FLAGYL	14114	PAZOPANIB
12620	FLEET ENEMA	14124	TRIUMEQ
12635	FLEXERIL	14131	ABACAVIR-DOLUTEGRAVIR- LAMIVUDINE
12715	FLUORESCEIN	14240	HEPARIN
12830	FLUZONE	14245	HEPARIN LOCK FLUSH SOLUTION
12865	FOLIC ACID	14340	HEXADROL
12880	FOLVITE	14370	HEXAVITAMIN
12967	FORTAZ	14415	HIBICLENS
13009	ELIQUIS	14727	HUMULIN
13015	LISINOPRIL-HYDROCHLOROTHIAZIDE	14840	HYDRALAZINE
13035	FUL-GLO	14930	HYDROCHLOROTHIAZIDE
13063	DOLUTEGRAVIR	14955	HYDROCODONE
		14965	HYDROCORTISONE
		14980	HYDROCORTONE

14985	HYDRODIURIL	16128	TRULANCE
14990	HYDROGEN PEROXIDE	16139	SACUBITRIL/VALSARTAN
15005	HYDROMORPHONE	16146	DEPADE
15051	MONO-LINYAH	16148	ACETAMINOPHEN/DEXTRO- METHORPHAN/GUAIFENE
15060	HYDROXOCOBALAMIN	16164	AIMOVIG
15065	HYDROXY-PROGESTERONE	16167	TRELEGY ELLIPTA
15070	HYDROXYCHLOROQUINE	16169	BIKTARVY
15076	XIGDUO XR	16170	NEOMYCIN/POLYMYXIN B/PRAMOXINE TOPICAL
15077	ZENZEDI	16172	BRIVIACT
15090	HYDROXYUREA	16186	OZEMPIC
15100	HYDROXYZINE	16188	SULFACETAMIDE SODIUM TOPICAL
15105	HYDROXYZINE PAMOATE	16193	CITRIC ACID-SODIUM CITRATE
15115	HYGROTON	16196	CLEVIDIPINE
15195	HYPERAB	16197	GADOTERATE MEGLUMINE
15305	HYTONE	16198	BUPIVACAINE-FENTANYL
15307	HYTRIN	16204	DROXIDOPA
15395	IBUPROFEN	16207	GRANIX
15495	ILOTYCIN	16213	POTASSIUM ACETATE
15535	IMMUGLOBIN	16216	BRIDION
15545	IMODIUM	16217	VASOPRESSIN
15560	INAPSINE	16221	CAPSAICIN-MENTHOL TOPICAL
15575	INDERAL	16224	LIDOCAINE-MENTHOL TOPICAL
15590	INDOCIN	16232	TIOTROPIUM-OLODATEROL
15600	INDOMETHACIN	16238	BACILLUS COAGULANS
15680	INSULIN	16274	ORBACTIV
15695	INTRALIPID	16276	RETACRIT
15705	INTROPIN	16281	ADMELOG
15730	IODINE	16285	ACETAMINOPHEN- DIPHENHYDRAMINE
15985	ISOLYTE	16292	AJOVY
15990	ISONIAZID	16301	TRESIBA
16000	DICLEGIS	16316	BEVESPI AEROSPHERE
16003	ISOPHANE INSULIN SUSPENSION	16324	REMDESIVIR
16009	INCRUSE ELLIPTA	16334	BASAGLAR
16016	TOUJEO SOLOSTAR	16341	ESLICARBAZEPINE ACETATE
16020	ISOPROPYL ALCOHOL	16351	LOKELMA
16051	VELTASSA	16353	PCC
16061	ENTRESTO	16354	TUMERIC
16062	IVABRADINE	16357	APIDRA SOLOSTAR
16069	MULTIVITAMINS W/MINERALS W/ LUTEIN W/ Z	16358	VAYARIN
16072	VITAMIN D3 W/ VITAMIN K2	16359	DULAGLUTIDE
16076	INSULIN DEGLUDEC	16361	CASIRIVIMAB & IMDEVIMAB
16077	VRAYLAR	16362	BARICITINIB
16089	KCENTRA	16455	KAYEXALATE
16104	INSULIN LISPRO	16475	KEFLEX
16105	ISOSORBIDE	16485	KEFZOL
16108	FLUTICASONE FUROATE	16505	KENALOG
16112	EUCRISA	16585	KETALAR
16114	STIOLTO RESPIMAT	16590	KETAMINE
16123	DUPIXENT		
16124	LACTOBACILLUS RHAMNOSUS		

16710	KLOR-CON	19070	METHOCARBAMOL
16800	KONSYL	19090	METHOTREXATE
16940	LACTIC ACID	19130	METHYL SALICYLATE
16955	LACTOBACILLUS ACIDOPHILUS	19140	METHYLCELLULOSE
16975	LACTULOSE	19175	METHYLPHENIDATE
17070	LANOLIN	19178	METHYLPRED-40
17115	LANOXIN	19180	METHYLPREDNISOLONE
17165	LASIX	19208	METOCLOPRAMIDE
17243	LAXATIVE	19210	METOLAZONE
17320	LEUCOVORIN	19218	METOPROLOL
17355	LEVOPHED	19233	METRONIDAZOLE
17370	LEVOTHYROXINE	19280	MICATIN
17375	LEVSIN	19290	MICONAZOLE
17450	LIBRIUM	19315	MICRONEFRIN
17475	LIDEX	19375	MILK OF MAGNESIA
17485	LIDOCAINE	19445	MINERAL OIL
17490	LIDOCAINE HCL	19455	MINIPRESS
17495	LIDOCAINE HCL W/EPINEPHRINE	19465	MINOCYCLINE
17560	LIORESAL	19478	MINOXIDIL
17563	LIOthyRONINE SODIUM	19635	MICONAZOLE NITRATE
17715	LITHIUM	19650	MORPHINE
17840	LOESTRIN	19675	MOTRIN
17865	LOMOTIL	19699	MS CONTIN
17875	LONITEN	19715	MUCOMYST
17880	LOPERAMIDE	19825	MULTIPLE VITAMINS
17885	LOPRESSOR	19840	MULTIVITAMIN
17888	LORAZEPAM	19865	MULTIVITAMIN/MULTIMINERAL
17925	LOTRIMIN	19870	MULTIVITAMINS & MINERALS
18015	LUMINAL	20060	MYCOSTATIN
18125	MAALOX	20080	MYLANTA
18130	MACRODANTIN	20095	MYLICON
18190	MAGNESIUM CHLORIDE	20135	MYSOLINE
18195	MAGNESIUM CITRATE	20255	NAPHAZOLINE
18205	MAGNESIUM OXIDE	20285	NAPROSYN
18215	MAGNESIUM SULFATE	20290	NAPROXEN
18221	MAGNESIUM/ALUMINUM HYDROXIDE	20310	NARCAN
18345	MANNITOL	20595	NEO-SYNEPHRINE
18395	MARCAINE	20690	NEOMYCIN
18520	MAXITROL	20693	NEOMYCIN-POLYMYXIN B
18523	MAXZIDE	20730	NEOSPORIN
18540	MEASLES VIRUS VACCINE	20735	NEOSTIGMINE
18555	MECLIZINE	20885	NIACIN
18640	MEDROL	21065	NILSTAT
18643	MEDROXYPROGESTERONE	21130	NITRO-BID
18645	MEFOXIN	21143	NITRO-DUR
18655	MEGACE	21145	NITROFURANTOIN
18745	MENTHOL	21160	NITROGLYCERIN
18760	MEPERIDINE	21165	NITROGLYN
18775	MEPHYTON	21185	NITROSTAT
18930	METAMUCIL	21203	NIZORAL
18985	METHADONE	21280	NORFLEX
19005	METHAMPHETAMINE	21373	NORMODYNE
19045	METHERGINE	21380	NORMOSOL

21403	NORTRIPTYLINE	24850	PRED FORTE
21645	NYDRAZID	24885	PREDNISOLONE
21695	NYSTATIN	24890	PREDNISONE
21701	NYSTATIN W/TRIAMCINOLONE	24975	PRENATAL FORMULA (VITAMINS)
21795	OMNIPEN	24985	PRENATAL W/FOLIC ACID
21800	ONCOVIN	24988	PRENATAL W/FOLIC ACID & IRON
21925	ORABASE	24995	PREPARATION H CREAM
22065	ORPHENADRINE	25055	PRIMIDONE
22110	OS-CAL	25078	PRINIVIL
22120	OS-CAL 500	25185	PROCAINE
22303	OXYCODONE HCL	25213	PROCARDIA
22305	OXYCODONE HCL & ACETAMINOPHEN	25220	PROCHLORPERAZINE
22315	OXYGEN	25250	PROCTOFOAM
22323	OXYMETAZOLINE HCL	25255	PROCTOFOAM-HC
22345	OXYTOCIN	25305	PROGESTERONE
22520	PAMELOR	25330	PROLIXIN
22630	PANCREASE	25358	PROMETH
23120	PEDIALYTE	25365	PROMETHAZINE
23159	PEDIOTIC	25390	PROMETHAZINE EXPECTORANT W/CODEINE
23215	PENICILLIN	25405	PROMETHAZINE HCL SYRUP
23220	PENICILLIN G	25410	PROMETHAZINE HCL VC EXPECTORANT
23225	PENICILLIN V	25432	PROMETHAZINE W/CODEINE
23228	PENICILLIN V POTASSIUM	25485	PROPARACAINE
23230	PENICILLIN VK	25510	PROPOXYPHENE
23370	PEPTO-BISMOL	25550	PROPYLENE GLYCOL
23385	PERCOCET-5	25595	PROTAMINE SULFATE
23400	PERCOGESIC	25638	PROVENTIL
23585	PETROLATUM	25640	PROVERA
23715	PHENAZOPYRIDINE	25674	PROZAC
23755	PHENERGAN	25695	PSEUDOEPHEDRINE
23798	PHENERGAN W/CODEINE	25810	PYRIDIUM
23845	PHENOBARBITAL	25820	PYRIDOSTIGMINE
23935	PHENOL	25825	PYRIDOXINE HCL
23970	PHENTERMINE	25950	QUELICIN
24015	PHENYLEPHRINE	25965	QUESTRAN
24045	PHENYTOIN	26090	RABIES VACCINE
24175	PHYTONADIONE	26095	RACEPHEDRINE
24255	PITOCIN	26255	REGLAN
24300	PLAQUENIL	26475	RETIN-A
24310	PLASMA-LYTE	26715	RIFAMPIN
24355	PNEUMOVAX	26760	RITALIN
24470	POLYMYXIN	26785	ROBAXIN
24510	POLYSPORIN	26805	ROBINUL
24555	PONTOCAINE	26830	ROBITUSSIN
24560	PONTOCAINE HCL	26835	ROBITUSSIN A-C SYRUP
24650	POTASSIUM	26870	ROCALTROL
24653	POTASSIUM CHLORIDE	27340	SALICYLATE
24730	POTASSIUM PHOSPHATE	27345	SALICYLIC ACID
24805	PRAZOSIN	27368	SALINE
24830	PRE-NATAL VITAMINS		

27374 SALIVA SUBSTITUTE	30880 TESSALON PERLE
27445 SANTYL	30915 TESTOSTERONE
27545 SCOPOLAMINE	31005 TETANUS DIPHTHERIA TOXOID
27708 SEDATIVE	31010 TETANUS IMMUNE GLOBULIN
27749 SENEXON	31015 TETANUS TOXOID
27770 SENNA	31025 TETRACAINE
27785 SENOKOT	31030 TETRACAINE HCL
27795 SENOKOT S	31045 TETRACYCLINE
27810 SENOLAX	31050 TETRACYCLINE HCL
27835 SEPTRA	31325 THERAGRAN
27840 SEPTRA DS	31335 THERAGRAN-M
27855 SERAX	31450 THIAMINE ELIXIR
27985 SILVADENE	31455 THIAMINE
27995 SILVER NITRATE	31542 THIOTHIXENE
28015 SILVER SULFADIAZINE	31550 THORAZINE
28030 SIMETHICONE	31590 THROMBIN TOPICAL
28080 SINEMET	31655 TIGAN
28350 SKELAXIN	31660 TIMOPTIC
28455 SODIUM BICARBONATE	31723 TOBRADEX
28460 SODIUM BIPHOSPHATE	31725 TOBRAMYCIN
28495 SODIUM CHLORIDE	31728 TOBEX OPHTHALMIC
28515 SODIUM CHLORIDE & DEXTROSE	31740 TOFRANIL
28545 SODIUM CHLORIDE FOR IRRIGATION	31845 TORA
28560 SODIUM CHLORIDE IRRIGATION	31927 TRANDATE
28575 SODIUM CITRATE	31945 TRANXENE
28610 SODIUM HYPOCHLORITE	31997 TRAZODONE
28665 SODIUM PHOSPHATE	32013 TRENAL
28800 SOLU-MEDROL	32195 TRIAMCINOLONE
28825 SOMA	32200 TRIAMCINOLONE ACETONIDE
29250 SPIRONOLACTONE	32390 TRIHEXYPHENIDYL
29285 STADOL	32423 TRIMETHOPRIM W/SULFASOXAZOLE
29488 STERILE WATER FOR IRRIGATION	32430 TRIMOX
29498 STEROID(S)	32438 TRIMETHOPRIM
29533 STOOL SOFTENER	32515 TRIPLE ANTIBIOTIC
29645 SUBLIMAZE	32735 TUMS
29660 SUCCINYLCHOLINE	32855 TUSSIONEX
29695 SUCROSE	32905 TYLENOL
29705 SUDAFED	32915 TYLENOL NO. 2
29825 SULFADIAZINE	32920 TYLENOL NO. 3
29840 SULFAMETHOXAZOLE	32925 TYLENOL NO. 4
29843 SULFAMETHOX W/TRIMETHOPRIM	32930 TYLENOL W/CODEINE
29865 SULFASALAZINE	33092 UNASYN
29998 SULINDAC	33170 UNISOM
30305 SYMMETREL	33448 VACCINATION
30395 SYNTHROID	33555 VALIUM
30553 TAMOXIFEN	33573 VALPROIC ACID
30585 TAPAZOLE	33580 VANCOCIN
30730 TEGRETOL	33588 VANCOMYCIN
30756 TEMAZEPAM	33625 VAPONEFRIN
30777 TENEX	33675 VASELINE GAUZE
30782 TENORMIN	33780 VEETIDS
30800 TERAZOL	33843 VENTOLIN
30805 TERBUTALINE	33858 VERAPAMIL

34085 VIBRA	41860 FOLATE
34090 VIBRAMYCIN	42425 GOLYTELY
34110 VICODIN	42800 NORMAL SALINE
34270 VISTARIL	42985 PROPRANOLOL
34360 VITAMIN A	60115 AUGMENTIN
34425 VITAMIN B COMPLEX	60125 AUGMENTIN 500
34450 VITAMIN B COMPLEX W/VITAMIN C	60150 BACITRACIN OPHTHALMIC
34455 VITAMIN B-1	60175 BENZAMYCIN
34495 VITAMIN B-12	60180 BENZTROPINE MESYLATE
34510 VITAMIN B-6	60195 BETAMETHASONE SOD PHOSPHATE
34520 VITAMIN C	60200 BETAMETHASONE VALERATE
34565 VITAMIN D	60270 BUSPAR
34575 VITAMIN E	60295 CEFOTAN
34623 VITAMIN K	60370 CORDARONE
34725 VOLTAREN	60415 DEXAMETHASONE/ NEOMYCIN/POLYMIX
34775 WARFARIN	60550 EYE DROPS
34790 WATER DISTILLED	60555 EYE WASH
34800 WATER FOR IRRIGATION	60565 FENTANYL CITRATE
34920 WITCH HAZEL	60595 FIORICET
35023 XANAX	60640 GENTAMICIN OPHTHALMIC
35060 XYLOCAINE	60665 GLYCERIN
35080 XYLOCAINE HCL W/EPINEPHRINE	60735 INFLUENZA VIRUS VACC
35085 XYLOCAINE VISCOUS	60765 ISOVUE
35150 ZARONTIN	60775 K-DUR
35155 ZAROXOLYN	60790 KLONOPIN
35224 ZESTRIL	60795 LACHYDRIN
35240 ZINC	60800 LACTATED RINGER'S
35250 ZINC OXIDE	60835 LOTRISONE
35260 ZINC SULFATE	60870 MARINOL
35295 ZINCATE	60920 MEXITIL
35341 ZOVIRAX	60990 NALBUPHINE HCL
35350 ZYLOPRIM	60995 NALOXONE HCL
35495 ANTIPYRETIC AGENT	61025 NICORETTE
35595 TRIMETHOPRIM/ SULFAMETHOXAZOLE	61035 NIX
40185 BAYER ASPIRIN	61045 NOVOLIN
40250 BUTALBITAL/ASPIRIN/CAFFEINE	61080 OMNIPAQUE
40285 CALTRATE	61095 OPHTHAINE
40455 CYCLOPENTOLATE	61140 PEDIAPRED
40520 DESYREL	61160 PEPCID
40540 DEXTROSE SODIUM CHLORIDE	61185 PIPERACILLIN
40550 DEXTROSE W/VITAMINS	61205 POVIDONE-IODINE
40555 DEXTROSE W/POTASSIUM CHL	61245 PROPRANOLOL HCL
40605 DIPHENOXY/ATROP	61295 ROCEPHIN
40610 DIPHENOXYLATE	61405 TAMBOCOR
41315 POLYETHYLENE GLYCOL	61440 TEMOVATE
41420 ROXANOL	61480 TOLNAFTATE
41780 ZANTAC	61565 VASOTEC
41820 GLYCERIN SUPPOSITORIES	61570 VERSED
41830 PSYLLIUM	61605 WELLBUTRIN
41855 NPH INSULIN	61625 TRIAMTERENE W/HCTZ

89010	BETAMETHASONE DIPROPIONATE	92003	ALTACE
89012	BROMFED-DM	92004	AMPICILLIN SODIUM
89013	BROMPHEN DX	92005	BENYLIN
89014	BUPIVACAINE W/EPINEPHRINE	92006	BIAXIN
89016	CHARCOAL, ACTIVATED W/ SORBITOL	92011	CALCIUM ANTACID
89018	CLINDAMYCIN HCL	92012	CARDURA
89019	CLONIDINE HCL	92015	CILOXAN
89020	CYCLOBENZAPRINE HCL	92016	CLOZARIL
89021	CYKLOKAPRON	92019	DEXTRAN
89035	FLUOCINONIDE	92020	DEXTROSE 5%-LACTATED RINGERS
89039	HYDROCODONE W/ACETAMINOPHEN	92023	DUPHALAC
89040	HYDROCORTISONE ACETATE	92024	DURAGESIC
89041	HYDROCORTISONE SOD SUCCINATE	92030	FLAREX
89042	HYDROXYPROGESTERONE CAPROATE	92031	FLOXIN
89045	LIDOCAINE HCL VISCOUS	92043	HYOSCYAMINE SULFATE
89048	MEPIVICAINE HCL	92051	LODINE
89049	METHYLPREDNISOLONE ACETATE	92063	NEOMYCIN/POLYMYXIN/DEXAMETH
89053	NITROFURANTOIN MACROCRYSTALS	92064	NITROGLYCERIN IN D5W
89061	POLYTRIM	92076	PRAVACHOL
89062	PRAZOSIN HCL	92087	STERILE WATER
89066	PRELONE	92100	ULTRAVATE
89067	PROCARDIA XL	92105	ZOFRAN
89068	PROCHLORPERAZINE EDISYLATE	92107	BENAZEPRIL
89069	PROCHLORPERAZINE MALEATE	92110	CEFIXIME
89076	SUPRAX	92111	CIPROFLOXACIN
91000	ALBUTEROL SULFATE	92115	CLOZAPINE
91009	BUTALBITAL/APAP/CAFFAINE	92116	DICLOFENAC
91015	DOXYCYCLINE HYCLATE	92120	DOXAZOSIN MESYLATE
91028	HALOPERIDOL LACTATE	92122	EPOETIN ALFA
91029	HYDROXYZINE HCL	92124	ETODOLAC
91039	NIFEDIPINE	92125	FELODIPINE
91043	PRILOSEC	92126	FLUTICASONE
91061	ACYCLOVIR	92129	GANCICLOVIR
91062	ALPRAZOLAM	92131	HEPATITIS B VACCINE
91063	ATENOLOL	92134	LEVONORGESTREL
91064	AZTREONAM	92135	MESALAMINE
91066	BUSPIRONE HCL	92137	METROGEL
91069	CEFTRIAZONE	92138	NADOLOL
91072	DILTIAZEM HCL	92140	OFLOXACIN
91074	ENALAPRIL	92141	ONDANSETRON
91079	FLUOXETINE	92146	PRAVASTAN
91081	GLIPIZIDE	92150	RAMIPRIL
91084	IPRATROPIUM BROMIDE	92153	TRANEXAMIC ACID
91085	KETOCONAZOLE	92154	ANAFRANIL
91088	LOVASTATIN	92156	DIFLUCAN
91089	METHIMAZOLE	92157	ELIMITE
91091	MISOPROSTOL	92161	TORADOL
91096	OMEPRAZOLE	92163	ZESTORETIC
91099	RANITIDINE	92164	LISINOPRIL
91102	TRETINOIN	92180	LORTAB
91103	IBU	93009	ALBUMIN
		93014	ALLERGY MEDICATION
		93022	ARTIFICIAL TEAR SOLUTION

93024 ASPERCREME	93309 BENZODIAZEPINES
93030 BLEPH-10	93312 KETOPROFEN
93035 CARBIDOPA	93325 EMLA
93036 CARDENE	93337 PROPOFOL
93048 DILACOR-XR	93345 DIPRIVAN
93057 ENULOSE	93347 AMBIEN
93062 FISH OIL	93348 PHOSLO
93065 GAS-X	93352 FAMOTIDINE
93090 MACROBID	93355 BUPROPION
93098 MONODOX	93371 MIDODRINE
93105 NICODERM	93386 GI COCKTAIL
93106 NICOTINE TRANDERMAL SYSTEM	93387 CEFOXITIN
93113 OCUVITE	93396 AMLODIPINE
93121 PERIDEX	93400 NEBULIZER
93127 PROSCAR	93404 SUCRALFATE
93131 REFRESH	93405 SANDOSTATIN
93136 RHOGAM	93424 FLUDROCORTISONE ACETATE
93143 SHUR-CLENS	93447 EMOLLIENT / LOTION / CREAM /MOISTURIZER
93156 TOPROL XL	93448 VECURONIUM
93166 VANTIN	93449 RABIES IMMUNE GLOBULIN
93179 ZITHROMAX	93451 CLOMIPRAMINE
93181 ZOCOR	94001 SOTALOL
93183 ZOLOFT	94004 PAROXETINE
93185 ZOSTRIX	94005 TUBERCULIN MEDICATION
93186 ANTIHYPERTENSIVE AGENT	94007 ENEMA
93187 NORVASC	94011 CATAFLAM
93188 NALTREXONE	94014 VENLAFAXINE
93193 SERTRALINE	94016 ZIAC
93202 CYCLOSPORINE	94031 IMDUR
93203 LABETALOL	94035 ZOLPIDEM TARTRATE
93208 JEVITY	94048 METROGEL VAGINAL
93211 AMIODARONE	94061 ISOVEX
93212 PAXIL	94070 EFFEXOR
93213 GEMFIBROZIL	94072 NSAID
93214 AZITHROMYCIN	94074 PULMOZYME
93215 FLUCONAZOLE	94079 CORTICOSTEROID(S)
93220 KETOROLAC	94080 DESMOPRESSIN
93224 CLARITIN	94081 DIVALPROEX SODIUM
93231 IMITREX	94099 NEURONTIN
93237 SIMVASTATIN	94104 RISPERIDONE
93238 BETAPACE	94110 LOZENGES
93243 LAMISIL	94111 ASTHMANEFRIN
93248 SUMATRIPTAN	94114 GABAPENTIN
93249 VALPROATE	94116 HUMULIN R
93256 PNEUMOCOCCAL VACCINE	94117 LOVENOX
93257 LORATADINE	94124 CHOLESTYRAMINE
93262 MIDAZOLAM HCL	94125 ALEVE
93304 NEPHRO-VITE	94126 DEMADEX
93305 GLYBURIDE	94133 TERAZOSIN
93306 ADENOCARD	94134 DESONIDE
93308 DAKIN'S SOLUTION	

94139	CEFPODOXIME	96007	CETIRIZINE
94146	PENICILLIN G BENZATHINE	96009	BENZOCAINE
94158	RISPERDAL	96022	ZYRTEC
94174	RHINOCORT	96024	CLOBETASOL
94179	NABUMETONE	96027	DOCUSATE SODIUM
94188	FENTANYL	96028	ACETAMINOPHEN-HYDROCODONE
94189	FLUMAZENIL	96031	DRONABINOL
94190	MG	96038	MUPIROCIN
94191	MONISTAT	96041	TRAMADOL
94196	OCTREOTIDE	96043	VALTRES
95005	FLONASE	96045	DEMEROL
95016	ADDERALL	96050	HOMEOPATHICS
95017	FAMVIR	96059	PRENAVITE
95020	NICARDIPINE	96072	TIAZAC
95022	FEVERALL	96087	VIBRA-TABS
95030	DEXTROSE/SODIUM CHLORIDE/0.9 NS	96091	FLOVENT
95032	NITRATES	96093	RITONAVIR
95036	BUPRENORPHINE	96094	ACARBOSE
95042	NOREPINEPHRINE	96095	ETOMIDATE
95044	ROBITUSSIN W/ CODEINE	96107	BUMETANIDE
95045	TYLENOL PM	96122	REMERON
95046	AMYLASE	96123	ZEBETA
95050	ULTRAM	96125	MELATONIN
95052	OPTIRAY	96130	LANSOPRAZOLE
95057	DTAP	96133	ADAPALENE
95065	ZEMURON	96138	AMARYL
95072	BENZTROPINE	96147	CELLCEPT
95089	METAXALONE	96149	IMIPENEM-CILASTATIN SODIUM
95092	PRAVASTATIN	96154	SOMATROPIN
95097	CARDIOLITE	96157	AEROCHAMBER
95111	GLUCOPHAGE	96158	ALCLOMETASONE DIPROPIONATE
95112	HYPERTONIC SALINE	96167	XALATAN
95114	TRUSOPT	96169	ACIDOPHILUS
95116	CAPSAICIN	96173	ZYPREXA
95118	HEPATITIS A VACCINE	96174	ALLEGRA
95119	MULTIVITAMIN W/ IRON	97002	OLANZAPINE
95122	PREVACID	97005	CEREBYX
95133	METFORMIN	97011	MIGRAINE AGENT
95147	VAGINAL CREAM	97016	ARICEPT
95149	ZOSYN	97017	HUMALOG
95152	COZAAR	97020	LIPITOR
95157	COLESTIPOL	97028	ALPHAGAN
95164	DORZOLAMIDE	97036	DIOVAN
95171	HYZAAR	97037	PATANOL
95174	PROGRAF	97045	LEVAQUIN
95177	FINASTERIDE	97047	MAGNESIUM
95180	GLUCERNA	97049	TOPAMAX
95181	LAMICTAL	97050	VISIPAQUE
95183	FOSAMAX	97056	MIRTAZAPINE
95186	ESMOLOL	97059	TROGLITAZONE
96003	PERMETHRIN	97060	FAMCICLOVIR
96005	ALENDRONATE SODIUM	97073	LOSARTAN
		97084	ROCURONIUM

97085	TORSEMIDE	98141	VALSARTAN
97089	GUANFACINE	98143	COPAXONE
97098	PRAMIPEXOLE	98156	MAXALT
97099	GENERAL ANESTHESIC	98158	TRICOR
97105	COMBIVENT	98160	ARAVA
97109	RE VIA	99001	CEFEPIME
97113	ZANAFLEX	99002	CELEBREX
97126	FLOMAX	99005	REMICADE
97130	TACROLIMUS	99008	ALLEGRA D
97132	MAXIPIME	99014	OMNICEF
97135	VALACYCLOVIR	99015	ORTHO-NOVUM 7/7/7
97136	LAMOTRIGINE	99026	GLUCOSAMINE
97142	COREG	99033	CLOPIDOGREL
97145	AVAPRO	99036	GLUCOSAMINE CHONDROITIN
97146	ESTRING	99039	LOTENSIN HCT
97150	REQUIP	99042	PACERONE
97151	CHONDROITIN SULFATE	99043	PROAMATINE
97152	MIRAPEX	99052	ACTIVATED CHARCOAL
97157	ATORVASTATIN	99056	GLIMEPIRIDE
97159	CALCITRIOL	99059	MICARDIS
97162	FOSPHENYTOIN	99074	CITALOPRAM
97163	LEVOFLOXACIN	99075	ENBREL
97168	SEROQUEL	99080	MIRALAX
97170	CENTRUM SILVER	99081	MULTIVITAMINS W/ FOLIC ACID
98001	MAG-OX	99090	ACTOS
98008	CARVEDILOL	99098	NITROQUICK
98010	NASONEX	99099	PLETAL
98011	CONSTULOSE	99101	QUETIAPINE FUMARATE
98025	MONUROL	99106	XOPENEX
98036	NORCO	99107	ZADITOR
98038	SINGULAIR	99109	BUFFERED LIDOCAINE
98041	VIAGRA	99112	D-5-W
98046	MICROZIDE	99114	ENDOCET
98049	DONEPEZIL HCL	99123	MORPHINE SULFATE
98065	DETROL	99125	NITRODRIP
98071	THERAFLU	99127	LIDOCAINE/EPINEPHRINE/ TETRACAINE
98075	CALCIUM CITRATE	99128	LIPASE
98083	AZOPT	99132	EVISTA
98086	PLAVIX	99133	ALBUTEROL
98089	TERBINAFINE	99139	MAGIC MOUTHWASH
98093	MONTELUKAST	99142	PRENATAL VITAMINS W/ IRON
98098	COSOPT	99144	RACEMIC EPINEPHRINE
98099	GINKGO	99161	ROPINIROLE HCL
98109	CHLORHEXIDINE GLUCONATE	99174	PHOSPHORUS
98114	CARBATROL	99187	ACTICIN
98115	CELEXA	99189	CALCIUM W/ VITAMIN D
98117	FENOFIBRATE	99194	ABACAVIR SULFATE
98131	TOPIRAMATE	99196	CISATRACURIUM BESYLATE
98132	OXALIPLATIN	99201	ORTHO-CYCLEN
98136	PROMETRIUM	99202	PRENATAL VITAMINS W/ CALCIUM
98139	TIZANIDINE		

99213 DIASTAT
99214 DIOVAN HCT
99216 FEXOFENADINE

99219 GINKGO BILOBA
99224 OMEGA-3
99225 RALOXIFENE

C. MULTUM LEXICON END-USER LICENSE AGREEMENT

The Multum Lexicon End-User License Agreement for the 2021 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](#).

D. MULTUM CLASSIFICATION OF THERAPEUTIC CLASSES (DRUG CATEGORIES)

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

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

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

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

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

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

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

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

LEVEL 1		LEVEL 2		LEVEL 3	
CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME
057	Central nervous system agents	073	Muscle relaxants	074	Neuromuscular blocking agents
057	Central nervous system agents	073	Muscle relaxants	178	Skeletal muscle relaxants
057	Central nervous system agents	073	Muscle relaxants	179	Skeletal muscle relaxant combinations
057	Central nervous system agents	080	Miscellaneous central nervous system agents		
057	Central nervous system agents	253	Anorexiant		
057	Central nervous system agents	312	Cholinergic agonists		
057	Central nervous system agents	313	Cholinesterase inhibitors		
057	Central nervous system agents	378	Drugs used in alcohol dependence		
057	Central nervous system agents	496	VMAT2 inhibitors		
057	Central nervous system agents	516	Adrenergic uptake inhibitors for ADHD		
081	Coagulation modifiers	082	Anticoagulants	261	Heparins
081	Coagulation modifiers	082	Anticoagulants	262	Coumarins and 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		

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

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

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

LEVEL 1		LEVEL 2		LEVEL 3	
CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME
105	Miscellaneous agents	110	Miscellaneous uncategorized agents		
105	Miscellaneous agents	111	Psoralens		
105	Miscellaneous agents	114	Illicit (street) drugs		
105	Miscellaneous agents	192	Antirheumatics		
105	Miscellaneous agents	270	Antipsoriatics		
105	Miscellaneous agents	284	Viscosupplementation agents		
105	Miscellaneous agents	320	Smoking cessation agents		
105	Miscellaneous agents	460	Phosphate binders		
105	Miscellaneous agents	491	Local injectable anesthetics with corticosteroids		
105	Miscellaneous agents	497	Cation exchange resins		
105	Miscellaneous agents	515	Peripheral opioid receptor agonists		
113	Genitourinary tract agents	263	Impotence agents		
113	Genitourinary tract agents	264	Urinary antispasmodics		
113	Genitourinary tract agents	265	Urinary pH modifiers		
113	Genitourinary tract agents	266	Miscellaneous genitourinary tract agents		
113	Genitourinary tract agents	412	Uterotonic agents		
113	Genitourinary tract agents	427	Tocolytic agents		
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

LEVEL 1		LEVEL 2		LEVEL 3	
CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME
122	Respiratory agents	125	Bronchodilators	180	Adrenergic bronchodilators
122	Respiratory agents	125	Bronchodilators	181	Bronchodilator combinations
122	Respiratory agents	125	Bronchodilators	299	Anticholinergic bronchodilators
122	Respiratory agents	127	Decongestants		
122	Respiratory agents	128	Expectorants		
122	Respiratory agents	129	Miscellaneous respiratory agents		
122	Respiratory agents	130	Respiratory inhalant products	296	Inhaled corticosteroids
122	Respiratory agents	130	Respiratory inhalant products	297	Mucolytics
122	Respiratory agents	130	Respiratory inhalant products	298	Mast cell stabilizers
122	Respiratory agents	130	Respiratory inhalant products	407	Inhaled anti-infectives
122	Respiratory agents	131	Antiasthmatic combinations		
122	Respiratory agents	132	Upper respiratory combinations		
122	Respiratory agents	243	Leukotriene modifiers		
122	Respiratory agents	273	Lung surfactants		
122	Respiratory agents	435	Selective phosphodiesterase-4 inhibitors		
133	Topical agents	134	Anorectal preparations		
133	Topical agents	135	Antiseptic and germicides		
133	Topical agents	136	Dermatological agents	137	Topical anti-infectives
133	Topical agents	136	Dermatological agents	138	Topical steroids
133	Topical agents	136	Dermatological agents	139	Topical anesthetics
133	Topical agents	136	Dermatological agents	140	Miscellaneous topical agents
133	Topical agents	136	Dermatological agents	141	Topical steroids with anti-infectives
133	Topical agents	136	Dermatological agents	143	Topical acne agents
133	Topical agents	136	Dermatological agents	144	Topical antipsoriatics
133	Topical agents	136	Dermatological agents	248	Topical emollients

LEVEL 1		LEVEL 2		LEVEL 3	
CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME
133	Topical agents	136	Dermatological agents	290	Topical antibiotics
133	Topical agents	136	Dermatological agents	291	Topical antivirals
133	Topical agents	136	Dermatological agents	292	Topical antifungals
133	Topical agents	136	Dermatological agents	380	Topical debriding agents
133	Topical agents	136	Dermatological agents	381	Topical depigmenting agents
133	Topical agents	136	Dermatological agents	382	Topical antihistamines
133	Topical agents	136	Dermatological agents	394	Topical astringents
133	Topical agents	136	Dermatological agents	395	Topical keratolytics
133	Topical agents	136	Dermatological agents	448	Topical non-steroidal anti-inflammatories
133	Topical agents	136	Dermatological agents	450	Topical antineoplastics
133	Topical agents	136	Dermatological agents	451	Topical photochemotherapeutics
133	Topical agents	136	Dermatological agents	453	Topical rubefacient
133	Topical agents	136	Dermatological agents	461	Topical anti-rosacea agents
133	Topical agents	146	Mouth and throat products		
133	Topical agents	147	Ophthalmic preparations	163	Ophthalmic anti-infectives
133	Topical agents	147	Ophthalmic preparations	164	Ophthalmic glaucoma agents
133	Topical agents	147	Ophthalmic preparations	165	Ophthalmic steroids
133	Topical agents	147	Ophthalmic preparations	166	Ophthalmic steroids with anti-infectives
133	Topical agents	147	Ophthalmic preparations	167	Ophthalmic anti-inflammatory agents
133	Topical agents	147	Ophthalmic preparations	168	Ophthalmic lubricants and irrigations
133	Topical agents	147	Ophthalmic preparations	169	Miscellaneous ophthalmic agents
133	Topical agents	147	Ophthalmic preparations	267	Ophthalmic antihistamines and decongestants
133	Topical agents	147	Ophthalmic preparations	286	Mydriatics
133	Topical agents	147	Ophthalmic preparations	287	Ophthalmic anesthetics
133	Topical agents	147	Ophthalmic preparations	321	Ophthalmic diagnostic agents

LEVEL 1		LEVEL 2		LEVEL 3	
CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME
133	Topical agents	147	Ophthalmic preparations	322	Ophthalmic surgical agents
133	Topical agents	147	Ophthalmic preparations	353	Anti-angiogenic ophthalmic agents
133	Topical agents	148	Otic preparations	170	Otic anti-infectives
133	Topical agents	148	Otic preparations	171	Otic steroids with anti-infectives
133	Topical agents	148	Otic preparations	172	Miscellaneous otic agents
133	Topical agents	148	Otic preparations	370	Otic steroids
133	Topical agents	148	Otic preparations	392	Otic anesthetics
133	Topical agents	148	Otic preparations	393	Cerumenolytics
133	Topical agents	150	Sterile irrigating solutions		
133	Topical agents	151	Vaginal preparations	149	Spermicides
133	Topical agents	151	Vaginal preparations	268	Vaginal anti-infectives
133	Topical agents	151	Vaginal preparations	269	Miscellaneous vaginal agents
133	Topical agents	247	Nasal preparations	244	Nasal lubricants and irrigations
133	Topical agents	247	Nasal preparations	245	Nasal steroids
133	Topical agents	247	Nasal preparations	246	Nasal antihistamines and decongestants
133	Topical agents	247	Nasal preparations	344	Nasal anti-infectives
133	Topical agents	506	Topical allergy diagnostic agents		
153	Plasma expanders				
218	Alternative medicines	219	Nutraceutical products		
218	Alternative medicines	220	Herbal products		
218	Alternative medicines	363	Probiotics		
242	Psychotherapeutic agents	079	Psychotherapeutic combinations		
242	Psychotherapeutic agents	249	Antidepressants	076	Miscellaneous antidepressants
242	Psychotherapeutic agents	249	Antidepressants	208	SSRI antidepressants
242	Psychotherapeutic agents	249	Antidepressants	209	Tricyclic antidepressants

LEVEL 1		LEVEL 2		LEVEL 3	
CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME
242	Psychotherapeutic agents	249	Antidepressants	250	Monoamine oxidase inhibitors
242	Psychotherapeutic agents	249	Antidepressants	306	Phenylpiperazine antidepressants
242	Psychotherapeutic agents	249	Antidepressants	307	Tetracyclic antidepressants
242	Psychotherapeutic agents	249	Antidepressants	308	SSNRI antidepressants
242	Psychotherapeutic agents	251	Antipsychotics	077	Miscellaneous antipsychotic agents
242	Psychotherapeutic agents	251	Antipsychotics	210	Phenothiazine antipsychotics
242	Psychotherapeutic agents	251	Antipsychotics	280	Thioxanthenes
242	Psychotherapeutic agents	251	Antipsychotics	341	Atypical antipsychotics
242	Psychotherapeutic agents	504	Antimanic agents		
254	Immunologic agents	033	Immune globulins		
254	Immunologic agents	104	Immunosuppressive agents	441	Calcineurin inhibitors
254	Immunologic agents	104	Immunosuppressive agents	442	TNF alpha inhibitors
254	Immunologic agents	104	Immunosuppressive agents	443	Interleukin inhibitors
254	Immunologic agents	104	Immunosuppressive agents	444	Selective immunosuppressants
254	Immunologic agents	104	Immunosuppressive agents	445	Other immunosuppressants
254	Immunologic agents	437	Immunostimulants	031	Bacterial vaccines
254	Immunologic agents	437	Immunostimulants	032	Colony stimulating factors
254	Immunologic agents	437	Immunostimulants	038	Viral vaccines
254	Immunologic agents	437	Immunostimulants	256	Interferons
254	Immunologic agents	437	Immunostimulants	432	Vaccine combinations
254	Immunologic agents	437	Immunostimulants	438	Interleukins
254	Immunologic agents	437	Immunostimulants	439	Other immunostimulants
254	Immunologic agents	437	Immunostimulants	440	Therapeutic vaccines
331	Radiologic agents	027	Radiopharmaceuticals	338	Diagnostic radiopharmaceuticals
331	Radiologic agents	027	Radiopharmaceuticals	339	Therapeutic radiopharmaceuticals
331	Radiologic agents	112	Radiocontrast agents	333	Miscellaneous iodinated contrast media

LEVEL 1		LEVEL 2		LEVEL 3	
CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME
331	Radiologic agents	112	Radiocontrast agents	334	Lymphatic staining agents
331	Radiologic agents	112	Radiocontrast agents	335	Magnetic resonance imaging contrast media
331	Radiologic agents	112	Radiocontrast agents	336	Non-iodinated contrast media
331	Radiologic agents	112	Radiocontrast agents	337	Ultrasound contrast media
331	Radiologic agents	112	Radiocontrast agents	368	Non-ionic iodinated contrast media
331	Radiologic agents	112	Radiocontrast agents	369	Ionic iodinated contrast media
331	Radiologic agents	112	Radiocontrast agents	464	Miscellaneous diagnostic dyes
331	Radiologic agents	332	Radiologic adjuncts	374	Cardiac stressing agents
331	Radiologic agents	332	Radiologic adjuncts	376	Radiologic conjugating agents
358	Metabolic agents	019	Antihyperlipidemic agents	173	HMG-CoA reductase inhibitors (statins)
358	Metabolic agents	019	Antihyperlipidemic agents	174	Miscellaneous antihyperlipidemic agents
358	Metabolic agents	019	Antihyperlipidemic agents	241	Fibric acid derivatives
358	Metabolic agents	019	Antihyperlipidemic agents	252	Bile acid sequestrants
358	Metabolic agents	019	Antihyperlipidemic agents	316	Cholesterol absorption inhibitors
358	Metabolic agents	019	Antihyperlipidemic agents	317	Antihyperlipidemic combinations
358	Metabolic agents	019	Antihyperlipidemic agents	484	PCSK9 inhibitors
358	Metabolic agents	099	Antidiabetic agents	213	Sulfonylureas
358	Metabolic agents	099	Antidiabetic agents	214	Biguanides
358	Metabolic agents	099	Antidiabetic agents	215	Insulin
358	Metabolic agents	099	Antidiabetic agents	216	Alpha-glucosidase inhibitors
358	Metabolic agents	099	Antidiabetic agents	271	Thiazolidinediones
358	Metabolic agents	099	Antidiabetic agents	282	Meglitinides
358	Metabolic agents	099	Antidiabetic agents	309	Miscellaneous antidiabetic agents
358	Metabolic agents	099	Antidiabetic agents	314	Antidiabetic combinations

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