

ABSTRACT

This material provides documentation for users of the Emergency Department public use micro-data file of the 2020 National Hospital Ambulatory Medical Care Survey (NHAMCS). The 2020 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 2020

The 2020 NHAMCS Emergency Department (ED) micro-data file is nearly identical to the 2019 file. One change is described below:

A. Survey Items

1. New Item on the Public Use Data File

There were no substantive changes to the survey instrument in 2020. A specific COVID-19 item was not able to be added to the survey instrument because of timing and other constraints. But it was recognized that there was researcher interest in how COVID-19 may have impacted emergency departments during 2020.

As a result, NCHS staff reviewed all of the verbatim notes included by Census data abstractors in the survey instrument for various items such as diagnostic and screening services, as well as the medication code entries, in order to find mentions of COVID-19. This information was used to create a new checkbox item called COVID_VALIDATION with categories of -7 = Not applicable, no mention of COVID in the verbatim notes; 1 = COVID Test; 2 = COVID Screening; and 3 = COVID mention with no reference to COVID test or screening. This variable has been included on the public use data file. The 2020 public use file also includes new codes for COVID-19 in the reason for visit and diagnosis sections of the data, which are independent of the COVID_VALIDATION item.

Because it was not asked as a specific question in the survey, but rather created during data processing, the COVID_VALIDATION estimates may reflect some response bias. Census staff were not asked to provide specific verbatim notes about COVID-19 when they abstracted the data, so responses depended on how likely the abstractor was to record this additional information and how it was recorded. For 2021, COVID questions were added to the survey instrument.

2. Deleted items

None.

B. Effect of COVID-19 on Data Collection

Because of the COVID-19 pandemic, data collection procedures for the National Health Care Surveys, including NHAMCS, were adapted to ensure data collection continued. These changes are described here: <https://pubmed.ncbi.nlm.nih.gov/34878878/>.

C. Data Collection and Comparability of 2020 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 2020, 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 2019 and 2020 data.

To accomplish this, estimates from more than 20 tables of 2020 estimates were compared with the same tables of 2019 estimates. These followed the format of the annual web tables (available from: https://www.cdc.gov/nchs/ahcd/ahcd_products.htm). The total estimated number of ED visits decreased between 2019 and 2020, but this was not a statistically significant decrease. Some statistically significant differences were noted, including decreases in both the number and percent distribution of visits by children under 15 years of age. Decreases in the percent of visits between 2019 and 2020 were noted among both male and female children, as well as white and black children under 15 years.

Because the overall emergency service area (ESA) response rate was only 36.8 (see page 9), additional research was conducted on possible nonresponse bias in the data that might affect the survey estimates. Known data from the sampling frame regarding the hospital's region and metropolitan statistical area (MSA) status, along with several other frame variables, were assessed by comparing estimates for in-scope hospitals produced using a calibrated sampling weight against estimates for hospitals produced using the final emergency department weight (EDWT). Also, ESA response within hospitals was analyzed by region, MSA and other variables. The results suggest that hospitals located in non-MSA areas (rural areas) are 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. Some nonresponse bias was found but was less than expected. Nonresponse adjustments were made, 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, seasonal adjustments for nonresponse could not be made. As a result, it is recommended that the month of visit (VMONTH) variable be used with caution and that seasonal estimates should not be made.

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

NCHS staff will continue to monitor these and other changes with regard to 2020 data and beyond in an effort to better assess how much may be attributed to data collection and processing vs. real-world treatment patterns.

D. 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 2020, 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 2020 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 2020, there were 14,860 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. The National Center for Health Statistics considers an estimated number of visits or a visit rate to be reliable if it has a relative standard error of 30 percent or less (i.e., the standard error is no more than 30 percent of the estimate) and it is based on at least 30 sample records. In 2017, NCHS released new [guidelines](#) for determining the reliability of proportions. These standards are based on a minimum denominator sample size and on the absolute and relative widths of a confidence interval calculated using the Clopper-Pearson method. Additional information about relative standard errors is presented in Appendix I. If you have questions, do not hesitate to consult the staff of the Ambulatory and Hospital Care Statistics Branch.

B. SAMPLE DESIGN

The 2020 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 2020, 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 2020 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 2020 NHAMCS included a sample of 484 hospitals. Of the sampled hospitals, 98 were found to be ineligible due to closing or other reasons. Of the 386 hospitals that were in scope (eligible) for the survey, 294 responded (i.e., reported their total numbers of emergency services areas and visits), for an unweighted hospital response rate of 76.2 percent (76.1 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 484 hospitals was selected for the 2020 NHAMCS, of which 386 were in scope and had eligible EDs. Of these, 294 responded, yielding an unweighted ED response rate of 76.2 (76.1 percent weighted). A total of 422 ESAs were identified from the respondent EDs. Of these, 204 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 22 responded minimally (i.e. they provided fewer than half of their expected forms). The resulting unweighted ESA sample response rate was 48.3 (46.2 percent weighted), and the overall unweighted ESA response rate (ED rate times ESA rate) was 36.8 percent (35.1 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 2020, electronic PRFs were completed for 14,860 ED visits.

C. DATA COLLECTION PROCEDURES

1. Field Training

The U.S. Census Bureau was the data collection agent for the 2020 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 2020, 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/2020-NHAMCS-ED-PRF-sample-card-508.pdf>

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

The 2020 NHAMCS did not include any separate data supplements.

E. CONFIDENTIALITY

In April 2003, the Privacy Rule of the Health Insurance Portability and Accountability Act (HIPAA) was implemented to establish minimum Federal standards for safeguarding the privacy of individually identifiable health information. No personally identifying information, such as patient's name or address or Social Security number, is collected in NHAMCS. Data collection is authorized by Section 306 of the Public Health Service Act (Title 42, U.S. Code, 242k). All information collected is held in the strictest confidence according to law [Section 308(d) of the Public Health Service Act (42, U.S. Code, 242m(d))] and the Confidential Information Protection and Statistical Efficiency Act (Title 5 of PL 107-347). The NHAMCS protocol has been approved by the NCHS Research Ethics Review Board annually since February 2003. Waivers of the requirements to obtain informed consent of patients and patient authorization for release of patient medical record data by health care providers have been granted.

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

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

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

F. DATA PROCESSING

1. Edits

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

2. Quality control

All RTI International medical coding and keying operations were subject to quality control procedures. The contractor selected a 10.4 percent sample of records which were independently recoded and compared. Differences were adjudicated by RTI with error rates reported to NCHS. The overall error rate was 1.8 percent, which varied by item between 0.1 percent and 3.3 percent for the ED sample.

3. Adjustment for item nonresponse

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

VARIABLE	VARIABLE DESCRIPTION	DENOMINATOR	NONRESPONSE %
WAITTIME	Wait time to first provider (Physician/APRN/PA) contact, in minutes	All visits where first provider (Physician/APRN/PA) contact was made	10.5
RACEUN	Unimputed race	All visits	15.3
ETHUN	Unimputed ethnicity	All visits	11.8
AMBTRANSFER	Was the patient transferred from another hospital or urgent care facility?	Visits where patient arrived by ambulance	16.7
PAYTYPER	Recoded primary expected source of payment for visit (based on hierarchy)	All visits	11.3

TEMPF	Initial vital signs: Temperature (Fahrenheit)	All visits	8.3
PULSE	Initial vital signs: Heart rate per minute	All visits	7.7
RESPR	Initial vital signs: Respiratory rate per minute	All visits	6.7
BPSYS	Initial vital signs: Blood pressure - Systolic	All visits	11.0
BPDIAS	Initial vital signs: Blood pressure - Diastolic	All visits	11.2
POPCT	Initial vital signs: Pulse oximetry (percent)	All visits	9.6
IMMEDR	Immediacy with which patient should be seen (unimputed)	All visits to ESAs that conduct nursing triage	31.6
PAINSCALE	Pain scale (0-10)	All visits	43.9
SEEN72	Was patient seen in this ED within the last 72 hours?	All visits	7.5
EPISODE	Episode of care	All visits	6.6
INJURY	Is visit related to an injury/trauma, overdose/poisoning, or adverse effect of medical/surgical treatment? - Recoded from INJPOISAD	All visits	5.9
INJPOISAD	Is visit related to an injury/trauma, overdose/poisoning, or adverse effect of medical/surgical treatment?	All visits	5.9
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	24.3
INTENT15	Is this injury/overdose/poisoning intentional?	Injury-, poisoning-, and adverse effects-related visits	7.8
INJURY_ENC	Type of encounter for injury visits	Injury-, poisoning-, and adverse effects-related visits	12.4

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	10.1
MRICONTRAST	Was MRI ordered/provided with intravenous (IV) contrast (also written as with gadolinium or with gado)?	All visits where MRI was ordered or provided	23.0
TOTPROC	Total number of procedures provided	All visits	5.2
TEMPDF	Vitals after triage: Temperature in Fahrenheit	All visits where vitals were taken at discharge	38.9
PULSED	Vitals after triage: Heart rate (beats per minute)	All visits where vitals were taken at discharge	6.6
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	7.2
LOV	Length of ED visit	All visits	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	21.4
ADMIT	Admitted to:	Visits that resulted in hospital admission	11.0
LOS	Length of stay in hospital	Visits that resulted in hospital admission	8.9
HDDIAG1	Hospital discharge diagnosis #1	Visits that resulted in hospital admission	7.7
HHSMUE	Does your current system meet meaningful use criteria as defined by the Department of Health and Human Services?	All visits where hospitals reported that an EMR/EHR system was used (EMRED=1,2)	5.8

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	15.4
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	7.5
OBSCLIN	Does your ED have an observation or clinical decision unit?	All visits	7.7
BOARD	Are admitted ED patients ever "boarded" for > 2 hours in the ED or obs unit while waiting for an inpatient bed?	All visits	6.6
BOARDHOS	Does your hospital allow some admitted patients to move from the ED to inpatient corridors while awaiting in a ed ('boarding')?	All visits	10.7
AMBDIV	Did your ED go on ambulance diversion in 2019?	All visits	10.5
TOTHRDIVR	What is the total number of hours that your hospital's ED was on ambulance diversion in 2019?	All visits to EDs that went on ambulance diversion	32.9
ADMDIV	Does your hospital continue to admit elective or schedule surgery cases when ED is on ambulance diversion?	All visits to EDs that went on ambulance diversion	7.4
INCSHX	In the last two years, did your ED increase the number of standard treatment spaces?	All visits	5.7
INCPHYS	In the last two years, did your ED's physical space expand?	All visits	5.2
EXPSPACE	Do you have plans to expand your ED's physical space within the next two years?	All visits	16.2
CATRIAGE	Does your ED use computer-assisted triage?	All visits	6.4
IMBED	Does your ED use immediate bedding?	All visits	5.9

ADVTRIAG	Does your ED use advanced triage (triage-based care) protocols?	All visits	10.5
PHYSPRACTRIA	Does your ED use physician/practitioner at triage?	All visits	6.1
EDPTOR	Does your ED use separate operating rooms dedicated to ED patients?	All visits	8.7
DASHBORD	Does your ED use electronic dashboard?	All visits	6.0
RFID	Does your ED use radio frequency identification (RFID) tracking?	All visits	11.4
WIRELESS	Does ED use wireless communication devices by providers?	All visits	5.4
ZONENURS	Does your ED use zone nursing?	All visits	7.6
POOLNURS	Does your ED use pool nurses?	All visits	5.8
SURGDAY	How many days in a week are inpatient elective surgeries scheduled?	All visits	11.8
BEDCZAR	Does your hospital have a bed coordinator, sometimes known as a bed czar?	All visits	11.8
BEDDATA	How often are hospital bed census data available?	All visits	9.2
HLIST	Does your hospital have hospitalists on staff?	All visits	6.1
EMEDRES	Does hospital have an Emergency Medicine residency program?	All visits	8.7
BOARDED	Time from hospital admit order to time actually left ED	Visits that resulted in hospital admission	23.9

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

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

On the ED file, four items were imputed: age (0.03%), sex (0.9%), race (15.3%), and ethnicity (11.8%). 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
- ZZZ1 = Left before being seen, walked out, eloped, left against medical advice
- ZZZ2 = Discharge dispositions entered such as "return to nursing home", "transfer to nursing home", "transfer to psychiatric hospital", "transfer to other hospital", sent to see specialist, referred
- ZZZ3 = Insurance/HMO will not authorize treatment
- ZZZ4 = Entry of "none," "no diagnosis," "no disease," "healthy" as the ONLY entry in the diagnosis item
- ZZZ5 = Entry of "NA", "Not Available", "Not Applicable" or "Blank".
- 9 = Field is blank (in contrast to an actual entry of "Blank")

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

4. Medications & Immunizations

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

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

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

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

a. Generic drug code: Drugs are coded in terms of their generic components and therapeutic classifications using Lexicon Plus[®], a proprietary database of Cerner Multum, Inc. The Lexicon Plus is a comprehensive database of all prescription and some nonprescription drug products available in the U.S. drug market.

In accordance with the license agreement, NCHS publications, tabulations, and software applications should cite the Multum Lexicon as the source and basis for the coding and classification of NHAMCS drug data. For additional information on the Multum Lexicon Drug Database, please refer to the following Web site: http://www.cerner.com/cerner_multum/

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

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

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

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 (DRUG_INGREDIENTS_2019) can be matched to the main file using the DRUGID code. For each DRUGID on the main file, the supplemental file contains up to 5 ingredients and up to 3 therapeutic category codes for each ingredient. Prior to 2006, codes used to identify the active generic ingredients of combination drugs were included on the public use file.

NOTE: For 2020, we have continued to update and revise the drug characteristics in our ambulatory care drug database, which underwent substantial revision beginning in 2002. From 2002-2005, each drug entry had up to three therapeutic classes associated with it, compared with a single therapeutic class in prior years. These factors made trend analyses more problematic, and the solution was to provide researchers with a Drug Characteristics file, which was updated annually, at our Ambulatory Health Care Data website. The characteristics from this file can be applied by matching on drug codes to previous years of data in order to get the most accurate results when doing trend analyses prior to 2006. A SAS program for applying drug characteristics from the Drug Characteristics file to previous years of public use data is also available for downloading.

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

The mapping file has been updated over the years and can be downloaded at ftp.cdc.gov - /pub/Health_Statistics/NCHS/Dataset_Documentation/NHAMCS/drugs/. Note, however, that the most recent version is for 2013; resource issues have prevented us from updating it since that time.

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

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

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

3. Ratio adjustments

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

I. PATIENT VISIT WEIGHT

The "patient visit weight" is a vital component in the process of producing estimates from sample data and its use should be clearly understood by all data file users. The statistics contained on the micro-data file reflect only a sample of patient visits-- not a complete count of all such visits that occurred in the United States. Each record on the ED file represents one visit in the sample of 14,860 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 14,860 sample visit records for 2020, the user can obtain the estimated total of 131,296,604 ED visits made in the United States.

IMPORTANT: Estimates for classes of ED visits other than the total produced from the 2020 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, 2020 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 2020 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 2020 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 2020 population estimates indicate that 2.9 percent of the total population identify themselves as being of multiple races. In contrast, multiple race patients account for 0.7 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 2020 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, 2020

Race and sex	All ages	Under 1	1-4	5-14	15-24	25-34
All Races	324,488,250	3,733,226	15,562,609	40,953,324	41,595,465	44,885,895
Male	158,700,498	1,907,268	7,951,166	20,916,061	20,913,497	22,415,053
Female	165,787,752	1,825,958	7,611,443	20,037,263	20,681,968	22,470,842
White Only	246,882,792	2,596,352	10,856,336	29,216,066	30,512,105	32,761,370
Male	121,772,751	1,327,377	5,554,867	14,950,571	15,429,280	16,536,982
Female	125,110,041	1,268,975	5,301,469	14,265,495	15,082,825	16,224,388
Black Only	43,209,636	590,520	2,427,361	6,240,092	6,104,125	6,723,819
Male	20,251,061	300,240	1,227,740	3,159,682	2,988,108	3,219,072
Female	22,958,575	290,280	1,199,621	3,080,410	3,116,017	3,504,747
AIAN* Only	4,224,729	70,064	282,144	679,458	631,881	643,824
Male	2,104,935	35,755	143,896	345,588	316,659	326,764
Female	2,119,794	34,309	138,248	333,870	315,222	317,060
Asian Only	19,919,263	216,787	947,274	2,318,476	2,424,919	3,285,144
Male	9,503,493	111,284	488,104	1,186,370	1,212,189	1,609,512
Female	10,415,770	105,503	459,170	1,132,106	1,212,730	1,675,632
NHOPI* Only	822,793	13,787	57,089	130,291	113,231	132,969
Male	411,911	7,078	29,282	66,141	56,444	67,309
Female	410,882	6,709	27,807	64,150	56,787	65,660
MultipleRace	9,429,037	245,716	992,405	2,368,941	1,809,204	1,338,769
Male	4,656,347	125,534	507,277	1,207,709	910,817	655,414
Female	4,772,690	120,182	485,128	1,161,232	898,387	683,355

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

Geographic Region totals		Metropolitan Statistical Area totals	
Northeast	55,143,916	MSA	278,970,664
Midwest	67,358,751	Non-MSA	45,517,586
South	124,422,612		
West	77,562,971		

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, 2020 - con.

Race and sex	35-44	45-54	55-64	65-74	75+
All Races	41,346,923	39,865,075	42,154,926	32,328,059	22,062,748
Male	20,355,629	19,497,046	20,309,186	15,072,008	9,363,584
Female	20,991,294	20,368,029	21,845,740	17,256,051	12,699,164
White Only	31,010,490	30,709,598	33,741,448	26,758,493	18,720,534
Male	15,539,173	15,272,182	16,460,730	12,648,518	8,053,071
Female	15,471,317	15,437,416	17,280,718	14,109,975	10,667,463
Black Only	5,559,476	5,177,749	5,145,192	3,328,363	1,912,939
Male	2,542,708	2,348,181	2,334,723	1,423,040	707,567
Female	3,016,768	2,829,568	2,810,469	1,905,323	1,205,372
AIAN* Only	558,022	488,045	447,496	273,791	150,004
Male	283,419	244,139	216,409	128,199	64,107
Female	274,603	243,906	231,087	145,592	85,897
Asian Only	3,166,120	2,725,224	2,192,122	1,583,733	1,059,464
Male	1,486,769	1,269,263	1,000,219	694,271	445,512
Female	1,679,351	1,455,961	1,191,903	889,462	613,952
NHOPI* Only	124,057	96,249	80,498	48,245	26,377
Male	63,434	48,151	39,390	23,004	11,678
Female	60,623	48,098	41,108	25,241	14,699
MultipleRace	928,758	668,210	548,170	335,434	193,430
Male	440,126	315,130	257,715	154,976	81,649
Female	488,632	353,080	290,455	180,458	111,781

*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, 2020. 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, 2020 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, 2020

HISPANIC

Race and sex	All ages	Under 1	1-4	5-14	15-24	25-34
All Races	60,665,670	969,998	4,028,554	10,534,931	9,841,996	9,421,943
Male	30,376,266	494,572	2,050,863	5,366,397	4,967,771	4,829,683
Female	30,289,404	475,426	1,977,691	5,168,534	4,874,225	4,592,260
White Only	52,965,024	790,188	3,316,676	8,933,021	8,570,179	8,244,727
Male	26,538,071	402,791	1,688,256	4,551,643	4,324,253	4,234,114
Female	26,426,953	387,397	1,628,420	4,381,378	4,245,926	4,010,613
Black Only	3,063,133	68,276	269,542	613,100	490,760	480,622
Male	1,493,234	34,782	136,723	311,238	248,166	238,809
Female	1,569,899	33,494	132,819	301,862	242,594	241,813
AIAN* Only	1,846,087	41,956	162,485	339,132	288,306	281,963
Male	952,068	21,440	82,958	172,766	146,127	148,537
Female	894,019	20,516	79,527	166,366	142,179	133,426
Asian Only	639,687	15,174	60,493	126,524	100,009	96,859
Male	317,801	7,766	31,004	64,716	50,670	47,977
Female	321,886	7,408	29,489	61,808	49,339	48,882
NHOPI* Only	227,916	5,323	21,314	44,381	34,110	36,563
Male	116,942	2,731	10,873	22,352	17,225	19,491
Female	110,974	2,592	10,441	22,029	16,885	17,072
MultipleRaces	1,923,823	49,081	198,044	478,773	358,632	281,209
Male	958,150	25,062	101,049	243,682	181,330	140,755
Female	965,673	24,019	96,995	235,091	177,302	140,454

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, 2020 - con.

Race and sex	35-44	45-54	55-64	65-74	75+
All Races	8,616,326	7,188,533	5,233,348	2,964,825	1,865,216
Male	4,400,004	3,597,129	2,555,014	1,359,520	755,313
Female	4,216,322	3,591,404	2,678,334	1,605,305	1,109,903
White Only	7,591,508	6,429,260	4,691,755	2,683,542	1,714,168
Male	3,890,022	3,226,871	2,295,020	1,230,644	694,457
Female	3,701,486	3,202,389	2,396,735	1,452,898	1,019,711
Black Only	416,150	307,027	224,701	122,668	70,287
Male	196,255	141,377	103,628	54,607	27,649
Female	219,895	165,650	121,073	68,061	42,638
AIAN* Only	262,112	210,977	149,818	73,453	35,885
Male	140,450	111,366	77,001	36,048	15,375
Female	121,662	99,611	72,817	37,405	20,510
Asian Only	86,472	67,679	47,502	25,183	13,792
Male	43,183	33,015	22,722	11,292	5,456
Female	43,289	34,664	24,780	13,891	8,336
NHOPI*	34,738	24,292	15,929	7,490	3,776
Male	18,883	12,454	7,896	3,508	1,529
Female	15,855	11,838	8,033	3,982	2,247
Multiple Races	225,346	149,298	103,643	52,489	27,308
Male	111,211	72,046	48,747	23,421	10,847
Female	114,135	77,252	54,896	29,068	16,461

*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, 2020. They were developed by the Population Division, U.S. Census Bureau using the July 1, 2020 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, 2020 – con.

NON-HISPANIC

Race and sex	All ages	Under 1	1-4	5-14	15-24	25-34
All Races	263,822,580	2,763,228	11,534,055	30,418,393	31,753,469	35,463,952
Male	128,324,232	1,412,696	5,900,303	15,549,664	15,945,726	17,585,370
Female	135,498,348	1,350,532	5,633,752	14,868,729	15,807,743	17,878,582
White Only	193,917,768	1,806,164	7,539,660	20,283,045	21,941,926	24,516,643
Male	95,234,680	924,586	3,866,611	10,398,928	11,105,027	12,302,868
Female	98,683,088	881,578	3,673,049	9,884,117	10,836,899	12,213,775
Black Only	40,146,503	522,244	2,157,819	5,626,992	5,613,365	6,243,197
Male	18,757,827	265,458	1,091,017	2,848,444	2,739,942	2,980,263
Female	21,388,676	256,786	1,066,802	2,778,548	2,873,423	3,262,934
AIAN* Only	2,378,642	28,108	119,659	340,326	343,575	361,861
Male	1,152,867	14,315	60,938	172,822	170,532	178,227
Female	1,225,775	13,793	58,721	167,504	173,043	183,634
Asian Only	19,279,576	201,613	886,781	2,191,952	2,324,910	3,188,285
Male	9,185,692	103,518	457,100	1,121,654	1,161,519	1,561,535
Female	10,093,884	98,095	429,681	1,070,298	1,163,391	1,626,750
NHOPI*	594,877	8,464	35,775	85,910	79,121	96,406
Male	294,969	4,347	18,409	43,789	39,219	47,818
Female	299,908	4,117	17,366	42,121	39,902	48,588
Multiple Races	7,505,214	196,635	794,361	1,890,168	1,450,572	1,057,560
Male	3,698,197	100,472	406,228	964,027	729,487	514,659
Female	3,807,017	96,163	388,133	926,141	721,085	542,901

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, 2020 - con.

NON-HISPANIC

Race and sex	35-44	45-54	55-64	65-74	75+
All Races	32,730,597	32,676,542	36,921,578	29,363,234	20,197,532
Male	15,955,625	15,899,917	17,754,172	13,712,488	8,608,271
Female	16,774,972	16,776,625	19,167,406	15,650,746	11,589,261
White Only	23,418,982	24,280,338	29,049,693	24,074,951	17,006,366
Male	11,649,151	12,045,311	14,165,710	11,417,874	7,358,614
Female	11,769,831	12,235,027	14,883,983	12,657,077	9,647,752
Black Only	5,143,326	4,870,722	4,920,491	3,205,695	1,842,652
Male	2,346,453	2,206,804	2,231,095	1,368,433	679,918
Female	2,796,873	2,663,918	2,689,396	1,837,262	1,162,734
AIAN* Only	295,910	277,068	297,678	200,338	114,119
Male	142,969	132,773	139,408	92,151	48,732
Female	152,941	144,295	158,270	108,187	65,387
Asian Only	3,079,648	2,657,545	2,144,620	1,558,550	1,045,672
Male	1,443,586	1,236,248	977,497	682,979	440,056
Female	1,636,062	1,421,297	1,167,123	875,571	605,616
NHOPI*	89,319	71,957	64,569	40,755	22,601
Male	44,551	35,697	31,494	19,496	10,149
Female	44,768	36,260	33,075	21,259	12,452
Multiple Races	703,412	518,912	444,527	282,945	166,122
Male	328,915	243,084	208,968	131,555	70,802
Female	374,497	275,828	235,559	151,390	95,320

*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, 2020. They were developed by the Population Division, U.S. Census Bureau using the July 1, 2020 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 = 14,860

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) 0-1415 (reported range in 2020)
5	4	12-15	[LOV] LENGTH OF VISIT (minutes) Calculated from date and time of ED arrival and discharge -9 = Blank 0-5703 (reported range)

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
6	3	16-18	[AGE] PATIENT AGE (IN YEARS; DERIVED FROM DATE OF VISIT AND DATE OF BIRTH) Note: Outlier values were top coded in accordance with NCHS confidentiality requirements. 0 = Under 1 year 1 - 94 95 = 95 years or older
7	1	19	[AGER] AGE RECODE 1 = Under 15 years 2 = 15-24 years 3 = 25-44 years 4 = 45-64 years 5 = 65-74 years 6 = 75 years and over
8	3	20-22	[AGEDAYS] AGE IN DAYS FOR PATIENTS LESS THAN ONE YEAR OF AGE -7 = Not applicable 001-364 = 001-364 days
9	2	23-24	[RESIDNCE] PATIENT RESIDENCE -9 = Blank -8 = Unknown 1 = Private residence 2 = Nursing home 3 = Homeless/homeless shelter 4 = Other
10	1	25	[SEX] SEX 1 = Female 2 = Male
11	2	26-27	[ETHUN] ETHNICITY (UNIMPUTED) This variable is NOT imputed. Ethnicity data were missing on 17.0 ED records. An imputed ethnicity variable can be found in column 28. -9= Blank 1 = Hispanic or Latino 2 = Not Hispanic or Latino
12	1	28	[ETHIM] ETHNICITY (WITH MISSING DATA IMPUTED) 1 = Hispanic or Latino 2 = Not Hispanic or Latino

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
13	2	29-30	[RACEUN] RACE (UNIMPUTED) This variable is NOT imputed. Race data were missing on 20.5 of ED records. An imputed race variable can be found in column 31. -9 = Blank 1 = White 2 = Black/African American 3 = Asian 4 = Native Hawaiian/Other Pacific Islander 5 = American Indian/Alaska Native 6 = More than one race reported
14	1	31	[RACER] RACE (WITH MISSING DATA IMPUTED) 1 = White 2 = Black 3 = Other
15	1	32	[RACERETH] RACE/ETHNICITY (WITH MISSING DATA IMPUTED) 1 = Non-Hispanic White 2 = Non-Hispanic Black 3 = Hispanic 4 = Non-Hispanic Other
16	2	33-34	[ARREMS] Arrival by ambulance -9 = Blank -8 = Unknown 1 = Yes 2 = No
17	2	35-36	[AMBTRANSFER] If "Yes" to Arrival by Ambulance, was the patient transferred from another hospital or urgent care facility? -9 = Blank -8 = Unknown -7 = Not applicable 1 = Yes 2 = No
18	1	37	[NOPAY] No answer to expected source of payment item 0 = At least one source of payment is recorded 1 = All sources of payments are blank
19	1	38	[PAYPRIV] EXPECTED SOURCE(S) OF PAYMENT FOR THIS VISIT: PRIVATE INSURANCE 0 = No 1 = Yes
20	1	39	[PAYMCARE] EXPECTED SOURCE(S) OF PAYMENT FOR THIS VISIT: MEDICARE 0 = No 1 = Yes

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

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
			INITIAL VITAL SIGNS
28	4	48-51	[TEMPF] TEMPERATURE. There is an implied decimal between the third and fourth digits. -9 = Blank 0856-1099 = 85.6 – 109.9 Fahrenheit (reported range)
29	3	52-54	[PULSE] HEART RATE -9 = Blank 0-229 (reported range) 998= Dopp, Doppler
30	3	55-57	[RESPR] RESPIRATORY RATE -9 = Blank 0-145 (reported range)
31	3	58-60	[BPSYS] SYSTOLIC BLOOD PRESSURE -9 = Blank 0, 61-263 (reported range)
32	3	61-63	[BPDIAS] DIASTOLIC BLOOD PRESSURE -9 = Blank 0, 21-190 (reported range) 998 = P, Palp, Dop, Doppler
33	3	64-66	[POPCT] PULSE OXIMETRY (percent) -9 = Blank 0-100 (reported range)
34	2	67-68	[IMMEDR] IMMEDIACY WITH WHICH PATIENT SHOULD BE SEEN (Based on PRF Item Triage Level)

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

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

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
35	2	69-70	[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 18 in Section I for explanation of codes.)
48	4	110-113	[CAUSE1] CAUSE #1 (ICD-10-CM, V-YCodes) External cause of injury codes are from the V, W, X, and Y chapters of ICD-10-CM. Only the first 4 digits of each code are provided. There is an implied decimal between the third and fourth digits. -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. -9 = Blank (no entry made) A000 – Z998 = A00.0-Z99.8 ZZZ0 = Non-codable, insufficient information for coding, illegible ZZZ1 = Left before being seen; patient walked out; "eloped", left against medical advice (AMA) ZZZ2 = Transferred to another facility; sent to see specialist (discharge order rather than diagnosis) ZZZ3 = Insurance/HMO will not authorize treatment ZZZ4 = Entry of "none," "no diagnosis," "no disease," or "healthy" (this is the only entry) ZZZ5 = Entry of "Not applicable", "Not Available", "NA" or "Blank"
52	4	126-129	[DIAG2] DIAGNOSIS # 2 (ICD-10-CM) There is an implied decimal between the third and fourth digits; for inapplicable or masked fourth digits, a dash is inserted. See DIAGNOSIS #1 for details.
53	4	130--133	[DIAG3] DIAGNOSIS # 3 (ICD-10-CM) There is an implied decimal between the third and fourth digits; for inapplicable fourth or fifth digits, a dash is inserted. See DIAGNOSIS #1 for details.
54	4	134-137	[DIAG4] DIAGNOSIS # 4 (ICD-10-CM) There is an implied decimal between the third and fourth digits; for inapplicable or masked fourth, a dash is inserted. See DIAGNOSIS #1 for details.

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

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
69	1	160	[CAD] Coronary artery disease (CAD), ischemic heart disease (IHD), or history of myocardial infarction (MI)
70	1	161	[DEPRN] Depression
71	1	162	[DIABTYP1] Diabetes mellitus (DM) – Type I
72	1	163	[DIABTYP2] Diabetes mellitus (DM) – Type II
73	1	164	[DIABTYP0] Diabetes mellitus (DM) – Type unspecified
74	1	165	[ESRD] End-stage renal disease (ESRD)
75	1	166	[HPE] History of pulmonary embolism (PE) or deep vein thrombosis (DVT), or venous thromboembolism (VTE)
76	1	167	[EDHIV] HIV infection/AIDS
77	1	168	[HYPLIPID] Hyperlipidemia
78	1	169	[HTN] Hypertension
79	1	170	[OBESITY] Obesity
80	1	171	[OSA] Obstructive sleep apnea (OSA)
81	1	172	[OSTPRIS] 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 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

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
97	1	189	[WOUNDCX] Culture, wound
98	1	190	[OTHXCX] 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
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

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
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	[ENDOINT] Endotracheal intubation
135	1	230	[INCDRAIN] Incision & drainage (I&D)
136	1	231	[IVFLUIDS] IV fluids
137	1	232	[LUMBAR] Lumbar puncture (LP)
138	1	233	[NEBUTHER] Nebulizer therapy
139	1	234	[PELVIC] Pelvic exam
140	1	235	[SKINADH] Skin adhesives
141	1	236	[SUTURE] Suturing/staples
142	1	237	[OTHPROC] Other procedure
143	2	238-239	[TOTPROC] TOTAL NUMBER OF PROCEDURES PROVIDED -9 = "None" box and all item fields are blank 0-6 (reported range) MEDICATIONS & IMMUNIZATIONS (See page 19 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

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

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
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
161	5	321-325	[MED17] MEDICATION #17 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry

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

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

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

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

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
209	4	459-462	[TEMPDF] Vitals taken after triage: Temperature in Fahrenheit -9= Blank 813-1099 = 81.3 - 109.9 Fahrenheit (reported range)
210	3	463-465	[PULSED] Vitals taken after triage: Heart rate (beats per minute) -9 = Blank 0-239 (reported range) 998 = P, Palp, Dop, or Doppler
211	3	466-468	[RESPRD] Vitals taken after triage: Respiratory rate (breaths per minute) -9 = Blank 0-99 (reported range)
212	3	469-471	[BPSYSD] Vitals taken after triage: Systolic blood pressure -9 = Blank 0-248 (reported range)
213	3	472-474	[BPDIASD] Vitals taken after triage: Diastolic blood pressure -9 = Blank 0-153 (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
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	[RETREFFU] 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)

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
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 1-62

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
243	4	507-510	[HDDIAG1] HOSPITAL DISCHARGE DIAGNOSIS #1 (ICD-10-CM) There is an implied decimal between the third and fourth digits; for inapplicable or masked fourth digits, a dash is inserted. -9 = Blank -7 = Not applicable (not admitted to hospital) A000-Z998 = A00.0-Z99.8 ZZZ0 = Non-codable, insufficient information for coding, illegible ZZZ1 = Left before being seen; patient walked out; "eloped", left against medical advice (AMA) ZZZ2 = Transferred to another facility; sent to see specialist (discharge order rather than diagnosis) ZZZ3 = Insurance/HMO will not authorize treatment ZZZ4 = Entry of "none," "no diagnosis," "no disease," or "healthy" (this is the only entry) ZZZ5 = Entry of "Not applicable", "Not Available", "NA" or "Blank"
244	4	511-514	[HDDIAG2] HOSPITAL DISCHARGE DIAGNOSIS #2 (ICD-10-CM) See HDDIAG1.
245	4	515-518	[HDDIAG3] HOSPITAL DISCHARGE DIAGNOSIS #3 (ICD-10-CM) See HDDIAG1.
246	4	519-522	[HDDIAG4] HOSPITAL DISCHARGE DIAGNOSIS #4 (ICD-10-CM) See HDDIAG1.
247	4	523-526	[HDDIAG5] HOSPITAL DISCHARGE DIAGNOSIS #5 (ICD-10-CM) See HDDIAG1.
248	2	527-528	[HDSTAT] Hospital discharge status -9 = Blank -8 = Data not available (Unknown) -7 = Not applicable (not admitted to hospital) 1 = Alive 2 = Dead
249	2	529-530	[ADISP] Disposition of live discharges -9 = Blank -8 = Data not available (Unknown) -7 = Not applicable (not admitted/admitted, but not a live discharge) 1 = Home/Residence 2 = Return/Transfer to nursing home 3 = Transfer to another facility (not usual place of residence) 4 = Other

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
250	4	531-534	[OBSSTAY] Length of stay in observation unit (minutes) (for those patients who were admitted to observation unit and then discharged) Calculated from date and time patient was discharged from the ED and date and time of observation unit discharge. -9 = Missing data -7 = Not applicable 0 = 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. 1-174
258	3	545-547	[PATCODE] PATIENT CODE - A number assigned to identify each individual record from a particular hospital. 1-197

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
259	2	548-549	<p>[EMRED] DOES YOUR ED USE AN ELECTRONIC HEALTH RECORD (EHR) SYSTEM? (DO NOT INCLUDE BILLING SYSTEMS.)</p> <p>-9 = Blank -8 = Unknown 1 = Yes, all electronic 2 = Yes, part paper and part electronic 3 = No</p> <p>(If response of '1' or '2' to EMRED, the next 3 questions were asked.)</p>
260	2	550-551	<p>[HHSMUE] DOES YOUR CURRENT SYSTEM MEET MEANINGFUL USE CRITERIA AS DEFINED BY THE DEPARTMENT OF HEALTH AND HUMAN SERVICES?</p> <p>-9 = Blank -8 = Unknown -7 = Not applicable (EMRED=3 or -8) -6 = Refused to answer 1 = Yes 2 = No</p>
261	2	552-553	<p>[EHRINSE] DOES YOUR ED HAVE PLANS FOR INSTALLING A NEW EHR/EMR SYSTEM WITHIN THE NEXT 18 MONTHS?</p> <p>-9 = Blank -8 = Unknown -6 = Refused to answer 1 = Yes 2 = No 3 = Maybe</p>
262	2	554-555	<p>[EDPRIM] WHEN PATIENTS WITH IDENTIFIED PRIMARY CARE PHYSICIANS (PCP) ARRIVE AT THE ED, HOW OFTEN DO YOU ELECTRONICALLY SEND NOTIFICATIONS TO THE PATIENTS' PRIMARY CARE PHYSICIANS?</p> <p>-9 = Blank -8 = Unknown -7 = Not applicable -6 = Refused to answer 1 = Always 2 = Sometimes 3 = Rarely 4 = Never</p>
263	2	556-557	<p>[EDINFO] WHEN PATIENTS ARRIVE AT THE ED, ARE YOU ABLE TO QUERY FOR PATIENTS' HEALTHCARE INFORMATION ELECTRONICALLY (E.G., MEDICATIONS, ALLERGIES) FROM OUTSIDE SOURCES?</p> <p>-9 = Blank -8 = Unknown 1 = Yes 2 = No</p>

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
264	2	558-559	[OBSCLIN] DOES YOUR ED HAVE AN OBSERVATION OR CLINICAL DECISION UNIT? Note that there were related items in 2009 and 2010 called OBSUNIT, OBSED, and OBSDEC. Starting in 2013, OBSCLIN and OBSSEP replaced the OBSUNITS item from 2012. -9 = Blank -8 = Unknown 1 = Yes 2 = No
265	2	560-561	[OBSSEP] IF YES TO DOES YOUR ED HAVE AN OBSERVATION OR CLINICAL DECISION UNIT, IS THIS OBSERVATION OR CLINICAL DECISION UNIT SEPARATE FROM THE ED? -9 = Blank -8 = Unknown -7 = Not applicable 1 = Yes 2 = No IF YOUR ED HAS A PHYSICALLY SEPARATE OBSERVATION OR CLINICAL DECISION UNIT, WHAT TYPE OF PHYSICIAN MAKES DECISIONS FOR PATIENTS IN THIS OBSERVATION UNIT?
266	2	562-563	[OBSPHYSED] ED physicians
267	2	564-565	[OBSSHOSP] Hospitalists
268	2	566-567	[OBSPHYSOT] Other physicians
269	2	568-569	[OBSPHYSUN] Unknown -7 = Not applicable 0 = Box is not marked 1 = Box is marked
270	2	570-571	[BOARD] ARE ADMITTED ED PATIENTS EVER "BOARDED" FOR MORE THAN 2 HOURS IN THE ED OR OBSERVATION UNIT WHILE WAITING FOR AN INPATIENT BED? -9 = Blank -8 = Unknown 1 = Yes 2 = No
271	2	572-573	[BOARDHOS] DOES YOUR ED ALLOW SOME ADMITTED PATIENTS TO MOVE FROM THE ED TO INPATIENT CORRIDORS WHILE AWAITING A BED ("BOARDING") – SOMETIMES CALLED "FULL CAPACITY PROTOCOL"? -9 = Blank -8 = Unknown 1 = Yes 2 = No

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
272	2	574-575	[AMBDIV] DID YOUR ED GO ON AMBULANCE DIVERSION IN 2019? -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 2019? (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	[DASHBORD] 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 19.)

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 19. 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	2206-2208	[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

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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 (2020)
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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) 20120201-4040000
903	6	2351-2356	[CPSUM] CLUSTERED PSU MARKER (masked) 1-100174

***** 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. 189.14448 – 53161.92664
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. 2.27297 - 186.54869

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 - 4296 (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	14,860	131,296,604	100.000
Under 15 years	2,296	18,486,708	14.080
15-24 years	2,004	17,371,565	13.231
25-44 years	4,186	36,978,022	28.164
45-64 years	3,541	31,638,628	24.097
65-74 years	1,349	12,875,108	9.806
75 years and over	1,484	13,946,571	10.622

CATEGORY	RECORDS	WEIGHTED VISITS	PERCENT
SEX			
Total	14,860	131,296,604	100.000
Female	7,787	70,076,468	53.373
Male	7,073	61,220,136	46.627

CATEGORY	RECORDS	WEIGHTED VISITS	PERCENT
ETHNICITY			
Total	14,860	131,296,604	100.000
Hispanic or Latino	2,336	20,583,581	15.677
Not Hispanic or Latino	12,524	110,713,022	84.323

CATEGORY	RECORDS	WEIGHTED VISITS	PERCENT
RACE (Unimputed)			
Total	14,860	131,296,604	100.000
Blank	2,270	19,048,769	14.508
White Only	8,592	81,181,517	61.831
Black/African American Only	3,372	26,168,223	19.931
Asian Only	351	2,751,171	2.095
Native Hawaiian/Oth Pac Isl Only	57	278,815	0.212
American Indian/Alaska Native Only	142	1,137,972	0.867
More than one race reported	76	730,136	0.556

CATEGORY	RECORDS	WEIGHTED VISITS	PERCENT
Primary Expected Source of Payment (Based on hierarchical recode of Expected Source(s) of Payment item)			
Total	14,860	131,296,604	100.000
All sources of payment are blank	254	2,452,000	1.868
Unknown	1,423	13,075,419	9.959
Private insurance	3,603	30,478,436	23.213
Medicare	3,018	28,433,107	21.656
Medicaid or CHIP or other state-based program	5,073	43,055,094	32.792
Worker's compensation	70	634,411	0.483
Self-pay	1,112	10,120,454	7.708
No charge/Charity	47	343,166	0.261
Other	260	2,704,515	2.060

CATEGORY	RECORDS	WEIGHTED VISITS	PERCENT
Immediacy with Which Patient Should Be Seen			
Total	14,860	131,296,604	100.000
Blank	912	10,788,523	8.217
Unknown	3,675	28,695,868	21.856
No triage for this visit but			
ESA does conduct triage	316	2,823,399	2.150
Immediate	100	970,521	0.739
Emergent	1,496	14,794,937	11.268
Urgent	4,964	43,567,545	33.183
Semi-urgent	2,661	23,723,165	18.068
Nonurgent	403	3,270,526	2.491
Visit occurred in ESA that			
does not conduct nursing triage	333	2,662,118	2.028

CATEGORY	RECORDS	WEIGHTED VISITS	PERCENT
Number of Medications			
Total	14,860	131,296,604	100.000
0	3,574	31,159,414	23.732
1	2,953	24,414,847	18.595
2	2,689	24,062,611	18.327
3	1,790	15,636,070	11.909
4	1,343	12,296,565	9.365
5	805	7,758,361	5.909
6	538	4,804,777	3.659
7	350	3,318,510	2.527
8	220	2,108,464	1.606
9	129	1,227,290	0.935
10	93	852,149	0.649
11	72	658,292	0.501
12	57	543,661	0.414
13	45	460,023	0.350
14	37	469,001	0.357
15	23	165,312	0.126
16	13	92,585	0.071
17	15	60,230	0.046
18	12	81,521	0.062
19	13	201,980	0.154
20	13	262,417	0.200
21	13	69,882	0.053
22	14	188,131	0.143
23	11	111,088	0.085
24	8	92,950	0.071
25	7	20,504	0.016
26	5	17,425	0.013
27	4	10,226	0.008
28	5	26,711	0.020
29	5	74,685	0.057
30	4	50,920	0.039

B. EMERGENCY DEPARTMENT DRUG MENTIONS

CATEGORY	RECORDS	WEIGHTED MENTIONS	PERCENT
Patient Age			
Total	38,581	353,844,509	100.000
Under 15 years	3,827	29,881,728	8.445
15-24 years	4,254	38,527,562	10.888
25-44 years	10,503	94,759,618	26.780
45-64 years	11,199	104,846,100	29.631
65-74 years	4,483	43,989,269	12.432
75 years and over	4,315	41,840,232	11.824

CATEGORY	RECORDS	WEIGHTED MENTIONS	PERCENT
Sex			
Total	38,581	353,844,509	100.000
Female	20,490	192,161,571	54.307
Male	18,091	161,682,938	45.693

CATEGORY	RECORDS	WEIGHTED MENTIONS	PERCENT
Race (Unimputed)			
Total	38,581	353,844,509	100.000
Blank	4,645	36,762,291	10.389
White Only	23,158	232,977,832	65.842
Black/African American Only	9,142	69,317,784	19.590
Asian Only	992	9,314,330	2.632
Native Hawaiian/ Oth Pac Isl Only	136	613,663	0.173
American Indian/Alaska Native Only	324	2,711,058	0.766
More than one race reported	184	2,147,550	0.607

CATEGORY	RECORDS	WEIGHTED MENTIONS	PERCENT
Drug therapeutic categories (using Level 1 codes)			
Total	45,330	414,027,968	100.000
Anti-infectives	4,547	39,649,466	9.577
Antineoplastics	29	311,897	0.075
Biologicals	12	65,507	0.016
Cardiovascular agents	2,788	26,502,702	6.401
Central nervous system agents	14,942	137,229,186	33.145
Coagulation modifiers	1,109	10,705,602	2.586
Gastrointestinal agents	2,702	23,583,187	5.696
Hormones/hormone modifiers	1,112	11,501,117	2.778
Miscellaneous agents	1,437	12,196,652	2.946
Genitourinary tract agents	144	1,243,758	0.300
Nutritional products	5,141	46,592,835	11.254
Respiratory agents	6,051	56,238,768	13.583
Topical agents	1,621	14,317,805	3.458
Plasma expanders	15	151,054	0.036
Alternative medicines	124	1,546,598	0.374
Psychotherapeutic agents	1,055	8,596,899	2.076
Immunological agents	479	4,405,213	1.064
Radiologic agents	887	8,346,333	2.016
Metabolic agents	841	8,521,905	2.058
Medical gases	266	2,188,130	0.528
Investigational drugs	13	76,721	0.019
Pharmaceutical aids	15	56,634	0.014

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 19.

C. EMERGENCY DEPARTMENTS

CATEGORY	RECORDS	WEIGHTED EMERGENCY DEPARTMENTS	PERCENT
Geographic region			
Total	176	4,446	100.000
Northeast	37	628	14.129
Midwest	37	1,180	26.539
South	65	1,854	41.697
West	37	784	17.635

CATEGORY	RECORDS	WEIGHTED EMERGENCY DEPARTMENTS	PERCENT
Metropolitan Statistical Area (MSA) Status			
Total	176	4,446	100.000
MSA	157	3,147	70.785
Non-MSA	19	1,299	29.215

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 2020, 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 2020 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 2020 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 PATIENT RECORD FORMS (PRFs)

I. EMERGENCY DEPARTMENT PATIENT RECORD FORM

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

PRF item instructions used with the survey instrument in 2020 were essentially identical to those used in [2019](#). The 2019 instrument differed in only one variable with 2018: Within the Diagnostic Services item, the category name "CBC" was expanded to "Complete Blood Count (CBC)". There were no changes made in 2018 and only minimal changes in [2017](#). Item instructions were last printed in full in the [2016](#) NHAMCS Public Use File Documentation.

C. DEFINITIONS OF CERTAIN TERMS USED IN THE SURVEY

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

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

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

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

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

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

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

Emergency service area (ESA) - ESAs are the smallest administrative units of an ED where separate patient statistics are kept. An ESA may be located on the hospital grounds or operated off-site by the hospital. ESAs

operated by the hospital, but staffed under contract by independent physicians, are eligible. This includes services provided under the "hospital as landlord" arrangement in which the hospital rents space to a physician group. ESAs are categorized by type in the survey induction interview as either general, adult, pediatric, urgent care/fast track, psychiatric, or other.

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

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

APPENDIX II REASON FOR VISIT CLASSIFICATION

A. SUMMARY OF CODES

MODULE	CODE NUMBER
SYMPTOM MODULE	
General Symptoms	1001-1099
Symptoms Referable to Psychological and Mental Disorders	1100-1199
Symptoms Referable to the Nervous System (Excluding Sense Organs)	1200-1259
Symptoms Referable to the Cardiovascular and Lymphatic Systems	1260-1299
Symptoms Referable to the Eyes and Ears	1300-1399
Symptoms Referable to the Respiratory System	1400-1499
Symptoms Referable to the Digestive System	1500-1639
Symptoms Referable to the Genitourinary System	1640-1829
Symptoms Referable to the Skin, Nails, and Hair	1830-1899
Symptoms Referable to the Musculoskeletal System	1900-1999
DISEASE MODULE	
Infective and Parasitic Diseases	2001-2099
Neoplasms	2100-2199
Endocrine, Nutritional, Metabolic, and Immunity Diseases	2200-2249
Diseases of the Blood and Blood-forming Organs	2250-2299
Mental Disorders	2300-2349
Diseases of the Nervous System	2350-2399

DISEASE MODULE (continued)	CODE NUMBER
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
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 problem (4600.0)

1045.0 Weight loss

1045.1 Recent weight loss

1045.2 Underweight

1046.0 Symptoms of face, NEC

Includes:

Mass

Excludes:

Facial pain 1055.4

Facial paralysis 1230.0

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

1050.1 Chest pain, Soreness

Excludes:

Heart pain (1265.0)

1050.2 Chest discomfort, pressure, tightness, heaviness

Includes:

C - pressure

1050.3 Burning sensation in the chest

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

Includes:

Buttock pain

Gluteal pain

Perineal pain

Radiating pain (added in 2019)

Excludes:

Abdominal pain (see 1545.1-1545.3)

Chest pain (1050.1)

Phantom leg/limb (2370.0)

1055.1 Rib pain

Sternal (sternum) pain (added in 2019)

1055.2 Side pain, flank pain

Excludes: abdominal pain (with laterality indicated) 1545.1

1055.3 Groin pain

Includes:

Pubic pain

1055.4 Facial pain

Includes:

Jaw pain

Pain over eye

1060.0 Pain and related symptoms, NEC

1060.1 Pain, unspecified

Includes:

Ache all over (generalized)

Incisions (postop code 42050 also)

1060.2 Cramps, spasms, site unspecified

Excludes:

Menstrual cramps (1745.2)

1060.3 Stiffness, site unspecified

1065.0 Tumor or mass, site unspecified

1065.1 Internal mass, NOS

1066.0 Lesion, internal NOS (excludes brain and skin)

1070.0 Bleeding, multiple or unspecified sites

1075.0 Symptoms of growth and developmental disorders

Includes:

Developmental regression

1075.1 Lack of growth

Includes:

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

1075.2 Excessive growth

Includes:

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

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

Excludes

General ill feeling (10250)

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

1080.2 Regurgitation, spitting up

Excludes:

Vomiting (1530.0)

1080.3 Feeding problem, eating difficulty

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

Includes:

Infection, NOS

1090.0 Allergy, NOS

Includes:

Angioedema
Allergic reaction, NOS
Food allergy, NOS
Milk allergy, NOS

Excludes:

Allergic skin reaction (2825.0)
Allergy to medications (5905.0)
Nasal allergy (2635.0)

1095.0 Disorders of motor functions

Includes:

Ataxia
Clumsiness
Difficulty in walking
Dyskinesia
Fall, NOS
Limping
Staggering
Stumbling
Uncoordinated
Unsteady gait

1096.0 Dyslexia, NOS

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

1100.0 Anxiety and nervousness

Includes:

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

1105.0 Fears and phobias

Includes:

General fearfulness
Agoraphobia

1110.0 Depression

Includes:

Crying excessively

Dejected

Distress (NOS)

Feeling down

Feeling low

Grief

Hopelessness

Sadness

Tension (Note: "Tension headache", previously included here was assigned to a new code, 1210.1, as of 2019)

Unhappy

1115.0 Anger

Includes:

Bitterness

Hostile feelings

Excludes:

Temper problems (1130.4)

1120.0 Problems with identity and self-esteem

Includes:

Co-dependency

Dependency

Don't like myself

Guilt

Helpless

Identity crisis

Insecurity, emotional

Lack of motivation

Loss of identity

No confidence

No goals

Poor boundaries

Self derogation

Too much is expected of me

1125.0 Restlessness

Includes:

Can't rest

Hyperactivity

Over activity

1130.0 Behavioral disturbances

Includes:

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

1130.1 Antisocial behavior

Includes:

Avoiding people
Excessive shyness
Lying
Social isolation
Withdrawal

1130.2 Hostile behavior

Includes:

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

1130.3 Hysterical behavior

1130.4 Temper problems

Includes:

Blowing up
Fussy
Irritability
Losing temper
Temper tantrums

Excludes:

Fussy infants (1080.1)

1130.5 Obsessions, compulsion and impulsive

1135.0 Disturbances of sleep

Includes:

Night terrors

1135.1 Insomnia

Includes:

Can't sleep (initiating or maintaining)

Sleeplessness

Trouble falling asleep

1135.2 Sleepiness (hypersomnia)

Includes:

Can't stay awake

Drowsiness

Groggy

1135.3 Nightmares

1135.4 Sleepwalking

1135.5 Apnea

Includes:

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

1140.0 Smoking problems

Includes:

Can't quit smoking

Smoking too much

Excludes:

Physical symptoms of smoking (see particular symptom)

Smoker's cough (1440.0)

1145.0 Alcohol-related problems

Includes:

Alcohol abuse

Alcoholic liver disease (Code 11450 and 26700)

Drinking problem

Excludes:

Adverse effects of alcohol (5915.0)

Alcoholism (2320.0)

1150.0 Abnormal drug usage

Includes:

Drug abuse

Drug seeking

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

Excludes:

Drug addiction (2321.0)

Drug dependence (2321.0)

Intoxication with drugs (5910.0)

Overdose, intentional (5820.1)

Overdose, unintentional, NOS (5910.0)

1150.1 Substance abuse, no additional details

1155.0 Delusions or hallucinations

Includes:

Flashback

Grandiosity

Hearing voices

Ideas of reference

Medicine is poisoned

Seeing things

1160.0 Psychosexual disorders

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

1160.2 Homosexuality, concerns with

1160.3 Impotence, Erectile dysfunction

1160.4 Premature ejaculation

1160.5 Masturbation excessive, concerns about

1160.6 Orgasm, problem with

1160.7 Preoccupation with sex

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

Includes:

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

Excludes:

Character disorder (2315.0)
Personality disorder (2315.0)

1165.1 Nail biting

1165.2 Thumb sucking

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

1200.0 Abnormal involuntary movements

Includes:

Jerking
Shaking
Tics
Tremors
Twitch

Excludes:

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

1205.0 Convulsions

Includes:

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

Excludes:

Fainting (1030.0)

1207.0 Symptoms of head, NEC

Excludes:

Headache, pain in head (1210.0)

1210.0 Headache, pain in head

Includes:

Post-traumatic (also code 5575.0)

Excludes:

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

1210.1 Tension headache

1215.0 Memory, disturbances of

Includes:

Amnesia
Forgetfulness
Lack or loss of memory
Temporary loss of memory

1220.0 Disturbances of sensation

1220.1 Loss of feeling (anesthesia)

Includes:

Lack of Sensation
No response to pain
Numbness
Stunned

Excludes:

Post-op complication of anesthesia

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

1220.2 Increased sensation (hyperesthesia)

1220.3 Abnormal sensation (paresthesia)

Includes:

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

1220.4 Other disturbances of sense, including smell and taste

1225.0 Vertigo - dizziness

Includes:

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

1230.0 Weakness (neurological)

Includes:

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

Excludes:

General weakness (1020.0)

1235.0 Disorders of speech, speech disturbance

Includes:

Groping for words
Speech/verbal apraxia
Unable to speak

1235.1 Stuttering, stammering

1235.2 Slurring

1240.0 Other symptoms referable to the nervous system

Includes:

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

Excludes:

Nerve block 4560.0

1240.1 Apraxia

Excludes:

Speech/verbal apraxia 1235.0

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

1260.0 Abnormal pulsations and palpitations

1260.1 Increased heartbeat

Includes:
Pulse too fast
Rapid heartbeat

1260.2 Decreased heartbeat

Includes:
Pulse too slow
Slow heart

1260.3 Irregular heartbeat

Includes:
Fluttering
Jumping
Racing
Skipped beat

1265.0 Heart pain

Includes:
Anginal pain
Heart distress
Pain over heart

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

1270.0 Other symptoms of the heart

Includes:
Bad heart
Heart condition
Poor heart
Weak heart

1275.0 Symptoms of lymph glands (or nodes)

1275.1 Swollen or enlarged glands

1275.2 Sore glands

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

Includes:

Gangrene (added 2019)

Telangiectasia

1280.1 Poor circulation

Includes:

Cold feet, hands

1280.2 Pallor, paleness

1280.3 Flushed, blushing

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

1305.0 Vision dysfunctions

Includes:

Photosensitivity (added in 2019)

Excludes:

Refractive errors (2405.0)

1305.1 Blindness and half vision

Includes:

Visual field deficit

1305.2 Diminished vision

Includes:

Blurred vision

Can't see distances

Difficulty reading

Focus, eyes won't (other than infant)

Obstruction, vision

Poor vision

Scotoma

Trouble seeing

Weak eyes

1305.3 Extraneous vision

Includes:

Cloudy vision

Fuzzy vision

Spots in front of eyes (floaters)

1305.4 Double vision (diplopia)

1310.0 Discharge from eye

1310.1 Bleeding

1310.2 Tearing, watering (lacrimation)

1310.3 Pus, matter, white discharge, matted

1315.0 Eye infection and inflammation

1315.1 Pinkeye

1320.0 Abnormal sensations of the eye

Includes:

Foreign body sensation

Tired eyes

1320.1 Pain

Includes:

Irritation

1320.2 Itching

1320.3 Burning, stinging

1320.4 Strain

1325.0 Abnormal eye movements

1325.1 Abnormal retraction

1325.2 Cross-eyed

1325.3 Pupils unequal

1325.4 Deviation

Includes:

Drifting

Lazy eye

Turns in

1330.0 Abnormal appearance of eyes

1330.1 Abnormal color

Includes:
Bloodshot
Red

Excludes:
Yellow (1610.2)

1330.2 Protrusion (exophthalmos)

1330.3 Cloudy, dull, hazy appearance , cloudy capsule

1335.0 Other and unspecified symptoms referable to eye, NEC

Includes:
Defect, NOS
Eyes not focusing ,infant

1335.1 Contact lens problems

1335.2 Allergy

1335.3 Swelling

Excludes:
Foreign body (5600.0)
Injury (5510.0)
Abrasion (5410.0)

1340.0 Symptoms of eyelids

Includes:
Can't close eye
Lesion
Rash

1340.1 Infection, inflammation, swelling

1340.2 Itching

1340.3 Mass or growth

1340.4 Abnormal movement

Includes:
Blinking
Drooping
Squinting
Twitching

1345.0 Hearing dysfunctions

1345.1 Diminished hearing

Includes:
Deafness
Hearing loss
Trouble hearing

1345.2 Heightened or acute hearing

1345.3 Extraneous hearing

Includes:
Ringing (tinnitus)

Excludes:
Hearing things (1155.0)

1350.0 Discharge from ear

Includes:
Drainage from ear (added in 2019)
Fluid in ear

1350.1 Bleeding

1350.2 Pus (purulent drainage), Otorrhea

1350.3 Swimmer's ear

1355.0 Earache, or ear infection

1355.1 Earache, pain

1355.2 Ear infection

1360.0 Plugged feeling in ear

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

1365.0 Other and unspecified symptoms referable to the ears, NEC

Includes:

Ear problem
Eustachian tube dysfunction
Pressure
Red, redness

1365.1 Itching

1365.2 Growths or mass

1365.3 Pulling at ears, picking at ears

1365.4 Abnormal size or shape, "ears stick out"

Excludes:

Foreign body in ear (5620.0)

SYMPTOMS REFERABLE TO THE RESPIRATORY SYSTEM (1400-1499)**1400.0 Nasal congestion**

Includes:

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

1405.0 Other symptoms of nose

Excludes:

Nasal allergy (2635.0)

1405.1 Nosebleed (epistaxis)

1405.2 Sore in nose

1405.3 Inflammation and swelling

Includes:

Infection

Red nose

Sore nose

1405.4 Problem with appearance of nose

Includes:

Bump(s)

Too large

Undesirable appearance

1410.0 Sinus problems

Includes:

Sinus cyst

Sinus drainage

1410.1 Pain and pressure

Includes:

Sinus headache

1410.2 Sinus inflammation, infection

1410.3 Sinus congestion

1415.0 Shortness of breath

Includes:

Breathlessness

Gasping for breath (added in 2019)

Out of breath

Sensation of suffocation

1420.0 Labored or difficult breathing (dyspnea)

Includes:

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

1425.0 Wheezing

Includes:

Sighing respiration

1430.0 Breathing problems, NEC

Includes:

Hurts to breathe
Respiratory rhythm disorders (added in 2019)

1430.1 Disorders of respiratory sound, NEC

Includes:

Abnormal breathing sounds
Snoring
Rales
Rattles
Stridor

1430.2 Rapid breathing (hyperventilation)

1435.0 Sneezing

1440.0 Cough

Includes:

Congested
Croupy cough
Smoker's cough

1445.0 Head cold, upper respiratory infection (coryza)

Includes:

Cold, NOS

Excludes:

Chest cold (1475.0)

1450.0 General viral infection

1450.1 Flu

Includes:

Grip

Influenza

Excludes:

Croup (2600.0)

1455.0 Symptoms referable to throat, raw throat

1455.1 Soreness

Includes:

Throat hurts

1455.2 Pain (burning, throat on fire)

1455.3 Infection

Includes:

Throat virus

Excludes:

Strep throat (2010.0)

1455.4 Irritation, scratch, tickle, itch

1455.5 Swelling

1455.6 Lump or mass

Includes:

Sensation of something in throat

Excludes:

Foreign body in throat (5615.0)

1460.0 Symptoms referable to tonsils

Includes:

Hypertrophy

Infection

Inflammation

1470.0 Abnormalities of sputum or phlegm

1470.1 Coughing up blood

Includes:
Hemoptysis

1470.2 Pus in sputum

Includes:
Purulent sputum (added in 2019)

1470.3 Excessive sputum

Includes:
Productive

1475.0 Congestion in chest

Includes:
Lung congestion
Chest cold

1480.0 Disorders of voice

1480.1 Hoarseness, loss of voice

Includes:
Croaky

1480.2 Hypernasality

1485.0 Other symptoms referable to the respiratory system, NEC

Includes:
Drainage in throat

1485.1 Lung pain

1485.2 Lung infection

SYMPTOMS REFERABLE TO THE DIGESTIVE SYSTEM (1500-1639)

1500.0 Symptoms of teeth and gums

Includes:

Loose tooth (no injury)

Teething, one year old and over

Tooth infection

1500.1 Toothache

1500.2 Gum pain

1500.3 Bleeding gums

1501.0 Symptoms of the jaw, NOS

Includes:

Jaw problem, unspecified

1501.1 Swelling

1501.2 Lump or mass

1505.0 Symptoms referable to lips

Includes:

Sore on lip

1505.1 Cracked, bleeding, dry, chapped

1505.2 Abnormal color

1505.3 Cold sore

1510.0 Symptoms referable to mouth

Includes:

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

1510.1 Pain, burning, soreness

1510.2 Bleeding

1510.3 Dryness

1510.4 Ulcer, sore

1515.0 Symptoms referable to tongue

Includes:

Ulcer on tongue
Sore on tongue

1515.1 Pain

1515.2 Bleeding

1515.3 Inflammation, infection, swelling

1515.4 Abnormal appearance, color, ridges, coated

1520.0 Difficulty in swallowing (dysphagia)

Includes:

Choking
Inability to swallow

1525.0 Nausea

Includes:

Feel like throwing up
Nervous stomach
Sick to stomach
Upset stomach

1530.0 Vomiting

Includes:

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

Excludes:

Regurgitation, infants (1080.2)
Vomiting blood (1580.2)

1535.0 Heartburn and indigestion (dyspepsia)

Includes:

Acid in stomach
Excessive belching

1540.0 Gastrointestinal infection

Includes:

Intestinal virus
Stomach flu
Stomach virus
Viral gastroenteritis

1545.0 Stomach and abdominal pain, cramps and spasms

Includes:

Gastric pain

Excludes:

Groin pain (1055.3)

1545.1 Abdominal pain, cramps, spasms, NOS

Includes:

Abdominal discomfort, NOS

Gas pains

Intestinal colic

1545.2 Lower abdominal pain, cramps, spasms,

Includes:

Right lower quadrant (RLQ) pain

Left lower quadrant (LLQ) pain

Inguinal pain

1545.3 Upper abdominal pain, cramps, spasms

Includes:

Epigastric pain

Left upper quadrant (LUQ) pain

Pain in umbilical region

Right upper quadrant (RUQ) pain

1565.0 Change in abdominal size (stomach size)

Includes:

Ascites (added in 2019)

1565.1 Distention, fullness, NOS

Includes:

Abdominal bloating

Stomach fullness

1565.2 Mass or tumor

Includes:

Mass in groin

Mass, inguinal

1565.3 Abdominal swelling, NOS

1570.0 Appetite, abnormal

1570.1 Excessive appetite

Includes:
Eats too much
Always hungry

1570.2 Decreased appetite

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

1575.0 Difficulty eating

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

1580.0 Gastrointestinal bleeding

Includes:
Bowel

1580.1 Blood in stool (melena)

1580.2 Vomiting blood (hematemesis)

1585.0 Flatulence

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

Excludes:
Gas pains (1545.1)

1590.0 Constipation

1595.0 Diarrhea

Includes:
Loose stools
The runs

1600.0 Other symptoms or changes in bowel function

Includes:

Painful defecation (added in 2019)

1600.1 Discharge in stools

Includes:

Guaiac positive

Hemoccult positive

Mucus

Pus

1600.2 Worms

1600.3 Changes in size, color, shape, or odor

Includes:

Bulky stools

Too narrow

Unusual odor or color

1600.4 Incontinence of stool

Includes:

Dirty pants (encopresis)

Leaking stools

1605.0 Symptoms referable to anus-rectum

1605.1 Pain

Includes:

Burning

Irritation

1605.2 Bleeding

1605.3 Swelling or mass

1605.4 Itching

1610.0 Symptoms of liver, gallbladder, and biliary tract

1610.1 Pain

1610.2 Jaundice

Includes:

Yellow eyes

Yellow skin

1615.0 Other and unspecified symptoms referable to digestive system

Includes:

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

SYMPTOMS REFERABLE TO THE GENITOURINARY SYSTEM (1640-1829)

1640.0 Abnormalities of urine

Excludes:

Abnormal findings of urine tests (6200.0)

1640.1 Blood in urine (hematuria)

1640.2 Pus in urine

1640.3 Unusual color or odor

1645.0 Frequency and urgency of urination

1645.1 Excessive urination, night (nocturia)

1650.0 Painful urination

Includes:

Burning, discomfort

1655.0 Incontinence of urine (enuresis)

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

1655.2 Bedwetting

1660.0 Other urinary dysfunctions

Includes:

Trouble going

Urinary pressure

Weak Stream

1660.1 Retention of urine

Includes:

Can't urinate

1660.2 Hesitancy

Includes:

Difficulty in starting stream

1660.3 Large volume

Includes:

Polyuria

1660.4 Small volume

1665.0 Symptoms of bladder

Includes:

Bladder distention (added in 2019)

Bladder trouble

1665.1 Pain

1665.2 Infection

1665.3 Mass

1670.0 Symptoms of the kidneys

Includes:

Kidney trouble

1670.1 Pain

1670.2 Infection

1670.3 Mass

1675.0 Urinary tract infection, NOS

Includes:

Genitourinary infection

Urine infection

1680.0 Other symptoms referable to urinary tract

Includes:

Passed stones
Urethral bleeding
Urinary irritation

Excludes:

Kidney stones or bladder stones (2705.0)

1700.0 Symptoms of penis

1700.1 Pain, aching, soreness, tenderness, painful erection

1700.2 Infection, inflammation, swelling

1700.3 Lumps, bumps, growths, warts

1705.0 Penile discharge

1710.0 Symptoms of prostate

Includes:

Prostate trouble

1710.1 Swelling

1710.2 Infection

1715.0 Symptoms of the scrotum and testes

1715.1 Pain, aching, tenderness

1715.2 Swelling, inflammation

1715.3 Growths, warts, lumps, bumps

1715.4 Itching, jock itch

1720.0 Other symptoms of male reproductive system

Includes:

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

Excludes:

Psychosexual problems (1160.0-1160.6)

1730.0 Absence of menstruation (amenorrhea)

Excludes:

Suspected pregnancy (3200.0)

Missed a period (3200.0)

Period late (3200.0)

1735.0 Irregularity of menstrual interval

1735.1 Frequent

1735.2 Infrequent

1735.3 Unpredictable

1740.0 Irregularity of menstrual flow

1740.1 Excessively heavy (menorrhagia)

1740.2 Scanty flow (oligomenorrhea)

1740.3 Abnormal material, including clots

1745.0 Menstrual symptoms, other and unspecified

Includes:

Early/delayed menarche (added in 2019)

Long periods

1745.1 Premenstrual symptoms, PMS

Includes:

Bloating before periods

Premenstrual tension or irritability

1745.2 Painful menstruation (dysmenorrhea)

Includes:

Menstrual cramps

Pain in legs and back during menstruation

1750.0 Menopausal symptoms

1750.1 Early or late onset of menopause

1750.2 Vasomotor symptoms-hot flashes

1750.3 Emotional symptoms, change of life problems

1755.0 Uterine and vaginal bleeding

Excludes:

Bleeding during pregnancy (1790.2)

1755.1 Intermenstrual bleeding (metrorrhagia)

Includes:

Bleeding between periods

Breakthrough bleeding

1755.2 Postmenopausal bleeding

1755.3 Postcoital bleeding, female

1760.0 Vaginal discharge

Includes:

Bloody, brown, white (leukorrhea), excessive

1765.0 Other vaginal symptoms

1765.1 Pain

1765.2 Infection

1765.3 Itching, burning

1765.4 Vaginal dryness

1770.0 Vulvar disorders

1770.1 Itching and irritation, swelling

1770.2 Mass, lump

1770.3 Growth, wart, cyst, ulcer, sore

1775.0 Pelvic symptoms

1775.1 Pain

Includes:

Ovulation pain

1775.2 Pressure or dropping sensation

Includes:

Feeling of uterus falling out

1775.3 Infection, inflammation

1790.0 Problems and other conditions related to pregnancy

Excludes:

Routine prenatal visits (3205.0)

1790.1 Pain during pregnancy

(Pain directly associated with or due to the pregnancy.

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

Excludes:

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

1790.2 Spotting, bleeding during pregnancy

1790.3 Symptoms of onset of labor

Includes:

All associated symptoms (added in 2019)

Water broke

Ruptured membranes

Labor pain, contractions

Labor, NOS

1791.0 Postpartum problems

Includes:

Bleeding

Pain

Excludes:

Postpartum examination, routine (3215.0)

1795.0 Other symptoms referable to the female reproductive system

Includes:

Early/delayed sexual development, female

Frequent miscarriage

1800.0 Pain or soreness of breast

Includes:

Tenderness

1805.0 Lump or mass of breast

Includes:

Bump

Knot

Nodule

Cyst

1810.0 Other symptoms referable to breast

1810.1 Bleeding or discharge from nipple or breast

1810.2 Postpartum problems

Includes:

Engorgement

Postpartum infection

Nursing difficulties

1810.3 Problems with shape or size

Includes:

Too large

Too small

Sagging

Uneven development

1815.0 Symptoms of infertility

Includes:

Can't get pregnant

Inability to conceive

Sterility

1820.0 Hormone deficiency or problem

1825.0 Symptoms of sexual dysfunction

Includes:

Coital pain (added in 2019)

Dyspareunia

Painful intercourse

Excludes:

Psychological disorders (see 1160.0-1160.6)

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

1830.0 Acne or pimples

Includes:

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

1835.0 Discoloration or abnormal pigmentation

Includes:

Birthmark
Blotches
Circles under eyes
Freckles
Redness
Spots

Excludes:

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

1840.0 Infections of skin, NOS

Includes:

Draining wound
Infected blister
Infected wound

Excludes:

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

1840.1 Infection of skin of head or neck area

1840.2 Infection of skin of arm, hand, or finger

1840.3 Infection of skin of leg, foot, or toe

1845.0 Symptoms of skin moles

Includes:
Skin mole, NOS

1845.1 Change in size or color

1845.2 Bleeding mole

1850.0 Warts, NOS

Includes:
Condyloma
Condyloma acuminatum

Excludes:
Plantar's warts (2015.0)

1855.0 Other growths of skin

Includes:
Callus
Corns
Cysts, NOS
Cyst, scalp
Skin growth, NOS
Skin tag

1860.0 Skin rash

Includes:
Rash
Skin eruption

Excludes:
Poison ivy (2825.0)
Poison oak (2825.0)

1860.1 Diaper rash

1865.0 Skin lesion, NOS

Includes:
Blister
Face
Papule
Pustule
Raw area
Sore
Ulcer

1870.0 Skin irritations, NEC

- 1870.1 Pain
- 1870.2 Itching

1875.0 Swelling of skin

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

1880.0 Other symptoms referable to skin

Excludes:
Navel problems (1895.0)

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

1885.0 Symptoms referable to nails

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

1890.0 Symptoms referable to hair and scalp

Includes:
Scalp lesion

1890.1 Too little hair

Includes:
Alopecia
Baldness
Falling out
Losing hair

1890.2 Unwanted hair

Includes:
Abnormal hairiness
Hirsutism
Superfluous hair

1890.3 Dryness, flaky scalp, dry scalp

1890.4 Itching

1895.0 Navel problems

Includes:
Umbilicus not healing
Protrusion

SYMPTOMS REFERABLE TO THE MUSCULOSKELETAL SYSTEM (1900-1999)

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

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

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

1900.0 Neck symptoms

1905.0 Back symptoms

1910.0 Low back symptoms

1915.0 Hip symptoms

1920.0 Leg symptoms

1925.0 Knee symptoms

1930.0 Ankle symptoms

1935.0 Foot and toe symptoms

1940.0 Shoulder symptoms

1945.0 Arm symptoms

1950.0 Elbow symptoms

1955.0 Wrist symptoms

1960.0 Hand and finger symptoms
Includes ring stuck on finger

1965.0 Symptoms of unspecified muscles

1970.0 Symptoms of unspecified joints

1975.0 Musculoskeletal deformities

Includes:

Crooked back

Hammer toe

Mallet finger (added in 2019)

Excludes:

Clubfoot (2960.0)

Curvature of spine (2910.0)

1975.1 Bowlegged, knock-kneed

1975.2 Posture problems

1975.3 Pigeon-toed, feet turn in

1980.0 Other musculoskeletal symptoms

Includes:

Bone pain

Stump pain

DISEASE MODULE**INFECTIVE AND PARASITIC DISEASES (2001-2099)**

2005.0 Intestinal infectious diseases

Includes:

Cholera

Dysentery

Enteritis

Gastroenteritis

Giardia

Salmonella

2010.0 Streptococcal infection

Includes:

Streptococcal tonsillitis

Scarlet fever

2015.0 Viral diseases

Includes:

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

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

Includes:

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

Excludes:

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

2015.2 Hemorrhagic fevers

Includes:

Botulism
Ebola
Fever, Hemorrhagic
Marburg

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 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

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)
Physical exam
Preventive exam
Regular exam
Routine exam
Welcome to Medicare

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

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

3105.0 Well baby examination (any child under 1 year of age)

Code also any associated inoculations or vaccinations, if applicable (3400.0)

3130.0 General psychiatric or psychological examination (mental health)

Includes:

Psychological testing

Excludes:

Court- or school-ordered examination (7140.0)

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

Includes:

HCG

Late menses

Late menstruation

Might be pregnant

Missed period

Period late

Possible pregnancy

Pregnancy test

3205.0 Prenatal examination, routine

Includes:

Normal antepartum visit

Pregnancy, NOS

Routine obstetrical care

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

Excludes:

Breast thermography (3340.0)

Mammography (3340.0)

Xerography (3340.0)

3225.0 Gynecological examination

Includes:

Pelvic exam

Excludes:

Examination for birth control medication (3505.0)

Examination for birth control, NOS (3500.0)

Examination involving IUD (3510.0)

Repeat or abnormal Pap smear (6300.0)

3230.0 Eye examination

Includes:

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

3235.0 Heart examination

Includes:

Cardiac care
Cardiac checkup
Heart checkup

3240.0 Other special examination

Includes:

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

3240.1 Genetic testing (added in 2019)

Excludes:

Genetic testing for family planning purposes 3500,0

DIAGNOSTIC TESTS (3300-3399)

3300.0 Sensitization test

Includes:
Allergy test

Excludes:
To check results of skin tests (6600.0)

3305.0 Skin immunity test

Includes:
PPD test
Tuberculin test

Excludes:
To check results of skin tests (6600.0)

3310.0 Glucose level determination (Hgb A1C-GLYCOSOLATED HEMOBLOBIN)

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

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

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
- 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 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
a07016 MINERALS;CARBOHYDRATES;MULTIVITAMIN WITH MINERALS
a07065 CURCUMIN
a07069 CYANOACRYLATE
a10133 CALCIUM ION;CHLORIDE ION;MAGNESIUM ANTACIDS;POTASSIUM ION;SODIUM ION
a10162 CASEIN;CORN OIL;LECITHIN;MULTIVITAMIN;SODIUM ION
a10163 CASEIN;MULTIVITAMIN;SAFFLOWER OIL;SOYBEAN OIL;SUCROSE
a10249 DEXTROSE-RINGERS LACTATED
a10252 DEXTROSE-NORMAL SALINE
a10267 DEXTROSE-SODIUM CHLORIDE
a10278 DEXTROSE-MAGNESIUM AMINO ACIDS CHELATE
a10279 DEXTROSE-STERILE WATER
a10304 ELECTROLYTES-POLYETHYLENE GLYCOL 3350
a10312 ETHANOL;EUCALYPTUS OIL;MENTHOL TOPICAL;METHYL SALICYLATE
TOPICAL;THYMOL
a10385 ETHINYL ESTRADIOL;IRON PREPARATIONS;NORETHINDRONE
a10463 ALUMINUM HYDROXIDE;DIPHENHYDRAMINE TOPICAL;LIDOCAINE;MAGNESIUM
ANTACIDS
a10472 ALUMINUM HYDROXIDE;CALCIUM CARBONATE;MAGNESIUM ANTACIDS
a10651 POTASSIUM ION-SODIUM CHLORIDE
a10660 ISOPROPYL ALCOHOL TOPICAL;PROPYLENE GLYCOL;SODIUM LAURYL
SULFATE;SORBITOL;STEARYL ALCOHOL
a10707 SOAP-WATER
a10717 CITRIC ACID;SODIUM CITRATE;SODIUM ION
a10726 POLYETHYLENE GLYCOL 3350;POTASSIUM CHLORIDE;SODIUM BICARBONATE;SODIUM
CHLORIDE;SODIUM SULFATE
a10738 AMPICILLIN-SULBACTIN SODIUM
a10778 GLYCERIN TOPICAL;MENTHOL TOPICAL;PHENOL TOPICAL;THYMOL
a10834 CYANOCOBALAMIN;FOLIC ACID;VITAMIN B
a10880 ADENOSYL-TRIPHOSPHATE-METHIONINE
a10893 ARGININE;GLUTAMINE;HMB
a10968 MINERAL OIL;MINERAL WAX;PETROLATUM TOPICAL;WOOLWAX ALCOHOL
a10973 ALUMINUM HYDROXIDE;DONNATAL;LIDOCAINE;MAGNESIUM HYDROXIDE;SIMETHICONE
a11138 EPINEPHRINE TOPICAL;LIDOCAINE;TETRACAINE TOPICAL
a11163 POLYMYXIN B SULFATE-TRIMETHOPRIM
a11166 DORZOLAMIDE OPHTHALMIC-TIMOLOL

a11298 FOLIC ACID;MULTIVITAMIN;SODIUM CHLORIDE;THIAMINE
a11325 NEOMYCIN-POLYMYXIN B SULFATE
a11328 BACITRACIN TOPICAL;NEOMYCIN;POLYMYXIN B SULFATE
a11360 DEXPANTHENOL;NIACIN;PYRIDOXINE;RIBOFLAVIN;THIAMINE
a11383 BELLADONNA-PHENOBARBITAL
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
a11486 ISOETHARINE-SODIUM CHLORIDE
a11493 SODIUM CHLORIDE-STERILE WATER
a11523 NYSTATIN TOPICAL-TRIAMCINOLONE
a11558 NAPHAZOLINE OPHTHALMIC-PHENIRAMINE
a11576 ANTIPYRINE OTIC-BENZOCAINE TOPICAL
a11585 BENZOCAINE TOPICAL-RESORCINOL TOPICAL
a11621 AMMONIUM LACTATE TOPICAL-MINERAL OIL
a11717 BETAMETHASONE TOPICAL-CLOTRIMAZOLE TOPICAL
a11724 BACITRACIN TOPICAL;NEOMYCIN TOPICAL;POLYMYXIN B OPHTHALMIC
a11730 BUDESONIDE NASAL-FORMOTEROL
a11748 BACITRACIN TOPICAL-POLYMYXIN B OPHTHALMIC
a50235 AMMONIA SPIRIT AROMATIC
a50770 CALCIUM REPLACEMENT
a51675 DEXTROSE
a51740 DIETARY SUPPLEMENT
a52023 ELECTROLYTES
a52395 GELATIN
a52535 HAMAMELIS WATER
a52885 IRON PREPARATIONS
a53298 MEGLUMINE
a53718 MILK SOLIDS NONFAT
a54555 PNEUMOCOCCAL VACCINE
a54655 POTASSIUM REPLACEMENT SOLUTIONS
a54922 PROTEIN SUPPLEMENT
a55115 RINGERS LACTATED
a55218 SILICONE
a55330 SODIUM FLUORIDE
a55510 SUCCINLYCHOLINE
a55520 SUCROSE
a56198 VITAMIN K
a56265 ZINC TOPICAL AGENTS, EXTERNAL USE
a56345 VITAMIN B COMPLEX
a56580 POLOXAMER 188
a57158 TECHNETIUM
a70009 HYALURONIC ACID
a70480 ALPHA LIPOICACID
a70733 VITAMIN K5
a70747 PROLINE
a71008 TECHNETIUM TC 99M MERTIATIDE INJECTION
c00007 ANTIVIRAL AGENTS
c00009 CEPHALOSPORINS
c00012 MISCELLANEOUS ANTIBIOTICS

c00039 MISCELLANEOUS BIOLOGICALS
c00042 ANGIOTENSIN CONVERTING ENZYME INHIBITORS
c00055 ANTIHYPERTENSIVE COMBINATIONS
c00059 MISCELLANEOUS ANALGESICS
c00060 NARCOTIC ANALGESICS
c00061 NONSTEROIDAL ANTI-INFLAMMATORY AGENTS
c00065 ANTIEMETIC;ANTIVERTIGO AGENTS
c00070 MISCELLANEOUS ANXIOLYTICS, SEDATIVES AND HYPNOTICS
c00072 GENERAL ANESTHETICS
c00076 MISCELLANEOUS ANTIDEPRESSANTS
c00080 MISCELLANEOUS CENTRAL NERVOUS SYSTEM AGENTS
c00082 ANTICOAGULANTS
c00090 ANTIDIARRHEALS
c00095 LAXATIVES
c00096 MISCELLANEOUS GI AGENTS
c00102 CONTRACEPTIVES
c00105 MISCELLANEOUS AGENTS
c00109 LOCAL INJECTABLE ANESTHETICS
c00110 MISCELLANEOUS UNCATEGORIZED AGENTS
c00115 NUTRITIONAL PRODUCTS
c00117 MINERALS AND ELECTROLYTES
c00118 ORAL NUTRITIONAL SUPPLEMENTS
c00124 ANTITUSSIVES
c00127 DECONGESTANTS
c00129 MISCELLANEOUS RESPIRATORY AGENTS
c00131 ANTI-ASTHMATIC COMBINATIONS
c00135 ANTISEPTIC AND GERMICIDES
c00138 TOPICAL STEROIDS
c00139 TOPICAL ANESTHETICS
c00140 MISCELLANEOUS TOPICAL AGENTS
c00169 MISCELLANEOUS OPHTHALMIC AGENTS
c00172 MISCELLANEOUS OTIC AGENTS
c00193 ANTIMIGRAINE AGENTS
c00204 MISCELLANEOUS ANTICONVULSANTS
c00208 SSRI ANTIDEPRESSANTS
c00220 HERBAL PRODUCTS
c00254 IMMUNOLOGIC AGENTS
c00301 GLUCOCORTICOIDS
c00320 SMOKING CESSATION AGENTS
c00363 PROBIOTICS
c00899 PHARMACEUTICAL AID
d00001 ACYCLOVIR
d00002 AMIODARONE
d00003 AMPICILLIN
d00004 ATENOLOL
d00007 CEFZOLIN
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
d00032 PROPRANOLOL
d00035 CHLOROQUINE
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
d00067 AZTREONAM
d00069 TOBRAMYCIN
d00070 FUROSEMIDE
d00071 FLUCONAZOLE
d00072 CEFIXIME
d00073 CEFPROZIL
d00079 CYCLOSPORINE
d00080 CEFADROXIL
d00082 IMIPENEM-CILASTATIN
d00083 VALPROIC ACID
d00084 PREDNISOLONE
d00087 AMIKACIN
d00088 AMOXICILLIN
d00089 AMOXICILLIN-CLAVULANATE
d00090 AMPICILLIN-SULBACTAM
d00091 AZITHROMYCIN
d00094 CEFOXITIN
d00095 CEFPODOXIME
d00096 CEPHALEXIN

d00097 CLARITHROMYCIN
d00098 DAPSONE
d00100 GRISEOFULVIN
d00101 ISONIAZID
d00102 ITRACONAZOLE
d00103 KETOCONAZOLE
d00106 METHENAMINE
d00108 METRONIDAZOLE
d00110 MINOCYCLINE
d00112 NITROFURANTOIN
d00114 OFLOXACIN
d00115 OXACILLIN
d00116 PENICILLIN
d00119 SULFAMETHOXAZOLE
d00123 TRIMETHOPRIM
d00124 SULFAMETHOXAZOLE-TRIMETHOPRIM
d00125 VANCOMYCIN
d00132 HYDRALAZINE
d00134 METOPROLOL
d00138 PRAZOSIN
d00139 TIMOLOL
d00140 CIMETIDINE
d00141 FAMOTIDINE
d00142 THEOPHYLLINE
d00143 PHENYTOIN
d00144 NORTRIPTYLINE
d00145 DESIPRAMINE
d00146 AMITRIPTYLINE
d00148 DIAZEPAM
d00149 LORAZEPAM
d00150 COLCHICINE
d00152 CLOXACILLIN
d00153 DICLOXACILLIN
d00154 MEBENDAZOLE
d00161 ACETAZOLAMIDE
d00164 ADENOSINE
d00168 ALPRAZOLAM
d00169 AMILORIDE
d00170 ASPIRIN
d00174 ATROPINE
d00175 BENZTROPINE
d00179 BUMETANIDE
d00180 BUPIVACAINE
d00181 BUPROPION
d00182 BUSPIRONE
d00189 CHLORDIAZEPOXIDE
d00190 CHLOROTHIAZIDE
d00191 CHLORPHENIRAMINE
d00192 CHLORTHALIDONE
d00193 CHOLESTYRAMINE
d00197 CLONAZEPAM
d00199 CLOZAPINE
d00200 CROMOLYN

d00201 CYTARABINE
d00206 DEXAMETHASONE
d00207 DEXTROMETHORPHAN
d00208 DIFLUNISAL
d00210 DIGOXIN
d00212 DIPHENHYDRAMINE
d00216 DOPAMINE
d00217 DOXEPIN
d00218 DOXORUBICIN
d00219 DROPERIDOL
d00223 EPOETIN ALFA
d00224 ESMOLOL
d00227 ETHOSUXIMIDE
d00231 FELODIPINE
d00233 FENTANYL
d00234 FLECAINIDE
d00235 FLUOROURACIL
d00236 FLUOXETINE
d00237 FLUPHENAZINE
d00241 FOLIC ACID
d00242 FOSINOPRIL
d00245 GEMFIBROZIL
d00246 GLIPIZIDE
d00248 GLYBURIDE
d00252 HEPARIN
d00253 HYDROCHLOROTHIAZIDE
d00254 HYDROCORTISONE
d00255 HYDROMORPHONE
d00259 IMIPRAMINE
d00260 INDAPAMIDE
d00262 INSULIN
d00265 IPRATROPIUM
d00269 ISOSORBIDE MONONITRATE
d00272 KETAMINE
d00273 KETOROLAC
d00277 LEVODOPA
d00278 LEVOTHYROXINE
d00280 LOVASTATIN
d00282 MANNITOL
d00284 MEDROXYPROGESTERONE
d00289 MERCAPTOPYRINE
d00290 METHIMAZOLE
d00293 METHYLPREDNISOLONE
d00298 METOCLOPRAMIDE
d00299 METOLAZONE
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
d00344 POLYMYXIN B SULFATE
d00345 POTASSIUM CHLORIDE
d00346 POVIDONE IODINE TOPICAL
d00348 PRAVASTATIN
d00350 PREDNISON
d00352 PRIMIDONE
d00355 PROCHLORPERAZINE
d00356 PROMAZINE
d00358 PROPAFENONE
d00363 PYRIDOSTIGMINE
d00365 QUINAPRIL
d00370 OCTREOTIDE
d00371 SOTALOL
d00373 SPIRONOLACTONE
d00377 SUCRALFATE
d00378 SUFENTANIL
d00379 SULFASALAZINE
d00381 TAMOXIFEN
d00384 TEMAZEPAM
d00386 TERAZOSIN
d00395 TRAZODONE
d00396 TRIAMTERENE
d00397 TRIAZOLAM
d00398 VASOPRESSIN
d00399 VECURONIUM
d00402 VITAMIN A
d00405 VITAMIN E
d00409 RIBOFLAVIN
d00412 PYRIDOXINE
d00413 CYANOCOBALAMIN
d00425 CALCIUM CARBONATE
d00426 ASCORBIC ACID
d00427 POTASSIUM PHOSPHATE-SODIUM PHOSPHATE
d00438 SODIUM CHLORIDE
d00440 SODIUM BICARBONATE
d00468 MAGNESIUM SULFATE
d00472 TROMETHAMINE
d00475 SODIUM PHOSPHATE
d00485 IODINE TOPICAL
d00488 LYSINE
d00491 LEVOCARNITINE

d00497 OMEGA-3 POLYUNSATURATED FATTY ACIDS
d00512 FILGRASTIM
d00521 ALTEPLASE
d00529 TRANEXAMIC ACID
d00537 ESTRADIOL
d00541 CONJUGATED ESTROGENS
d00550 PROGESTERONE
d00554 HYDROXYPROGESTERONE
d00555 NORETHINDRONE
d00557 LEVONORGESTREL
d00558 TESTOSTERONE
d00563 FINASTERIDE
d00583 DESMOPRESSIN
d00584 OXYTOCIN
d00587 METHYLERGONOVINE
d00593 GLUCAGON
d00595 GLUCOSE
d00598 CALCITONIN
d00608 FLUDROCORTISONE
d00620 TRIAMCINOLONE
d00626 DEXAMETHASONE TOPICAL
d00628 BETAMETHASONE
d00649 ETHACRYNIC ACID
d00651 UREA TOPICAL
d00652 GLYCERIN
d00653 ISOSORBIDE
d00655 THYROID DESICCATED
d00683 LIDOCAINE TOPICAL
d00689 AMLODIPINE
d00699 EPINEPHRINE
d00700 EPHEDRINE
d00704 PHENYLEPHRINE
d00709 BISOPROLOL
d00717 GUANFACINE
d00726 DOXAZOSIN
d00728 RAMIPRIL
d00730 BENAZEPRIL
d00732 LISINOPRIL
d00743 SODIUM POLYSTYRENE SULFONATE
d00744 COLESTIPOL
d00746 SIMVASTATIN
d00749 ALBUTEROL
d00752 TERBUTALINE
d00758 AMINOPHYLLINE
d00760 BECLOMETHASONE
d00762 ACETYLCYSTEINE
d00769 PSEUDOEPHEDRINE
d00772 OXYMETAZOLINE NASAL
d00785 BROMPHENIRAMINE
d00787 PROMETHAZINE
d00790 CYPROHEPTADINE

d00796 BENZONATATE
d00797 GUAIFENESIN
d00801 CAFFEINE
d00804 DEXTROAMPHETAMINE
d00806 PHENTERMINE
d00813 BENZOCAINE TOPICAL
d00817 HYDROXYCHLOROQUINE
d00838 BUTORPHANOL
d00839 NALBUPHINE
d00840 BUPRENORPHINE
d00842 SALSALATE
d00843 SODIUM SALICYLATE
d00848 DICLOFENAC
d00851 ETODOLAC
d00855 PERPHENAZINE
d00859 MECLIZINE
d00861 DIMENHYDRINATE
d00862 TRIMETHOBENZAMIDE
d00866 DRONABINOL
d00867 ONDANSETRON
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
d00968 DANTROLENE
d00978 ALUMINUM HYDROXIDE
d00982 MAGNESIUM HYDROXIDE
d00985 HYOSCYAMINE
d00986 SCOPOLAMINE
d00988 BELLADONNA
d00992 GLYCOPYRROLATE
d00999 DICYCLOMINE
d01003 PANCREATIN
d01005 URSODIOL
d01008 MAGNESIUM CITRATE
d01013 SENNA
d01015 BISACODYL
d01017 POLYCARBOPHIL
d01018 PSYLLIUM
d01019 MINERAL OIL
d01021 DOCUSATE
d01024 LACTULOSE
d01025 LOPERAMIDE
d01026 BISMUTH SUBSALICYLATE

d01027 SIMETHICONE
d01028 CHARCOAL
d01031 MESALAMINE
d01113 COLISTIMETHATE
d01115 BACITRACIN
d01120 ATOVAQUONE
d01123 PYRANTEL
d01133 IMMUNE GLOBULIN INTRAVENOUS
d01139 RHO (D) IMMUNE GLOBULIN
d01147 RABIES VACCINE (OBSOLETE)
d01148 RABIES IMMUNE GLOBULIN, HUMAN
d01158 HAEMOPHILUS B CONJUGATE VACCINE (OBSOLETE)
d01160 RUBELLA VIRUS VACCINE
d01163 POLIOVIRUS VACCINE, INACTIVATED
d01164 INFLUENZA VIRUS VACCINE, INACTIVATED
d01166 HEPATITIS B VACCINE (OBSOLETE)
d01168 TETANUS TOXOID
d01171 TUBERCULIN PURIFIED PROTEIN DERIVATIVE
d01191 PILOCARPINE OPHTHALMIC
d01199 HOMATROPINE OPHTHALMIC
d01200 TROPICAMIDE OPHTHALMIC
d01201 CYCLOPENTOLATE OPHTHALMIC
d01208 SULFACETAMIDE SODIUM OPHTHALMIC
d01217 TETRACAINE
d01218 PROPARACAINE OPHTHALMIC
d01219 FLUORESCEIN OPHTHALMIC
d01226 HYDROXYPROPYL METHYLCELLULOSE OPHTHALMIC
d01227 BOTULINUM TOXIN TYPE A
d01231 CHLORHEXIDINE TOPICAL
d01232 CARBAMIDE PEROXIDE TOPICAL
d01238 TERCONAZOLE TOPICAL
d01241 CLINDAMYCIN TOPICAL
d01244 TRETINOIN TOPICAL
d01246 BENZOYL PEROXIDE TOPICAL
d01257 NITROFURAZONE TOPICAL
d01259 SILVER SULFADIAZINE TOPICAL
d01265 SULFACETAMIDE SODIUM TOPICAL
d01267 MUPIROCIN TOPICAL
d01271 ECONAZOLE TOPICAL
d01272 CICLOPIROX TOPICAL
d01279 PERMETHRIN TOPICAL
d01282 ALCLOMETASONE TOPICAL
d01288 CLOBETASOL TOPICAL
d01290 DESONIDE TOPICAL
d01291 DESOXIMETASONE TOPICAL
d01294 FLUOCINONIDE TOPICAL
d01296 FLUTICASONE
d01298 HALOBETASOL TOPICAL
d01300 MOMETASONE TOPICAL
d01301 DIBUCAINE TOPICAL
d01303 PRAMOXINE TOPICAL

d01305 DYCLONINE TOPICAL
d01306 COCAINE TOPICAL
d01307 SALICYLIC ACID TOPICAL
d01313 TRICHLOROACETIC ACID TOPICAL
d01315 COLLAGENASE TOPICAL
d01321 CAPSAICIN TOPICAL
d01322 ALUMINUM CHLORIDE HEXAHYDRATE TOPICAL
d01333 BENZALKONIUM CHLORIDE TOPICAL
d01345 THIOGUANINE
d01353 LEUPROLIDE
d01373 HYDROXYUREA
d01406 NALTREXONE
d01407 FLUMAZENIL
d01423 POTASSIUM CITRATE
d01425 FLAVOXATE
d01427 BETHANECHOL
d01445 BARIUM SULFATE
d01456 IOHEXOL
d01461 IOPAMIDOL
d01469 IOVERSOL
d01473 DIATRIZOATE
d02375 PLASMA PROTEIN FRACTION
d02376 ALBUMIN HUMAN
d02377 DEXTRAN-1
d03007 MEASLES;MUMPS;RUBELLA VIRUS VACCINE
d03041 ENOXAPARIN
d03050 LORATADINE
d03052 HYDROCHLOROTHIAZIDE-TRIAMTERENE
d03054 AMYLASE
d03061 BUTALBITAL
d03066 CITRIC ACID
d03071 DIPHENOXYLATE
d03075 HYDROCODONE
d03080 LIPASE
d03085 PEPSIN
d03098 SODIUM CITRATE
d03110 DIPHTH;PERTUSSIS, ACEL;TETANUS (OBSOLETE)
d03128 ERGOCALCIFEROL
d03129 CHOLECALCIFEROL
d03130 THIAMINE
d03135 PHYTONADIONE
d03136 VITAMIN A & D TOPICAL
d03137 CALCIUM-VITAMIN D
d03140 MULTIVITAMIN
d03141 MULTIVITAMIN WITH IRON
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
d03193 AMILORIDE-HYDROCHLOROTHIAZIDE
d03195 MICONAZOLE TOPICAL
d03197 BETAMETHASONE TOPICAL
d03200 ERYTHROMYCIN TOPICAL
d03202 KETOCONAZOLE TOPICAL
d03205 HYDROCORTISONE TOPICAL
d03206 TRIAMCINOLONE TOPICAL
d03208 METRONIDAZOLE TOPICAL
d03210 SELENIUM SULFIDE TOPICAL
d03211 CIPROFLOXACIN OPHTHALMIC
d03214 KETOROLAC OPHTHALMIC
d03221 PREDNISOLONE OPHTHALMIC
d03222 TOBRAMYCIN OPHTHALMIC
d03227 FLUOROMETHOLONE OPHTHALMIC
d03238 ETHINYL ESTRADIOL-NORETHINDRONE
d03241 ETHINYL ESTRADIOL-NORGESTREL
d03242 ETHINYL ESTRADIOL-LEVONORGESTREL
d03258 ATENOLOL-CHLORTHALIDONE
d03266 HYDROCHLOROTHIAZIDE-LISINAPRIL
d03296 ACETAMINOPHEN-CHLORPHENIRAMINE
d03297 ACETAMINOPHEN-PHENYLTOLOXAMINE
d03301 BROMPHENIRAMINE-PSEUDOEPHEDRINE
d03302 BROMPHENIRAMINE-PHENYLPROPANOLAMINE
d03340 HOMATROPINE-HYDROCODONE
d03356 CHLORPHENIRAMINE-HYDROCODONE
d03357 CODEINE-PROMETHAZINE
d03360 DEXTROMETHORPHAN-PROMETHAZINE
d03368 BROMPHENIRAMINE;DEXTROMETHORPHAN;PSE
d03369 CHLORPHENIRAMINE;DEXTROMETHORP;PHENYLEPHRINE
d03372 BROMPHENIRAMINE;DEXTROMETHORPHAN;PPA
d03379 GUAIFENESIN-PSEUDOEPHEDRINE
d03388 ETHINYL ESTRADIOL-ETHYNODIOL
d03389 ESTRADIOL-TESTOSTERONE
d03393 CODEINE-GUAIFENESIN
d03400 DEXTROMETHORPHAN-GUAIFENESIN
d03423 ACETAMINOPHEN-CODEINE
d03425 ACETAMINOPHEN;BUTALBITAL;CAFFEINE;CODEINE
d03428 ACETAMINOPHEN-HYDROCODONE
d03431 ACETAMINOPHEN-OXYCODONE
d03439 ACETAMINOPHEN;ASPIRIN;CAFFEINE
d03455 ACETAMINOPHEN;BUTALBITAL;CAFFEINE
d03456 ACETAMINOPHEN-BUTALBITAL
d03457 ASPIRIN;BUTALBITAL;CAFFEINE
d03463 AMITRIPTYLINE-PERPHENAZINE
d03473 CARBIDOPA-LEVODOPA
d03474 ALUMINUM HYDROXIDE-MAGNESIUM HYDROXIDE

d03478 AL HYDROXIDE;MG HYDROXIDE;SIMETHICONE
d03485 ATROPINE;HYOSCYAMINE;PB;SCOPOLAMINE
d03496 DOCUSATE-SENNA
d03498 CASANTHRANOL-DOCUSATE
d03506 ATROPINE-DIPHENOXYLATE
d03509 ERYTHROMYCIN-SULFISOXAZOLE
d03524 BACITRACIN;NEOMYCIN;POLYMYXIN B TOPICAL
d03536 DEXAMETHASONE-TOBRAMYCIN OPHTHALMIC
d03546 HYDROCORTISONE-PRAMOXINE TOPICAL
d03561 BETAMETHASONE-CLOTRIMAZOLE TOPICAL
d03562 NYSTATIN-TRIAMCINOLONE TOPICAL
d03563 DESERPIDINE
d03569 CARBINOXAMINE
d03593 CALCIUM CARBONATE-MAGNESIUM CARBONATE
d03600 POTASSIUM BICARBONATE
d03623 ACETIC ACID TOPICAL
d03632 CETYLPYRIDINIUM TOPICAL
d03634 BENZOCAINE-CETYLPYRIDINIUM TOPICAL
d03640 BUDESONIDE NASAL
d03641 PETROLATUM TOPICAL
d03644 LACTOBACILLUS ACIDOPHILUS
d03647 ISOPROPYL ALCOHOL TOPICAL
d03655 LIDOCAINE-PRILOCAINE TOPICAL
d03664 PHENOL TOPICAL
d03665 MENTHOL TOPICAL
d03669 MENTHOL-METHYL SALICYLATE TOPICAL
d03684 THROMBIN TOPICAL
d03689 CALCIUM ACETATE
d03692 BENZYLPENICILLOYL-POLYLYSINE
d03740 ENALAPRIL-HYDROCHLOROTHIAZIDE
d03752 TACROLIMUS
d03756 BACITRACIN TOPICAL
d03759 SALMETEROL
d03761 LANOLIN TOPICAL
d03766 ROCURONIUM
d03768 OCULAR LUBRICANT
d03770 EMOLLIENTS, TOPICAL
d03775 FAMCICLOVIR
d03781 ETHINYL ESTRADIOL-NORGESTIMATE
d03782 DESOGESTREL-ETHINYL ESTRADIOL
d03783 BUPIVACAINE-EPINEPHRINE
d03784 EPINEPHRINE-LIDOCAINE
d03788 CALCIPOTRIENE TOPICAL
d03790 POTASSIUM PHOSPHATE
d03796 MAGNESIUM CHLORIDE
d03797 MAGNESIUM OXIDE
d03804 FLUVOXAMINE
d03805 DORZOLAMIDE OPHTHALMIC
d03806 ALBENDAZOLE
d03807 METFORMIN
d03809 LAMOTRIGINE
d03818 LORATADINE-PSEUDOEPHEDRINE
d03820 HEPATITIS A VACCINE (OBSOLETE)

d03821 LOSARTAN
d03823 IRON POLYSACCHARIDE
d03824 FERROUS SULFATE
d03826 TRAMADOL
d03827 CETIRIZINE
d03828 LANSOPRAZOLE
d03829 AMLODIPINE-BENAZEPRIL
d03830 HYDROCHLOROTHIAZIDE-LOSARTAN
d03832 VARICELLA VIRUS VACCINE
d03833 DIVALPROEX SODIUM
d03838 VALACYCLOVIR
d03839 MYCOPHENOLATE MOFETIL
d03843 GADOTERIDOL
d03847 CARVEDILOL
d03849 ALENDRONATE
d03850 BICALUTAMIDE
d03857 BENZOYL PEROXIDE-ERYTHROMYCIN TOPICAL
d03858 LAMIVUDINE
d03862 MAGNESIUM AMINO ACIDS CHELATE
d03864 GLIMEPIRIDE
d03866 CALCIUM CITRATE
d03873 ANASTROZOLE
d03879 CANNABIS (SCHEDULE I SUBSTANCE)
d03882 CEFEPIME
d03884 TROLAMINE SALICYLATE TOPICAL
d03897 LACTASE
d03898 SODIUM CHLORIDE, HYPERTONIC, OPHTHALMIC
d03927 BACITRACIN OPHTHALMIC
d03952 CITRIC ACID-SODIUM CITRATE
d03962 POTASSIUM BICARBONATE-POTASSIUM CITRATE
d03973 ERYTHROMYCIN OPHTHALMIC
d03974 GENTAMICIN OPHTHALMIC
d03977 OFLOXACIN OPHTHALMIC
d03981 TETRACAINE OPHTHALMIC
d03982 TETRACAINE TOPICAL
d03990 CARBAMIDE PEROXIDE OTIC
d03994 COLLOIDAL OATMEAL TOPICAL
d03998 STERILE WATER
d04012 TERBINAFINE
d04015 ADAPALENE TOPICAL
d04016 IODIXANOL
d04017 LATANOPROST OPHTHALMIC
d04025 MIRTAZAPINE
d04027 MEROPENEM
d04035 AMPHETAMINE-DEXTROAMPHETAMINE
d04040 FEXOFENADINE
d04041 FOSPHENYTOIN
d04044 RESORCINOL TOPICAL
d04047 MIDODRINE
d04048 BRIMONIDINE OPHTHALMIC
d04049 AMMONIUM LACTATE TOPICAL

d04050 OLANZAPINE
d04051 ROPIVACAINE
d04054 PENCICLOVIR TOPICAL
d04057 ZINC SULFATE
d04058 MELATONIN
d04066 ALBUTEROL-IPRATROPIUM
d04068 AZELASTINE NASAL
d04090 LACTIC ACID TOPICAL
d04099 DONEPEZIL
d04101 IVERMECTIN
d04102 TIZANIDINE
d04105 ATORVASTATIN
d04106 FOSFOMYCIN
d04109 LEVOFLOXACIN
d04111 GLATIRAMER
d04113 VALSARTAN
d04115 TOPIRAMATE
d04117 OLOPATADINE OPHTHALMIC
d04121 TAMSULOSIN
d04125 IMIQUIMOD TOPICAL
d04134 POLYMYXIN B OPHTHALMIC
d04142 CHROMIUM PICOLINATE
d04145 PRAMIPEXOLE
d04160 SODIUM BIPHOSPHATE-SODIUM PHOSPHATE
d04192 COLISTIN;HC;NEOMYCIN;THONZONIUM OTIC
d04196 BACITRACIN;HC;NEOMYCIN;POLYMYXIN B TOPICAL
d04197 HYDROCORTISONE;NEOMYCIN;POLYMYXIN B TOPICAL
d04208 SILVER NITRATE TOPICAL
d04215 ROPINIROLE
d04220 QUETIAPINE
d04222 IRBESARTAN
d04223 MOMETASONE NASAL
d04226 AMINOSALICYLIC ACID
d04233 TRIAMCINOLONE NASAL
d04242 SODIUM CHLORIDE NASAL
d04245 HYDROCHLOROTHIAZIDE-IRBESARTAN
d04248 METHYLCELLULOSE
d04249 CELLULOSE
d04256 CEFDINIR
d04258 CLOPIDOGREL
d04267 REPAGLINIDE
d04270 FEXOFENADINE-PSEUDOEPHEDRINE
d04275 BECLOMETHASONE NASAL
d04276 BUDESONIDE
d04283 FLUTICASON NASAL
d04284 FLUTICASON TOPICAL
d04285 NARATRIPTAN
d04286 FENOFIBRATE
d04288 CIPROFLOXACIN-HYDROCORTISONE OTIC
d04289 MONTELUKAST
d04293 HYDROCHLOROTHIAZIDE-VALSARTAN
d04298 PHENYLEPHRINE TOPICAL
d04299 SILDENAFIL

d04312 PARICALCITOL
d04317 DIPHTHERIA TOXOID
d04322 CANDESARTAN
d04328 RIZATRIPTAN
d04332 CITALOPRAM
d04342 INFLIXIMAB
d04344 ROTAVIRUS VACCINE
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
d04378 MODAFINIL
d04380 CELECOXIB
d04382 CILOSTAZOL
d04387 SODIUM FERRIC GLUCONATE COMPLEX
d04395 CLOTRIMAZOLE TOPICAL
d04399 NYSTATIN TOPICAL
d04404 TAZOBACTAM
d04411 GARLIC
d04416 VALERIAN
d04418 GLUCOSAMINE
d04420 CHONDROITIN-GLUCOSAMINE
d04427 LEVALBUTEROL
d04429 ORLISTAT
d04435 DOXERCALCIFEROL
d04441 KETOTIFEN OPHTHALMIC
d04442 PIOGLITAZONE
d04453 SIROLIMUS
d04460 ENTACAPONE
d04462 OSELTAMIVIR
d04468 CLOVE
d04481 ROYAL JELLY
d04497 ASPIRIN-DIPYRIDAMOLE
d04499 LEVETIRACETAM
d04500 MOXIFLOXACIN
d04505 DEXMEDETOMIDINE
d04513 OXCARBAZEPINE
d04514 PANTOPRAZOLE
d04523 UBIQUINONE
d04527 ZONISAMIDE
d04532 MELOXICAM
d04534 LINEZOLID
d04535 ARTICAINE-EPINEPHRINE
d04537 RIVASTIGMINE
d04538 INSULIN GLARGINE

d04557 CLOBAZAM
d04572 FORMOTEROL
d04611 FLUTICASONE-SALMETEROL
d04654 DOXYLAMINE-PYRIDOXINE
d04674 DIPHTH;HAEMOPHILUS;PERTUSSIS;TETANUS;POLIO
d04675 DIPHTHERIA;PERTUSSIS,ACEL;TETANUS;POLIO
d04685 HEPATITIS A-HEPATITIS B VACCINE
d04695 COLESEVELAM
d04697 INSULIN ASPART
d04700 BALSALAZIDE
d04702 DOCOSANOL TOPICAL
d04703 GLYBURIDE-METFORMIN
d04708 ZOLEDRONIC ACID
d04717 LOPINAVIR-RITONAVIR
d04725 IRON SUCROSE
d04726 5-HYDROXYTRYPTOPHAN
d04740 TACROLIMUS TOPICAL
d04747 ZIPRASIDONE
d04749 ESOMEPRAZOLE
d04753 TRAVOPROST OPHTHALMIC
d04754 BIMATOPROST OPHTHALMIC
d04760 DROSPIRENONE-ETHINYL ESTRADIOL
d04764 CETIRIZINE-PSEUDOEPHEDRINE
d04766 ACETAMINOPHEN-TRAMADOL
d04771 DARBEPOETIN ALFA
d04772 ETONOGESTREL
d04773 ETHINYL ESTRADIOL-ETONOGESTREL
d04774 TENOFOVIR
d04777 DEXMETHYLPHENIDATE
d04779 ETHINYL ESTRADIOL-NORELGESTROMIN
d04782 BOSENTAN
d04783 ERTAPENEM
d04784 PIMECROLIMUS TOPICAL
d04786 FONDAPARINUX
d04796 PERFLUTREN
d04797 ALFUZOSIN
d04801 OLMESARTAN
d04803 VORICONAZOLE
d04812 ESCITALOPRAM
d04819 BUPRENORPHINE-NALOXONE
d04824 EZETIMIBE
d04825 ARIPIPRAZOLE
d04826 NITAZOXANIDE
d04827 ATOMOXETINE
d04829 TIOTROPIUM
d04832 DIPHTHERIA;HEPB;PERTUSSIS,ACEL;POLIO;TETANUS
d04835 ADALIMUMAB
d04836 CYCLOSPORINE OPHTHALMIC
d04844 CAMPHOR-MENTHOL TOPICAL
d04851 ROSUVASTATIN
d04852 BUPIVACAINE-FENTANYL
d04884 EMTRICITABINE
d04890 CIPROFLOXACIN-DEXAMETHASONE OTIC

d04896 TADALAFIL
d04899 MEMANTINE
d04905 BROMPHENIRAMINE;DEXTROMETHORPH;PHENYLEPHRINE
d04917 FLUOXETINE-OLANZAPINE
d04920 PNEUMOCOCCAL 7-VALENT CONJUGATE VACCINE
d04921 TETANUS-DIPHTH TOXOIDS (TD) ADULT;ADOL
d04986 ACAMPROSATE
d05048 AMLODIPINE-ATORVASTATIN
d05218 CINACALCET
d05225 LACTOBACILLUS RHAMNOSUS
d05265 NEBIVOLOL
d05283 BRIMONIDINE-TIMOLOL OPHTHALMIC
d05294 RIFAXIMIN
d05337 PNEUMOCOCCAL 23-POLYVALENT VACCINE
d05338 DIPHTHERIA-TETANUS TOXOIDS (DT) PED
d05343 HAEMOPHILUS B CONJUGATE (PRP-T) VACCINE
d05346 GADOBUTROL
d05350 POLYETHYLENE GLYCOL 3350
d05352 EMTRICITABINE-TENOFOVIR
d05355 DULOXETINE
d05357 IBANDRONATE
d05366 ACETAMINOPHEN;DEXTROMETHORPHAN;DOXYLAMINE
d05413 SOLIFENACIN
d05421 ESZOPICLONE
d05428 GADOBENATE DIMEGLUMINE
d05432 MENINGOCOCCAL CONJUGATE VACCINE
d05435 CITRIC ACID;MG OXIDE;NA PICOSULFATE
d05436 INSULIN DETEMIR
d05508 PREGABALIN
d05518 BROMFENAC OPHTHALMIC
d05525 ENTECAVIR
d05529 EXENATIDE
d05578 RAMELTEON
d05583 ACETAMINOPHEN;DEXTROMETHORPHAN;PE
d05612 RASAGILINE
d05645 MEASLES;MUMPS;RUBELLA;VARICELLA VIRUS VACCINE
d05646 SACCHAROMYCES BOULARDII LYO
d05649 CEFTRIAXONE-LIDOCAINE
d05702 METHYLSULFONYLMETHANE
d05706 IVABRADINE
d05719 RANOLAZINE
d05736 LUBIPROSTONE
d05776 IODINE
d05781 TETANUS;DIPHTH;PERTUSS (TDAP) ADULT;ADOL
d05807 VARENICLINE
d05813 ZOSTER VACCINE LIVE
d05815 FLUORESCEIN
d05817 HUMAN PAPILLOMAVIRUS VACCINE
d05819 DIPHENHYDRAMINE-IBUPROFEN
d05835 RANIBIZUMAB OPHTHALMIC
d05848 ROTIGOTINE

d05851 LEVOCETIRIZINE
d05869 PROTHROMBIN COMPLEX
d05887 SULFUR HEXAFLUORIDE
d05893 ARFORMOTEROL
d05896 SITAGLIPTIN
d06214 COLLAGEN
d06297 PALIPERIDONE
d06307 GADOTERATE MEGLUMINE
d06370 TURMERIC
d06507 CINNAMON
d06662 AMLODIPINE-VALSARTAN
d06663 LISDEXAMFETAMINE
d06720 METFORMIN-SITAGLIPTIN
d06848 LUTEIN
d06860 OXYGEN
d06867 BIOTIN
d06905 AMLODIPINE-OLMESARTAN
d07048 RALTEGRAVIR
d07113 DESVENLAFAXINE
d07131 REGADENOSON
d07135 METHYLNALTREXONE
d07225 CIPROFLOXACIN-FLUOCINOLONE OTIC
d07347 BIFIDOBACTERIUM INFANTIS
d07348 GLYCOPYRROLATE TOPICAL
d07349 LACOSAMIDE
d07356 RIVAROXABAN
d07361 SUGAMMADEX
d07385 HEPARIN FLUSH
d07395 DEXLANSOPRAZOLE
d07396 USTEKINUMAB
d07397 FEBUXOSTAT
d07409 PRASUGREL
d07447 TOLVAPTAN
d07466 LIRAGLUTIDE
d07467 SAXAGLIPTIN
d07473 ASENAPINE
d07491 DIPHENHYDRAMINE;LIDOCAINE;NYSTATIN TOPICAL
d07496 TOCILIZUMAB
d07505 COPPER
d07507 ESLICARBAZEPINE
d07586 PNEUMOCOCCAL 13-VALENT CONJUGATE VACCINE
d07637 PITAVASTATIN
d07660 FORMOTEROL-MOMETASONE
d07684 ROFLUMILAST
d07685 CARBOXYMETHYLCELLULOSE
d07705 LURASIDONE
d07721 TICAGRELOR
d07727 PENICILLIN G BENZATHINE
d07740 VILAZODONE
d07767 LINAGLIPTIN
d07778 FIDAXOMICIN
d07804 APIXABAN
d07876 MIRABEGRON

d07891 ICOSAPENT
d07899 COBICISTAT;ELVITEGRAVIR;EMTRICITABINE;TENOFV
d07902 LINACLOTIDE
d07904 PERAMPANEL
d07928 DAPAGLIFLOZIN
d07963 ALOGLIPTIN
d08054 INSULIN DEGLUDEC
d08080 CANAGLIFLOZIN
d08086 BRIMONIDINE-BRINZOLAMIDE OPHTHALMIC
d08100 FLUTICASONE-VILANTEROL
d08117 DOLUTEGRAVIR
d08125 VORTIOXETINE
d08187 UMECLIDINIUM
d08188 UMECLIDINIUM-VILANTEROL
d08250 MENINGOCOCCAL GROUP B VACCINE
d08275 EMPAGLIFLOZIN
d08289 NALOXEGOL
d08305 COBICISTAT-DARUNAVIR
d08362 OLODATEROL-TIOTROPIUM
d08373 BREXPIRAZOLE
d08379 CARIPRAZINE
d08384 EMPAGLIFLOZIN-METFORMIN
d08397 OSIMERTINIB
d08418 ELBASVIR-GRAZOPREVIR
d08429 VENETOCLAX
d08521 PLECANATIDE
d08560 DEUTETRABENAZINE
d08635 GLECAPREVIR-PIBRENTASVIR
d08687 LATANOPROSTENE BUNOD OPHTHALMIC
d08688 SEMAGLUTIDE
d08736 BICTEGRAVIR;EMTRICITABINE;TENOFVIR
d08738 COBICISTAT;DARUNAVIR;EMTRICITABINE;TENOF
d08796 ERENUMAB
d08797 SODIUM ZIRCONIUM CYCLOSILICATE
d08857 ETHINYL ESTRADIOL-SEGESTERONE
d08919 CANNABIDIOL
d08941 GALCANEZUMAB
d09220 CHLOPHEDIANOL;PSEUDOEPHEDRINE;PYRILAMINE
d09243 RISANKIZUMAB
d09516 RIMEGEPANT
d09540 REMDESIVIR
n08012 PACKED RED BLOOD CELLS
n08258 TETROFOSMIN
n09001 RADIOCONTRAST AGENTS
n09135 LIDOCAINE;EPINEPHRINE;TETRACAINE
n09189 RIVAROXABAN
n10015 GLUTATHIONE
n11008 CANNABIS (MEDICAL MARIJUANA)
n11015 HYPOCHLOROUS ACID
n14005 BUPROPION-NALTREXONE
n14008 EMPAGLIFLOZIN

n14010 ABACAVIR;DOLUTEGRAVIR;LAMIVUDINE
n15009 DAPAGLIFLOZIN-METFORMIN
n15015 SUCROFERRIC OXYHYDROXIDE
n16000 SECUKINUMAB
n16004 DULAGLUTIDE
n16009 BREXPIRAZOLE
n16011 EVOLOCUMAB
n16015 VALSARTAN

B. DRUG ENTRY CODES AND NAMES IN NUMERIC ORDER

00002	TAMIFLU	00280	ACETAMINOPHEN W/CODEINE
00004	LIDODERM PATCH	00283	ACETAMINOPHEN W/OXYCODONE
00009	BICILLIN L-A	00293	AMLACTIN
00013	MYCOPHENOLATE MOFETIL	00295	ACETAZOLAMIDE
00022	PREVNAR	00305	ACETIC ACID
00032	EXCEDRIN MIGRAINE	00317	NICOTROL INHALER
00036	MAALOX PLUS	00329	DTAP-HEPB-IPV
00042	PROTONIX	00332	XOPENEX HFA
00043	D-50-W	00337	DTAP/IPV/HIB
00048	MOBIC	00338	ACETYLCYSTEINE
00052	SILDENAFIL CITRATE	00341	TDAP
00053	TAMSULOSIN HYDROCHLORIDE	00358	FLORINEF
00059	RHO IMMUNE GLOBULIN	00361	FLOVENT HFA
00071	CERTAVITE	00486	ACTIVASE
00076	TRILEPTAL	00535	ADENOSINE
00078	AGGRENOLX	00560	ADRENALIN
00080	CARBIDOPA-LEVODOPA	00597	ADVIL
00081	EXELON	00645	AFRIN
00084	PREGABALIN	00765	ALBUMINAR
00096	OSTEO-BIFLEX	00785	ALCAINE
00102	ISOSORBIDE MONONITRATE	00790	ALCOHOL
00106	ORLISTAT	00805	ALCOHOL RUBBING
00109	URSODIOL	00830	ALDACTONE
00117	CRANBERRY	00980	ALLERGY RELIEF OR SHOTS
00123	NICOTINE	01001	CLARITIN D
00133	CANDESARTAN	01002	NEXIUM
00149	D51/2 NS	01008	ZONEGRAN
00150	NICODERM CQ PATCH	01012	BUDESONIDE
00161	BISOPROLOL	01017	BACTRIM DS
00169	KETOROLAC TROMETHAMINE	01022	METOPROLOL TARTRATE
00176	PREDNISOLONE ACETATE	01024	RABAVERT
00177	SALT WATER	01029	EFFEXOR XR
00184	KEPPRA	01030	ALLOPURINOL
00198	ENOXAPARIN SODIUM	01032	TPA
00207	AMINOSALICYLIC ACID	01034	ADVAIR DISKUS
00208	CELECOXIB	01036	GEODON
00209	GLUCOVANCE	01037	GLUCOTROL XL
00213	PANTOPRAZOLE SODIUM	01038	HALDOL DECANOATE
00218	CARBAMIDE PEROXIDE	01042	REPAGLINIDE
00219	DYCLONINE HCL	01043	ZIPRASIDONE HCL
00224	MILK AND MOLASSES ENEMA	01044	Z-PAK
00233	CONCERTA	01053	AMPICILLIN AND SULBACTAM
00253	LISPRO	01055	ORAPRED
00254	CARTIA XT	01063	TEGRETOL XR
00260	ACETAMINOPHEN	01064	WELLBUTRIN SR
00268	MOMETASONE FUROATE	01086	MSM
00269	SUCCINYLCHOLINE CHLORIDE	01087	PROTOPIC
00273	PROVIGIL	01093	BOTOX
00274	QVAR	01094	CARDIZEM CD

01096 CLINDAGEL	02013 BENICAR
01104 LOESTRIN FE	02018 FOCALIN
01106 LUTEIN	02026 YASMIN
01116 ZYVOX	02027 GLUCAGEN
01124 ULTRACET	02037 LEVETIRACETAM
01146 CHROMIUM PICOLINATE	02042 DUONEB
01153 VAGIFEM	02047 AUGMENTIN ES
01160 D5NS	02054 TRIMETHOPRIM SULFATE/ POLYMYXIN B SULFAT
01187 SUFENTANIL CITRATE	02074 LUPRON
01193 HALOPERIDOL DECONATE	02076 MAPAP
01196 MOXIFLOXACIN	02077 MEROPENEM
01199 NEOSURE	02079 NITROGLYCERIN SUBLINGUAL
01206 COENZYME Q10	02087 SOAPSUDS ENEMA
01207 LITHIUM CARBONATE	02092 MUPIROCIN CALCIUM OINTMENT
01214 LANTUS	02099 DEPAKOTE ER
01216 OXCARBAZEPINE	02104 MAGNESIUM HYDROXIDE
01225 ALUMINUM HYDROXIDE	02108 COLAZAL
01226 ALOPRIM	02119 LEXAPRO
01228 BECLOMETHASONE DIPROPIONATE	02125 ANTIACID
01233 RAPAMUNE	02127 BANANA BAG
01242 CEFAZOLIN SODIUM	02128 BENZONATATE
01246 RIZATRIPTAN BENZOATE	02131 ESOMEPRAZOLE MAGNESIUM
01248 METERED DOSE INHALER	02137 ZYPREXA ZYDIS
01264 DEPACON	02140 THIAMINE HCL
01266 INSULIN GLARGINE	02143 FOLTX
01275 ZONISAMIDE	02146 ADOXA
01281 ADDERALL XR	02158 ANTIBIOTIC AGENT
01282 LATANOPROST	02176 ALPHA LIPOIC ACID
01285 ZOMETA	02187 ALPHAGAN P
01292 CALCIUM POLYCARBOPHIL	02203 ABILIFY
01297 NICOTINE GUM	02209 NOVOLOG
01300 ENTACAPONE	02213 ELIDEL
01307 DORZOLAMIDE AND TIMOLOL	02215 ANTISEPTIC SOLUTION
01308 METHYLERGONOVINE MALEATE	02217 ARANESP
01312 CETYLPYRIDINIUM CHLORIDE	02223 ZETIA
01378 AMIDATE	02231 ADALAT CC
01405 AMIKACIN	02243 BICALUTAMIDE
01410 AMIKIN	02244 CALAN SR
01450 AMINOPHYLLINE	02250 ANTIVERT
01530 AMITRIPTYLINE	02256 ESCITALOPRAM OXALATE
01535 AMITRIPTYLINE HCL W/PERPHENAZINE	02261 VORICONAZOLE
01560 AMMONIA AROMATIC SPIRIT	02279 PULMICORT
01630 AMOXICILLIN	02280 APRI
01635 AMOXICILLIN TRIHYDRATE	02292 VENOFER
01640 AMOXIL	02311 PIOGLITAZONE HCL
01685 AMPICILLIN	02315 ANUSOL-HC
01775 ANALGESIC	02333 ROXICODONE
01838 ANAPROX	02335 APAP
01860 ANBESOL	02336 FIBER-LAX
01865 ANCEF	02341 ARA-C
01975 ANECTINE	02358 PROCTOSOL
01983 ANESTHETIC	02367 NUVARING

02384	DOC-Q-LACE	03279	AMPHETAMINE SALT COMBO
02396	VARICELLA VIRUS VACCINE	03283	CEFDINIR
02405	APRESOLINE	03286	KARIVA
02470	AQUAPHOR	03296	IVERMECTIN
02627	ARMOUR THYROID	03306	NOVALOG
02705	ASCORBIC ACID	03309	PROVENTIL HFA
02805	ASPIRIN	03315	VITAMIN K5
02875	ATARAX	03318	HEPARIN SODIUM
02900	ATIVAN	03319	TRAMADOL HCL
02940	ATROPINE	03327	BIMATOPROST
02950	ATROPINE SULFATE	03328	ENALAPRIL/HCTZ
02982	ATROVENT	03329	FERRLECIT
02987	AUGMENTIN 125	03332	BENADRYL ALLERGY
03006	GI COCKTAIL W/DONNATAL	03359	MODAFINIL
03012	DEPAKOTE SPRINKLE	03368	LINEZOLID
03039	IMODIUM A-D	03371	ALTEPLASE
03050	AVEENO	03379	KENALOG IN ORABASE
03056	CITROMA	03381	MELOXICAM
03068	LEXAPRIL	03386	AQUAPHILIC
03080	STRATTERA	03396	SALMETEROL XINAFOATE
03081	AMOXICILLIN AND CLAVULANATE POTASSIUM	03404	PROLINE
03091	AZELASTINE HCL	03410	BACITRACIN
03104	METROCREAM	03415	BACITRACIN-NEOMYCIN-POLYMYXIN
03109	AUGMENTIN XR	03420	BACITRACIN-POLYMYXIN
03113	AYGESTIN	03423	BACLOFEN
03115	AYR SALINE MIST	03427	HUMIRA
03123	AZATHIOPRINE	03428	EMTRICITABINE
03126	BOWEL PREP	03430	BACTRIM
03134	RESTASIS	03434	HYOSCYAMINE
03139	HECTOROL	03438	BACTROBAN
03141	LISINAPRIL/HCTZ	03700	BECLOMETHASONE
03142	NIFEDIPINE ER	03800	BELLADONNA
03184	WELLBUTRIN XL	03900	BEN-GAY
03185	XANAX XR	03905	BENADRYL
03187	CRESTOR	04000	BENTYL
03188	MUCINEX	04011	NAMENDA
03192	VIGAMOX	04014	ARIPIRAZOLE
03201	MEMANTINE	04020	BENZAC
03211	CIALIS	04035	BENZALKONIUM
03225	AZULFIDINE	04039	CEROVITE SR
03226	ENALAPRIL MALEATE	04042	SPIRIVA
03231	MYTUSSIN	04044	CIPROFLOXACIN EYE SOLUTION
03237	ATOMOXETINE HCL	04051	CYMBALTA
03247	COLESEVELAM HCI	04059	DOCUSATE -SENNA
03251	RANITIDINE HCI	04063	FERREX
03259	R A LOTION	04069	FLAVOXATE HCL
03266	FLAGYL ER	04079	GLYCOLAX
03272	METOPROLOL SUCCINATE	04088	BENZOYL PEROXIDE
03273	NOVOLIN R	04093	JUVEN
03276	SUBOXONE	04120	BETADINE
		04138	UROXATRAL

04146 EZETIMIBE	04858 BROMPHENIRAMINE
04170 BETAMETHASONE	W/PHENYLPROPANOLAMINE
04174 ROBAFEN	05012 PRESERVISION
04175 METFORMIN HYDROCHLORIDE ER	05024 BUMEX
04176 SENNA-S	05033 LUNESTA
04196 CADUET	05035 BUPIVACAINE
04225 BICARBONATE OF SODA	05043 BURN OINTMENT
04232 CARBINOXAMINE MALEATE	05051 VESICARE
04235 BICILLIN	05054 SUBUTEX
04245 FLORANEX TABS	05056 ZEGERID
04246 FLORASTOR	05066 CAMPRAL
04250 BICITRA	05072 BONIVA
04278 RISPERDAL CONSTA	05095 BUTALBITAL
04282 ZEMPLAR	05097 LYRICA
04299 TURMERIC	05099 CLOTRIMAZOLE-BETAMETHASONE
04307 SENNOSIDES	DIPROPIONAT
04317 ALMACONE TABLETS	05106 GLIPIZIDE ER
04320 ATENOLOL/CHLORTHALIDONE	05127 MONONESSA
04339 HERBAL DRUG (UNSPECIFIED)	05154 TECHNETIUM TC 99M MERTIATIDE
04345 BIOTIN	INJECTION
04368 CONTRACEPTIVE AGENT	05172 SULFUR HEXAFLUORIDE
04370 BISACODYL	05197 LOSARTAN-HCTZ
04379 POLYSACCHARIDE-IRON COMPLEX	05207 CEFUROXIME AXETIL
04393 TRUVADA	05213 READICAT
04396 POLYCARBOPHIL	05218 CICLOPIROX
04406 ABREVA	05223 HOMATROPINE-HYDROCODONE
04421 ERTAPENEM	05224 FLUORETS
04422 BABY SHAMPOO	05244 ROZEREM
04440 BISMUTH SUBSALICYLATE	05261 SOLIFENACIN
04448 AMMONIUM LACTATE	05265 CAFFEINE
04473 IOPAMIDOL	05284 COLISTIN
04477 N-ACETYLCYSTEINE	05291 LIDOCAINE/PRILOCAINE
04491 SYMBICORT	05308 MUCINEX DM
04494 IMIQUIMOD	05326 INFLIXIMAB
04528 TAZOBACTAM	05327 SPRINTEC
04529 METHYLPREDNISOLONE SODIUM	05337 LOFIBRA
SUCCINATE	05338 FLUTICASON-SALMETEROL
04532 SILADRYL	05344 FLUOR-A-DAY
04535 BARIUM SULFATE	05347 CALAN
04556 SEVELAMER HYDROCHLORIDE	05393 CALCITONIN
04562 CALCIPOTRIENE	05395 CALCIUM ACETATE
04576 DULOXETINE	05405 CALCIUM CARBONATE
04589 TIOTROPIUM BROMIDE	05415 CALCIUM
04612 IRON SUCROSE	05418 CALCIUM CHLORIDE
04614 CRYSELLE	05430 CALCIUM GLUCONATE
04617 ACCUNEb	05663 CARAFATE
04627 TRAVOPROST	05680 CARBAMAZEPINE
04654 TRACLEER	05789 CARDIZEM
04664 MIRENA	05810 CARISOPRODOL
04680 MAGNOX	05895 CATAPRES
04683 NARATRIPTAN HYDROCHLORIDE	05983 CEFADROXIL
04803 BROMFED	05993 CEFTIN
04845 BROMPHENIRAMINE	05995 CEFAZOLIN

06004 FOCALIN XR	06910 CLEOCIN PHOSPHATE
06015 CELESTONE SOLUSPAN	06913 CLEOCIN T
06017 AMLODIPINE/BENAZEPRIL	06920 CLINDAMYCIN
06038 AMITIZA	06980 CLONAZEPAM
06064 GLYBURIDE/METFORMIN	06985 CLONIDINE
06068 ANASTROZOLE	07001 OSELTAMIVIR
06092 ACETADOTE	07002 FONDAPARINUX
06100 CENTRUM	07003 CLOTRIMAZOLE
06108 GARDASIL	07005 CLOVE OIL
06109 YAZ	07015 CLOXAPEN
06115 CEPACOL ANESTHETIC TROCHE	07023 PROBIOTIC ACIDAPHILES
06118 AZILECT	07076 INVEGA
06121 RANEXA	07079 BROVANA
06122 RIFAXIMIN	07090 BANOPHEN
06125 CEPHALEXIN	07096 FLUTICASONE PROPIONATE
06128 CEPHALOSPORINS	07099 CALCIUM CITRATE W/VITAMIN D
06129 ADACEL	07106 CINNAMON
06138 BOOSTRIX	07110 COCAINE
06144 PROQUAD	07133 LUCENTIS
06153 DEXPAK	07137 EXFORGE
06162 CEFUROXIME	07141 ZOSTAVAX
06164 LEVEMIR	07144 PROAIR HFA
06176 OLOPATADINE	07167 SEASONIQUE
06186 TOBRAMYCIN W/DEXAMETHASONE	07171 LAMISIL AT
06192 CHANTIX	07180 CODEINE
06193 JANUVIA	07182 PATADAY
06194 REVATIO	07183 JANUMET
06221 DECAVAC	07190 CODEINE SULFATE
06242 LEVSIN/SL	07199 SILICONE GEL
06247 FLECAINIDE	07228 THERA-M
06253 JUNEL FE	07239 ICAPS AREDS
06258 ZOSTER VACCINE LIVE	07250 COGENTIN
06260 CHARCOAL	07251 PERCOCET 10
06281 MD-GASTROVIEW	07265 COLACE
06291 TELMISARTAN	07275 COLCHICINE
06324 CLOBAZAM	07284 NEUPRO
06374 CHILDREN'S TYLENOL	07332 POLYVINYL ALCOHOL
06470 CHLORASEPTIC	07337 RACEPINEPHRINE
06495 CHLORDIAZEPOXIDE	07366 VITAMIN D3
06580 CHLOROQUINE	07371 CARBOXYMETHYLCELLULOSE
06590 CHLOROTHIAZIDE	07386 BARACLUDE
06605 CHLORPHENIRAMINE	07387 CINACALCET
06620 CHLORPROMAZINE	07393 CLINDAMYCIN TOPICAL
06645 CHLORTHALIDONE	07406 VYVANSE
06661 CHLORZOXAZONE	07412 ASA
06800 CHRONULAC SYRUP	07454 AZOR
06815 CIMETIDINE	07462 DIABETISOURCE AC
06839 CIPRO	07470 COMPAZINE
06860 CITRATE OF MAGNESIA	07473 BENADRYL CREAM
06865 CITRIC ACID	07481 XYZAL
06905 CLEOCIN	07494 LOVAZA

07543	CONJUGATED ESTROGENS	08181	DILTIAZEM CD
07549	CURCUMIN	08202	ALBUTEROL/IPRATROPIUM
07571	FLULAVAL	08204	TADALAFIL
07572	HYALURONIC ACID	08209	MUCINEX D
07573	MMR VACCINE	08212	SEROQUEL XR
07576	ALIGN	08222	SALINE LOCK
07593	HYDROCREAM	08224	CITRANATAL
07616	DERMABOND	08234	PRISTIQ
07622	FLUARIX	08246	OXYCODONE ER
07635	PRENATAL PLUS	08254	SUDAFED PE
07643	TROMETHAMINE	08286	MULTIHANCE
07652	ETHINYL ESTRADIOL- NORETHINDRONE	08293	SITAGLIPTIN
07670	CORGARD	08303	BACITRACIN ZINC
07680	CORICIDIN	08306	PHENYTOIN SODIUM EXTENDED
07688	INSULIN ASPART	08317	BACITRACIN W/NEOSPORIN
07702	PERFOROMIST	08326	EXCEDRIN EXTRA STRENGTH
07760	CORTEF	08329	ULTRAM ER
07793	CORTISOL	08340	D-50
07920	COUGH SYRUP	08341	CALCIUM CARBONATE W/VIT D
07930	COUMADIN	08343	OCEAN NASAL SPRAY
07997	CREON	08345	DACRIOSE
08006	TAMSULOSIN	08351	IRON SULFATE
08009	INSULIN N	08378	VARENICLINE
08015	CROMOLYN	08412	HEP A+B COMBO
08032	BYSTOLIC	08413	LACTAID
08043	SERUM	08418	POLYMYXIN B SULFATE DROPS
08047	LIALDA	08425	DANTROLENE
08058	PRENATAL	08426	DOXYLAMINE
08061	TENOFOVIR	08429	RHOPHYLAC
08064	OLANZAPINE/FLUOXETINE	08432	NOVOLOG FLEXPEN
08066	IOHEXOL	08440	DAPSONE
08067	BICARB	08452	TUSSIONEX PENNKINETIC
08069	LOVERSOL	08482	LMX CREAM
08071	VISINE TEARS	08497	CENTRUM D
08072	LMX 4 WITH TEGADERM	08513	OPHTHALMIC SOLUTION
08074	PIPERACILLIN TAZOBACTAM	08522	RECLAST
08076	NORGESTIMATE EE	08532	EAR BALM
08077	ESOMEPRAZOLE	08547	PCV
08084	LIDOGEL	08552	PEG 3350
08090	CYANOCOBALAMIN	08553	HIB-PRP-T
08097	EMTRICITABINE/TENOFOVIR	08565	DEBROX
08124	FIBER CAPSULES	08585	DECADRON
08140	CYCLOGYL	08590	DECADRON ELIXIR
08147	MICRO-K	08591	ISENTRESS
08149	ADVAIR	08595	DECADRON PHOSPHATE
08161	ROSUVASTATIN	08619	RALTEGRAVIR
08165	ACULAR	08637	IODIXANOL
08166	ZYDIS	08667	IBANDRONATE
08169	CORTISPORIN TC OTIC	08679	GLATIRAMER
08174	ERYTHROMYCIN BENZOYL PEROXIDE	08688	REGADENOSON
08180	CYPROHEPTADINE	08691	MYOVIEV
		08753	DELSYM
		08770	DELTASONE

08835	DEPAKENE	09418	MAALOX ADVANCED MAXIMUM
08836	DEPAKOTE		STRENGTH
08865	DEPO-MEDROL	09433	DICLOXACILLIN
08870	DEPO-PROVERA	09444	ONGLYZA
08880	DEPO-TESTOSTERONE	09455	DICYCLOMINE
08900	DEPOTESTOGEN	09504	THROMBIN
09000	DERMOPLAST	09505	TRI-SPRINTEC
09002	CONTRAST	09545	DIGOXIN
09010	DESENEX	09551	POSIFLUSH
09020	DESIPRAMINE	09554	TETRAVISC
09025	DESITIN	09561	HONEY
09026	TOPICAL SPRAY	09562	DEXTROMETHORPHAN/GUAIFENSIN
09075	DEXAMETHASONE	09576	POTASSIUM CITRATE
09090	DEXAMETHASONE SODIUM	09577	NYQUIL
09093	WOUND CLEANSER	09583	LANTUS SOLOSTAR
09095	DEXAMETHASONE SODIUM	09585	DILANTIN
	PHOSPHATE	09587	BUPROPION XL
09108	DTAP-POLIO	09597	KINRIX
09122	ULORIC	09598	EYE LUBRICANT
09137	PIMECROLIMUS	09600	DILAUDID
09140	APPLE CIDER VINEGAR	09601	REVELA
09149	INSULIN R	09614	ZOLPIDEM
09151	STEROID	09624	CLOBETASOL PROPIONATE
09174	PRECEDEX	09626	JUNEL
09175	DEXTROSE	09640	DIMENHYDRINATE
09181	TOPICAL ANESTHETIC	09648	RELISTOR
09199	LACOSAMIDE	09651	ACETAMINOPHEN-TRAMADOL
09223	EFFIENT	09655	IV FLUIDS
09224	HEMATOMA BLOCK	09656	PRIVIGEN
09230	CEFTRIAZONE W/LIDOCAINE	09667	DEXMEDETOMIDINE
09253	EPIPEN JR	09669	XYLOCAINE-MPF
09283	ENSURE ENLIVE	09679	COLLAGENASE OINTMENT
09296	KEPPRA XR	09687	TESTOSTERONE CYPIONATE
09297	VALSARTAN/HYDRO-	09702	AZO
	CHLOROTHIAZIDE	09716	KETOCONAZOLE SHAMPOO
09318	MYCOLOG II	09722	CHOLECALCIFEROL
09326	METFORMIN ER	09728	MOTRIN PM
09327	LEXISCAN	09732	INSULIN PUMP
09329	URO-JET	09733	CORVITE
09334	PALIPERIDONE	09741	FEROSUL
09344	PACKED RED BLOOD CELLS	09752	SULFAMETHAZOLE TRIMETHOPRIM
09361	PRENATAL AD	09753	THYROID STIMULATING HORMONE
09365	DIATRIZOATE	09760	KETOTIFEN FUMARATE
09370	DIAZEPAM	09774	CIPRO/HYDROCORTISONE
09377	Z-PACK	09789	PERFLUTREN
09378	MAALOX MAX	09799	NITRO-DERM
09384	DEXMETHYLPHENIDATE	09809	ASPIR-LOW
09390	DIBUCAINE	09827	GADOBENATE DIMEGLUMINE
09391	SAPHRIS	09834	DITROPAN XL
09392	LET GEL	09847	SITZ BATH
09394	SSRI	09850	DIPHENHYDRAMINE

09856	ROTARIX	10256	NICOTINE POLACRILEX
09862	GAS RELIEF	10261	LYSTEDA
09867	POTASSIUM BICARBONATE	10262	HYDROCORTISONE-PRAMOXINE
09869	AMLODIPINE/ATORVASTATIN	10266	GLUTATHIONE
09871	ESTRADIOL PATCH	10272	STELARA
09880	DIPHENOXYLATE HCL & ATROPINE SULFATE	10282	TIROSINT
09882	DEXTROMETHORPHAN	10287	TEMOVATE E
09888	INSULIN DETEMIR	10301	VITAMIN D2
09894	PHOS-NAK	10316	PCV 13
09897	SKINTEGRITY HYDROGEL	10322	HYDROCHLOROTHIAZIDE/ TRIAMTERENE
09899	MEPILEX AG	10325	DOXEPIN
09905	DIPHThERIA TOXOID ADULT	10328	BRIMONIDINE-TIMOLOL
09910	VIMPAT	10348	ARTICAINE W/ EPI
09913	ZOVIA	10355	DOXYCYCLINE
09931	ETHINYL ESTRADIOL/ LEVONORGESTREL	10360	DOXYLAMINE SUCCINATE & PYRIDOXINE HCL
09944	RANOLAZINE	10368	LEVOCETIRIZINE DIHYDROCHLORIDE
09954	DIVALPROEX	10374	TOCILIZUMAB
09957	ALAWAY EYE DROPS	10376	NITAZOXANIDE
09958	RIVAROXABAN	10393	LORATADINE-PSEUDOEPHEDRINE
09964	DIASSTAT ACUDIAL	10397	POTASSIUM BICARBONATE/ POTASSIUM CITRATE
09979	SODIUM POLYSTYRENE SULFONATE	10399	CIPROFLOXACIN-DEXAMETHASONE
09993	DIPHThERIA TOXOID	10411	LOPINAVIR/RITONAVIR
09995	DITROPAN	10423	SALINE CLEANSER
10028	INVEGA SUSTENNA	10424	VAGINAL MOISTURIZER
10044	L-THEANINE	10437	PRASUGREL
10078	DIGITAL NERVE BLOCK	10440	DRISDOL
10083	MYLANTA DS	10453	ARZOL
10087	DOCUSATE	10496	PROHANCE
10089	DOCUSATE CALCIUM	10500	DROPERIDOL
10092	IPV	10506	FEBUXOSTAT
10103	HIBERIX	10509	COLCRYST
10121	DULERA	10518	DRYSOL
10123	VICTOZA	10526	INSULIN ISOPHANE AND REGULAR
10126	DOLOBID	10575	DULCOLAX
10130	DOLOPHINE	10800	DURICEF
10131	OCTAGAM	10925	EAR DROPS
10133	PCV 7	10975	ECOTRIN
10135	DEXILANT	10985	EDECIN
10157	MINERAL OIL ENEMA	11025	EFUDEX
10161	ETHANOL	11035	CAMBIA
10166	BUPRENORPHINE-NALOXONE	11042	TEAR PM
10169	MCV4	11051	LIVALO
10181	LISDEXAMFETAMINE	11065	ELAVIL
10192	SALINE FLUSH	11078	GRALISE
10204	BUTALBITAL-ACETAMINOPHEN	11093	RECOTHROM
10207	TRI-LO-SPRINTEC	11130	ELECTROLYTE
10210	DONNATAL	11142	LATUDA
10216	HPV VACCINE	11143	VIIBRYD
10225	DOPAMINE	11152	ELOCON
10231	NEOMYCIN/POLYMYXIN B/HYDROCORTISONE		

11171	DEFINITY	12042	ASPIR 81
11194	NARCOTIC	12046	PERCOCET
11196	PREGNAZON	12053	PNV-DHA
11197	LURASIDONE	12054	POLIO VACCINE
11203	NOVOFINE	12056	POLYMYXIN B-TRIMETHOPRIM
11213	MENVEO	12057	TUBERCULIN PURIFIED PROTEIN DERIVATIVE
11224	OFIRMEV	12062	BIRTH CONTROL PILLS
11248	MAGNOLIA RHODIOLA COMPLEX	12077	PROBIOTIC
11261	LORYNA	12081	PROCTOSOL HC
11267	MEDICAL MARIJUANA	12082	PROMETHAZINE DM
11275	PRENATABS	12088	ROBITUSSIN DM
11281	SUPPLEMENTAL SHAKES	12090	ROMYCIN
11306	WHEAT DEXTRIN	12092	RONDEC DM
11309	OCULAR LUBRICANT	12096	SALINE MIST
11318	IOVERSOL	12099	SAMSCA
11341	TABLOID	12101	SELENIUM SULFIDE
11353	DALIRESP	12102	SIMPLY SALINE
11354	BUDESONIDE-FORMOTEROL	12105	SMOKING CESSATION
11384	ISOVUE-370	12108	DILTIAZEM ER
11387	VASHE	12112	TRADJENTA
11393	XARELTO	12114	ENTOCORT
11450	EPHEDRINE	12123	ZYRTEC-D
11480	EPHEDRINE SULFATE	12126	INTEGRA
11540	EPINEPHRINE	12149	CORTISPORIN
11548	EPIPEN	12151	DEXTROMETHORPHAN/ PROMETHAZINE
11575	EPSOM SALT	12152	BYDUREON
11615	ERGOCALCIFEROL	12154	ESCITALOPRAM
11665	ERYTHROMYCIN	12157	LEVOCETIRIZINE
11668	ERYTHROMYCIN OPHTHALMIC	12161	MOMETASONE
11669	ERYTHROMYCIN W/SULFISOXAZOLE	12162	PRILOSEC OTC
11688	ESGIC	12171	NORGESTIMATE-ETHINYL ESTRADIOL
11700	ESKALITH	12172	NORTREL 7/7/7
11740	ESTRACE	12176	PREPARATION H
11745	ESTRADIOL	12179	METFORMIN-SITAGLIPTIN
11800	ESTROGEN	12189	GARLIC
11880	ETHINYL ESTRADIOL	12191	LEVALBUTEROL
11898	ETHOSUXAMIDE	12195	SALINE NASAL SPRAY
11945	EUCERIN	12196	SULFAMETHOXAZOLE- TRIMETHOPRIM
12000	MERREM	12202	FORMOTEROL-MOMETASONE
12007	MIDAZOLAM	12209	EPIDURAL
12009	ALENDRONATE	12216	HEPARIN PORCINE
12011	NEXPLANON	12231	RYNEX DM
12013	NICOTINE PATCH	12236	CAMPOR-MENTHOL
12016	NORETHINDRONE	12263	ONFI
12019	AMILORIDE/HYDROCHLOROTHIAZIDE	12318	MYRBETRIQ
12021	AMLODIPINE/VALSARTAN	12342	BRILINTA
12028	OXYCODONE	12368	EFFER-K
12029	OXYBUTYNIN		
12031	OXYMETAZOLINE		
12034	PANTOPRAZOLE		
12036	PARAGARD		

12396 LINAGLIPTIN	14000 HALDOL
12465 FERROUS FUMARATE	14002 APIXABAN
12479 CYANOACRYLATE	14004 CANAGLIFLOZIN
12482 GADAVIST	14006 GADOBUTROL
12490 FERROUS SULFATE	14008 ANORO ELLIPTA
12521 FIBERCON	14013 BREO ELLIPTA
12550 FIORINAL	14014 ACETAMINOPHEN/BUTALBITAL/ CAFFEINE
12585 FLAGYL	14016 CALCIUM CARBONATE/MAGNESIUM CARBONATE
12620 FLEET ENEMA	14040 HALOPERIDOL
12622 FLEET GLYCERIN SUPPOSITORY	14065 HARMONYL
12635 FLEXERIL	14073 CONTRAVE
12715 FLUORESCIN	14076 DAPAGLIFLOZIN
12750 FLUORINSE	14077 DAYSEE
12763 FLUOROMETHOLONE	14087 FARXIGA
12780 FLUPHENAZINE	14098 GRIPE WATER
12830 FLUZONE	14102 JARDIANCE
12835 FLUZONE-TRIVALENT TYPE A,B	14113 OXTELLAR XR
12865 FOLIC ACID	14122 TIVICAY
12880 FOLVITE	14131 ABACAVIR-DOLUTEGRAVIR- LAMIVUDINE
12967 FORTAZ	14190 HEMORRHOIDAL HC
13009 ELIQUIS	14225 HEP-LOCK
13014 IRBESARTAN/ HYDROCHLOROTHIAZIDE	14240 HEPARIN
13015 LISINAPRIL- HYDROCHLOROTHIAZIDE	14245 HEPARIN LOCK FLUSH SOLUTION
13029 ROBAFEN DM	14279 HEPTAVAX-B
13035 FUL-GLO	14415 HIBICLENS
13036 ALBENZA	14440 HIPREX
13040 AUVI-Q	14645 HOMATROPINE
13063 DOLUTEGRAVIR	14727 HUMULIN
13088 INVOKANA	14840 HYDRALAZINE
13097 LINZESS	14875 HYDREA
13106 MAKENA	14930 HYDROCHLOROTHIAZIDE
13118 FUROSEMIDE	14955 HYDROCODONE
13122 PROLENSA	14965 HYDROCORTISONE
13130 SIMBRINZA	14980 HYDROCORTONE
13148 VASCEPA	14985 HYDRODIURIL
13159 TENIVAC	15005 HYDROMORPHONE
13161 TICAGRELOR	15023 NEXTERONE
13205 GARAMYCIN	15026 XULANE
13215 GASTROGRAFIN	15066 RYTARY
13275 GELFOAM	15070 HYDROXYCHLOROQUINE
13320 GENTAMICIN	15076 XIGDUO XR
13535 GLUCAGON	15086 FYCOMPA
13550 GLUCOSE	15090 HYDROXYUREA
13553 GLUCOTROL	15100 HYDROXYZINE
13590 GLUTOSE	15101 VELPHORO
13655 GLYCOPYRROLATE	15105 HYDROXYZINE PAMOATE
13800 GRISEOFULVIN	15115 HYGROTON
13835 GUAIFENESIN	15195 HYPERAB
13838 GUAIFENESIN W/CODEINE	15307 HYTRIN
13875 GUIATUSS	15395 IBUPROFEN
13930 GYNE-LOTRIMIN	

15455 ICY HOT ANALGESIC BALM	16198 BUPIVACAINE-FENTANYL
15520 IMIPRAMINE	16216 BRIDION
15545 IMODIUM	16217 VASOPRESSIN
15548 IMOVAX RABIES	16219 DIPHENHYDRAMINE/ LIDOCAINE/NYSTATIN TOPI
15555 IMURAN	16223 ACETAMINOPHEN/DEXTRO- METHORPHAN/PE
15560 INAPSINE	16228 FIDAXOMICIN
15575 INDERAL	16232 TIOTROPIUM-OLODATEROL
15590 INDOCIN	16237 VENCLEXTA
15600 INDOMETHACIN	16259 VITAMIN A & D TOPICAL
15680 INSULIN	16276 RETACRIT
15685 INTAL	16281 ADMELOG
15730 IODINE	16291 EMGALITY
15990 ISONIAZID	16297 BEXSERO
16000 DICLEGIS	16299 EMPAGLIFLOZIN
16004 COSENTYX	16301 TRESIBA
16007 GENVOYA	16304 LILETTA
16009 INCRUSE ELLIPTA	16323 SYMTUZA
16016 TOUJEO SOLOSTAR	16324 REMDESIVIR
16018 TRULICITY	16326 SODIUM ZIRCONIUM CYCLOSILICATE
16020 ISOPROPYL ALCOHOL	16327 TRINTELLIX
16039 REXULTI	16328 ELBASVIR-GRAZOPREVIR
16048 VORTIOXETINE	16329 GLECAPREVIR-PIBRENTASVIR
16054 REPATHA	16331 AUSTEDO
16061 ENTRESTO	16332 BREXPIPRAZOLE
16076 INSULIN DEGLUDEC	16333 ANNOVERA
16077 VRAYLAR	16334 BASAGLAR
16088 PREZCOBIX	16336 CORLANOR
16089 KCENTRA	16337 EMVERM
16104 INSULIN LISPRO	16338 NURTEC ODT
16106 ALOGLIPTIN	16339 DEXIFOL
16108 FLUTICASONE FUROATE	16341 ESLICARBAZEPINE ACETATE
16111 OTOVEL	16342 SETLAKIN
16114 STIOLTO RESPIMAT	16346 NINJACOF-D
16124 LACTOBACILLUS RHAMNOSUS	16347 SKYRIZI
16128 TRULANCE	16348 NALOXEGOL
16136 AMPICILLIN/SULBACTAM	16349 FEMYNOR
16141 TETANUS-DIPHTHERIA TOXOIDS-TD	16351 LOKELMA
16144 GASTROVIEW	16352 RYBELSUS
16150 OSIMERTINIB	16455 KAYEXALATE
16161 VYZULTA	16475 KEFLEX
16164 AIMOVIG	16485 KEFZOL
16169 BIKTARVY	16505 KENALOG
16181 CLENPIQ	16585 KETALAR
16184 SYNJARDY	16590 KETAMINE
16186 OZEMPIC	16710 KLOR-CON
16187 QBREXZA	16940 LACTIC ACID
16188 SULFACETAMIDE SODIUM TOPICAL	16955 LACTOBACILLUS ACIDOPHILUS
16189 MOMETASONE TOPICAL	16975 LACTULOSE
16192 CANNABIDIOL	17070 LANOLIN
16193 CITRIC ACID-SODIUM CITRATE	
16197 GADOTERATE MEGLUMINE	

17115 LANOXIN	19210 METOLAZONE
17165 LASIX	19218 METOPROLOL
17243 LAXATIVE	19233 METRONIDAZOLE
17345 LEVODOPA	19290 MICONAZOLE
17355 LEVOPHED	19315 MICRONEFRIN
17365 LEVOTHROID	19320 MICRONOR
17370 LEVOTHYROXINE	19445 MINERAL OIL
17375 LEVSIN	19455 MINIPRESS
17450 LIBRIUM	19465 MINOCYCLINE
17485 LIDOCAINE	19635 MICONAZOLE NITRATE
17490 LIDOCAINE HCL	19650 MORPHINE
17495 LIDOCAINE HCL W/EPINEPHRINE	19675 MOTRIN
17560 LIORESAL	19699 MS CONTIN
17670 LIQUIFILM	19715 MUCOMYST
17705 LISTERINE	19825 MULTIPLE VITAMINS
17715 LITHIUM	19840 MULTIVITAMIN
17725 LITHOBID	20025 MYCIFRADIN SULFATE
17833 LOCAL ANESTHETIC	20060 MYCOSTATIN
17840 LOESTRIN	20065 MYDFRIN
17865 LOMOTIL	20075 MYDRIACYL
17880 LOPERAMIDE	20080 MYLANTA
17885 LOPRESSOR	20095 MYLICON
17888 LORAZEPAM	20270 NAPHCN-A
17925 LOTRIMIN	20285 NAPROSYN
18015 LUMINAL	20290 NAPROXEN
18050 LYSINE	20310 NARCAN
18125 MAALOX	20595 NEO-SYNEPHRINE
18195 MAGNESIUM CITRATE	20690 NEOMYCIN
18215 MAGNESIUM SULFATE	20730 NEOSPORIN
18345 MANNITOL	20735 NEOSTIGMINE
18395 MARCAINE	20855 NEUTROGENA
18400 MARCAINE HCL W/EPINEPHRN	20885 NIACIN
18520 MAXITROL	21130 NITRO-BID
18523 MAXZIDE	21145 NITROFURANTOIN
18552 MEBENDAZOLE	21160 NITROGLYCERIN
18555 MECLIZINE	21165 NITROGLYN
18640 MEDROL	21185 NITROSTAT
18643 MEDROXYPROGESTERONE	21203 NIZORAL
18645 MEFOXIN	21228 NORDETTE
18745 MENTHOL	21280 NORFLEX
18760 MEPERIDINE	21354 NORMAL SALINE/ISOETHARINE
18775 MEPHYTON	21373 NORMODYNE
18820 MERCAPTOPYRINE	21403 NORTRIPTYLINE
18920 MESTINON	21513 NTG
18930 METAMUCIL	21585 NUPERCAINAL
18985 METHADONE	21695 NYSTATIN
19035 METHENAMINE	21701 NYSTATIN W/TRIAMCINOLONE
19045 METHERGINE	21750 OCEAN MIST
19070 METHOCARBAMOL	21795 OMNIPEN
19090 METHOTREXATE	21845 OPHTHETIC
19175 METHYLPHENIDATE	22065 ORPHENADRINE
19180 METHYLPREDNISOLONE	22110 OS-CAL
19208 METOCLOPRAMIDE	22233 OXACILLIN

22287	OXYBUTYNIN CHLORIDE	24885	PREDNISOLONE
22303	OXYCODONE HCL	24890	PREDNISONE
22305	OXYCODONE HCL & ACETAMINOPHEN	24950	PREMARIN
22306	OXYCODONE W/APAP	25055	PRIMIDONE
22315	OXYGEN	25078	PRINIVIL
22323	OXYMETAZOLINE HCL	25213	PROCARDIA
22345	OXYTOCIN	25220	PROCHLORPERAZINE
22520	PAMELOR	25255	PROCTOFOAM-HC
22858	PARENTERAL NUTRITION/VIA FLEX	25305	PROGESTERONE
23120	PEDIALYTE	25330	PROLIXIN
23185	PEN-VEE K	25355	PROMAZINE
23215	PENICILLIN	25365	PROMETHAZINE
23221	PENICILLIN G POTASSIUM	25432	PROMETHAZINE W/CODEINE
23222	PENICILLIN G PROCAINE	25433	PROMETHAZINE W/DM
23225	PENICILLIN V	25485	PROPARACAINE
23228	PENICILLIN V POTASSIUM	25638	PROVENTIL
23230	PENICILLIN VK	25640	PROVERA
23355	PEPSIN	25674	PROZAC
23370	PEPTO-BISMOL	25695	PSEUDOEPHEDRINE
23385	PERCOCET-5	25810	PYRIDIUM
23400	PERCOGESIC	25820	PYRIDOSTIGMINE
23430	PERI-COLACE	25825	PYRIDOXINE HCL
23440	PERIACTIN	25950	QUELICIN
23523	PERPHENAZINE	25965	QUESTRAN
23585	PETROLATUM	26090	RABIES VACCINE
23610	PHAZYME	26255	REGLAN
23685	PHENASEPTIC MOUTHWASH	26453	RESTORIL
23715	PHENAZOPYRIDINE	26475	RETIN-A
23755	PHENERGAN	26685	RIBOFLAVIN
23845	PHENOBARBITAL	26715	RIFAMPIN
23855	PHENOBARBITAL & BELLADONNA	26760	RITALIN
23935	PHENOL	26785	ROBAXIN
23970	PHENTERMINE	26805	ROBINUL
24015	PHENYLEPHRINE	26830	ROBITUSSIN
24045	PHENYTOIN	26835	ROBITUSSIN A-C SYRUP
24175	PHYTONADIONE	26870	ROCALTROL
24195	PILOCARPINE	26958	ROXICET
24255	PITOCIN	27075	RUBELLA VIRUS VACCINE LIVE
24300	PLAQUENIL	27340	SALICYLATE
24310	PLASMA-LYTE	27345	SALICYLIC ACID
24355	PNEUMOVAX	27368	SALINE
24420	POLY-VI-SOL	27405	SALSALATE
24470	POLYMYXIN	27545	SCOPOLAMINE
24510	POLYSPORIN	27735	SELSUN BLUE
24555	PONTOCAINE	27749	SENEXON
24590	POT CHLOR	27770	SENNA
24730	POTASSIUM PHOSPHATE	27785	SENOKOT
24765	POVIDONE	27795	SENOKOT S
24805	PRAZOSIN	27816	SENSORCAINE
24850	PRED FORTE	27840	SEPTRA DS
		27855	SERAX

27985 SILVADENE	31927 TRANDATE
27995 SILVER NITRATE	31997 TRAZODONE
28015 SILVER SULFADIAZINE	32013 TRENAL
28030 SIMETHICONE	32145 TRI-VI-SOL
28080 SINEMET	32195 TRIAMCINOLONE
28350 SKELAXIN	32200 TRIAMCINOLONE ACETONIDE
28391 SLOW-MAG	32273 TRIAMTERENE
28455 SODIUM BICARBONATE	32353 TRIDIL
28460 SODIUM BIPHOSPHATE	32423 TRIMETHOPRIM W/SULFASOXAZOLE
28495 SODIUM CHLORIDE	32430 TRIMOX
28575 SODIUM CITRATE	32438 TRIMETHOPRIM
28595 SODIUM FLUORIDE	32515 TRIPLE ANTIBIOTIC
28665 SODIUM PHOSPHATE	32658 TROPICAMIDE
28790 SOLU-CORTEF	32735 TUMS
28800 SOLU-MEDROL	32905 TYLENOL
28825 SOMA	32920 TYLENOL NO. 3
29250 SPIRONOLACTONE	32925 TYLENOL NO. 4
29285 STADOL	32930 TYLENOL W/CODEINE
29498 STEROID(S)	33170 UNISOM
29533 STOOL SOFTENER	33215 UREA
29645 SUBLIMAZE	33225 URECHOLINE
29660 SUCCINYLMCHOLINE	33448 VACCINATION
29695 SUCROSE	33530 VALERIAN
29705 SUDAFED	33555 VALIUM
29840 SULFAMETHOXAZOLE	33573 VALPROIC ACID
29865 SULFASALAZINE	33580 VANCOCIN
29888 SULFATRIM	33588 VANCOMYCIN
30145 SUPPORT	33670 VASELINE
30215 SURGICEL	33780 VEETIDS
30395 SYNTHROID	33843 VENTOLIN
30495 TAGAMET	33858 VERAPAMIL
30553 TAMOXIFEN	33895 VERMOX
30585 TAPAZOLE	34085 VIBRA
30730 TEGRETOL	34090 VIBRAMYCIN
30756 TEMAZEPAM	34110 VICODIN
30777 TENEX	34270 VISTARIL
30782 TENORMIN	34360 VITAMIN A
30805 TERBUTALINE	34425 VITAMIN B COMPLEX
30880 TESSALON PERLE	34430 VITAMIN B COMPLEX B-12 W/C
30915 TESTOSTERONE	34455 VITAMIN B-1
31015 TETANUS TOXOID	34495 VITAMIN B-12
31025 TETRACAINE	34505 VITAMIN B-2
31030 TETRACAINE HCL	34510 VITAMIN B-6
31045 TETRACYCLINE	34520 VITAMIN C
31235 THEOPHYLLINE	34565 VITAMIN D
31325 THERAGRAN	34575 VITAMIN E
31335 THERAGRAN-M	34623 VITAMIN K
31455 THIAMINE	34725 VOLTAREN
31550 THORAZINE	34775 WARFARIN
31658 TIMOLOL	34790 WATER DISTILLED
31723 TOBRADEX	34855 WESTCORT
31725 TOBRAMYCIN	34920 WITCH HAZEL
31728 TOBEX OPHTHALMIC	35023 XANAX

35050 XEROFOAM DRESSING	60370 CORDARONE
35060 XYLOCAINE	60415 DEXAMETHASONE/ NEOMYCIN/POLYMIX
35080 XYLOCAINE HCL W/EPINEPHRINE	60440 DIANEAL W/DEXTROSE
35085 XYLOCAINE VISCOUS	60550 EYE DROPS
35155 ZAROXOLYN	60565 FENTANYL CITRATE
35224 ZESTRIL	60595 FIORICET
35240 ZINC	60640 GENTAMICIN OPHTHALMIC
35245 ZINC GLUCONATE	60665 GLYCERIN
35250 ZINC OXIDE	60735 INFLUENZA VIRUS VACC
35260 ZINC SULFATE	60765 ISOVUE
35295 ZINCATE	60775 K-DUR
35341 ZOVIRAX	60790 KLONOPIN
35350 ZYLOPRIM	60795 LACHYDRIN
35425 ANTIDIARRHEAL AGENT	60800 LACTATED RINGER'S
35460 ANTIINFLAMMATORY AGENT	60835 LOTRISONE
35475 ANTINAUSEANT AGENT	60870 MARINOL
35510 ANTIVIRAL AGENT	60940 MSIR
35590 TRIMETHOBENZAMIDE HCL	60950 MURINE EAR DROPS
35595 TRIMETHOPRIM/ SULFAMETHOXAZOLE	60990 NALBUPHINE HCL
40250 BUTALBITAL/ASPIRIN/CAFFEINE	60995 NALOXONE HCL
40285 CALTRATE	61025 NICORETTE
40455 CYCLOPENTOLATE	61035 NIX
40460 CYTOTEC	61045 NOVOLIN
40520 DESYREL	61080 OMNIPAQUE
40540 DEXTROSE SODIUM CHLORIDE	61095 OPHTHAINE
40610 DIPHENOXYLATE	61140 PEDIAPRED
41150 NASALCROM	61160 PEPCID
41185 NORCURON	61185 PIPERACILLIN
41315 POLYETHYLENE GLYCOL	61205 POVIDONE-IODINE
41420 ROXANOL	61245 PROPRANOLOL HCL
41495 SODIUM POLYSTYRENE SULFON	61295 ROCEPHIN
41715 TRONOLANE	61385 SULFACETAMIDE SODIUM
41780 ZANTAC	61405 TAMBOCOR
41830 PSYLLIUM	61440 TEMOVATE
41860 FOLATE	61495 TOPICORT
41905 THYROXINE	61565 VASOTEC
42425 GOLYTELY	61570 VERSED
42800 NORMAL SALINE	61605 WELLBUTRIN
42985 PROPRANOLOL	61625 TRIAMTERENE W/HCTZ
60110 ATROPAIR OPHTHALMIC	70078 CANNABIS
60115 AUGMENTIN	89010 BETAMETHASONE DIPROPIONATE
60125 AUGMENTIN 500	89012 BROMFED-DM
60150 BACITRACIN OPHTHALMIC	89014 BUPIVACAINE W/EPINEPHRINE
60180 BENZTROPINE MESYLATE	89018 CLINDAMYCIN HCL
60195 BETAMETHASONE SOD PHOSPHATE	89019 CLONIDINE HCL
60265 BUPRENEX	89020 CYCLOBENZAPRINE HCL
60270 BUSPAR	89021 CYKLOKAPRON
60295 CEFOTAN	89025 DOXEPIN HCL
60325 CITRUCEL	89035 FLUOCINONIDE
60355 COLYTE	89037 HUMULIN 70/30

89038	HYDROCODONE BITARTRATE W/APAP	92002	ACTIDOSE-AQUA
89039	HYDROCODONE W/ACETAMINOPHEN	92003	ALTACE
89040	HYDROCORTISONE ACETATE	92006	BIAXIN
89041	HYDROCORTISONE SOD SUCCINATE	92012	CARDURA
89042	HYDROXYPROGESTERONE CAPROATE	92015	CILOXAN
89045	LIDOCAINE HCL VISCOUS	92019	DEXTRAN
89049	METHYLPREDNISOLONE ACETATE	92020	DEXTROSE 5%-LACTATED RINGERS
89053	NITROFURANTOIN MACROCRYSTALS	92024	DURAGESIC
89061	POLYTRIM	92031	FLOXIN
89062	PRAZOSIN HCL	92033	FLUPHENAZINE DECANOATE
89066	PRELONE	92038	GENTAMICIN SULFATE
89067	PROCARDIA XL	92043	HYOSCYAMINE SULFATE
89068	PROCHLORPERAZINE EDISYLATE	92051	LODINE
89069	PROCHLORPERAZINE MALEATE	92052	LOTENSIN
89074	ROWASA	92061	NASACORT
89076	SUPRAX	92076	PRAVACHOL
89080	TIMOLOL MALEATE	92078	PROCRIT
91000	ALBUTEROL SULFATE	92087	STERILE WATER
91002	AMILORIDE HCL	92095	TROPHAMINE
91009	BUTALBITAL/APAP/CAFFAINE	92100	ULTRAVATE
91014	DOXORUBICIN HCL	92105	ZOFRAN
91015	DOXYCYCLINE HYCLATE	92107	BENAZEPRIL
91027	GUAIFENESIN AC	92111	CIPROFLOXACIN
91028	HALOPERIDOL LACTATE	92112	CLARITHROMYCIN
91029	HYDROXYZINE HCL	92115	CLOZAPINE
91034	LOTRIMIN AF	92116	DICLOFENAC
91035	LUPRON DEPOT	92120	DOXAZOSIN MESYLATE
91039	NIFEDIPINE	92122	EPOETIN ALFA
91043	PRILOSEC	92124	ETODOLAC
91052	SSD	92125	FELODIPINE
91061	ACYCLOVIR	92126	FLUTICASONE
91062	ALPRAZOLAM	92128	FOSINOPRIL
91063	ATENOLOL	92130	HALOBETASOL
91064	AZTREONAM	92131	HEPATITIS B VACCINE
91066	BUSPIRONE HCL	92134	LEVONORGESTREL
91068	CEFTAZIDIME	92135	MESALAMINE
91069	CEFTRIAXONE	92137	METROGEL
91072	DILTIAZEM HCL	92140	OFLOXACIN
91074	ENALAPRIL	92141	ONDANSETRON
91078	FLECAINIDE ACETATE	92149	QUINAPRIL
91079	FLUOXETINE	92150	RAMIPRIL
91081	GLIPIZIDE	92152	TERCONAZOLE
91084	IPRATROPIUM BROMIDE	92153	TRANEXAMIC ACID
91085	KETOCONAZOLE	92156	DIFLUCAN
91088	LOVASTATIN	92157	ELIMITE
91089	METHIMAZOLE	92161	TORADOL
91091	MISOPROSTOL	92164	LISINOPRIL
91096	OMEPRAZOLE	92180	LORTAB
91099	RANITIDINE	93009	ALBUMIN
91103	IBU	93022	ARTIFICIAL TEAR SOLUTION
92000	ACCUPRIL	93024	ASPERCREME
		93030	BLEPH-10
		93036	CARDENE

93041 CITRACAL	93249 VALPROATE
93059 EPOGEN	93256 PNEUMOCOCCAL VACCINE
93062 FISH OIL	93257 LORATADINE
93064 FLEXALL	93262 MIDAZOLAM HCL
93065 GAS-X	93305 GLYBURIDE
93067 GENTAK	93306 ADENOCARD
93090 MACROBID	93307 ENGERIX-B
93094 ROMAZICON (MAZICON)	93309 BENZODIAZEPINES
93098 MONODOX	93311 PEDVAX HIB
93101 NASAL SPRAY	93325 EMLA
93105 NICODERM	93327 ITRACONAZOLE
93107 NICOTROL	93337 PROPOFOL
93113 OCUVITE	93344 SOAP
93116 ORAGEL	93345 DIPRIVAN
93120 PEDIASURE	93347 AMBIEN
93121 PERIDEX	93348 PHOSLO
93127 PROSCAR	93352 FAMOTIDINE
93131 REFRESH	93355 BUPROPION
93136 RHOGAM	93371 MIDODRINE
93143 SHUR-CLENS	93386 GI COCKTAIL
93156 TOPROL XL	93387 CEFOXITIN
93159 TRIAD	93394 AEROSOL THERAPY
93164 VAGISIL	93395 INHALER
93166 VANTIN	93396 AMLODIPINE
93179 ZITHROMAX	93400 NEBULIZER
93181 ZOCOR	93404 SUCRALFATE
93183 ZOLOFT	93405 SANDOSTATIN
93185 ZOSTRIX	93417 CEFPROZIL
93186 ANTIHYPERTENSIVE AGENT	93418 FILGRASTIM
93187 NORVASC	93419 TRIAZOLAM
93188 NALTREXONE	93424 FLUDROCORTISONE ACETATE
93193 SERTRALINE	93447 EMOLLIENT / LOTION / CREAM /MOISTURIZER
93197 RYTHMOL	93448 VECURONIUM
93200 ACTIGALL	93449 RABIES IMMUNE GLOBULIN
93202 CYCLOSPORINE	94001 SOTALOL
93203 LABETALOL	94002 BENZONATE
93208 JEVITY	94004 PAROXETINE
93210 FIBER SUPPLEMENT	94007 ENEMA
93211 AMIODARONE	94010 PENTASA
93212 PAXIL	94011 CATAFLAM
93213 GEMFIBROZIL	94014 VENLAFAXINE
93214 AZITHROMYCIN	94029 NULYTELY
93215 FLUCONAZOLE	94031 IMDUR
93218 ORTHO-CEPT	94035 ZOLPIDEM TARTRATE
93220 KETOROLAC	94048 METROGEL VAGINAL
93224 CLARITIN	94049 OYSTER SHELL CALCIUM
93231 IMITREX	94050 PHENOTHIAZINE
93237 SIMVASTATIN	94058 COLLAGEN
93243 LAMISIL	94059 DOVONEX
93245 HALFPRIN	94070 EFFEXOR
93248 SUMATRIPTAN	

94071	INDAPAMIDE	95116	CAPSAICIN
94072	NSAID	95118	HEPATITIS A VACCINE
94073	OCUFLOX	95122	PREVACID
94080	DESMOPRESSIN	95133	METFORMIN
94081	DIVALPROEX SODIUM	95144	LOTREL
94097	MEPRON	95149	ZOSYN
94099	NEURONTIN	95152	COZAAR
94104	RISPERIDONE	95155	FLAX SEED OIL
94108	TECHNETIUM	95157	COLESTIPOL
94114	GABAPENTIN	95164	DORZOLAMIDE
94116	HUMULIN R	95171	HYZAAR
94117	LOVENOX	95174	PROGRAF
94119	NORETHINDRONE ACETATE	95177	FINASTERIDE
94124	CHOLESTYRAMINE	95181	LAMICTAL
94125	ALEVE	95182	VARIVAX
94126	DEMADEX	95183	FOSAMAX
94128	DAYQUIL	95186	ESMOLOL
94133	TERAZOSIN	96003	PERMETHRIN
94134	DESONIDE	96005	ALENDRONATE SODIUM
94136	LAMIVUDINE	96007	CETIRIZINE
94139	CEFPODOXIME	96008	HUMULIN N
94143	DEPO INJECTION	96009	BENZOCAINE
94146	PENICILLIN G BENZATHINE	96010	VAPORIZER
94158	RISPERDAL	96022	ZYRTEC
94179	NABUMETONE	96024	CLOBETASOL
94185	SEIZURE MEDICATION	96027	DOCUSATE SODIUM
94188	FENTANYL	96028	ACETAMINOPHEN-HYDROCODONE
94191	MONISTAT	96029	ALBENDAZOLE
94196	OCTREOTIDE	96031	DRONABINOL
95003	ECONAZOLE	96038	MUPIROCIN
95005	FLONASE	96041	TRAMADOL
95013	GREEN GODDESS	96042	NEORAL
95016	ADDERALL	96043	VALTREX
95017	FAMVIR	96045	DEMEROL
95020	NICARDIPINE	96059	PRENAVITE
95023	CHILDRENS MOTRIN	96087	VIBRA-TABS
95024	FLUVOXAMINE	96091	FLOVENT
95029	DOK	96095	ETOMIDATE
95036	BUPRENORPHINE	96102	EC-NAPROSYN
95042	NOREPINEPHRINE	96107	BUMETANIDE
95046	AMYLASE	96109	OXYCONTIN
95050	ULTRAM	96121	DIMETAPP COLD/ALLERGY
95052	OPTIRAY	96122	REMERON
95054	ACTHIB	96123	ZEBETA
95057	DTAP	96124	HAVRIX
95065	ZEMURON	96125	MELATONIN
95072	BENZTROPINE	96130	LANSOPRAZOLE
95074	DIMETAPP DM	96135	PHENERGAN DM
95089	METAXALONE	96138	AMARYL
95092	PRAVASTATIN	96147	CELLCEPT
95097	CARDIOLITE	96149	IMIPENEM-CILASTATIN SODIUM
95100	PROTEIN SUPPLEMENT	96156	VITAFOL
95111	GLUCOPHAGE	96157	AEROCHAMBER

96158	ALCLOMETASONE DIPROPRIONATE	97168	SEROQUEL
96167	XALATAN	97170	CENTRUM SILVER
96169	ACIDOPHILUS	97174	BABY ASPIRIN
96173	ZYPREXA	97179	DENAVIR
96174	ALLEGRA	98001	MAG-OX
96176	DIFFERIN	98008	CARVEDILOL
96177	IMMUNO THERAPY	98010	NASONEX
97002	OLANZAPINE	98025	MONUROL
97005	CEREBYX	98030	ECHINACEA
97011	MIGRAINE AGENT	98033	ALDARA
97016	ARICEPT	98036	NORCO
97017	HUMALOG	98038	SINGULAIR
97019	SAW PALMETTO	98041	VIAGRA
97020	LIPITOR	98046	MICROZIDE
97028	ALPHAGAN	98049	DONEPEZIL HCL
97035	ASTELIN	98059	FLEET BABYLAX
97036	DIOVAN	98075	CALCIUM CITRATE
97037	PATANOL	98085	NIASPAN
97041	ANTITUSSIVE	98086	PLAVIX
97045	LEVAQUIN	98089	TERBINAFINE
97049	TOPAMAX	98093	MONTELUKAST
97050	VISIPAQUE	98098	COSOPT
97056	MIRTAZAPINE	98101	PRANDIN
97060	FAMCICLOVIR	98109	CHLORHEXIDINE GLUCONATE
97061	NAROPIN	98115	CELEXA
97068	DEXTROSTAT	98117	FENOFIBRATE
97072	HYDROXYPROPYL METHYCELLULOSE	98131	TOPIRAMATE
97073	LOSARTAN	98136	PROMETRIUM
97075	GENTEAL	98139	TIZANIDINE
97084	ROCURONIUM	98141	VALSARTAN
97085	TORSEMIDE	98156	MAXALT
97089	GUANFACINE	98158	TRICOR
97098	PRAMIPEXOLE	98160	ARAVA
97099	GENERAL ANESTHESIC	99001	CEFEPIME
97105	COMBIVENT	99002	CELEBREX
97113	ZANAFLEX	99005	REMICADE
97126	FLOMAX	99006	RENAGEL
97130	TACROLIMUS	99007	ROPIVACAINE HCL
97132	MAXIPIME	99008	ALLEGRA D
97134	PLASMA	99014	OMNICEF
97135	VALACYCLOVIR	99018	ROTAVIRUS VACCINE
97136	LAMOTRIGINE	99026	GLUCOSAMINE
97138	TUSSIN DM	99028	TYLENOL ARTHRITIS
97142	COREG	99029	PREDNISOLONE ACETATE OPHTHALMIC
97145	AVAPRO	99033	CLOPIDOGREL
97146	ESTRING	99036	GLUCOSAMINE CHONDROITIN
97150	REQUIP	99042	PACERONE
97152	MIRAPEX	99043	PROAMATINE
97157	ATORVASTATIN	99051	AVALIDE
97162	FOSPHENYTOIN	99054	FERATAB
97163	LEVOFLOXACIN		

99056	GLIMEPIRIDE	99128	LIPASE
99074	CITALOPRAM	99133	ALBUTEROL
99075	ENBREL	99139	MAGIC MOUTHWASH
99080	MIRALAX	99141	PIN-X
99088	ZIAGEN	99144	RACEMIC EPINEPHRINE
99090	ACTOS	99148	ARMIDEX
99099	PLETAL	99155	L-CARNITINE
99101	QUETIAPINE FUMARATE	99161	ROPINIROLE HCL
99106	XOPENEX	99167	COQ-10
99107	ZADITOR	99169	DEPO-MEDROXYPROGESTERONE
99112	D-5-W	99193	SAM-E
99118	NECON	99201	ORTHO-CYCLEN
99119	NITROPASTE	99207	BRIMONIDINE
99121	TRI-CHLOR	99210	CARTIA
99123	MORPHINE SULFATE	99213	DIASTAT
99124	NASAL DROPS	99216	FEXOFENADINE
99127	LIDOCAINE/EPINEPHRINE/ TETRACAINE	99224	OMEGA-3
		99999	ILLEGIBLE

C. MULTUM LEXICON END-USER LICENSE AGREEMENT

The Multum Lexicon End-User License Agreement for the 2020 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		
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
040	Cardiovascular agents	046	Antiarrhythmic agents	386	Group II 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	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
040	Cardiovascular agents	055	Antihypertensive combinations	475	Potassium sparing diuretics with thiazides

LEVEL 1		LEVEL 2		LEVEL 3	
CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME
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
057	Central nervous system agents	058	Analgesics	193	Antimigraine agents

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	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
057	Central nervous system agents	064	Anticonvulsants	352	Urea 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	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		
057	Central nervous system agents	073	Muscle relaxants	074	Neuromuscular blocking agents

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	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		
081	Coagulation modifiers	082	Anticoagulants	261	Heparins
081	Coagulation modifiers	082	Anticoagulants	262	Coumarins and indanediones
081	Coagulation modifiers	082	Anticoagulants	283	Thrombin inhibitors
081	Coagulation modifiers	082	Anticoagulants	285	Factor Xa inhibitors
081	Coagulation modifiers	083	Antiplatelet agents	211	Platelet aggregation inhibitors
081	Coagulation modifiers	083	Antiplatelet agents	212	Glycoprotein platelet inhibitors
081	Coagulation modifiers	083	Antiplatelet agents	463	Protease-activated receptor-1 antagonists
081	Coagulation modifiers	084	Heparin antagonists		
081	Coagulation modifiers	085	Miscellaneous coagulation modifiers		
081	Coagulation modifiers	086	Thrombolytics		
081	Coagulation modifiers	384	Platelet-stimulating agents		
081	Coagulation modifiers	488	Anticoagulant reversal agents		
087	Gastrointestinal agents	088	Antacids		
087	Gastrointestinal agents	090	Antidiarrheals		

LEVEL 1		LEVEL 2		LEVEL 3	
CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME
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
097	Hormones/hormone modifiers	100	Miscellaneous hormones		
097	Hormones/hormone modifiers	101	Sex hormones	102	Contraceptives
097	Hormones/hormone	101	Sex hormones	182	Androgens and anabolic steroids

LEVEL 1		LEVEL 2		LEVEL 3	
CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME
	modifiers				
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		
097	Hormones/hormone modifiers	413	Antigonadotropic agents		
097	Hormones/hormone modifiers	414	Antidiuretic hormones		

LEVEL 1		LEVEL 2		LEVEL 3	
CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME
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		
105	Miscellaneous agents	110	Miscellaneous uncategorized agents		
105	Miscellaneous agents	111	Psoralens		
105	Miscellaneous agents	114	Illicit (street) drugs		

LEVEL 1		LEVEL 2		LEVEL 3	
CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME
105	Miscellaneous agents	192	Antirheumatics		
105	Miscellaneous agents	270	Antipsoriatics		
105	Miscellaneous agents	284	Viscosupplementation agents		
105	Miscellaneous agents	320	Smoking cessation agents		
105	Miscellaneous agents	460	Phosphate binders		
105	Miscellaneous agents	491	Local injectable anesthetics with corticosteroids		
105	Miscellaneous agents	497	Cation exchange resins		
113	Genitourinary tract agents	263	Impotence agents		
113	Genitourinary tract agents	264	Urinary antispasmodics		
113	Genitourinary tract agents	265	Urinary pH modifiers		
113	Genitourinary tract agents	266	Miscellaneous genitourinary tract agents		
113	Genitourinary tract agents	412	Uterotonic agents		
113	Genitourinary tract agents	427	Tocolytic agents		
115	Nutritional products	116	Iron products		
115	Nutritional products	117	Minerals and electrolytes		
115	Nutritional products	118	Oral nutritional supplements		
115	Nutritional products	119	Vitamins		
115	Nutritional products	120	Vitamin and mineral combinations		
115	Nutritional products	121	Intravenous nutritional products		
122	Respiratory agents	123	Antihistamines		
122	Respiratory agents	124	Antitussives		
122	Respiratory agents	125	Bronchodilators	126	Methylxanthines
122	Respiratory agents	125	Bronchodilators	180	Adrenergic bronchodilators
122	Respiratory agents	125	Bronchodilators	181	Bronchodilator combinations
122	Respiratory agents	125	Bronchodilators	299	Anticholinergic bronchodilators
122	Respiratory agents	127	Decongestants		

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

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

LEVEL 1		LEVEL 2		LEVEL 3	
CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME
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
153	Plasma expanders				
218	Alternative medicines	219	Nutraceutical products		
218	Alternative medicines	220	Herbal products		
218	Alternative medicines	363	Probiotics		
242	Psychotherapeutic agents	079	Psychotherapeutic combinations		
242	Psychotherapeutic agents	249	Antidepressants	076	Miscellaneous antidepressants
242	Psychotherapeutic agents	249	Antidepressants	208	SSRI antidepressants
242	Psychotherapeutic agents	249	Antidepressants	209	Tricyclic antidepressants
242	Psychotherapeutic agents	249	Antidepressants	250	Monoamine oxidase inhibitors
242	Psychotherapeutic agents	249	Antidepressants	306	Phenylpiperazine antidepressants
242	Psychotherapeutic agents	249	Antidepressants	307	Tetracyclic antidepressants
242	Psychotherapeutic agents	249	Antidepressants	308	SSNRI antidepressants
242	Psychotherapeutic agents	251	Antipsychotics	077	Miscellaneous antipsychotic agents

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

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

LEVEL 1		LEVEL 2		LEVEL 3	
CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME
358	Metabolic agents	289	Antihyperuricemic agents		
358	Metabolic agents	293	Glucose elevating agents		
358	Metabolic agents	359	Peripherally acting antiobesity agents		
358	Metabolic agents	360	Lysosomal enzymes		
358	Metabolic agents	361	Miscellaneous metabolic agents		
358	Metabolic agents	409	Bone resorption inhibitors	217	Bisphosphonates
358	Metabolic agents	409	Bone resorption inhibitors	415	Miscellaneous bone resorption inhibitors
358	Metabolic agents	452	CFTR modulators		
358	Metabolic agents	459	Urea cycle disorder agents		
358	Metabolic agents	466	Bone morphogenetic proteins		
358	Metabolic agents	487	CFTR combinations		
358	Metabolic agents	505	Transthyretin stabilizers		
365	Medical gas				
462	Allergenics				
513	Investigational drugs				
899	Pharmaceutical aids				