

ABSTRACT

This material provides documentation for users of the Emergency Department public use micro-data file of the 2016 National Hospital Ambulatory Medical Care Survey (NHAMCS). NHAMCS is a national probability sample survey of visits to hospital outpatient and emergency departments, and hospital-based ambulatory surgery centers, 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.

NOTE: This document contains complete information on emergency department records only, to accompany the release of the emergency department data file.

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 appendixes contain sampling errors, instructions and definitions for completing the Patient Record form, and lists of codes used in the survey.

SUMMARY OF CHANGES FOR 2016

The 2016 NHAMCS Emergency Department (ED) micro-data file is in general similar in layout to the 2015 file but there are some changes. These are described in more detail below.

Note that the questionnaire changes listed below mainly address items that are included on the public use data file and do not constitute a comprehensive list of all changes to the automated Patient Record form and automated Hospital Induction Interview forms.

A. Survey Items

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

NOTE: The headings and corresponding section locations reflected in the 2016 Emergency Department Patient Record Sample Card may not be identical to those in the automated electronic Patient Record Form. The Sample Card (available at the Ambulatory Health Care Data website) is a general representation of the automated instrument, using a more easily read format that is similar to the original paper forms used in earlier years.

Patient information:

- a. Under Patient residence, the category "Homeless" used in 2015 was changed to "Homeless/homeless shelter" for 2016.
- b. Under Date and time of visit, the item "Seen by/MD/DO/NP" used in 2015 was changed to "First provider (physician/APRN/PA) contact".

Triage:

- c. In the heart rate item, an additional instruction "Enter '998' for DOPP or DOPPLER." was added.
- d. The item "Was patient seen in this ED within the last 72 hours and discharged?" was changed to "Was patient seen in this ED within the last 72 hours?".
- e. In the Triage level item, an additional instruction "Enter '0' if no triage. Enter '9' if unknown" was added.
- f. In the Pain scale item, an additional instruction "Enter '99' if unknown" was added.

Reason for visit:

- g. In 2016, the instruction for this item changed to "List the 5 reasons for visit (i.e., symptoms, problems, issues, concerns of the patient) in the order in which they appear. Start with the chief complaint and then move to the patient history for additional reasons."

Injury:

- h. In the "Did the injury/trauma, overdose/poisoning, or adverse effect occur within 72 hours prior to the date and time of this visit?" item, the category "Not applicable" from 2015 was removed.

Diagnosis:

- i. In the item "As specifically as possible, list diagnoses related to this visit including chronic conditions.", an additional instruction "List PRIMARY diagnosis first" was added.

Services:

- j. The heading title "Blood tests" used in 2015 was changed to "Laboratory tests".

- k. Under Laboratory tests, the category "BUN/Creatinine" used in 2015 was changed to "Creatinine/Renal function panel".
- l. Under Laboratory tests, the category "Arterial blood gases" used in 2015 was changed to "Arterial blood gases (ABG)".
- m. Under Laboratory tests, the categories "Blood culture", "Throat culture", "Urine culture", "Wound culture", and "Other culture" were changed to "Culture, blood", "Culture, throat", "Culture, urine", "Culture, wound", and "Culture, other", respectively.
- n. Under Laboratory tests, the category "Glucose" was changed to "Glucose, serum".
- o. Under Laboratory tests, the category "Liver function tests" was changed to "Liver enzymes/Hepatic function panel".
- p. Under Laboratory tests, the category "Prothrombin time/INR" was changed to "Prothrombin time (PT/PTT/INR)".
- q. Under Other tests, the category "Urinalysis (UA)" was changed to "Urinalysis (UA) or urine dipstick".

Procedures:

- r. The category "Lumbar puncture" used in 2015 was changed to "Lumbar puncture (LP)".

Vitals after triage:

- s. The section title "Vital Signs at ED Discharge" was changed to "Vitals after Triage".
- t. Under Vitals after discharge, the item "Were vitals taken at discharge?" was changed to "Does the chart contain vital signs taken after triage?".
- u. Under Vitals after discharge, the item "Temperature" changed to "Temperature in C or F" and the answer items of "Celsius" or "Fahrenheit" from 2015 were removed.
- v. Under Vitals after discharge, an additional instruction "Enter 998 for DOPP or DOPPLER" was added under the Heart rate item.

Disposition:

- w. The category "Left before triage" was changed to "Left without being seen (LWBS)".
- x. The category "Left after triage" was changed to "Left before treatment complete (LBTC)".
- y. The category "Transfer to other hospital" was changed to "Transfer to non-psychiatric hospital".

2. New or Modified Items on the Automated Hospital Induction Interview

- a. Under "Indicate whether your ED has each of the following computerized capabilities and how often these capabilities are used", two new questions were added: "Do you prescribe controlled substances?" and "Are prescriptions for controlled substances sent electronically to the pharmacy?".

- b. Under “Indicate whether your ED has each of the following computerized capabilities and how often these capabilities are used”, a new question was added: Does your ED have the computerized capability for providing data to create reports on clinical care measures for patients with specific chronic conditions (e.g., HbA1C for diabetics)?”
- c. New item: “Do you electronically send patient health information to another provider whose EHR system is different from your own?”
- d. New item: “Do you electronically receive patient health information to another provider whose EHR system is different from your own?”
- e. New item: “Do you electronically send or receive hospital discharge summaries to or from providers outside of your medical organization?”
- f. New item: “Do you electronically send or receive dept. notifications to or from providers outside of your medical organization?”
- g. New item: “Do you electronically send or receive summary of care records for transitions of care or referrals to and from providers outside of your medical organization?”
- h. New item: “Can patients seen at the reporting location do the following online activities?”
 - i. View their medical records online
 - ii. Download and transmit health information from the EMR to their personal files
 - iii. Request corrections to their EMR
 - iv. Enter their health information online (e.g., weight, symptoms)
 - v. Upload their data from self-monitoring devices (e.g., blood glucose readings)
- i. The item “Does your hospital share any patient health information electronically (not fax) with other providers, including hospitals, ambulatory providers, or labs?” from 2015 was changed to “Does your hospital share any patient health information electronically?”
- j. Response categories for the following items were changed from: 1) Yes, used routinely; 2) Yes, but not used routinely; 3) Yes, but turned off or not used; 4) No; and 5) Unknown in 2015 to 1) Yes; 2) No; and 3) Unknown in 2016:
 - i. “Does your ED have the computerized capability for recording patient history and demographic information?”
 - 1. “If yes to recording patient history and demographic information, does this include a patient problem list?”
 - ii. “Does your ED have the computerized capability for recording clinical notes?”
 - iii. “Does your ED have the computerized capability for recording patient's medications and allergies?”

- iv. "Does your ED have the computerized capability for reconciling lists of patients' medications to identify the most accurate list?"
- v. "Does your ED have the computerized capability for providing reminders for guideline-based interventions or screening tests?"
- vi. "Does your ED have the computerized capability for ordering prescriptions?"
 - 1. If yes to computerized capability for ordering prescriptions, "are prescriptions sent electronically to the pharmacy?"
 - 2. If yes to computerized capability for ordering prescriptions, "are warnings of drug interactions or contraindications provided?"
- vii. "Does your ED have the computerized capability for ordering lab tests?"
- viii. "Does your ED have the computerized capability for viewing lab results?"
- ix. "Does your ED have the computerized capability for ordering radiology tests?"
- x. "Does your ED have the computerized capability for viewing imaging results?"
- xi. "Does your ED have the computerized capability for identifying patients due for preventive or follow-up care in order to send patients reminders?"
- xii. "Does your ED have the computerized capability for generating list of patients with particular health conditions?"
- xiii. "Does your ED have the computerized capability for providing patients with clinical summaries for each visit?"
- xiv. "Does your ED have the computerized capability for exchanging secure messages with patients?"

3. Deleted items

- a. From the automated Patient Record Form, under the Hospital Admission section, the "Date and time patient actually left the ED or observation unit" date and time fields were deleted in 2016.
- b. From the automated Hospital Induction Interview form, the following EMR/EHR items were deleted:
 - i. "Does your hospital have plans to apply for stage 1 Meaningful Use of Health IT incentive payments?"
 - ii. "Are there plans to apply for Stage 2 incentive payments?"
 - iii. "Has your hospital made an assessment of the potential risks and vulnerabilities of your electronic health information within the last 12 months?"
 - iv. "Does your EHR have the capability to electronically send health information to another provider whose EHR system is different from your system?"

- v. "Does your ED have the computerized capability for recording and charting vital signs?"
- vi. "Does your ED have the computerized capability for recording patient smoking status?"
- vii. If yes to computerized capability for ordering prescriptions, "are drug formulary checks performed?"
- viii. If yes to computerized capability for ordering lab tests, "are orders sent electronically to the lab?"
- ix. "Can the EHR/EMR automatically graph a specific patient's lab results over time?"
- x. "Does your ED have the computerized capability for identifying educational resources for patients' specific conditions?"
- xi. "Does your ED have the computerized capability for reporting clinical quantity measures to federal or state agencies (such as CMS or Medicaid)?"
- xii. "Does your ED have the computerized capability for electronic reporting to immunization registries?"
- xiii. "Does your ED have the computerized capability for providing patients the ability to view online, download or transmit information from their medical record?"
- xiv. "How do you electronically share patient health information? (EHR/EMR, Web portal, Other electronic methods, Unknown, refused)
- xv. "Is the patient health information that you share electronically sent directly from your EHR system to another EHR system?"
- xvi. "With what types of providers do you electronically share patient health information?"
- xvii. "Are you able to electronically find health information (e.g., medications, outside encounters) from sources outside of the hospital for your patients?"
- xviii. "How do you look up patient health information from sources outside your hospital?"
- xix. "What types of information do you routinely look up? (Lab results, imaging reports, patient problem lists, medication lists, other)"
- xx. "Do you routinely incorporate the information you look up into your EHR?"

B. Data Collection and Comparability of 2016 NHAMCS Estimates with Previous Years of Data

Because the 2012 survey year incorporated major changes to the mode of data collection, much research was conducted to assess the comparability of estimates from 2012 with previous years of data. Those results can be found in the 2012 NHAMCS-ED Public Use File Documentation. For 2016, 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 2016 and 2015 data. To accomplish this, more than 20 tables of 2016 estimates were compared with the same tables of 2015 estimates. The variables that were compared included most of those published in the annual survey web

tables (available from: https://www.cdc.gov/nchs/ahcd/ahcd_products.htm). Significant changes between the two years were noted and investigated. While many estimates were not statistically different in each year, some unexpected results were found. These may reflect actual differences, or they may be related to the changes in item format, the new automated data collection system and/or the increase in Census abstraction. Data users are advised to take these factors into account when using these items or comparing them with previous years. Specific findings include the following, with results being weighted to national estimates:

---Significant increases from 2015 to 2016 in visits with the following services ordered or provided were noted: Comprehensive metabolic panel (23.5% to 28.3%); and lactate (1.3% to 2.2%).

---Visits at which a physician assistant was seen increased from 12.5% in 2015 to 16.6% in 2016.

NCHS staff will continue to monitor these and other changes with regard to 2016 data and beyond in an effort to better assess how much may be attributed to data collection and processing vs. real-world treatment patterns.

C. Sampling Strata and Variance Estimation Issues

NHAMCS currently comprises three components: hospital emergency departments, outpatient departments (OPDs), and ambulatory surgery centers/locations (ASLs). It is important to understand that the first stage of NHAMCS sampling occurs at the geographic level, but the second stage occurs at the hospital level. However, not all hospitals have all three components, and some may choose not to participate in all components, even if they have them. Therefore, it is often the case that not all hospitals participating in NHAMCS are included on the ED file, even though for variance estimation purposes all participating hospitals should be represented (that is, there should be sampling information on the ED public use file for each hospital participating in NHAMCS, in order to obtain the most accurate variance estimation).

In years from 1992-2009, when NHAMCS only included two components (emergency departments and outpatient departments), public use data file users were encouraged to combine the ED and OPD public use files for variance estimation purposes. That ensured that even if not all hospitals were represented on the ED file, the inclusion of records from the OPD file resulted in a complete set of participating hospitals and their sampling design variables.

Starting in 2010, when the ambulatory surgery 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 ambulatory surgery file was not yet available (the 2010 ambulatory surgery public use file was released in early 2017). However, starting in 2012, changes to the mode of data collection in NHAMCS led to unforeseen problems in the sampling of OPD clinics and other related issues, which means that NCHS has not yet been able to release OPD public use files for 2012 through 2016.

For 2012 and 2013, internal research was conducted to study the effects of only using ED data, without the accompanying OPD data, on variance estimation. It was found that the effects on variance estimation were not problematic when compared with variance estimation using internal data and non-masked design variables. The effects did not warrant adding additional (dummy) records to the public use file to represent the missing hospitals with OPDs and/or ASLs but not EDs.

For 2014 and 2015 data, internal research was again conducted, using the same methodology employed since 2012. The effects of the missing sampling design information were more pronounced in 2015 and may lead to more variances being understated compared with what was found in previous years. For most standard error estimates (approximately 75% of the 392 estimates tested) the differences were

small, but the possible understatement in variances for other estimates means a higher likelihood of a Type I error (finding a significant difference in the data that may not actually exist).

For 2016 data, internal research was again conducted, using the same methodology employed since 2012. The effects of the missing sampling design information were more pronounced in 2016 and may lead to more variances being understated compared with what was found in previous years. For most standard error estimates (approximately 75% of the 348 estimates tested) the differences were small, but the possible understatement in variances for other estimates means a higher likelihood of a Type I error (finding a significant difference in the data that may not actually exist).

In order to decrease the possibility of a Type I error when analyzing the 2016 NHAMCS ED public use file, we recommend that 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 at 301-458-4600 or email ambcare@cdc.gov.

Table of Contents

	Page
Abstract	1
Summary of Changes for 2016	2
I. Description of the National Hospital Ambulatory Medical Care Survey	11
A. Introduction	11
B. Sample design	12
C. Data collection procedures	14
D. Field quality control	15
E. Confidentiality	16
F. Data processing	17
G. Medical coding	23
H. Estimation procedures	28
I. Patient visit weight	29
J. Hospital code and patient code	30
K. Use of the ED weight	30
L. Population figures	30
References	38
II. Codebook	39
A. Codebook of Emergency Department Micro-Data File	39
III. Marginal Data	105
A. Emergency department patient visits	105
B. Emergency department drug mentions	108
C. Emergency department estimates	110
Appendixes	
Appendix I	111
A. Standard errors and variance estimation	111
B. Instructions for completing Patient Record forms	114
C. Definitions of certain terms used in the survey	139
Appendix II	146
A. Reason for Visit Classification	146
Appendix III	147
A. Generic codes and names in numeric order	147
B. Drug entry codes and names in numeric order	168
C. Multum End-User License Agreement	201
D. Multum Classification of Therapeutic Classes (Drug Categories)	202

Table of Contents (cont.)

List of Tables and Figures

	Page
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, 2016.....	32
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, 2016.....	34

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 the 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). This documentation mainly describes the ED survey component, as only ED data are being released at this time (October 2018).

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 comprehensive look at ambulatory medical care.

NHAMCS is 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).

As noted above, only the ED data file is being released at this time. In 2016, there were 19,467 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 29. 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. NCHS recently 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 2016 NHAMCS used a national probability sample of visits to the emergency and outpatient 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 and outpatient departments; and type of ownership. The sample uses a four-stage probability design with samples of area primary sampling units (PSUs), hospitals within PSUs, clinics within outpatient departments, and patient visits within clinics/emergency service areas. Each stage of sampling is described below.

1. Primary Sampling Units (PSUs)

1. National sample

In the sample, a PSU consists of a county, a group of counties, or county equivalents (such as parishes and independent cities), towns, townships, minor civil divisions (for some PSUs in New England), or a metropolitan statistical area (MSA). MSAs were defined by the U.S. Office of Management and Budget on the basis of the 1980 Census. The first-stage sample consisted 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 2016 survey using hospital data from IMS Health's (now QuintilesIMS) 2012 annual data product "Healthcare Market Index." In that updated sample, 11 new hospitals were added (births) and 11 hospitals, no longer in existence, were deleted (deaths). The sampling frame and sample will be updated again for the 2017 survey and plans are to update again every two years thereafter.

The original sampling frame was compiled 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 that 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 2016 NHAMCS was conducted from December 28, 2015 through December 25, 2016, and used a sample of 450 hospitals. Of the sampled hospitals, 89 were found to be ineligible due to closing or other reasons. Of the 361 hospitals that were in scope (eligible) for the survey, 265 participated, for an unweighted hospital response rate of 73.4 percent (72.2 percent weighted).

3. Outpatient Clinics and Emergency Service Areas (ESAs)

Within each hospital, outpatient clinics were sampled separately from emergency service areas (ESAs) until data collection for the OPD component was discontinued after the 2017 NHAMCS. Outpatient clinics were in scope if ambulatory medical care was provided under the supervision of a physician and under the auspices of the hospital. Clinics were required to be "organized" in the sense that services were offered at established locations and schedules. Clinics where only ancillary services were provided or other settings in which physician services were not typically provided were out of scope. In addition, freestanding clinics, which are physician practices located within hospitals but separate from OPDs, were out of scope because they are included in NAMCS, and ambulatory surgery centers/locations, whether in hospitals or freestanding, were out of scope through 2008. Ambulatory surgery centers/locations were included in the National Survey of Ambulatory Surgery which was conducted in 1994-96 and again in 2006. Beginning in 2009, and continuing through 2017, data from hospital-based ambulatory surgery centers/locations are gathered as part of a separate NHAMCS ambulatory surgery component. From 2010-2012, data from freestanding ambulatory surgery centers were also gathered as part of this ambulatory surgery component.

A list of in scope and out of scope clinic types is provided in Appendix I (Definition of certain terms used in the survey). The OPD clinic definition excludes the "hospital as landlord" arrangement in which the hospital only rented space to a physician group and was not otherwise involved in the delivery of services. These physicians are considered office-based and are currently included in NAMCS.

Hospitals may define the term "separate clinic" differently, for example, by physical location within the hospital, by staff providing the services, by specialty or subspecialty, by schedules, or by patients' source of payment. Because of these differences, "separate clinics" in NHAMCS were defined as the smallest administrative units for which the hospital kept patient volume statistics.

During the visit by a field representative (FR) to induct a hospital into the survey, a list of all outpatient clinics was obtained from the sample hospital. Each outpatient department clinic's function, specialty, and number of visits during the assigned reporting period were also collected. If there were five or fewer clinics, then all were included in the sample. If an outpatient department had more than five clinics, a sample of clinics was selected based on probability proportion to size where size was defined as the number of patient visits the clinic had during the hospital's assigned 4-week reporting period. For the sample, the clinics were assigned to one of six specialty groups: general medicine, surgery, pediatrics, obstetrics/gynecology, substance abuse, and other. Within these specialty groups, clinics which had fewer than 30 patient visits during the assigned reporting period were grouped to form clinic sampling units (SUs). If a grouped clinic SU was selected, all clinics included in that SU were included in the sample. Prior to 2001, a sample of generally five clinic SUs was selected per hospital. Starting in 2001, stratified samples of SUs were selected from OPDs which had more than five SUs. Up to two SUs were selected from each of the specialty groups within each such OPD. The change was made to assure that an SU was sampled from each of an OPD's specialty groups.

Emergency services provided under the "hospital as landlord" arrangement were also eligible for the study. An ED was in scope if it provided unscheduled health care 24 hours a day, seven days a week. All ESAs within an in scope ED were selected with certainty, regardless of whether the individual ESA was open 24 hours a day. If an ED was not staffed 24 hours daily, the ED was out of scope and all of its ESAs were treated as outpatient clinics.

A total of 450 hospitals was selected for the 2016 NHAMCS, of which 361 were in scope and had eligible EDs. Of these, 265 responded, yielding an unweighted ED response rate of 73.4 percent (72.2 percent weighted). A total of 385 ESAs were identified from the respondent EDs. Of these, 271 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 114 responded minimally (i.e. they provided fewer than half of their expected forms). In all, 19,467 electronic Patient Record Forms (PRFs) were completed. The resulting unweighted ESA sample response rate was 70.4 (77.9 percent weighted), and the overall unweighted ESA response rate (hospital rate times ED rate times ESA rate) was 51.7 percent (56.2 percent weighted). Response rates have been adjusted to exclude minimal participants.

4. Visits

The basic sampling unit for the NHAMCS is the patient visit or encounter. Within ESAs or OPD clinics, 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 numbers of PRFs to be completed for EDs and OPDs in each hospital were 100 and 150-200, respectively. 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/clinics. Visit sampling rates were determined from the number of visits seen during the reporting period and the desired number of completed PRFs. During the 2016 NHAMCS, electronic PRFs were completed for 19,467 ED visits.

C. DATA COLLECTION PROCEDURES

1. Field Training

The U.S. Census Bureau was the data collection agent for the 2016 NHAMCS. Census Headquarters staff were responsible for overseeing the data collection process, training the Census Regional Office

staff, and writing the field manual. Regional Office staff were responsible for training the Census Field Representatives (FRs) and monitoring hospital data collection activities. Training for FRs new to the survey consisted of eight hours of self-study and 12 hours of classroom training. Continuing FRs received one hour of annual survey training and another hour of refresher training. FRs inducted the hospitals and trained the hospital staff on visit sampling.

2. Hospital Induction

Approximately two weeks after the start of the hospital's assigned reporting period, a personally signed introductory letter from the Director of NCHS was sent to the hospital administrator or chief executive officer of each sampled hospital. This marks a change from previous practice when the introductory letter was sent out 4-6 weeks prior to the start of the reporting period. The following organizations endorse NHAMCS: 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.

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

3. Outpatient Clinic and 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 sample ESAs and outpatient clinics. 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 2016, the mode of data collection for NHAMCS was an automated 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 starting in 2016. The alternate mode of data collection in 2012-2015, a web portal survey tool which hospital staff could employ to do their own record abstraction, was only rarely used and was discontinued for 2016.

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 random start and sampling interval were calculated by the survey instrument based on the hospital's actual number of patients seen during the reporting period and the number of days the hospital department saw patients during that time. 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 keep a daily listing of all patient visits during the assigned 4-week reporting period using an arrival log, optional worksheet, or similar method. The list was the sampling frame to indicate the visits for which data were to be recorded. It was to include both scheduled and unscheduled patients, but not cancellations or no-shows. Visits were selected from

the list by Census FRs using the random start and predetermined sampling interval calculated by the survey instrument, based on the hospital's actual number of visits for the reporting period and the number of days the hospital department was expected to see patients during that time.

Using either method, a systematic random sample of visits was obtained. The sampling procedures were designed so that about 100 electronic Patient Records would be completed during the assigned reporting period. This was intended to minimize the data collection workload and maintain equal reporting levels among sample hospitals regardless of hospital size.

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

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

Link to ED Patient Record Form:

http://www.cdc.gov/nchs/data/ahcd/2016_NHAMCS_ED_PRF_Sample_Card.pdf

Terms and definitions relating to the Patient Record forms are included in Appendix I.

The 2016 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 27 percent sample of records which were independently recoded and compared. Differences were adjudicated by RTI with error rates reported to NCHS. Coding error rates ranged between 0.1 and 1.5 percent for the ED sample.

3. Adjustment for item nonresponse

Unweighted item nonresponse rates were 5.0 percent or less for all ED items with the following 61 exceptions:

VARIABLE	VARIABLE DESCRIPTION	DENOMINATOR	NONRESPONSE %
WAITTIME	Wait time to first provider (Physician/APRN/PA) contact, in minutes	All visits	13.8
RACEUN	Unimputed race	All visits	16.1
ETHUN	Unimputed ethnicity	All visits	18.2
PAYTYPER	Recoded primary expected source of payment for visit (based on hierarchy)	All visits	8.0
TEMPF	Initial vital signs: Temperature (Fahrenheit)	All visits	6.7
PULSE	Initial vital signs: Heart rate per minute	All visits	7.8

RESPR	Initial vital signs: Respiratory rate per minute	All visits	5.3
BPSYS	Initial vital signs: Blood pressure - Systolic	All visits	11.0
BPDIAS	Initial vital signs: Blood pressure - Diastolic	All visits	11.1
POPCT	Initial vital signs: Pulse oximetry (percent)	All visits	7.9
IMMEDR	Immediacy with which patient should be seen (unimputed)	All visits	21.0
PAINSCALE	Pain scale (0-10)	All visits	32.0
SEEN72	Was patient seen in this ED within the last 72 hours?	All visits	8.4
EPISODE	Episode of care	All visits	5.2
INJURY72	Did the injury/trauma, overdose/poisoning, or adverse effect occur within 72 hours prior to the date and time of this visit?	Injury-, poisoning-, and adverse effects-related visits	27.2
INJURY_ENC	Type of encounter for injury visits	Injury-, poisoning-, and adverse effects-related visits	12.1
CAUSE1	Cause #1 of injury/trauma, overdose/poisoning, or adverse effect of medical/surgical treatment - detailed category	Injury-, poisoning-, and adverse effects-related visits	27.3
CTCONTRAST	Was CT Scan ordered/provided with intravenous (IV) contrast?	All visits where CT scan was ordered or provided	15.0
MRICONTRAST	Was MRI ordered/provided with intravenous (IV) contrast (also written as with gadolinium or with gado)?	All visits where MRI was ordered or provided	35.5
TEMPDF	Vitals after triage: Temperature in Fahrenheit	All visits where vitals were taken at discharge	36.2

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	7.5
BPDIASD	Vitals after triage: Diastolic blood pressure	All visits where vitals were taken at discharge	9.8
BPSYSD	Vitals after triage: Systolic blood pressure	All visits where vitals were taken at discharge	9.6
ADMTPHYS	Admitting physician	Visits that resulted in hospital admission	26.1
ADMIT	Admitted to:	Visits that resulted in hospital admission	16.5
HDDIAG1	Hospital discharge diagnosis #1	Visits that resulted in hospital admission	14.2
HDSTAT	Hospital discharge status	Visits that resulted in hospital admission	8.5
ADISP	Disposition of live discharges	Visits that resulted in hospital admission	5.6
EREMINDER	Does your ED have the computerized capability for providing reminders for guideline-based interventions or screening tests?	All visits	9.7
ECONTR	Do you prescribe controlled substances?	All visits	6.3
ECONTSCRIPR	Are prescriptions for controlled substances sent electronically to the pharmacy?	All visits where ECONTR=1	8.8
EIDPTER	Does your ED have the computerized capability for identifying patients due for preventive or follow-up care in order to send patients reminders?	All visits	17.1
EGENLISTER	Does your ED have the computerized capability for generating a list of patients with particular health conditions?	All visits	8.9

EDATAREPER	Does your ED have the computerized capability of providing data to create reports on clinical care measures for patients with specific chronic conditions?	All visits	8.5
EMSGER	Does your ED have the computerized capability for exchanging secure messages with patients?	All visits	6.1
ESHAREE	Does your hospital share any patient health information electronically?	All visits	6.1
ESHARESE	Do you electronically send patient health information to another provider whose EHR system is different from your own?	All visits	11.9
ESHARERE	Do you electronically receive patient health information to another provider whose EHR system is different from your own?	All visits	9.6
EDPRIM	When patients with identified primary care physicians (PCP) arrive at the ED, how often do you electronically send notifications to the patients' PCP?	All visits	15.3
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	14.0
OBSCLIN	Does your ED have an observation or clinical decision unit?	All visits	5.8
BOARD	Are admitted ED patients ever "boarded" for more than 2 hours in the ED or observation unit while waiting for an inpatient bed?	All visits	8.2
BOARDHOS	Does your ED allow some admitted patients to move from the ED to inpatient corridors while awaiting a bed ("boarding") - sometimes called "full capacity protocol"?	All visits	10.3

AMBDIV	Did your ED go on ambulance diversion in 2015?	All visits	17.8
TOTHRDIVR	What is the total number of hours that your hospital's ED was on ambulance diversion in 2015?	All visits to EDs that went on ambulance diversion	29.5
ADMDIV	Does your hospital continue to admit elective or schedule surgery cases when ED is on ambulance diversion?	All visits	8.6
INCSHX	In the last two years, did your ED increase the number of standard treatment spaces?	All visits	6.2
EXPSPACE	Do you have plans to expand your ED's physical space within the next two years?	All visits	7.4
CATRIAGE	Does your ED use computer-assisted triage?	All visits	5.9
IMBED	Does your ED use immediate bedding?	All visits	10.8
ADVTRIAG	Does your ED use advanced triage (triage-based care) protocols?	All visits	14.0
PHYSRACTRIA	Does your ED use physician/practitioner at triage?	All visits	5.7
FASTTRAK	Does your ED use separate fast track unit for nonurgent care?	All visits	6.9

EDPTOR	Does your ED use separate operating room dedicated to ED patients?	All visits	6.3
RFID	Does your ED use radio frequency identification (RFID) tracking?	All visits	6.9
WIRELESS	Does ED use wireless communication devices by providers?	All visits	6.9
ZONENURS	Does your ED use zone nursing?	All visits	7.5
POOLNURS	Does your ED use pool nurses?	All visits	6.6
BEDCZAR	Does your hospital have a bed coordinator, sometimes known as a bed czar?	All visits	7.4
EMEDRES	Does hospital have an Emergency Medicine residency program?	All visits	6.1

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 2016, 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. 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, three items were imputed: sex (0.2 percent), race (16.1 percent), and ethnicity (18.4 percent). Age would have been imputed if missing, but no records were missing age for 2016. Sex was imputed using a hot deck based on 3-digit ICD-10-CM code for primary diagnosis, triage level, ED volume, and geographic region. Starting with 2010 data, the imputation of patient race and ethnicity was performed using a model-based single, sequential regression method. The decision to adopt this technique resulted from findings by an internal work group that studied imputation methods with NAMCS and NHAMCS data for nearly two years. The model used to impute race and ethnicity included the following variables: Census variables for ZIP code level race and ethnicity population estimates and an

indicator for whether it was patient or hospital ZIP (used when patient ZIP was not available); patient age, sex, race, and ethnicity; triage level; log of ED wait time; primary expected source of payment derived from a hierarchical recode of the expected source of payment question; grouped 3-digit ICD-10-CM codes for primary diagnosis; year of visit; type of ESA area; provider's MSA status; and ED weighting and volume variables.

4. Injury-Related Data

Starting in 2014, injury data were edited using a program which reviewed codes for reason for visit, diagnosis, and cause of injury, and assigned injury and intentionality status accordingly. In this way, records which did not specifically state an injury but for which injury codes for reason, diagnosis, and/or cause of injury were present were recoded appropriately, while records which stated an injury but for which no corroborating data could be found were assigned to a 'questionable' injury status, allowing data users to make their own determination as desired. This method was used with 2016 data as well, but 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 PRFs. NCHS contracted medical coders used the International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) (8) to code the responses. Unlike the International Classification of Diseases, 9th Revision, Clinical Modification (ICD-9-CM) (9), which included the Supplementary Classification of External Causes of Injury and Poisoning (E-codes), ICD-10-CM used 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 for occasions that are not related to a current illness or injury.

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 the diagnosis codes from the ICD-10-CM the following unique codes in the diagnosis fields were developed by NHAMCS 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 character format codes.

4. Medications & Immunizations

The NHAMCS drug data collected in the Medications & Immunizations item of the automated ED Patient Record 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 on the ED automated Patient Record. 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., also used by the National Health and Nutrition Examination Survey, NCHS. 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 for OPD and DRUGID1-DRUGID30 for ED) is 6 digits, beginning with the letters "a", "c", "d" or "n". All Multum codes begin with the letter "d", but there were some drug names reported by NHAMCS participants that were not found in the Lexicon Drug Database. These were assigned unique drug codes beginning with an "a" where a drug's ingredients could be determined, or a "c" (for 2006 and 2007 data only) or an "n" (2008 data forward) where a drug's ingredients could not be determined.

For a description of the method used to code drug data prior to 2006, please see page 20 of the 2009 NHAMCS Public Use File Documentation:
ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Dataset_Documentation/NHAMCS/doc09.pdf

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

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

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

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

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

Each drug may have up to four therapeutic categories on the public use file. The variables RX1CAT1 through RX30CAT4 reflect the unique Multum drug categories for a particular drug; these are character values with codes from '001' through '464'. This variable will always show the most detailed therapeutic level available of a particular drug. For example, psychotherapeutic agents in Multum are further classified into a second more detailed level as antidepressants or antipsychotics.

Antidepressants are further classified into seven subcategories (miscellaneous antidepressants, SSRI antidepressants, tricyclic antidepressants, monoamine oxidase inhibitors, phenylpiperazine antidepressants, tetracyclic antidepressants, and SSNRI antidepressants); antipsychotics are further classified into five subcategories. For a drug categorized as a tricyclic antidepressant, it would have a drug category code of '209', reflecting the Level 3 code.

Other drugs may have only two levels available, such as immunologic agents. There are six level 2 categories of immunologic agents, and 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_2016) 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.

IMPORTANT: For 2016, we have continued to update and revise the drug characteristics in our ambulatory care drug database, which underwent substantial revision beginning in 2002. For that year, we reviewed the ingredient lists for many drugs and removed non-active ingredients. Duplicate codes caused by misspellings or other variant entries were eliminated, and incorrect codes (for example, for non-medications) were removed. 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 analysis more problematic, and the solution was to provide researchers with our Drug Characteristics file, which was updated annually, at our Ambulatory Health Care Data website. The characteristics from this file could be applied by matching on drug codes to previous years of data in order to get the most accurate results when doing analysis of drug trends. A SAS program for applying drug characteristics from the current drug database to previous years of public use data was also available for downloading.

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

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

Researchers should keep in mind, that in cases where drug characteristics have legitimately changed over the years (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 some inaccuracies.

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 2016 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 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 some 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; c) the probability of selecting the OPD clinic from within the hospital; and d) the probability of selecting the visit within the ESA or clinic. The last probability is calculated to be the sample size from the ESA or clinic 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. Beginning in 1997, the overall selection probabilities of some OPDs were permanently trimmed to prevent individual OPDs from contributing too much of their region's total for OPD visit estimates.

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) and/or OPD clinic(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). This adjustment was made separately by department type.

The second type of nonresponse occurs when an ESA or a sample OPD clinic 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/OPD clinics similar to nonrespondent ESAs/OPD clinics were inflated to account for visits represented by nonrespondent ESAs/OPD clinics where ESAs/OPD clinics were judged to be similar if they were in the same region, MSA status group, and ESA/OPD clinic group. For this purpose, there were six OPD clinic groups: general medicine, pediatrics, surgery, OB/GYN, alcohol and/or substance abuse, and "other."

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 ED visit estimates due to uneven ED response across seasons.

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. These adjustments were made separately for emergency and outpatient departments. For EDs, 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.

Beginning in 1997, the adjustment for OPD estimates was replaced by a ratio which had as its numerator the weighted OPD visit volumes of hospitals in the full NHAMCS sample (16 hospital panels) and as its denominator the weighted OPD visit volumes of hospitals in the 13 hospital panels included in the sample for the survey year. (The full NHAMCS hospital sample is partitioned into 16 panels which are rotated into the sample over 16 periods of four weeks each so that only 13 panels are used in each year.) This adjustment used visit volumes that were based on the most recent survey data collected from hospitals that had participated in NHAMCS at least once. For hospitals which had never participated, visit volumes were obtained by phone, from frame data, or by using the average of visit volumes for refusal hospitals which had converted to respondent status.

I. PATIENT VISIT WEIGHT

The "patient visit weight" is a vital component in the process of producing estimates from sample data and its use should be clearly understood by all data file users. The statistics contained on the micro-data file reflect only a sample of patient visits-- not a complete count of all such visits that occurred in the United States. Each record on the ED file represents one visit in the sample of 19,467 visits. In order to obtain estimates from the sample, each record is assigned an inflation factor called the "patient visit weight."

By aggregating the "patient visit weights" assigned to the PATWT variable on the 19,467 sample visit records for 2016, the user can obtain the estimated total of 145,591,209 ED visits made in the United States.

IMPORTANT: Estimates for classes of ED visits other than the total produced from the 2016 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, including race, ethnicity, physician's diagnosis, and hospital discharge diagnosis, 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. Note that there are no estimates for OPD settings because the OPD data file is not part of this product and should be released at a later time.

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 and may be different on the OPD and ED files.

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

K. USE OF THE ED WEIGHT

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

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

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

In addition to producing estimates of department-level characteristics, it is possible to compute means of visit characteristics at the department level, for example, caseload percentages across emergency departments for expected source of payment. This type of analysis is somewhat complicated and is described with sample SAS code at the Ambulatory Health Care Data website (www.cdc.gov/nchs/nhamcs.htm). For more information, contact the Ambulatory and Hospital Care Statistics Branch at 301-458-4600 or emailing ambcare@cdc.gov.

L. POPULATION FIGURES

The base population used in computing annual visit rates is presented in table's I-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, 2016 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 for race groups in the 2016 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 2016 population estimates indicate that 2.6 percent of the total population identify themselves as being of multiple races. In contrast, multiple race patients account for 0.4 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; see 2009-2016 NHAMCS Public Use File Documentation Summary of Changes for more information.) 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 2016 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, 2016

Race and sex	All ages	Under 1	1-4	5-14	15-24	25-34
All Races	318,015,317	3,968,361	15,953,212	41,009,146	42,543,060	43,452,079
Male	155,430,571	2,029,605	8,154,522	20,922,946	21,469,863	21,531,789
Female	162,584,746	1,938,756	7,798,690	20,086,200	21,073,197	21,920,290
White Only	245,007,209	2,840,050	11,412,835	29,815,407	31,319,831	32,348,240
Male	120,799,772	1,454,146	5,843,537	15,251,823	15,895,495	16,264,818
Female	124,207,437	1,385,904	5,569,298	14,563,584	15,424,336	16,083,422
Black Only	41,643,741	603,897	2,432,767	6,138,343	6,464,972	6,135,538
Male	19,475,347	307,313	1,233,737	3,108,460	3,181,713	2,860,810
Female	22,168,394	296,584	1,199,030	3,029,883	3,283,259	3,274,728
AIAN* Only	3,982,711	64,126	257,567	651,768	639,493	611,041
Male	1,986,369	32,612	130,979	331,054	321,958	312,483
Female	1,996,342	31,514	126,588	320,714	317,535	298,558
Asian Only	18,222,752	204,684	849,963	2,139,270	2,385,383	3,114,889
Male	8,658,580	104,919	435,575	1,082,010	1,200,683	1,497,156
Female	9,564,172	99,765	414,388	1,057,260	1,184,700	1,617,733
NHOPI*	749,917	12,451	49,233	119,961	112,551	131,939
Male	374,687	6,378	25,183	60,732	56,203	67,192
Female	375,230	6,073	24,050	59,229	56,348	64,747
Multiple Races	8,408,987	243,153	950,847	2,144,397	1,620,830	1,110,432
Male	4,135,816	124,237	485,511	1,088,867	813,811	529,330
Female	4,273,171	118,916	465,336	1,055,530	807,019	581,102

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

Geographic Region totals		Metropolitan Statistical Area totals	
Northeast	55,476,208	MSA	273,981,761
Midwest	66,957,107	Non-MSA	44,033,556
South	120,033,029		
West	75,548,973		

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, 2016 - con.

Race and sex	35-44	45-54	55-64	65-74	75+
All Races	39,660,646	42,270,974	41,208,341	28,404,298	19,545,200
Male	19,443,041	20,665,800	19,814,190	13,277,094	8,121,721
Female	20,217,605	21,605,174	21,394,151	15,127,204	11,423,479
White Only	30,046,378	33,195,187	33,419,644	23,831,385	16,778,252
Male	15,012,255	16,472,930	16,267,518	11,281,064	7,056,186
Female	15,034,123	16,722,257	17,152,126	12,550,321	9,722,066
Black Only	5,262,118	5,372,731	4,830,160	2,761,623	1,641,592
Male	2,374,498	2,446,643	2,184,042	1,181,757	596,374
Female	2,887,620	2,926,088	2,646,118	1,579,866	1,045,218
AIAN* Only	526,569	491,440	403,771	219,719	117,217
Male	266,119	244,454	193,917	103,575	49,218
Female	260,450	246,986	209,854	116,144	67,999
Asian Only	2,911,202	2,493,853	1,997,881	1,288,290	837,337
Male	1,354,783	1,160,565	904,033	570,024	348,832
Female	1,556,419	1,333,288	1,093,848	718,266	488,505
NHOPI*	107,790	90,625	68,812	37,095	19,460
Male	54,533	44,615	33,549	17,890	8,412
Female	53,257	46,010	35,263	19,205	11,048
Multiple Races	806,589	627,138	488,073	266,186	151,342
Male	380,853	296,593	231,131	122,784	62,699
Female	425,736	330,545	256,942	143,402	88,643

*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, 2016. 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, 2016 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, 2016

HISPANIC						
Race and sex	All ages	Under 1	1-4	5-14	15-24	25-34
All Races	56,809,443	1,024,912	4,119,012	10,286,683	9,422,836	8,852,613
Male	28,456,576	523,366	2,098,166	5,234,056	4,784,760	4,554,029
Female	28,352,867	501,546	2,020,846	5,052,627	4,638,076	4,298,584
White Only	49,955,229	868,617	3,501,025	8,864,365	8,232,131	7,757,549
Male	25,046,238	443,662	1,783,788	4,511,400	4,181,505	4,003,017
Female	24,908,991	424,955	1,717,237	4,352,965	4,050,626	3,754,532
Black Only	2,728,986	59,310	235,242	539,504	468,446	447,852
Male	1,325,412	30,314	119,777	273,937	237,951	216,759
Female	1,403,574	28,996	115,465	265,567	230,495	231,093
AIAN* Only	1,651,492	31,262	123,954	302,689	278,165	274,289
Male	854,960	15,867	62,928	154,170	141,569	148,298
Female	796,532	15,395	61,026	148,519	136,596	125,991
Asian Only	569,802	12,659	49,193	111,262	94,497	92,322
Male	281,685	6,448	24,975	57,056	47,332	45,663
Female	288,117	6,211	24,218	54,206	47,165	46,659
NHOPI*	201,605	4,261	16,622	38,273	32,827	36,883
Male	103,571	2,176	8,442	19,385	16,655	20,054
Female	98,034	2,085	8,180	18,888	16,172	16,829
Multiple Races	1,702,329	48,803	192,976	430,590	316,770	243,718
Male	844,710	24,899	98,256	218,108	159,748	120,238
Female	857,619	23,904	94,720	212,482	157,022	123,480

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, 2016 - con.

HISPANIC					
Race and sex	35-44	45-54	55-64	65-74	75+
All Races	8,119,420	6,621,795	4,446,259	2,387,169	1,528,744
Male	4,103,963	3,315,429	2,146,623	1,082,636	613,548
Female	4,015,457	3,306,366	2,299,636	1,304,533	915,196
White Only	7,203,735	5,939,119	4,002,365	2,174,079	1,412,244
Male	3,652,780	2,982,098	1,934,174	986,294	567,520
Female	3,550,955	2,957,021	2,068,191	1,187,785	844,724
Black Only	366,963	276,004	185,748	94,931	54,986
Male	170,114	128,093	85,783	41,579	21,105
Female	196,849	147,911	99,965	53,352	33,881
AIAN* Only	245,180	192,556	121,906	54,191	27,300
Male	130,780	101,311	62,329	26,173	11,535
Female	114,400	91,245	59,577	28,018	15,765
Asian Only	79,987	60,802	39,336	19,171	10,573
Male	39,397	29,559	18,625	8,526	4,104
Female	40,590	31,243	20,711	10,645	6,469
NHOPI*	30,196	21,518	12,589	5,463	2,973
Male	16,033	10,899	6,158	2,575	1,194
Female	14,163	10,619	6,431	2,888	1,779
Multiple Races	193,359	131,796	84,315	39,334	20,668
Male	94,859	63,469	39,554	17,489	8,090
Female	98,500	68,327	44,761	21,845	12,578

*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, 2016. They were developed by the Population Division, U.S. Census Bureau using the July 1, 2016 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, 2016 – con.

NON-HISPANIC						
Race and sex	All ages	Under 1	1-4	5-14	15-24	25-34
All Races	261,205,874	2,943,449	11,834,200	30,722,463	33,120,224	34,599,466
Male	126,973,995	1,506,239	6,056,356	15,688,890	16,685,103	16,977,760
Female	134,231,879	1,437,210	5,777,844	15,033,573	16,435,121	17,621,706
White Only	195,051,980	1,971,433	7,911,810	20,951,042	23,087,700	24,590,691
Male	95,753,534	1,010,484	4,059,749	10,740,423	11,713,990	12,261,801
Female	99,298,446	960,949	3,852,061	10,210,619	11,373,710	12,328,890
Black Only	38,914,755	544,587	2,197,525	5,598,839	5,996,526	5,687,686
Male	18,149,935	276,999	1,113,960	2,834,523	2,943,762	2,644,051
Female	20,764,820	267,588	1,083,565	2,764,316	3,052,764	3,043,635
AIAN* Only	2,331,219	32,864	133,613	349,079	361,328	336,752
Male	1,131,409	16,745	68,051	176,884	180,389	164,185
Female	1,199,810	16,119	65,562	172,195	180,939	172,567
Asian Only	17,652,950	192,025	800,770	2,028,008	2,290,886	3,022,567
Male	8,376,895	98,471	410,600	1,024,954	1,153,351	1,451,493
Female	9,276,055	93,554	390,170	1,003,054	1,137,535	1,571,074
NHOPI*	548,312	8,190	32,611	81,688	79,724	95,056
Male	271,116	4,202	16,741	41,347	39,548	47,138
Female	277,196	3,988	15,870	40,341	40,176	47,918
Multiple Races	6,706,658	194,350	757,871	1,713,807	1,304,060	866,714
Male	3,291,106	99,338	387,255	870,759	654,063	409,092
Female	3,415,552	95,012	370,616	843,048	649,997	457,622

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, 2016 - con.

NON-HISPANIC					
Race and sex	35-44	45-54	55-64	65-74	75+
All Races	31,541,226	35,649,179	36,762,082	26,017,129	18,016,456
Male	15,339,078	17,350,371	17,667,567	12,194,458	7,508,173
Female	16,202,148	18,298,808	19,094,515	13,822,671	10,508,283
White Only	22,842,643	27,256,068	29,417,279	21,657,306	15,366,008
Male	11,359,475	13,490,832	14,333,344	10,294,770	6,488,666
Female	11,483,168	13,765,236	15,083,935	11,362,536	8,877,342
Black Only	4,895,155	5,096,727	4,644,412	2,666,692	1,586,606
Male	2,204,384	2,318,550	2,098,259	1,140,178	575,269
Female	2,690,771	2,778,177	2,546,153	1,526,514	1,011,337
AIAN* Only	281,389	298,884	281,865	165,528	89,917
Male	135,339	143,143	131,588	77,402	37,683
Female	146,050	155,741	150,277	88,126	52,234
Asian Only	2,831,215	2,433,051	1,958,545	1,269,119	826,764
Male	1,315,386	1,131,006	885,408	561,498	344,728
Female	1,515,829	1,302,045	1,073,137	707,621	482,036
NHOPI*	77,594	69,107	56,223	31,632	16,487
Male	38,500	33,716	27,391	15,315	7,218
Female	39,094	35,391	28,832	16,317	9,269
Multiple					
Races	613,230	495,342	403,758	226,852	130,674
Male	285,994	233,124	191,577	105,295	54,609
Female	327,236	262,218	212,181	121,557	76,065

*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, 2016. They were developed by the Population Division, U.S. Census Bureau using the July 1, 2016 set of state population estimates, and reflect Census 2010 data. More information may be obtained from the Census website at www.census.gov.

REFERENCES

1. National Center for Health Statistics. National Health Interview Survey, Tables of Summary Health Statistics, <https://www.cdc.gov/nchs/nhis/SHS/tables.htm>, accessed 10/19/2018. See Tables C-7 and A-16.
2. Tunney JB, White KL, Williamson JW. National Ambulatory Medical Care Survey: Background and Methodology. National Center for Health Statistics. Vital Health Stat 2(61). 1974.
3. Schappert SM, Rechtsteiner E. Ambulatory Medical Care Utilization Estimates for 2007. National Center for Health Statistics. Vital Health Stat 13(169). 2011.
4. McCain LF, McLemore T. Plan and Operation of the National Hospital Ambulatory Medical Care Survey. National Center for Health Statistics. Vital and Health Statistics 1(34). 1994.
5. Massey JT, Moore TF, Parsons VL, Taros W. Design and estimation for the National Health Interview Survey, 1985-94. National Center for Health Statistics. Vital and Health Statistics 2(110).1989.
6. Schneider D, Appleton L, McLemore T. A Reason for Visit Classification for Ambulatory Care. National Center for Health Statistics. Vital and Health Statistics 2(78). 1979.
7. National Ambulatory Medical Care Survey and National Hospital Ambulatory Medical Care Survey Reason for Visit Classification and Coding Manual (updated annually). Ambulatory and Hospital Care Statistics Branch, Division of Health Care Statistics, National Center for Health Statistics.
8. U.S. Department of Health and Human Services. Centers for Disease Control and Prevention, Centers for Medicare and Medicaid Services. Official version: International Classification of Diseases, Tenth Revision, Clinical Modification. See: <https://www.cdc.gov/nchs/icd/icd10cm.htm>
9. U.S. Department of Health and Human Services. Centers for Disease Control and Prevention, Centers for Medicare and Medicaid Services. Official version: International Classification of Diseases, Ninth Revision, Clinical Modification, Sixth Edition. DHHS Pub No. (PHS) 11-1260.
10. National Hospital Ambulatory Medical Care Survey: Coding Requirements (updated annually). Ambulatory and Hospital Care Statistics Branch, Division of Health Care Statistics, National Center for Health Statistics.
11. Koch H, Campbell W. The Collection and Processing of Drug Information. National Ambulatory Medical Care Survey, 1980. National Center for Health Statistics. Vital and Health Statistics 2 (90). 1982.
12. Food and Drug Administration. National Drug Code Directory, 1995 Edition. Washington: Public Health Service. 1995.

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

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

Number of records = 19,467

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

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
			DATE OF VISIT
1	2	1-2	[VMONTH] MONTH OF VISIT 01-12: January-December
2	1	3	[VDAYR] DAY OF WEEK OF VISIT 1 = Sunday 2 = Monday 3 = Tuesday 4 = Wednesday 5 = Thursday 6 = Friday 7 = Saturday
3	4	4-7	[ARRTIME] ARRIVAL TIME (military time) -9 = Blank 0000-2359
4	4	8-11	[WAITTIME] WAITING TIME TO FIRST PROVIDER (PHYSICIAN/APRN/PA) CONTACT (in minutes) (Note: APRN is advanced practice registered nurse, PA is physician assistant) Calculated from date and time of ED arrival, and time of first provider (PHYSICIAN/APRN/PA) contact -9 = Blank -7 = Not applicable (Not seen by PHYSICIAN/APRN/PA) 0-1440 (reported range)
5	4	12-15	[BLANK1] PLACEHOLDER FOR [LOV] LENGTH OF VISIT (minutes) Calculated from date and time of ED arrival and discharge Not released due to data quality issues. -9 = Blank

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
6	3	16-18	[AGE] PATIENT AGE (IN YEARS; DERIVED FROM DATE OF VISIT AND DATE OF BIRTH) Note: Outlier values were top coded in accordance with NCHS confidentiality requirements. 0 = Under 1 year 1-92 93 = 93 years or older
7	1	19	[AGER] AGE RECODE 1 = Under 15 years 2 = 15-24 years 3 = 25-44 years 4 = 45-64 years 5 = 65-74 years 6 = 75 years and over
8	3	20-22	[AGEDAYS] AGE IN DAYS FOR PATIENTS LESS THAN ONE YEAR OF AGE -7 = Not applicable 001-364 = 001-364 days
9	2	23-24	[RESIDNCE] PATIENT RESIDENCE -9 = Blank -8 = Unknown 1 = Private residence 2 = Nursing home 3 = Homeless/homeless shelter 4 = Other
10	1	25	[SEX] SEX 1 = Female 2 = Male
11	2	26-27	[ETHUN] ETHNICITY (UNIMPUTED) This variable is NOT imputed. Ethnicity data were missing on 18.4 ED records. An imputed ethnicity variable can be found in column 28. -9= Blank 1 = Hispanic or Latino 2 = Not Hispanic or Latino
12	1	28	[ETHIM] ETHNICITY (WITH MISSING DATA IMPUTED) 1 = Hispanic or Latino 2 = Not Hispanic or Latino

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
13	2	29-30	[RACEUN] RACE (UNIMPUTED) This variable is NOT imputed. Race data were missing On 16.1 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 0900-1090 = 90.0 – 109.0 Fahrenheit (reported range)
29	3	52-54	[PULSE] HEART RATE -9 = Blank 0-230 (reported range) 998 = DOP, DOPPLER
30	3	55-57	[RESPR] RESPIRATORY RATE -9 = Blank 0-150 (reported range)
31	3	58-60	[BPSYS] SYSTOLIC BLOOD PRESSURE -9 = Blank 0-284 (reported range)
32	3	61-63	[BPDIAS] DIASTOLIC BLOOD PRESSURE -9 = Blank 0-175 (reported range) 998 = P, Palp, DOP, or DOPPLER
33	3	64-66	[POPCT] PULSE OXIMETRY (percent) -9 = Blank 0-100 (reported range)
34	2	67-68	[IMMEDR] IMMEDIACY WITH WHICH PATIENT SHOULD BE SEEN (Based on PRF Item Triage Level)

NOTE: The collection and processing of this item changed starting in 2009, as described in the 2009 Public Use Data File Documentation. Unlike in 2005-08 when response categories were checkboxes for each level of immediacy, the PRFs for 2009-2013 requested responses using a 1-5 scale. PRF responses were evaluated with reference to responses on the Ambulatory Unit Form, completed during induction, to the question, "How many levels are in this ESA's triage system?" After initial reconciliation between forms was completed, rescaling of responses was conducted. ESAs using 3 or 4 level triage systems had their responses rescaled to fit the 5 level system, such that, for 3-level hospitals, responses of 1, 2, and 3 were recoded to 2, 3, and 4. For ESAs using a 4-level system, responses were recoded from 1-4 to 2-5. The rescaling method was determined in consultation with subject matter experts and based on record analysis. For 2016, rescaling was required for 7 percent of records overall, or 10 percent of records where triage was conducted.

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

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

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

35	2	69-70	[PAINSCALE] PAIN SCALE NOTE: This item was collected using checkbox categories of none, mild, moderate, severe and unknown prior to 2009. Since 2009, a numerical 0-10 scale has been used.
----	---	-------	--

-9 = Blank
 -8 = Unknown
 0-10

36	2	71-72	[SEEN72] WAS PATIENT SEEN IN THIS ED WITHIN THE LAST 72 HOURS? NOTE: The wording for this item changed in 2016. From 2012-2015, the question was "Was patient seen in this ED within the last 72 hours and discharged?" Prior to 2012, the item was "Has patient been seen in this ED within the last 72 hours?"
----	---	-------	---

-9 = Blank
 -8 = Unknown
 1 = Yes
 2 = No

PATIENT'S REASON(S) FOR VISIT (See page 23 in Section I and Code List in Appendix II.)

37	5	73-77	[RFV1] REASON # 1 -9 = Blank 10050-89990 = 1005.0-8999.0
----	---	-------	--

38	5	78-82	[RFV2] REASON # 2 -9 = Blank 10050-89990 = 1005.0-8999.0
----	---	-------	--

39	5	83-87	[RFV3] REASON # 3 -9 = Blank 10050-89990 = 1005.0-8999.0
----	---	-------	--

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
40	5	88-92	[RFV4] REASON # 4 -9 = Blank 10050-89990 = 1005.0-8999.0
41	5	93-97	[RFV5] REASON # 5 -9 = Blank 10050-89990 = 1005.0-8999.0
42	2	98-99	[EPISODE] EPISODE OF CARE -9 = Blank -8 = Unknown 1 = Initial visit to this ED 2 = Follow-up visit to this ED
INJURY VARIABLES			
43	2	100-101	[INJURY] IS THIS VISIT RELATED TO AN INJURY/TRAUMA, OVERDOSE/POISONING, OR ADVERSE EFFECT OF MEDICAL/SURGICAL TREATMENT?

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

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

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

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
44	2	102-103	<p>[INJPOISAD] IS THIS VISIT RELATED TO AN INJURY/TRAUMA, OVERDOSE/POISONING OR ADVERSE EFFECT OF MEDICAL/ SURGICAL TREATMENT?</p> <p>This variable reflects the injury item format used since 2012. INJPOISAD was created directly from reason for visit, diagnosis, and cause of injury codes first, followed by consideration of unedited data which indicated an injury but where no concrete evidence of injury existed.</p> <p>-9 = Blank -8 = Unknown 1 = Yes, injury/trauma 2 = Yes, overdose/poisoning 3 = Yes, adverse effect of medical/surgical treatment 4 = No, visit is not related to injury/trauma, overdose/poisoning, or adverse effect of medical/surgical treatment 5 = Questionable injury status (visit was reported as injury related but lacked an injury reason for visit, diagnosis, or cause of injury)</p>
45	2	104-105	<p>[INJURY72] Did the injury/trauma, overdose/poisoning, or adverse effect of medical/surgical treatment occur within 72 hours prior to the date and time of this visit?</p> <p>[Note that in 2015, the wording changed to include adverse effects.]</p> <p>-9 = Blank -8 = Unknown -7 = Not applicable 1 = Yes 2 = No</p>
46	2	106-107	<p>[INTENT15] IS THIS INJURY/TRAUMA OR OVERDOSE/POISONING INTENTIONAL OR UNINTENTIONAL?</p> <p>NOTE: The INTENT item in 2014 used different response categories. The item was renamed in 2015 to emphasize these differences.</p> <p>-9 = Blank -8 = Unknown/intent unclear 1 = Intentional 2 = Unintentional 3 = Intent unclear (note that this category from the survey instrument was simply a renaming/replacement of the "Unknown" category used prior to 2012. Responses have been recoded to -8, our standard coding convention for cases where the item is unknown) 4 = Questionable injury status (visit was reported as injury related but lacked an injury reason for visit, diagnosis, or cause of injury)</p>

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
47	2	108-109	<p>[INJURY_ENC] Type of encounter for injury visits This variable was added to give additional detail from the 7th digit of the original ICD-10-CM code. Since the ICD-10-CM codes have been truncated on the public use file, information contained in the 7th digit would otherwise not be available on the public use file.</p> <p>-9 = Not applicable/Blank 1 = Initial encounter 2 = Subsequent encounter 3 = Sequela encounter 4 = Both initial and subsequent encounter codes present 5 = Both Initial and sequela encounter codes present 6 = Both subsequent and sequela encounter codes present 7 = Initial, subsequent, and sequela encounter codes present</p> <p>CAUSE OF INJURY/TRAUMA, OVERDOSE/POISONING OR ADVERSE EFFECT OF MEDICAL/SURGICAL TREATMENT (See page 23 in Section I for explanation of codes.)</p>
48	4	110-113	<p>[CAUSE1] CAUSE #1 (ICD-10-CM, V-YCodes) External cause of injury codes are from the V, W, X, and Y chapters of ICD-10-CM. Only the first 4 digits of each code are provided. There is an implied decimal between the third and fourth digits.</p> <p>-9 = Not applicable/Blank V000-Y000 = V00.0 – Y99.9</p>
49	4	114-117	<p>[CAUSE2] CAUSE #2 (ICD-10-CM, V-Y codes) See CAUSE1.</p>
50	4	118-121	<p>[CAUSE3] CAUSE #3 (ICD-10-CM, V-Y codes) See CAUSE1.</p> <p>PROVIDER'S DIAGNOSIS (See page 24, Section 1 for explanation of coding.)</p>
51	4	122-125	<p>[DIAG1] DIAGNOSIS #1 (ICD-10-CM) There is an implied decimal between the third and fourth digits; for inapplicable or masked fourth digits, a dash is inserted.</p> <p>-9 = Blank (no entry made) A000 – Z998 = A00.0-Z99.8 ZZZ0 = Non-codable, insufficient information for coding, illegible ZZZ1 = Left before being seen; patient walked out; "eloped", left against medical advice (AMA) ZZZ2 = Transferred to another facility; sent to see specialist (discharge order rather than diagnosis) ZZZ3 = Insurance/HMO will not authorize treatment ZZZ4 = Entry of "none," "no diagnosis," "no disease," or "healthy" (this is the only entry) ZZZ5 = Entry of "Not applicable", "Not Available", "NA" or "Blank"</p>

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
52	4	126-129	[DIAG2] DIAGNOSIS # 2 (ICD-10-CM) There is an implied decimal between the third and fourth digits; for inapplicable or masked fourth digits, a dash is inserted. See DIAGNOSIS #1 for details.
53	4	130--133	[DIAG3] DIAGNOSIS # 3 (ICD-10-CM) There is an implied decimal between the third and fourth digits; for inapplicable fourth or fifth digits, a dash is inserted. See DIAGNOSIS #1 for details.
54	4	134-137	[DIAG4] DIAGNOSIS # 4 (ICD-10-CM) There is an implied decimal between the third and fourth digits; for inapplicable or masked fourth, a dash is inserted. See DIAGNOSIS #1 for details.
55	4	138-141	[DIAG5] DIAGNOSIS # 5 (ICD-10-CM) There is an implied decimal between the third and fourth digits; for inapplicable or masked fourth, a dash is inserted. See DIAGNOSIS #1 for details.
PROBABLE, QUESTIONABLE, AND RULE OUT DIAGNOSES			
56	2	142-143	[PRDIAG1] IS DIAGNOSIS #1 PROBABLE, QUESTIONABLE, OR RULE OUT? -7 = Not applicable 0 = No 1 = Yes
57	2	144-145	[PRDIAG2] IS DIAGNOSIS #2 PROBABLE, QUESTIONABLE, OR RULE OUT? -7 = Not applicable 0 = No 1 = Yes
58	2	146-147	[PRDIAG3] IS DIAGNOSIS #3 PROBABLE, QUESTIONABLE, OR RULE OUT? -7 = Not applicable 0 = No 1 = Yes
59	2	148-149	[PRDIAG4] IS DIAGNOSIS #4 PROBABLE, QUESTIONABLE, OR RULE OUT? -7 = Not applicable 0 = No 1 = Yes
60	2	150-151	[PRDIAG5] IS DIAGNOSIS #5 PROBABLE, QUESTIONABLE, OR RULE OUT? -7 = Not applicable 0 = No 1 = Yes

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

DOES PATIENT HAVE:

0 = No
1 = Yes

61	1	152	[ETOHAB] Alcohol misuse, abuse, or dependence
62	1	153	[ALZHD] Alzheimer's disease/dementia
63	1	154	[ASTHMA] Asthma
64	1	155	[CANCER] Cancer
65	1	156	[CEBVD] Cerebrovascular disease/history of stroke (CVA) or transient ischemic attack (TIA)
66	1	157	[CKD] Chronic kidney disease (CKD)
67	1	158	[COPD] Chronic obstructive pulmonary disease (COPD)
68	1	159	[CHF] Congestive heart failure
69	1	160	[CAD] Coronary artery disease (CAD), ischemic heart disease (IHD), or history of myocardial infarction (MI)
70	1	161	[DEPRN] Depression
71	1	162	[DIABTYP1] Diabetes mellitus (DM) – Type I
72	1	163	[DIABTYP2] Diabetes mellitus (DM) – Type II
73	1	164	[DIABTYP0] Diabetes mellitus (DM) – Type unspecified
74	1	165	[ESRD] End-stage renal disease (ESRD)
75	1	166	[HPE] History of pulmonary embolism (PE) or deep vein thrombosis (DVT), or venous thromboembolism (VTE)
76	1	167	[EDHIV] HIV infection/AIDS
77	1	168	[HYPLIPID] Hyperlipidemia
78	1	169	[HTN] Hypertension
79	1	170	[OBESITY] Obesity
80	1	171	[OSA] Obstructive sleep apnea (OSA)
81	1	172	[OSTPRISIS] Osteoporosis
82	1	173	[SUBSTAB] Substance abuse or dependence

83 1 174 [NOCHRON] None of the above

0 = No
1 = Yes
2 = Entire item blank including "None" box

84 2 175-176 [TOTCHRON] Total number of chronic conditions

-9 = "None" box and all item fields are blank
0-14 (reported range)

85 1 177 [DIAGSCRN] Were diagnostic services ordered or provided at this visit?

0 = No
1 = Yes
2 = Entire item blank, including "None" box

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
DIAGNOSTIC SERVICES			
0 = No, 1 = Yes			
Laboratory tests:			
86	1	178	[ABG] Arterial blood gases (ABG)
87	1	179	[BAC] BAC (blood alcohol concentration)
88	1	180	[BMP] Basic metabolic panel
89	1	181	[BNP] BNP (Brain natriuretic peptide)
90	1	182	[BUNCREAT] Creatinine/Renal function panel
91	1	183	[CARDENZ] Cardiac enzymes
92	1	184	[CBC] CBC (Complete blood count)
93	1	185	[CMP] Comprehensive metabolic panel
94	1	186	[BLOODCX] Culture, blood
95	1	187	[TRTCX] Culture, throat
96	1	188	[URINECX] Culture, urine
97	1	189	[WOUNDCX] Culture, wound
98	1	190	[OTHCX] Culture, other
99	1	191	[DDIMER] D-dimer
100	1	192	[ELECTROL] Electrolytes
101	1	193	[GLUCOSE] Glucose, serum
102	1	194	[LACTATE] Lactate
103	1	195	[LFT] Liver enzymes/Hepatic function panel
104	1	196	[PTTINR] Prothrombin time (PT/PTT/INR)
105	1	197	[OTHERBLD] Other blood test
Other tests:			
106	1	198	[CARDMON] Cardiac monitor
107	1	199	[EKG] EKG/ECG
108	1	200	[HIVTEST] HIV test
109	1	201	[FLUTEST] Influenza test
110	1	202	[PREGTEST] Pregnancy/HCG test
111	1	203	[TOXSCREEN] Toxicology screen
112	1	204	[URINE] Urinalysis (UA) or urine dipstick
113	1	205	[OTHRTEST] Other test/service
Imaging:			
114	1	206	[ANYIMAGE] Any imaging
115	1	207	[XRAY] X-ray
116	1	208	[CATSCAN] CT scan (any)
117	2	209-210	[CTCONTRAST] Was CT Scan ordered/provided with intravenous (IV) contrast? -9 = Blank -8 = Unknown 1 = Yes 2 = No
118	1	211	[CTAB] CT scan – abdomen/pelvis
119	1	212	[CTCHEST] CT scan – chest
120	1	213	[CTHEAD] CT scan - head

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
121	1	214	[CTOTHER] CT scan – other
122	1	215	[CTUNK] CT scan – site not specified
123	1	216	[MRI] MRI
124	2	217-218	[MRICONTRAST] Was MRI ordered/provided with intravenous (IV) contrast (also written as with gadolinium or with gado)? -9 = Blank -8 = Unknown 1 = Yes 2 = No
125	1	219	[ULTRASND] Ultrasound
126	1	220	[OTHIMAGE] Other imaging
127	2	221-222	[TOTDIAG] TOTAL NUMBER OF DIAGNOSTIC SERVICES ORDERED OR PROVIDED -9 = “None” box and all item fields are blank 0-20 (reported range)
128	1	223	[PROC] Were procedures provided at this visit? 0 = No 1 = Yes 2 = Entire item blank, including “None” box PROCEDURES 0 = No, 1 = Yes
129	1	224	[BPAP] BPAP/CPAP
130	1	225	[BLADCATH] Bladder catheter
131	1	226	[CASTSPLINT] Cast, splint, wrap
132	1	227	[CENTLINE] Central line
133	1	228	[CPR] CPR
134	1	229	[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)

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
			MEDICATIONS & IMMUNIZATIONS (See page 25 for more information. See Appendix III for codes.)
144	1	240	[MED] WERE MEDICATIONS OR IMMUNIZATIONS GIVEN AT THIS VISIT OR PRESCRIBED AT ED DISCHARGE? 0 = No 1 = Yes 2 = Entire item blank, including "None" box
145	5	241-245	[MED1] MEDICATION #1 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry
146	5	246-250	[MED2] MEDICATION #2 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry
147	5	251-255	[MED3] MEDICATION #3 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry
148	5	256-260	[MED4] MEDICATION #4 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry
149	5	261-265	[MED5] MEDICATION #5 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry
150	5	266-270	[MED6] MEDICATION #6 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry
151	5	271-275	[MED7] MEDICATION #7 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
152	5	276-280	[MED8] MEDICATION #8 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry
153	5	281-285	[MED9] MEDICATION #9 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry
154	5	286-290	[MED10] MEDICATION #10 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry
155	5	291-295	[MED11] MEDICATION #11 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry
156	5	296-300	[MED12] MEDICATION #12 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry
157	5	301-305	[MED13] MEDICATION #13 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry
158	5	306-310	[MED14] MEDICATION #14 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry
159	5	311-315	[MED15] MEDICATION #15 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
160	5	316-320	[MED16] MEDICATION #16 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry
161	5	321-325	[MED17] MEDICATION #17 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry
162	5	326-330	[MED18] MEDICATION #18 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry
163	5	331-335	[MED19] MEDICATION #19 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry
164	5	336-340	[MED20] MEDICATION #20 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry
165	5	341-345	[MED21] MEDICATION #21 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry
166	5	346-350	[MED22] MEDICATION #22 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry
167	5	351-355	[MED23] MEDICATION #23 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
168	5	356-360	[MED24] MEDICATION #24 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry
169	5	361-365	[MED25] MEDICATION #25 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry
170	5	366-370	[MED26] MEDICATION #26 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry
171	5	371-375	[MED27] MEDICATION #27 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry
172	5	376-380	[MED28] MEDICATION #28 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry
173	5	381-385	[MED29] MEDICATION #29 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry
174	5	386-390	[MED30] MEDICATION #30 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry
175	2	391-392	[GPMED1] Was medication #1 given in ED or Rx at discharge? -9 = Blank -7 = Not applicable 1 = Given in ED 2 = Rx at discharge 3 = Both given and Rx marked
176	2	393-394	[GPMED2] Was medication #2 given in ED or Rx at discharge? See GPMED1.

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
177	2	395-396	[GPMED3] Was medication #3 given in ED or Rx at discharge? See GPMED1.
178	2	397-398	[GPMED4] Was medication #4 given in ED or Rx at discharge? See GPMED1.
179	2	399-400	[GPMED5] Was medication #5 given in ED or Rx at discharge? See GPMED1.
180	2	401-402	[GPMED6] Was medication #6 given in ED or Rx at discharge? See GPMED1.
181	2	403-404	[GPMED7] Was medication #7 given in ED or Rx at discharge? See GPMED1.
182	2	405-406	[GPMED8] Was medication #8 given in ED or Rx at discharge? See GPMED1.
183	2	407-408	[GPMED9] Was medication #9 given in ED or Rx at discharge? See GPMED1.
184	2	409-410	[GPMED10] Was medication #10 given in ED or Rx at discharge? See GPMED1.
185	2	411-412	[GPMED11] Was medication #11 given in ED or Rx at discharge? See GPMED1.
186	2	413-414	[GPMED12] Was medication #12 given in ED or Rx at discharge? See GPMED1.
187	2	415-416	[GPMED13] Was medication #13 given in ED or Rx at discharge? See GPMED1.
188	2	417-418	[GPMED14] Was medication #14 given in ED or Rx at discharge? See GPMED1.
189	2	419-420	[GPMED15] Was medication #15 given in ED or Rx at discharge? See GPMED1.
190	2	421-422	[GPMED16] Was medication #16 given in ED or Rx at discharge? See GPMED1.
191	2	423-424	[GPMED17] Was medication #17 given in ED or Rx at discharge? See GPMED1.
192	2	425-426	[GPMED18] Was medication #18 given in ED or Rx at discharge? See GPMED1.
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.

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

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
207	2	455-456	[NUMMED] NUMBER OF MEDICATIONS CODED 0 – 30 VITALS TAKEN AFTER TRIAGE NOTE: The wording of these vital signs items changed in 2016. See page 3 for details.
208	2	457-458	[VITALSD] Does the chart contain vital signs taken after triage? -9= Blank 1 = Yes 2 = No
209	4	459-462	[TEMPDF] Vitals taken after triage: Temperature in Farenheit -9= Blank 876-1050 = 87.6 - 105.0 Fahrenheit (reported range)
210	3	463-465	[PULSED] Vitals taken after triage: Heart rate (beats per minute) -9 = Blank 0-225 (reported range) 998 = DOP, DOPPLER
211	3	466-468	[RESPRD] Vitals taken after triage: Respiratory rate (breaths per minute) -9 = Blank 1-142 (reported range)
212	3	469-471	[BPSYSD] Vitals taken after triage: Systolic blood pressure -9 = Blank 54-239 (reported range) 998 = DOP, DOPPLER
213	3	472-474	[BPDIASD] Vitals taken after triage: Diastolic blood pressure -9 = Blank 23-137 (reported range) 998 = P, PALP, DOP, or DOPPLER PROVIDERS SEEN 0 = No, 1 = Yes
214	1	475	[NOPROVID] No answer to item
215	1	476	[ATTPHYS] ED attending physician
216	1	477	[RESINT] ED resident/intern
217	1	478	[CONSULT] Consulting physician
218	1	479	[RNLPN] RN/LPN
219	1	480	[NURSEPR] Nurse practitioner
220	1	481	[PHYSASST] Physician assistant
221	1	482	[EMT] EMT
222	1	483	[MHPROV] Other mental health provider
223	1	484	[OTHPROV] Other provider

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

VISIT DISPOSITION

0 = No, 1 = Yes

224	1	485	[NODISP] No answer to item
225	1	486	[NOFU] No follow-up planned
226	1	487	[RETRNED] Return to ED
227	1	488	[RETRFFFU] Return/Refer to physician/clinic for FU
228	1	489	[LWBS] Left without being seen (LWBS)
229	1	490	[LBTC] Left before treatment complete (LBTC)
230	1	491	[LEFTAMA] Left AMA (against medical advice)
231	1	492	[DOA] DOA (dead on arrival)
232	1	493	[DIEDED] Died in ED
233	1	494	[TRANNH] Return/transfer to nursing home
234	1	495	[TRANPSYC] Transfer to psychiatric hospital
235	1	496	[TRANOTH] Transfer to non-psychiatric hospital
236	1	497	[ADMITHOS] Admit to this hospital
237	1	498	[OBSSHOS] Admit to observation unit, then hospitalized
238	1	499	[OBSDIS] Admit to observation unit, then discharged
239	1	500	[OTHDISP] Other visit disposition

The next 4 items were completed only if the patient was admitted to the hospital at the current visit.

240	2	501-502	[ADMIT] Admitted to:
-----	---	---------	----------------------

NOTE: The order of categories 4 and 5 was switched on the Patient Record Form starting in 2009 relative to 2007-08. Please take note if combining data across years.

-9 = Blank
 -8 = Data not available (Unknown)
 -7 = Not applicable (not admitted to hospital)
 1 = Critical care unit
 2 = Stepdown unit
 3 = Operating room
 4 = Mental health or detox unit
 5 = Cardiac catheterization lab
 6 = Other bed/unit

241	2	503-504	[ADMTPHYS] Admitting physician -9 = Blank -7 = Not applicable (not admitted to hospital) 1 = Hospitalist 2 = Not hospitalist 3 = Unknown
-----	---	---------	---

242	4	505-506	[BLANK2] PLACEHOLDER FOR [LOS] Length of stay in hospital (days) Calculated from the ED discharge date and the hospital discharge date. Not released due to data quality issues. -9 = Missing data
-----	---	---------	--

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
250	4	531-534	[BLANK3] PLACEHOLDER FOR [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. Not released due to data quality issues. -9 = Missing data

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

251	1	535	[BLANK4] PLACEHOLDER FOR [STAY24] ED discharge greater than 24 hours Not released due to data quality issues. -9 = Missing data
-----	---	-----	---

**** 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 using 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. 1-228
-----	---	---------	---

258	3	545-547	[PATCODE] PATIENT CODE - A number assigned to identify each individual record from a particular hospital. 1-241
-----	---	---------	--

259	2	548-549	[EBILLANYE] DOES YOUR ED SUBMIT CLAIMS ELECTRONICALLY (ELECTRONIC BILLING)? -9 = Blank -8 = Unknown -6 = Refused to answer 1 = Yes 2 = No
-----	---	---------	--

260	2	550-551	[EMRED] DOES YOUR ED USE AN ELECTRONIC HEALTH RECORD (EHR) SYSTEM? (DO NOT INCLUDE BILLING SYSTEMS.) -9 = Blank -8 = Unknown 1 = Yes, all electronic 2 = Yes, part paper and part electronic 3 = No
-----	---	---------	--

(If response of '1' or '2' to EMRED, the next 3 questions were asked.)

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
261	2	552-553	[HHSMUE] DOES YOUR CURRENT SYSTEM MEET MEANINGFUL USE CRITERIA AS DEFINED BY THE DEPARTMENT OF HEALTH AND HUMAN SERVICES? -9 = Blank -8 = Unknown -7 = Not applicable (EMRED=3 or -8) -6 = Refused to answer 1 = Yes 2 = No
262	2	554-555	[EHRINSE] DOES YOUR ED HAVE PLANS FOR INSTALLING A NEW EHR/EMR SYSTEM WITHIN THE NEXT 18 MONTHS? -9 = Blank -8 = Unknown -6 = Refused to answer 1 = Yes 2 = No 3 = Maybe

IMPORTANT NOTE: Questions on features of a hospital's computerized capabilities have changed over the years. The instrument format used in 2016 is slightly different than what was used in 2015 and previous years.

The current format is essentially similar to the recoded "R" variables used in 2010-2015. For example, EDEMOGE reflected the actual instrument format and EDEMOGER was a recoding of that format to match years 2010-2015 for trending purpose. The categories used with the recoded "R" variables were 1=Yes, 2=No, and 4=Yes, but turned off/not used. The 'Turned off/not used' category was dropped for 2016, so the only response options are yes and no. The "R" variable name was retained because the response categories are similar to those from 2010-2015 and they now reflect the actual instrument format as well. Please take note of these differences if using data from multiple years.

PLEASE INDICATE WHETHER YOUR ED HAS EACH OF THE FOLLOWING COMPUTERIZED CAPABILITIES AND HOW OFTEN THESE CAPABILITIES ARE USED (APPLIES TO ITEMS 263-282)

263	2	556-557	[EDEMOGER] REPORTING PATIENT HISTORY AND DEMOGRAPHIC INFORMATION -9 = Blank -8 = Unknown -6 = Refused to answer 1 = Yes 2 = No
264	2	558-559	[EPROLSTER] IF YES TO RECORDING PATIENT HISTORY AND DEMOGRAPHIC INFORMATION, DOES THIS INCLUDE A PATIENT PROBLEM LIST? -9 = Blank -8 = Unknown -6 = Refused to answer -7 = Not applicable 1 = Yes 2 = No

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
265	2	560-561	[EPNOTESER] RECORDING CLINICAL NOTES -9 = Blank -8 = Unknown -6 = Refused to answer 1 = Yes 2 = No
266	2	562-563	[EMEDALGER] RECORDING PATIENT'S MEDICATIONS AND ALLERGIES? -9 = Blank -8 = Unknown -6 = Refused to answer 1 = Yes 2 = No
267	2	564-565	[EMEDIDER] RECONCILING LISTS OF PATIENTS' MEDICATIONS TO IDENTIFY THE MOST ACCURATE LIST -9 = Blank -8 = Unknown -6 = Refused to answer 1 = Yes 2 = No
268	2	566-567	[EREMINDER] REMINDERS FOR GUIDELINE-BASED INTERVENTIONS AND/OR SCREENING TESTS -9 = Blank -8 = Unknown -6 = Refused to answer 1 = Yes 2 = No
269	2	568-569	[ECPOEER] ORDERS FOR PRESCRIPTIONS -9 = Blank -8 = Unknown -6 = Refused to answer 1 = Yes 2 = No
270	2	570-571	[ESCRIPER] IF YES TO ORDERING PRESCRIPTIONS, ARE PRESCRIPTIONS SENT ELECTRONICALLY TO THE PHARMACY? -9 = Blank -8 = Unknown -7 = Not applicable -6 = Refused to answer 1 = Yes 2 = No

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
278	2	586-587	[EPTEDUER] VIEWING IDENTIFYING EDUCATIONAL RESOURCES FOR PATIENTS' SPECIFIC CONDITIONS -9 = Blank -8 = Unknown -6 = Refused to answer 1 = Yes 2 = No
279	2	588-589	[EGENLISTER] GENERATING LIST OF PATIENTS WITH PARTICULAR HEALTH CONDITIONS -9 = Blank -8 = Unknown -6 = Refused to answer 1 = Yes 2 = No
280	2	590-591	[EDATAREPER] PROVIDING DATA TO CREATE REPORTS ON CLINICAL CARE MEASURES FOR PATIENTS WITH SPECIFIC CONDITIONS (e.g., HbA1C for diabetics) -9 = Blank -8 = Unknown -6 = Refused to answer 1 = Yes 2 = No
281	2	592-593	[ESUMER] PROVIDING PATIENTS WITH CLINICAL SUMMARIES FOR EACH VISIT -9 = Blank -8 = Unknown -6 = Refused to answer 1 = Yes 2 = No
282	2	594-595	[EMSGER] EXCHANGING SECURE MESSAGES WITH PATIENTS -9 = Blank -8 = Unknown -6 = Refused to answer 1 = Yes 2 = No
283	2	596-597	[ESHAREE] DOES YOUR HOSPITAL SHARE ANY PATIENT HEALTH INFORMATION ELECTRONICALLY? -9 = Blank -8 = Unknown -6 = Refused to answer 1 = Yes 2 = No

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
284	2	598-599	<p>[ESHARESE] IF YES TO DOES YOUR HOSPITAL SHARE ANY PATIENT HEALTH INFORMATION ELECTRONICALLY, DO YOU ELECTRONICALLY SEND PATIENT HEALTH INFORMATION TO ANOTHER PROVIDER WHOSE EHR SYSTEM IS DIFFERENT FROM YOUR OWN?</p> <p>-9 = Blank -8 = Unknown -7 = Not applicable -6 = Refused to answer 1 = Yes 2 = No</p>
285	2	600-601	<p>[ESHARERE] IF YES TO DOES YOUR HOSPITAL SHARE ANY PATIENT HEALTH INFORMATION ELECTRONICALLY, DO YOU ELECTRONICALLY RECEIVE PATIENT HEALTH INFORMATION FROM ANOTHER PROVIDER WHOSE EHR SYSTEM IS DIFFERENT FROM YOUR OWN?</p> <p>-9 = Blank -8 = Unknown -7 = Not applicable -6 = Refused to answer 1 = Yes 2 = No</p> <p>DO YOU ELECTRONICALLY SEND OR RECEIVE HOSPITAL DISCHARGE SUMMARIES TO OR FROM PROVIDERS OUTSIDE OF YOUR MEDICAL ORGANIZATION? (Mark all that apply.)</p>
286	2	602-603	<p>[EDISCHSRE1] SEND ELECTRONICALLY</p> <p>-9 = Entire item is blank 0 = Box is not marked 1 = Yes</p>
287	2	604-605	<p>[EDISCHSRE2] RECEIVE ELECTRONICALLY</p> <p>-9 = Entire item is blank 0 = Box is not marked 1 = Yes</p>
288	2	606-607	<p>[EDISCHSRE3] DO NOT SEND ELECTRONICALLY</p> <p>-9 = Entire item is blank 0 = Box is not marked 1 = Yes</p> <p>DO YOU ELECTRONICALLY SEND OR RECEIVE DEPT. NOTIFICATIONS TO OR FROM PROVIDERS OUTSIDE OF YOUR MEDICAL ORGANIZATION? (Mark all that apply.)</p>
289	2	608-609	<p>[EEDSRE1] SEND ELECTRONICALLY</p> <p>-9 = Entire item is blank 0 = Box is not marked 1 = Yes</p>

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
290	2	610-611	[EEDSRE2] RECEIVE ELECTRONICALLY -9 = Entire item is blank 0 = Box is not marked 1 = Yes
291	2	612-613	[EEDSRE3] DO NOT SEND ELECTRONICALLY -9 = Entire item is blank 0 = Box is not marked 1 = Yes DO YOU ELECTRONICALLY SEND OR RECEIVE SUMMARY OF CARE RECORDS FOR TRANSITIONS OF CARE OR REFERRALS TO AND FROM PROVIDERS OUTSIDE OF YOUR MEDICAL ORGANIZATION? (Mark all that apply.)
292	2	614-615	[ESUMCSRE1] SEND ELECTRONICALLY -9 = Entire item is blank 0 = Box is not marked 1 = Yes
293	2	616-617	[ESUMCSRE2] RECEIVE ELECTRONICALLY -9 = Entire item is blank 0 = Box is not marked 1 = Yes
294	2	618-619	[ESUMCSRE3] DO NOT SEND ELECTRONICALLY -9 = Entire item is blank 0 = Box is not marked 1 = Yes CAN PATIENTS SEEN AT THE REPORTING LOCATION DO THE FOLLOWING ONLINE ACTIVITIES? <i>Mark all that apply</i>
295	2	620-621	[PTONLINEE1] VIEW THEIR MEDICAL RECORDS ONLINE -9 = Entire item is blank 0 = Box is not marked 1 = Yes
296	2	622-623	[PTONLINEE2] DOWNLOAD AND TRANSMIT HEALTH INFORMATION FROM THE ELECTRONIC MEDICAL RECORD TO THEIR PERSONAL FILES -9 = Entire item is blank 0 = Box is not marked 1 = Yes
297	2	624-625	[PTONLINEE3] REQUEST CORRECTIONS TO THEIR ELECTRONIC MEDICAL RECORD -9 = Entire item is blank 0 = Box is not marked 1 = Yes

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
298	2	626-627	[PTONLINEE4] ENTER THEIR HEALTH INFORMATION ONLINE (E.G., WEIGHT, SYMPTOMS) -9 = Entire item is blank 0 = Box is not marked 1 = Yes
299	2	628-629	[PTONLINEE5] UPLOAD THEIR DATA FROM SELF-MONITORING DEVICES (E.G., BLOOD GLUCOSE READINGS) -9 = Entire item is blank 0 = Box is not marked 1 = Yes
300	2	630-631	[PTONLINEE6] NONE OF THE ABOVE -9 = Entire item is blank 0 = Box is not marked 1 = Yes
301	2	632-633	[EDPRIM] WHEN PATIENTS WITH IDENTIFIED PRIMARY CARE PHYSICIANS (PCP) ARRIVE AT THE ED, HOW OFTEN DO YOU ELECTRONICALLY SEND NOTIFICATIONS TO THE PATIENTS' PCP? -9 = Blank -8 = Unknown -7 = Not applicable -6 = Refused to answer 1 = Always 2 = Sometimes 3 = Rarely 4 = Never
302	2	634-635	[EDINFO] WHEN PATIENTS ARRIVE AT THE ED, ARE YOU ABLE TO QUERY FOR PATIENTS' HEALTHCARE INFORMATION ELECTRONICALLY (E.G., MEDICATIONS, ALLERGIES) FROM OUTSIDE SOURCES? -9 = Blank -8 = Unknown 1 = Yes 2 = No
303	2	636-637	[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

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
304	2	638-639	<p>[OBSSEP] IF YES TO DOES YOUR ED HAVE AN OBERVATION OR CLINICAL DECISION UNIT, IS THIS OBSERVATION OR CLINICAL DECISION UNIT SEPARATE FROM THE ED?</p> <p>-9 = Blank -8 = Unknown -7 = Not applicable 1 = Yes 2 = No</p> <p>IF YOUR ED HAS A PHYSICALLY SEPARATE OBSERVATION OR CLINICAL DECISION UNIT, WHAT TYPE OF PHYSICIAN MAKES DECISIONS FOR PATIENTS IN THIS OBSERVATION UNIT?</p>
305	2	640-641	[OBSPHYSED] ED physicians
306	2	642-643	[OBSPHOSP] Hospitalists
307	2	644-645	[OBSPHYSOT] Other physicians
308	2	646-647	<p>[OBSPHYSUN] Unknown</p> <p>-7 = Not applicable 0 = Box is not marked 1 = Box is marked</p>
309	2	648-649	<p>[BOARD] ARE ADMITTED ED PATIENTS EVER "BOARDED" FOR MORE THAN 2 HOURS IN THE ED OR OBSERVATION UNIT WHILE WAITING FOR AN INPATIENT BED?</p> <p>-9 = Blank -8 = Unknown 1 = Yes 2 = No</p>
310	2	650-651	<p>[BOARDHOS] DOES YOUR ED ALLOW SOME ADMITTED PATIENTS TO MOVE FROM THE ED TO INPATIENT CORRIDORS WHILE AWAITING A BED ("BOARDING") – SOMETIMES CALLED "FULL CAPACITY PROTOCOL"?</p> <p>-9 = Blank -8 = Unknown 1 = Yes 2 = No</p>
311	2	652-653	<p>[AMBDIV] DID YOUR ED GO ON AMBULANCE DIVERSION IN 2015?</p> <p>-9 = Blank -8 = Unknown 1 = Yes 2 = No</p>

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
312	2	654-655	[TOTHRDIVR] WHAT IS THE TOTAL NUMBER OF HOURS YOUR HOSPITAL'S ED WAS ON AMBULANCE DIVERSION IN 2015? (Recoded) -9 = Blank -8 = Unknown -7 = Not applicable 2 = 1-99 3 = 100-499 4 = 500 or more 5 = Diversion data not available
313	2	656-657	[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
314	2	658-659	[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
315	2	660-661	[INCSHX] IN THE LAST TWO YEARS, DID YOUR ED INCREASE THE NUMBER OF STANDARD TREATMENT SPACES? -9 = Blank -8 = Unknown 1 = Yes 2 = No
316	2	662-663	[INCPHYS] IN THE LAST TWO YEARS, DID YOUR ED'S PHYSICAL SPACE EXPAND? -9 = Blank -8 = Unknown 1 = Yes 2 = No
317	2	664-665	[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

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
			DOES YOUR ED USE: (Note change in item format since 2009.) -9 = Blank -8 = Unknown 1 = Yes 2 = No
318	2	666-667	[BEDREG] Bedside registration
319	2	668-669	[KIOSELCHK] Kiosk self check-in
320	2	670-671	[CATRIAGE] Computer-assisted triage
321	2	672-673	[IMBED] Immediate bedding (no triage when ED is not at capacity)
322	2	674-675	[ADVTRIAG] Advanced triage (triage-based care) protocols
323	2	676-677	[PHYSPRACTRIA] Physician/practitioner at triage
324	2	678-679	[FASTTRAK] Separate fast track unit for non-urgent care
325	2	680-681	[EDPTOR] Separate operating room dedicated to ED patients
326	2	682-683	[DASHBORD] Electronic dashboard (i.e., displays updated patient information and integrates multiple data sources)
327	2	684-685	[RFID] Radio frequency identification (RFID) tracking (i.e., shows exact location of patients, caregivers, and equipment)
328	2	686-687	[WIRELESS] Wireless communication devices by providers
329	2	688-689	[ZONENURS] Zone nursing (i.e., all of a nurse's patients are located in one area)
330	2	690-691	[POOLNURS] "Pool" nurses (i.e., nurses that can be pulled to the ED to respond to surges in demand)
331	2	692-693	[SURGDAY]HOW MANY DAYS IN A WEEK ARE INPATIENT ELECTIVE SURGERIES SCHEDULED? -9 = Blank -8 = Unknown 0-7
332	2	694-695	[BEDCZAR] DOES YOUR HOSPITAL HAVE A BED COORDINATOR, SOMETIMES REFERRED TO AS A BED CZAR? -9 = Blank -8 = Unknown 1 = Yes 2 = No
333	2	696-697	[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

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
334	2	698-699	[HLIST] DOES YOUR HOSPITAL HAVE HOSPITALISTS ON STAFF? -9 = Blank -8 = Unknown 1 = Yes 2 = No
335	2	700-701	[HLISTED] DO THE HOSPITALISTS ON STAFF AT YOUR HOSIPTAL ADMIT PATIENTS FROM YOUR ED? -9 = Blank -8 = Unknown -7 = Not applicable 1 = Yes 2 = No
336	2	702-703	[EMEDRES] DOES YOUR HOSPITAL HAVE AN EMERGENCY MEDICINE RESIDENCY PROGRAM? -9 = Blank -8 = Unknown 1 = Yes 2 = No
337	1	704	[REGION] GEOGRAPHIC REGION (Based on actual location of the hospital.) 1 = Northeast 2 = Midwest 3 = South 4 = West
338	1	705	[MSA] METROPOLITAN STATISTICAL AREA STATUS (Based on actual location of the hospital in conjunction with the definition of the Bureau of the Census and the U.S. Office of Management and Budget.) 1 = MSA (Metropolitan Statistical Area) 2 = Non-MSA (includes micropolitan statistical areas)

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

DRUG-RELATED INFO FOR MEDICATION #1

NOTE: Starting with the 2006 data release, all drug codes based on entry name (using NCHS' standard classification system) were also assigned a unique generic drug code from Multum's Lexicon Drug Database, where possible. The structure of the Multum database is such that multiple ingredient drugs are assigned a single generic drug code encompassing all of a drug's ingredients rather than being assigned generic drug codes for each ingredient, as in past years of NHAMCS drug data. All Multum codes start with the letter "d" but there were some drugs reported in NHAMCS that could not be assigned a code in Multum. These received a prefix of either "a" (when ingredients could be determined) or "c" (when ingredients could not be determined). For more on the structure of the drug data (including information on therapeutic class and drug ingredients, please see page 25.)

339	6	706-711	[DRUGID1] DRUG ID (See p. 147 for more information.) a07001-a92507 = NCHS code (for drugs not found in Multum but for which ingredients could be determined) c00001-c00898, c00900-c92511 = NCHS code (for drugs not found in Multum and with undetermined ingredients) d00001-d08200 = Multum code n00001-n12023 = NCHS code (for drugs not found in Multum that were added to the database beginning with survey year 2008)
340	1	712	[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
341	1	713	[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
342	1	714	[COMSTAT1] COMPOSITION STATUS CODE 1 = Single Entity Drug 2 = Combination Drug 3 = Undetermined
343	3	715-717	[RX1CAT1] MULTUM DRUG CATEGORY # 1

Reflects the most detailed therapeutic level to which the drug can be classified. For some drugs, Multum Level 1 (broadest level) is the most detailed, while others can be coded to Level 2, but the majority can be coded to Level 3 (most detailed level). For more on the Multum classification system, please see page 25. The complete Multum classification is shown in Appendix III.

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

344	3	718-720	[RX1CAT2] MULTUM DRUG CATEGORY # 2 See RX1CAT1.
-----	---	---------	--

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
345	3	721-723	[RX1CAT3] MULTUM DRUG CATEGORY # 3 See RX1CAT1.
346	3	724-726	[RX1CAT4] MULTUM DRUG CATEGORY # 4 See RX1CAT1.
DRUG CATEGORY LEVELS			
See RX1CAT1 for general coding conventions that apply to all Multum drug categories. Complete Multum classification scheme is shown in Appendix III.			
347	3	727-729	[RX1V1C1] Level 1 of MULTUM DRUG CATEGORY # 1
348	3	730-732	[RX1V1C2] Level 1 of MULTUM DRUG CATEGORY # 2
349	3	733-735	[RX1V1C3] Level 1 of MULTUM DRUG CATEGORY # 3
350	3	736-738	[RX1V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
351	3	739-741	[RX1V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
352	3	742-744	[RX1V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
353	3	745-747	[RX1V2C3] Level 2 of MULTUM DRUG CATEGORY # 3
354	3	748-750	[RX1V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
355	3	751-753	[RX1V3C1] Level 3 of MULTUM DRUG CATEGORY # 1
356	3	754-756	[RX1V3C2] Level 3 of MULTUM DRUG CATEGORY # 2
357	3	757-759	[RX1V3C3] Level 3 of MULTUM DRUG CATEGORY # 3
358	3	760-762	[RX1V3C4] Level 3 of MULTUM DRUG CATEGORY # 4

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

DRUG-RELATED INFO FOR MEDICATION #2

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 73) for coding information.

359	6	763-768	[DRUGID2] Drug ID
360	1	769	[PRESCR2] PRESCRIPTION STATUS CODE
361	1	770	[CONTSUB2] CONTROLLED SUBSTANCE STATUS CODE
362	1	771	[COMSTAT2] COMPOSITION STATUS CODE
363	3	772-774	[RX2CAT1] MULTUM DRUG CATEGORY # 1
364	3	775-777	[RX2CAT2] MULTUM DRUG CATEGORY # 2 See RX2CAT1.
365	3	778-780	[RX2CAT3] MULTUM DRUG CATEGORY # 3 See RX2CAT1.
366	3	781-783	[RX2CAT4] MULTUM DRUG CATEGORY # 4 See RX2CAT1.

DRUG CATEGORY LEVELS

367	3	784-786	[RX2V1C1] Level 1 of MULTUM DRUG CATEGORY # 1
368	3	787-789	[RX2V1C2] Level 1 of MULTUM DRUG CATEGORY # 2
369	3	790-792	[RX2V1C3] Level 1 of MULTUM DRUG CATEGORY # 3
370	3	793-795	[RX2V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
371	3	796-798	[RX2V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
372	3	799-801	[RX2V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
373	3	802-804	[RX2V2C3] Level 2 of MULTUM DRUG CATEGORY # 3
374	3	805-807	[RX2V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
375	3	808-810	[RX2V3C1] Level 3 of MULTUM DRUG CATEGORY # 1
376	3	811-813	[RX2V3C2] Level 3 of MULTUM DRUG CATEGORY # 2
377	3	814-816	[RX2V3C3] Level 3 of MULTUM DRUG CATEGORY # 3
378	3	817-819	[RX2V3C4] Level 3 of MULTUM DRUG CATEGORY # 4

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

DRUG-RELATED INFO FOR MEDICATION #3

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 73) for coding information.

379	6	820-825	[DRUGID3] Drug ID
380	1	826	[PRESCR3] PRESCRIPTION STATUS CODE
381	1	827	[CONTSUB3] CONTROLLED SUBSTANCE STATUS CODE
382	1	828	[COMSTAT3] COMPOSITION STATUS CODE
383	3	829-831	[RX3CAT1] MULTUM DRUG CATEGORY # 1
384	3	832-834	[RX3CAT2] MULTUM DRUG CATEGORY # 2 See RX3CAT1.
385	3	835-837	[RX3CAT3] MULTUM DRUG CATEGORY # 3 See RX3CAT1.
386	3	838-840	[RX3CAT4] MULTUM DRUG CATEGORY # 4 See RX3CAT1.

DRUG CATEGORY LEVELS

387	3	841-843	[RX3V1C1] Level 1 of MULTUM DRUG CATEGORY # 1
388	3	844-846	[RX3V1C2] Level 1 of MULTUM DRUG CATEGORY # 2
389	3	847-849	[RX3V1C3] Level 1 of MULTUM DRUG CATEGORY # 3
390	3	850-852	[RX3V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
391	3	853-855	[RX3V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
392	3	856-858	[RX3V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
393	3	859-861	[RX3V2C3] Level 2 of MULTUM DRUG CATEGORY # 3
394	3	862-864	[RX3V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
395	3	865-867	[RX3V3C1] Level 3 of MULTUM DRUG CATEGORY # 1
396	3	868-870	[RX3V3C2] Level 3 of MULTUM DRUG CATEGORY # 2
397	3	871-873	[RX3V3C3] Level 3 of MULTUM DRUG CATEGORY # 3
398	3	874-876	[RX3V3C4] Level 3 of MULTUM DRUG CATEGORY # 4

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

DRUG-RELATED INFO FOR MEDICATION #4

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 73) for coding information.

399	6	877-882	[DRUGID4] Drug ID
400	1	883	[PRESCR4] PRESCRIPTION STATUS CODE
401	1	884	[CONTSUB4] CONTROLLED SUBSTANCE STATUS CODE
402	1	885	[COMSTAT4] COMPOSITION STATUS CODE
403	3	886-888	[RX4CAT1] MULTUM DRUG CATEGORY # 1
404	3	889-891	[RX4CAT2] MULTUM DRUG CATEGORY # 2 See RX4CAT1.
405	3	892-894	[RX4CAT3] MULTUM DRUG CATEGORY # 3 See RX4CAT1.
406	3	895-897	[RX4CAT4] MULTUM DRUG CATEGORY # 4 See RX4CAT1.

DRUG CATEGORY LEVELS

407	3	898-900	[RX4V1C1] Level 1 of MULTUM DRUG CATEGORY # 1
408	3	901-903	[RX4V1C2] Level 1 of MULTUM DRUG CATEGORY # 2
409	3	904-906	[RX4V1C3] Level 1 of MULTUM DRUG CATEGORY # 3
410	3	907-909	[RX4V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
411	3	910-912	[RX4V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
412	3	913-915	[RX4V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
413	3	916-918	[RX4V2C3] Level 2 of MULTUM DRUG CATEGORY # 3
414	3	919-921	[RX4V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
415	3	922-924	[RX4V3C1] Level 3 of MULTUM DRUG CATEGORY # 1
416	3	925-927	[RX4V3C2] Level 3 of MULTUM DRUG CATEGORY # 2
417	3	928-930	[RX4V3C3] Level 3 of MULTUM DRUG CATEGORY # 3
418	3	931-933	[RX4V3C4] Level 3 of MULTUM DRUG CATEGORY # 4

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

DRUG-RELATED INFO FOR MEDICATION #5

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 73) for coding information.

419	6	934-939	[DRUGID5] Drug ID
420	1	940	[PRESCR5] PRESCRIPTION STATUS CODE
421	1	941	[CONTSUB5] CONTROLLED SUBSTANCE STATUS CODE
422	1	942	[COMSTAT5] COMPOSITION STATUS CODE
423	3	943-945	[RX5CAT1] MULTUM DRUG CATEGORY # 1
424	3	946-948	[RX5CAT2] MULTUM DRUG CATEGORY # 2 See RX3CAT1.
425	3	949-951	[RX5CAT3] MULTUM DRUG CATEGORY # 3 See RX3CAT1.
426	3	952-954	[RX5CAT4] MULTUM DRUG CATEGORY # 4 See RX3CAT1.

DRUG CATEGORY LEVELS

427	3	955-957	[RX5V1C1] Level 1 of MULTUM DRUG CATEGORY # 1
428	3	958-960	[RX5V1C2] Level 1 of MULTUM DRUG CATEGORY # 2
429	3	961-963	[RX5V1C3] Level 1 of MULTUM DRUG CATEGORY # 3
430	3	964-966	[RX5V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
431	3	967-969	[RX5V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
432	3	970-972	[RX5V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
433	3	973-975	[RX5V2C3] Level 2 of MULTUM DRUG CATEGORY # 3
434	3	976-978	[RX5V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
435	3	979-981	[RX5V3C1] Level 3 of MULTUM DRUG CATEGORY # 1
436	3	982-984	[RX5V3C2] Level 3 of MULTUM DRUG CATEGORY # 2
437	3	985-987	[RX5V3C3] Level 3 of MULTUM DRUG CATEGORY # 3
438	3	988-990	[RX5V3C4] Level 3 of MULTUM DRUG CATEGORY # 4

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

DRUG-RELATED INFO FOR MEDICATION #6

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 73) for coding information.

439	6	991-996	[DRUGID6] Drug ID
440	1	997	[PRESCR6] PRESCRIPTION STATUS CODE
441	1	998	[CONTSUB6] CONTROLLED SUBSTANCE STATUS CODE
442	1	999	[COMSTAT6] COMPOSITION STATUS CODE
443	3	1000-1002	[RX6CAT1] MULTUM DRUG CATEGORY # 1
444	3	1003-1005	[RX6CAT2] MULTUM DRUG CATEGORY # 2 See RX6CAT1.
445	3	1006-1008	[RX6CAT3] MULTUM DRUG CATEGORY # 3 See RX6CAT1.
446	3	1009-1011	[RX6CAT4] MULTUM DRUG CATEGORY # 4 See RX6CAT1.

DRUG CATEGORY LEVELS

447	3	1012-1014	[RX6V1C1] Level 1 of MULTUM DRUG CATEGORY # 1
448	3	1015-1017	[RX6V1C2] Level 1 of MULTUM DRUG CATEGORY # 2
449	3	1018-1020	[RX6V1C3] Level 1 of MULTUM DRUG CATEGORY # 3
450	3	1021-1023	[RX6V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
451	3	1024-1026	[RX6V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
452	3	1027-1029	[RX6V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
453	3	1030-1032	[RX6V2C3] Level 2 of MULTUM DRUG CATEGORY # 3
454	3	1033-1035	[RX6V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
455	3	1036-1038	[RX6V3C1] Level 3 of MULTUM DRUG CATEGORY # 1
456	3	1039-1041	[RX6V3C2] Level 3 of MULTUM DRUG CATEGORY # 2
457	3	1042-1044	[RX6V3C3] Level 3 of MULTUM DRUG CATEGORY # 3
458	3	1045-1047	[RX6V3C4] Level 3 of MULTUM DRUG CATEGORY # 4

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

DRUG-RELATED INFO FOR MEDICATION #7

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 73) for coding information.

459	6	1048-1053	[DRUGID7] Drug ID
460	1	1054	[PRESCR7] PRESCRIPTION STATUS CODE
461	1	1055	[CONTSUB7] CONTROLLED SUBSTANCE STATUS CODE
462	1	1056	[COMSTAT7] COMPOSITION STATUS CODE
463	3	1057-1059	[RX7CAT1] MULTUM DRUG CATEGORY # 1
464	3	1060-1062	[RX7CAT2] MULTUM DRUG CATEGORY # 2 See RX7CAT1.
465	3	1063-1065	[RX7CAT3] MULTUM DRUG CATEGORY # 3 See RX7CAT1.
466	3	1066-1068	[RX7CAT4] MULTUM DRUG CATEGORY # 4 See RX7CAT1.

DRUG CATEGORY LEVELS

467	3	1069-1071	[RX7V1C1] Level 1 of MULTUM DRUG CATEGORY # 1
468	3	1072-1074	[RX7V1C2] Level 1 of MULTUM DRUG CATEGORY # 2
469	3	1075-1077	[RX7V1C3] Level 1 of MULTUM DRUG CATEGORY # 3
470	3	1078-1080	[RX7V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
471	3	1081-1083	[RX7V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
472	3	1084-1086	[RX7V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
473	3	1087-1089	[RX7V2C3] Level 2 of MULTUM DRUG CATEGORY # 3
474	3	1090-1092	[RX7V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
475	3	1093-1095	[RX7V3C1] Level 3 of MULTUM DRUG CATEGORY # 1
476	3	1096-1098	[RX7V3C2] Level 3 of MULTUM DRUG CATEGORY # 2
477	3	1099-1101	[RX7V3C3] Level 3 of MULTUM DRUG CATEGORY # 3
478	3	1102-1104	[RX7V3C4] Level 3 of MULTUM DRUG CATEGORY # 4

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

DRUG-RELATED INFO FOR MEDICATION #8

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 73) for coding information.

479	6	1105-1110	[DRUGID8] Drug ID
480	1	1111	[PRESCR8] PRESCRIPTION STATUS CODE
481	1	1112	[CONTSUB8] CONTROLLED SUBSTANCE STATUS CODE
482	1	1113	[COMSTAT8] COMPOSITION STATUS CODE
483	3	1114-1116	[RX8CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class)
484	3	1117-1119	[RX8CAT2] MULTUM DRUG CATEGORY # 2 See RX8CAT1.
485	3	1120-1122	[RX8CAT3] MULTUM DRUG CATEGORY # 3 See RX8CAT1.
486	3	1123-1125	[RX8CAT4] MULTUM DRUG CATEGORY # 4 See RX8CAT1.

DRUG CATEGORY LEVELS

487	3	1126-1128	[RX8V1C1] Level 1 of MULTUM DRUG CATEGORY # 1
488	3	1129-1131	[RX8V1C2] Level 1 of MULTUM DRUG CATEGORY # 2
489	3	1132-1134	[RX8V1C3] Level 1 of MULTUM DRUG CATEGORY # 3
490	3	1135-1137	[RX8V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
491	3	1138-1140	[RX8V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
492	3	1141-1143	[RX8V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
493	3	1144-1146	[RX8V2C3] Level 2 of MULTUM DRUG CATEGORY # 3
494	3	1147-1149	[RX8V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
495	3	1150-1152	[RX8V3C1] Level 3 of MULTUM DRUG CATEGORY # 1
496	3	1153-1155	[RX8V3C2] Level 3 of MULTUM DRUG CATEGORY # 2
497	3	1156-1158	[RX8V3C3] Level 3 of MULTUM DRUG CATEGORY # 3
498	3	1159-1161	[RX8V3C4] Level 3 of MULTUM DRUG CATEGORY # 4

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

DRUG-RELATED INFO FOR MEDICATION #9

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 73) for coding information.

499	6	1162-1167	[DRUGID9] Drug ID
500	1	1168	[PRESCR9] PRESCRIPTION STATUS CODE
501	1	1169	[CONTSUB9] CONTROLLED SUBSTANCE STATUS CODE
502	1	1170	[COMSTAT9] COMPOSITION STATUS CODE
503	3	1171-1173	[RX9CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class)
504	3	1174-1176	[RX9CAT2] MULTUM DRUG CATEGORY # 2 See RX9CAT1.
505	3	1177-1179	[RX9CAT3] MULTUM DRUG CATEGORY # 3 See RX9CAT1.
506	3	1180-1182	[RX9CAT4] MULTUM DRUG CATEGORY # 4 See RX9CAT1.

DRUG CATEGORY LEVELS

507	3	1183-1185	[RX9V1C1] Level 1 of MULTUM DRUG CATEGORY # 1
508	3	1186-1188	[RX9V1C2] Level 1 of MULTUM DRUG CATEGORY # 2
509	3	1189-1191	[RX9V1C3] Level 1 of MULTUM DRUG CATEGORY # 3
510	3	1192-1194	[RX9V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
511	3	1195-1197	[RX9V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
512	3	1198-1200	[RX9V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
513	3	1201-1203	[RX9V2C3] Level 2 of MULTUM DRUG CATEGORY # 3
514	3	1204-1206	[RX9V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
515	3	1207-1209	[RX9V3C1] Level 3 of MULTUM DRUG CATEGORY # 1
516	3	1210-1212	[RX9V3C2] Level 3 of MULTUM DRUG CATEGORY # 2
517	3	1213-1215	[RX9V3C3] Level 3 of MULTUM DRUG CATEGORY # 3
518	3	1216-1218	[RX9V3C4] Level 3 of MULTUM DRUG CATEGORY # 4

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

DRUG-RELATED INFO FOR MEDICATION #10

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 73) for coding information.

519	6	1219-1224	[DRUGID10] Drug ID
520	1	1225	[PRESCR10] PRESCRIPTION STATUS CODE
521	1	1226	[CONTSUB10] CONTROLLED SUBSTANCE STATUS CODE
522	1	1227	[COMSTAT10] COMPOSITION STATUS CODE
523	3	1228-1230	[RX10CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class)
524	3	1231-1233	[RX10CAT2] MULTUM DRUG CATEGORY # 2 See RX10CAT1.
525	3	1234-1236	[RX10CAT3] MULTUM DRUG CATEGORY # 3 See RX10CAT1.
526	3	1237-1239	[RX10CAT4] MULTUM DRUG CATEGORY # 4 See RX10CAT1.

DRUG CATEGORY LEVELS

527	3	1240-1242	[RX10V1C1] Level 1 of MULTUM DRUG CATEGORY # 1
528	3	1243-1245	[RX10V1C2] Level 1 of MULTUM DRUG CATEGORY # 2
529	3	1246-1248	[RX10V1C3] Level 1 of MULTUM DRUG CATEGORY # 3
530	3	1249-1251	[RX10V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
531	3	1252-1254	[RX10V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
532	3	1255-1257	[RX10V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
533	3	1258-1260	[RX10V2C3] Level 2 of MULTUM DRUG CATEGORY # 3
534	3	1261-1263	[RX10V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
535	3	1264-1266	[RX10V3C1] Level 3 of MULTUM DRUG CATEGORY # 1
536	3	1267-1269	[RX10V3C2] Level 3 of MULTUM DRUG CATEGORY # 2
537	3	1270-1272	[RX10V3C3] Level 3 of MULTUM DRUG CATEGORY # 3
538	3	1273-1275	[RX10V3C4] Level 3 of MULTUM DRUG CATEGORY # 4

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

DRUG-RELATED INFO FOR MEDICATION #11

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 73) for coding information.

539	6	1276-1281	[DRUGID11] Drug ID
540	1	1282	[PRESCR11] PRESCRIPTION STATUS CODE
541	1	1283	[CONTSUB11] CONTROLLED SUBSTANCE STATUS CODE
542	1	1284	[COMSTAT11] COMPOSITION STATUS CODE
543	3	1285-1287	[RX11CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class)
544	3	1288-1290	[RX11CAT2] MULTUM DRUG CATEGORY # 2 See RX11CAT1.
545	3	1291-1293	[RX11CAT3] MULTUM DRUG CATEGORY # 3 See RX11CAT1.
546	3	1294-1296	[RX11CAT4] MULTUM DRUG CATEGORY # 4 See RX11CAT1.

DRUG CATEGORY LEVELS

547	3	1297-1299	[RX11V1C1] Level 1 of MULTUM DRUG CATEGORY # 1
548	3	1300-1302	[RX11V1C2] Level 1 of MULTUM DRUG CATEGORY # 2
549	3	1303-1305	[RX11V1C3] Level 1 of MULTUM DRUG CATEGORY # 3
550	3	1306-1308	[RX11V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
551	3	1309-1311	[RX11V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
552	3	1312-1314	[RX11V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
553	3	1315-1317	[RX11V2C3] Level 2 of MULTUM DRUG CATEGORY # 3
554	3	1318-1320	[RX11V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
555	3	1321-1323	[RX11V3C1] Level 3 of MULTUM DRUG CATEGORY # 1
556	3	1324-1326	[RX11V3C2] Level 3 of MULTUM DRUG CATEGORY # 2
557	3	1327-1329	[RX11V3C3] Level 3 of MULTUM DRUG CATEGORY # 3
558	3	1330-1332	[RX11V3C4] Level 3 of MULTUM DRUG CATEGORY # 4

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

DRUG-RELATED INFO FOR MEDICATION #12

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 73) for coding information.

559	6	1333-1338	[DRUGID12] Drug ID
560	1	1339	[PRESCR12] PRESCRIPTION STATUS CODE
561	1	1340	[CONTSUB12] CONTROLLED SUBSTANCE STATUS CODE
562	1	1341	[COMSTAT12] COMPOSITION STATUS CODE
563	3	1342-1344	[RX12CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class)
564	3	1345-1347	[RX12CAT2] MULTUM DRUG CATEGORY # 2 See RX12CAT1.
565	3	1348-1350	[RX12CAT3] MULTUM DRUG CATEGORY # 3 See RX12CAT1.
566	3	1351-1353	[RX12CAT4] MULTUM DRUG CATEGORY # 4 See RX12CAT1.

DRUG CATEGORY LEVELS

567	3	1354-1356	[RX12V1C1] Level 1 of MULTUM DRUG CATEGORY # 1
568	3	1357-1359	[RX12V1C2] Level 1 of MULTUM DRUG CATEGORY # 2
569	3	1360-1362	[RX12V1C3] Level 1 of MULTUM DRUG CATEGORY # 3
570	3	1363-1365	[RX12V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
571	3	1366-1368	[RX12V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
572	3	1369-1371	[RX12V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
573	3	1372-1374	[RX12V2C3] Level 2 of MULTUM DRUG CATEGORY # 3
574	3	1375-1377	[RX12V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
575	3	1378-1380	[RX12V3C1] Level 3 of MULTUM DRUG CATEGORY # 1
576	3	1381-1383	[RX12V3C2] Level 3 of MULTUM DRUG CATEGORY # 2
577	3	1384-1386	[RX12V3C3] Level 3 of MULTUM DRUG CATEGORY # 3
578	3	1387-1389	[RX12V3C4] Level 3 of MULTUM DRUG CATEGORY # 4

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

DRUG-RELATED INFO FOR MEDICATION #13

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 73) for coding information.

579	6	1390-1395	[DRUGID13] Drug ID
580	1	1396	[PRESCR13] PRESCRIPTION STATUS CODE
581	1	1397	[CONTSUB13] CONTROLLED SUBSTANCE STATUS CODE
582	1	1398	[COMSTAT13] COMPOSITION STATUS CODE
583	3	1399-1401	[RX13CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class)
584	3	1402-1404	[RX13CAT2] MULTUM DRUG CATEGORY # 2 See RX13CAT1.
585	3	1405-1407	[RX13CAT3] MULTUM DRUG CATEGORY # 3 See RX13CAT1.
586	3	1408-1410	[RX13CAT4] MULTUM DRUG CATEGORY # 4 See RX13CAT1.

DRUG CATEGORY LEVELS

587	3	1411-1413	[RX13V1C1] Level 1 of MULTUM DRUG CATEGORY # 1
588	3	1414-1416	[RX13V1C2] Level 1 of MULTUM DRUG CATEGORY # 2
589	3	1417-1419	[RX13V1C3] Level 1 of MULTUM DRUG CATEGORY # 3
590	3	1420-1422	[RX13V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
591	3	1423-1425	[RX13V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
592	3	1426-1428	[RX13V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
593	3	1429-1431	[RX13V2C3] Level 2 of MULTUM DRUG CATEGORY # 3
594	3	1432-1434	[RX13V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
595	3	1435-1437	[RX13V3C1] Level 3 of MULTUM DRUG CATEGORY # 1
596	3	1438-1440	[RX13V3C2] Level 3 of MULTUM DRUG CATEGORY # 2
597	3	1441-1443	[RX13V3C3] Level 3 of MULTUM DRUG CATEGORY # 3
598	3	1444-1446	[RX13V3C4] Level 3 of MULTUM DRUG CATEGORY # 4

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

DRUG-RELATED INFO FOR MEDICATION #14

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 73) for coding information.

599	6	1447-1452	[DRUGID14] Drug ID
600	1	1453	[PRESCR14] PRESCRIPTION STATUS CODE
601	1	1454	[CONTSUB14] CONTROLLED SUBSTANCE STATUS CODE
602	1	1455	[COMSTAT14] COMPOSITION STATUS CODE
603	3	1456-1458	[RX14CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class)
604	3	1459-1461	[RX14CAT2] MULTUM DRUG CATEGORY # 2 See RX14CAT1.
605	3	1462-1464	[RX14CAT3] MULTUM DRUG CATEGORY # 3 See RX14CAT1.
606	3	1465-1467	[RX14CAT4] MULTUM DRUG CATEGORY # 4 See RX14CAT1.

DRUG CATEGORY LEVELS

607	3	1468-1470	[RX14V1C1] Level 1 of MULTUM DRUG CATEGORY # 1
608	3	1471-1473	[RX14V1C2] Level 1 of MULTUM DRUG CATEGORY # 2
609	3	1474-1476	[RX14V1C3] Level 1 of MULTUM DRUG CATEGORY # 3
610	3	1477-1479	[RX14V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
611	3	1480-1482	[RX14V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
612	3	1483-1485	[RX14V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
613	3	1486-1488	[RX14V2C3] Level 2 of MULTUM DRUG CATEGORY # 3
614	3	1489-1491	[RX14V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
615	3	1492-1494	[RX14V3C1] Level 3 of MULTUM DRUG CATEGORY # 1
616	3	1495-1497	[RX14V3C2] Level 3 of MULTUM DRUG CATEGORY # 2
617	3	1498-1500	[RX14V3C3] Level 3 of MULTUM DRUG CATEGORY # 3
618	3	1501-1503	[RX14V3C4] Level 3 of MULTUM DRUG CATEGORY # 4

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

DRUG-RELATED INFO FOR MEDICATION #15

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 73) for coding information.

619	6	1504-1509	[DRUGID15] Drug ID
620	1	1510	[PRESCR15] PRESCRIPTION STATUS CODE
621	1	1511	[CONTSUB15] CONTROLLED SUBSTANCE STATUS CODE
622	1	1512	[COMSTAT15] COMPOSITION STATUS CODE
623	3	1513-1515	[RX15CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class)
624	3	1516-1518	[RX15CAT2] MULTUM DRUG CATEGORY # 2 See RX15CAT1.
625	3	1519-1521	[RX15CAT3] MULTUM DRUG CATEGORY # 3 See RX15CAT1.
626	3	1522-1524	[RX15CAT4] MULTUM DRUG CATEGORY # 4 See RX15CAT1.

DRUG CATEGORY LEVELS

627	3	1525-1527	[RX15V1C1] Level 1 of MULTUM DRUG CATEGORY # 1
628	3	1528-1530	[RX15V1C2] Level 1 of MULTUM DRUG CATEGORY # 2
629	3	1531-1533	[RX15V1C3] Level 1 of MULTUM DRUG CATEGORY # 3
630	3	1534-1536	[RX15V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
631	3	1537-1539	[RX15V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
632	3	1540-1542	[RX15V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
633	3	1543-1545	[RX15V2C3] Level 2 of MULTUM DRUG CATEGORY # 3
634	3	1546-1548	[RX15V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
635	3	1549-1551	[RX15V3C1] Level 3 of MULTUM DRUG CATEGORY # 1
636	3	1552-1554	[RX15V3C2] Level 3 of MULTUM DRUG CATEGORY # 2
637	3	1555-1557	[RX15V3C3] Level 3 of MULTUM DRUG CATEGORY # 3
638	3	1558-1560	[RX15V3C4] Level 3 of MULTUM DRUG CATEGORY # 4

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

DRUG-RELATED INFO FOR MEDICATION #16

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 73) for coding information.

639	6	1561-1566	[DRUGID16] Drug ID
640	1	1567	[PRESCR16] PRESCRIPTION STATUS CODE
641	1	1568	[CONTSUB16] CONTROLLED SUBSTANCE STATUS CODE
642	1	1569	[COMSTAT16] COMPOSITION STATUS CODE
643	3	1570-1572	[RX16CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class)
644	3	1573-1575	[RX16CAT2] MULTUM DRUG CATEGORY # 2 See RX16CAT1.
645	3	1576-1578	[RX16CAT3] MULTUM DRUG CATEGORY # 3 See RX16CAT1.
646	3	1579-1581	[RX16CAT4] MULTUM DRUG CATEGORY # 4 See RX16CAT1.

DRUG CATEGORY LEVELS

647	3	1582-1584	[RX16V1C1] Level 1 of MULTUM DRUG CATEGORY # 1
648	3	1585-1587	[RX16V1C2] Level 1 of MULTUM DRUG CATEGORY # 2
649	3	1588-1590	[RX16V1C3] Level 1 of MULTUM DRUG CATEGORY # 3
650	3	1591-1593	[RX16V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
651	3	1594-1596	[RX16V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
652	3	1597-1599	[RX16V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
653	3	1600-1602	[RX16V2C3] Level 2 of MULTUM DRUG CATEGORY # 3
654	3	1603-1605	[RX16V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
655	3	1606-1608	[RX16V3C1] Level 3 of MULTUM DRUG CATEGORY # 1
656	3	1609-1611	[RX16V3C2] Level 3 of MULTUM DRUG CATEGORY # 2
657	3	1612-1614	[RX16V3C3] Level 3 of MULTUM DRUG CATEGORY # 3
658	3	1615-1617	[RX16V3C4] Level 3 of MULTUM DRUG CATEGORY # 4

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

DRUG-RELATED INFO FOR MEDICATION #17

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 73) for coding information.

659	6	1618-1623	[DRUGID17] Drug ID
660	1	1624	[PRESCR17] PRESCRIPTION STATUS CODE
661	1	1625	[CONTSUB17] CONTROLLED SUBSTANCE STATUS CODE
662	1	1626	[COMSTAT17] COMPOSITION STATUS CODE
663	3	1627-1629	[RX17CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class)
664	3	1830-1632	[RX17CAT2] MULTUM DRUG CATEGORY # 2 See RX17CAT1.
665	3	1633-1635	[RX17CAT3] MULTUM DRUG CATEGORY # 3 See RX17CAT1.
666	3	1636-1638	[RX17CAT4] MULTUM DRUG CATEGORY # 4 See RX17CAT1.

DRUG CATEGORY LEVELS

667	3	1639-1641	[RX17V1C1] Level 1 of MULTUM DRUG CATEGORY # 1
668	3	1642-1644	[RX17V1C2] Level 1 of MULTUM DRUG CATEGORY # 2
669	3	1645-1647	[RX17V1C3] Level 1 of MULTUM DRUG CATEGORY # 3
670	3	1648-1650	[RX17V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
671	3	1651-1653	[RX17V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
672	3	1654-1656	[RX17V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
673	3	1657-1659	[RX17V2C3] Level 2 of MULTUM DRUG CATEGORY # 3
674	3	1660-1662	[RX17V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
675	3	1663-1665	[RX17V3C1] Level 3 of MULTUM DRUG CATEGORY # 1
676	3	1666-1668	[RX17V3C2] Level 3 of MULTUM DRUG CATEGORY # 2
677	3	1669-1671	[RX17V3C3] Level 3 of MULTUM DRUG CATEGORY # 3
678	3	1672-1674	[RX17V3C4] Level 3 of MULTUM DRUG CATEGORY # 4

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

DRUG-RELATED INFO FOR MEDICATION #18

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 73) for coding information.

679	6	1675-1680	[DRUGID18] Drug ID
680	1	1681	[PRESCR18] PRESCRIPTION STATUS CODE
681	1	1682	[CONTSUB18] CONTROLLED SUBSTANCE STATUS CODE
682	1	1683	[COMSTAT18] COMPOSITION STATUS CODE
683	3	1684-1686	[RX18CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class)
684	3	1687-1689	[RX18CAT2] MULTUM DRUG CATEGORY # 2 See RX18CAT1.
685	3	1690-1692	[RX18CAT3] MULTUM DRUG CATEGORY # 3 See RX18CAT1.
686	3	1693-1695	[RX18CAT4] MULTUM DRUG CATEGORY # 4 See RX18CAT1.

DRUG CATEGORY LEVELS

687	3	1696-1698	[RX18V1C1] Level 1 of MULTUM DRUG CATEGORY # 1
688	3	1699-1701	[RX18V1C2] Level 1 of MULTUM DRUG CATEGORY # 2
689	3	1702-1704	[RX18V1C3] Level 1 of MULTUM DRUG CATEGORY # 3
690	3	1705-1707	[RX18V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
691	3	1708-1710	[RX18V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
692	3	1711-1713	[RX18V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
693	3	1714-1716	[RX18V2C3] Level 2 of MULTUM DRUG CATEGORY # 3
694	3	1717-1719	[RX18V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
695	3	1720-1722	[RX18V3C1] Level 3 of MULTUM DRUG CATEGORY # 1
696	3	1723-1725	[RX18V3C2] Level 3 of MULTUM DRUG CATEGORY # 2
697	3	1726-1728	[RX18V3C3] Level 3 of MULTUM DRUG CATEGORY # 3
698	3	1729-1731	[RX18V3C4] Level 3 of MULTUM DRUG CATEGORY # 4

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

DRUG-RELATED INFO FOR MEDICATION #19

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 73) for coding information.

699	6	1732-1737	[DRUGID19] Drug ID
700	1	1738	[PRESCR19] PRESCRIPTION STATUS CODE
701	1	1739	[CONTSUB19] CONTROLLED SUBSTANCE STATUS CODE
702	1	1740	[COMSTAT19] COMPOSITION STATUS CODE
703	3	1741-1743	[RX19CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class)
704	3	1744-1746	[RX19CAT2] MULTUM DRUG CATEGORY # 2 See RX19CAT1.
705	3	1747-1749	[RX19CAT3] MULTUM DRUG CATEGORY # 3 See RX19CAT1.
706	3	1750-1752	[RX19CAT4] MULTUM DRUG CATEGORY # 4 See RX19CAT1.

DRUG CATEGORY LEVELS

707	3	1753-1755	[RX19V1C1] Level 1 of MULTUM DRUG CATEGORY # 1
708	3	1756-1758	[RX19V1C2] Level 1 of MULTUM DRUG CATEGORY # 2
709	3	1759-1761	[RX19V1C3] Level 1 of MULTUM DRUG CATEGORY # 3
710	3	1762-1764	[RX19V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
711	3	1765-1767	[RX19V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
712	3	1768-1770	[RX19V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
713	3	1771-1773	[RX19V2C3] Level 2 of MULTUM DRUG CATEGORY # 3
714	3	1774-1776	[RX19V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
715	3	1777-1779	[RX19V3C1] Level 3 of MULTUM DRUG CATEGORY # 1
716	3	1780-1782	[RX19V3C2] Level 3 of MULTUM DRUG CATEGORY # 2
717	3	1783-1785	[RX19V3C3] Level 3 of MULTUM DRUG CATEGORY # 3
718	3	1786-1788	[RX19V3C4] Level 3 of MULTUM DRUG CATEGORY # 4

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

DRUG-RELATED INFO FOR MEDICATION #20

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 73) for coding information.

719	6	1789-1794	[DRUGID20] Drug ID
720	1	1795	[PRESCR20] PRESCRIPTION STATUS CODE
721	1	1796	[CONTSUB20] CONTROLLED SUBSTANCE STATUS CODE
722	1	1797	[COMSTAT20] COMPOSITION STATUS CODE
723	3	1798-1800	[RX20CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class)
724	3	1801-1803	[RX20CAT2] MULTUM DRUG CATEGORY # 2 See RX20CAT1.
725	3	1804-1806	[RX20CAT3] MULTUM DRUG CATEGORY # 3 See RX20CAT1.
726	3	1807-1809	[RX20CAT4] MULTUM DRUG CATEGORY # 4 See RX20CAT1.

DRUG CATEGORY LEVELS

727	3	1810-1812	[RX20V1C1] Level 1 of MULTUM DRUG CATEGORY # 1
728	3	1813-1815	[RX20V1C2] Level 1 of MULTUM DRUG CATEGORY # 2
729	3	1816-1818	[RX20V1C3] Level 1 of MULTUM DRUG CATEGORY # 3
730	3	1819-1821	[RX20V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
731	3	1822-1824	[RX20V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
732	3	1825-1827	[RX20V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
733	3	1828-1830	[RX20V2C3] Level 2 of MULTUM DRUG CATEGORY # 3
734	3	1831-1833	[RX20V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
735	3	1834-1836	[RX20V3C1] Level 3 of MULTUM DRUG CATEGORY # 1
736	3	1837-1839	[RX20V3C2] Level 3 of MULTUM DRUG CATEGORY # 2
737	3	1840-1842	[RX20V3C3] Level 3 of MULTUM DRUG CATEGORY # 3
738	3	1843-1845	[RX20V3C4] Level 3 of MULTUM DRUG CATEGORY # 4

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

DRUG-RELATED INFO FOR MEDICATION #21

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 73) for coding information.

739	6	1846-1851	[DRUGID21] Drug ID
740	1	1852	[PRESCR21] PRESCRIPTION STATUS CODE
741	1	1853	[CONTSUB21] CONTROLLED SUBSTANCE STATUS CODE
742	1	1854	[COMSTAT21] COMPOSITION STATUS CODE
743	3	1855-1857	[RX21CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class)
744	3	1858-1860	[RX21CAT2] MULTUM DRUG CATEGORY # 2 See RX21CAT1.
745	3	1861-1863	[RX21CAT3] MULTUM DRUG CATEGORY # 3 See RX21CAT1.
746	3	1864-1866	[RX21CAT4] MULTUM DRUG CATEGORY # 4 See RX21CAT1.

DRUG CATEGORY LEVELS

747	3	1867-1869	[RX21V1C1] Level 1 of MULTUM DRUG CATEGORY # 1
748	3	1870-1872	[RX21V1C2] Level 1 of MULTUM DRUG CATEGORY # 2
749	3	1873-1875	[RX21V1C3] Level 1 of MULTUM DRUG CATEGORY # 3
750	3	1876-1878	[RX21V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
751	3	1879-1881	[RX21V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
752	3	1882-1884	[RX21V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
753	3	1885-1887	[RX21V2C3] Level 2 of MULTUM DRUG CATEGORY # 3
754	3	1888-1890	[RX21V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
755	3	1891-1893	[RX21V3C1] Level 3 of MULTUM DRUG CATEGORY # 1
756	3	1894-1896	[RX21V3C2] Level 3 of MULTUM DRUG CATEGORY # 2
757	3	1897-1899	[RX21V3C3] Level 3 of MULTUM DRUG CATEGORY # 3
758	3	1900-1902	[RX21V3C4] Level 3 of MULTUM DRUG CATEGORY # 4

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

DRUG-RELATED INFO FOR MEDICATION #22

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 73) for coding information.

759	6	1903-1908	[DRUGID22] Drug ID
760	1	1909	[PRESCR22] PRESCRIPTION STATUS CODE
761	1	1910	[CONTSUB22] CONTROLLED SUBSTANCE STATUS CODE
762	1	1911	[COMSTAT22] COMPOSITION STATUS CODE
763	3	1912-1914	[RX22CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class)
764	3	1915-1917	[RX22CAT2] MULTUM DRUG CATEGORY # 2 See RX22CAT1.
765	3	1918-1920	[RX22CAT3] MULTUM DRUG CATEGORY # 3 See RX22CAT1.
766	3	1921-1923	[RX22CAT4] MULTUM DRUG CATEGORY # 4 See RX22CAT1.

DRUG CATEGORY LEVELS

767	3	1924-1926	[RX22V1C1] Level 1 of MULTUM DRUG CATEGORY # 1
768	3	1927-1929	[RX22V1C2] Level 1 of MULTUM DRUG CATEGORY # 2
769	3	1930-1932	[RX22V1C3] Level 1 of MULTUM DRUG CATEGORY # 3
770	3	1933-1935	[RX22V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
771	3	1936-1938	[RX22V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
772	3	1939-1941	[RX22V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
773	3	1942-1944	[RX22V2C3] Level 2 of MULTUM DRUG CATEGORY # 3
774	3	1945-1947	[RX22V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
775	3	1948-1950	[RX22V3C1] Level 3 of MULTUM DRUG CATEGORY # 1
776	3	1951-1953	[RX22V3C2] Level 3 of MULTUM DRUG CATEGORY # 2
777	3	1954-1956	[RX22V3C3] Level 3 of MULTUM DRUG CATEGORY # 3
778	3	1957-1959	[RX22V3C4] Level 3 of MULTUM DRUG CATEGORY # 4

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

DRUG-RELATED INFO FOR MEDICATION #23

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 73) for coding information.

779	6	1960-1965	[DRUGID23] Drug ID
780	1	1966	[PRESCR23] PRESCRIPTION STATUS CODE
781	1	1967	[CONTSUB23] CONTROLLED SUBSTANCE STATUS CODE
782	1	1968	[COMSTAT23] COMPOSITION STATUS CODE
783	3	1969-1971	[RX23CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class)
784	3	1972-1974	[RX23CAT2] MULTUM DRUG CATEGORY # 2 See RX23CAT1.
785	3	1975-1977	[RX23CAT3] MULTUM DRUG CATEGORY # 3 See RX23CAT1.
786	3	1978-1980	[RX23CAT4] MULTUM DRUG CATEGORY # 4 See RX23CAT1.

DRUG CATEGORY LEVELS

787	3	1981-1983	[RX23V1C1] Level 1 of MULTUM DRUG CATEGORY # 1
788	3	1984-1986	[RX23V1C2] Level 1 of MULTUM DRUG CATEGORY # 2
789	3	1987-1989	[RX23V1C3] Level 1 of MULTUM DRUG CATEGORY # 3
790	3	1990-1992	[RX23V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
791	3	1993-1995	[RX23V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
792	3	1996-1998	[RX23V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
793	3	1999-2001	[RX23V2C3] Level 2 of MULTUM DRUG CATEGORY # 3
794	3	2002-2004	[RX23V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
795	3	2005-2007	[RX23V3C1] Level 3 of MULTUM DRUG CATEGORY # 1
796	3	2008-2010	[RX23V3C2] Level 3 of MULTUM DRUG CATEGORY # 2
797	3	2011-2013	[RX23V3C3] Level 3 of MULTUM DRUG CATEGORY # 3
798	3	2014-2016	[RX23V3C4] Level 3 of MULTUM DRUG CATEGORY # 4

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

DRUG-RELATED INFO FOR MEDICATION #24

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 73) for coding information.

799	6	2017-2022	[DRUGID24] Drug ID
800	1	2023	[PRESCR24] PRESCRIPTION STATUS CODE
801	1	2024	[CONTSUB24] CONTROLLED SUBSTANCE STATUS CODE
802	1	2025	[COMSTAT24] COMPOSITION STATUS CODE
803	3	2026-2028	[RX24CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class)
804	3	2029-2031	[RX24CAT2] MULTUM DRUG CATEGORY # 2 See RX24CAT1.
805	3	2032-2034	[RX24CAT3] MULTUM DRUG CATEGORY # 3 See RX24CAT1.
806	3	2035-2037	[RX24CAT4] MULTUM DRUG CATEGORY # 4 See RX24CAT1.

DRUG CATEGORY LEVELS

807	3	2038-2040	[RX24V1C1] Level 1 of MULTUM DRUG CATEGORY # 1
808	3	2041-2043	[RX24V1C2] Level 1 of MULTUM DRUG CATEGORY # 2
809	3	2044-2046	[RX24V1C3] Level 1 of MULTUM DRUG CATEGORY # 3
810	3	2047-2049	[RX24V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
811	3	2050-2052	[RX24V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
812	3	2053-2055	[RX24V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
813	3	2056-2058	[RX24V2C3] Level 2 of MULTUM DRUG CATEGORY # 3
814	3	2059-2061	[RX24V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
815	3	2062-2064	[RX24V3C1] Level 3 of MULTUM DRUG CATEGORY # 1
816	3	2065-2067	[RX24V3C2] Level 3 of MULTUM DRUG CATEGORY # 2
817	3	2068-2070	[RX24V3C3] Level 3 of MULTUM DRUG CATEGORY # 3
818	3	2071-2073	[RX24V3C4] Level 3 of MULTUM DRUG CATEGORY # 4

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

DRUG-RELATED INFO FOR MEDICATION #25

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 73) for coding information.

819	6	2074-2079	[DRUGID25] Drug ID
820	1	2080	[PRESCR25] PRESCRIPTION STATUS CODE
821	1	2081	[CONTSUB25] CONTROLLED SUBSTANCE STATUS CODE
822	1	2082	[COMSTAT25] COMPOSITION STATUS CODE
823	3	2083-2085	[RX25CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class)
824	3	2086-2088	[RX25CAT2] MULTUM DRUG CATEGORY # 2 See RX25CAT1.
825	3	2089-2091	[RX25CAT3] MULTUM DRUG CATEGORY # 3 See RX25CAT1.
826	3	2092-2094	[RX25CAT4] MULTUM DRUG CATEGORY # 4 See RX25CAT1.

DRUG CATEGORY LEVELS

827	3	2095-2097	[RX25V1C1] Level 1 of MULTUM DRUG CATEGORY # 1
828	3	2098-2100	[RX25V1C2] Level 1 of MULTUM DRUG CATEGORY # 2
829	3	2101-2103	[RX25V1C3] Level 1 of MULTUM DRUG CATEGORY # 3
830	3	2104-2106	[RX25V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
831	3	2107-2109	[RX25V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
832	3	2110-2112	[RX25V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
833	3	2113-2115	[RX25V2C3] Level 2 of MULTUM DRUG CATEGORY # 3
834	3	2116-2118	[RX25V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
835	3	2119-2121	[RX25V3C1] Level 3 of MULTUM DRUG CATEGORY # 1
836	3	2122-2124	[RX25V3C2] Level 3 of MULTUM DRUG CATEGORY # 2
837	3	2125-2127	[RX25V3C3] Level 3 of MULTUM DRUG CATEGORY # 3
838	3	2128-2130	[RX25V3C4] Level 3 of MULTUM DRUG CATEGORY # 4

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

DRUG-RELATED INFO FOR MEDICATION #26

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 73) for coding information.

839	6	2131-2136	[DRUGID26] Drug ID
840	1	2137	[PRESCR26] PRESCRIPTION STATUS CODE
841	1	2138	[CONTSUB26] CONTROLLED SUBSTANCE STATUS CODE
842	1	2139	[COMSTAT26] COMPOSITION STATUS CODE
843	3	2140-2142	[RX26CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class)
844	3	2143-2145	[RX26CAT2] MULTUM DRUG CATEGORY # 2 See RX26CAT1.
845	3	2146-2148	[RX26CAT3] MULTUM DRUG CATEGORY # 3 See RX26CAT1.
846	3	2149-2151	[RX26CAT4] MULTUM DRUG CATEGORY # 4 See RX26CAT1.

DRUG CATEGORY LEVELS

847	3	2152-2154	[RX26V1C1] Level 1 of MULTUM DRUG CATEGORY # 1
848	3	2155-2157	[RX26V1C2] Level 1 of MULTUM DRUG CATEGORY # 2
849	3	2158-2160	[RX26V1C3] Level 1 of MULTUM DRUG CATEGORY # 3
850	3	2161-2163	[RX26V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
851	3	2164-2166	[RX26V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
852	3	2167-2169	[RX26V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
853	3	2170-2172	[RX26V2C3] Level 2 of MULTUM DRUG CATEGORY # 3
854	3	2173-2175	[RX26V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
858	3	2176-2178	[RX26V3C1] Level 3 of MULTUM DRUG CATEGORY # 1
856	3	2179-2181	[RX26V3C2] Level 3 of MULTUM DRUG CATEGORY # 2
857	3	2182-2184	[RX26V3C3] Level 3 of MULTUM DRUG CATEGORY # 3
858	3	2185-2187	[RX26V3C4] Level 3 of MULTUM DRUG CATEGORY # 4

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

DRUG-RELATED INFO FOR MEDICATION #27

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 73) for coding information.

859	6	2188-2193	[DRUGID27] Drug ID
860	1	2194	[PRESCR27] PRESCRIPTION STATUS CODE
861	1	2195	[CONTSUB27] CONTROLLED SUBSTANCE STATUS CODE
862	1	2196	[COMSTAT27] COMPOSITION STATUS CODE
863	3	2197-2199	[RX27CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class)
864	3	2200-2202	[RX27CAT2] MULTUM DRUG CATEGORY # 2 See RX27CAT1.
865	3	2203-2205	[RX27CAT3] MULTUM DRUG CATEGORY # 3 See RX27CAT1.
866	3	2206-2208	[RX27CAT4] MULTUM DRUG CATEGORY # 4 See RX27CAT1.

DRUG CATEGORY LEVELS

867	3	2209-2211	[RX27V1C1] Level 1 of MULTUM DRUG CATEGORY # 1
868	3	2212-2214	[RX27V1C2] Level 1 of MULTUM DRUG CATEGORY # 2
869	3	2215-2217	[RX27V1C3] Level 1 of MULTUM DRUG CATEGORY # 3
870	3	2218-2220	[RX27V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
871	3	2221-2223	[RX27V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
872	3	2224-2226	[RX27V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
873	3	2227-2229	[RX27V2C3] Level 2 of MULTUM DRUG CATEGORY # 3
874	3	2230-2232	[RX27V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
875	3	2233-2235	[RX27V3C1] Level 3 of MULTUM DRUG CATEGORY # 1
876	3	2236-2238	[RX27V3C2] Level 3 of MULTUM DRUG CATEGORY # 2
877	3	2239-2241	[RX27V3C3] Level 3 of MULTUM DRUG CATEGORY # 3
878	3	2242-2244	[RX27V3C4] Level 3 of MULTUM DRUG CATEGORY # 4

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

DRUG-RELATED INFO FOR MEDICATION #28

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 73) for coding information.

879	6	2245-2250	[DRUGID28] Drug ID
880	1	2251	[PRESCR28] PRESCRIPTION STATUS CODE
881	1	2252	[CONTSUB28] CONTROLLED SUBSTANCE STATUS CODE
882	1	2253	[COMSTAT28] COMPOSITION STATUS CODE
883	3	2254-2256	[RX28CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class)
884	3	2257-2259	[RX28CAT2] MULTUM DRUG CATEGORY # 2 See RX28CAT1.
885	3	2260-2262	[RX28CAT3] MULTUM DRUG CATEGORY # 3 See RX28CAT1.
886	3	2263-2265	[RX28CAT4] MULTUM DRUG CATEGORY # 4 See RX28CAT1.

DRUG CATEGORY LEVELS

887	3	2266-2268	[RX28V1C1] Level 1 of MULTUM DRUG CATEGORY # 1
888	3	2269-2271	[RX28V1C2] Level 1 of MULTUM DRUG CATEGORY # 2
889	3	2272-2274	[RX28V1C3] Level 1 of MULTUM DRUG CATEGORY # 3
890	3	2275-2277	[RX28V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
891	3	2278-2280	[RX28V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
892	3	2281-2283	[RX28V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
893	3	2284-2286	[RX28V2C3] Level 2 of MULTUM DRUG CATEGORY # 3
894	3	2287-2289	[RX28V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
895	3	2290-2292	[RX28V3C1] Level 3 of MULTUM DRUG CATEGORY # 1
896	3	2293-2295	[RX28V3C2] Level 3 of MULTUM DRUG CATEGORY # 2
897	3	2296-2298	[RX28V3C3] Level 3 of MULTUM DRUG CATEGORY # 3
898	3	2299-2301	[RX28V3C4] Level 3 of MULTUM DRUG CATEGORY # 4

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

DRUG-RELATED INFO FOR MEDICATION #29

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 73) for coding information.

899	6	2302-2307	[DRUGID29] Drug ID
900	1	2308	[PRESCR29] PRESCRIPTION STATUS CODE
901	1	2309	[CONTSUB29] CONTROLLED SUBSTANCE STATUS CODE
902	1	2310	[COMSTAT29] COMPOSITION STATUS CODE
903	3	2311-2313	[RX29CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class)
904	3	2314-2316	[RX29CAT2] MULTUM DRUG CATEGORY # 2 See RX29CAT1.
905	3	2317-2319	[RX29CAT3] MULTUM DRUG CATEGORY # 3 See RX29CAT1.
906	3	2320-2322	[RX29CAT4] MULTUM DRUG CATEGORY # 4 See RX29CAT1.

DRUG CATEGORY LEVELS

907	3	2323-2325	[RX29V1C1] Level 1 of MULTUM DRUG CATEGORY # 1
908	3	2326-2328	[RX29V1C2] Level 1 of MULTUM DRUG CATEGORY # 2
909	3	2329-2331	[RX29V1C3] Level 1 of MULTUM DRUG CATEGORY # 3
910	3	2332-2334	[RX29V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
911	3	2335-2337	[RX29V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
912	3	2338-2340	[RX29V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
913	3	2341-2343	[RX29V2C3] Level 2 of MULTUM DRUG CATEGORY # 3
914	3	2344-2346	[RX29V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
915	3	2347-2349	[RX29V3C1] Level 3 of MULTUM DRUG CATEGORY # 1
916	3	2350-2352	[RX29V3C2] Level 3 of MULTUM DRUG CATEGORY # 2
917	3	2353-2355	[RX29V3C3] Level 3 of MULTUM DRUG CATEGORY # 3
918	3	2356-2358	[RX29V3C4] Level 3 of MULTUM DRUG CATEGORY # 4

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

DRUG-RELATED INFO FOR MEDICATION #30

Please see "DRUG-RELATED INFO FOR MEDICATION #1" (page 73) for coding information.

919	6	2359-2364	[DRUGID30] Drug ID
920	1	2365	[PRESCR30] PRESCRIPTION STATUS CODE
921	1	2366	[CONTSUB30] CONTROLLED SUBSTANCE STATUS CODE
922	1	2367	[COMSTAT30] COMPOSITION STATUS CODE
923	3	2368-2370	[RX30CAT1] MULTUM DRUG CATEGORY # 1 (therapeutic class)
924	3	2371-2373	[RX30CAT2] MULTUM DRUG CATEGORY # 2 See RX30CAT1.
925	3	2374-2376	[RX30CAT3] MULTUM DRUG CATEGORY # 3 See RX30CAT1.
926	3	2377-2379	[RX30CAT4] MULTUM DRUG CATEGORY # 4 See RX30CAT1.

DRUG CATEGORY LEVELS

927	3	2380-2382	[RX30V1C1] Level 1 of MULTUM DRUG CATEGORY # 1
928	3	2383-2385	[RX30V1C2] Level 1 of MULTUM DRUG CATEGORY # 2
929	3	2386-2388	[RX30V1C3] Level 1 of MULTUM DRUG CATEGORY # 3
930	3	2389-2391	[RX30V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
931	3	2392-2394	[RX30V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
932	3	2395-2397	[RX30V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
933	3	2398-2400	[RX30V2C3] Level 2 of MULTUM DRUG CATEGORY # 3
934	3	2401-2403	[RX30V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
935	3	2404-2406	[RX30V3C1] Level 3 of MULTUM DRUG CATEGORY # 1
936	3	2407-2409	[RX30V3C2] Level 3 of MULTUM DRUG CATEGORY # 2
937	3	2410-2412	[RX30V3C3] Level 3 of MULTUM DRUG CATEGORY # 3
938	3	2413-2415	[RX30V3C4] Level 3 of MULTUM DRUG CATEGORY # 4

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

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

939	1	2416	[SETTYPE] SETTING TYPE This item is intended for use when combining data from the 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)
-----	---	------	---

940	4	2417-2420	[YEAR] SURVEY YEAR (2016)
-----	---	-----------	---------------------------

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>.

941	8	2421-2428	[CSTRATM] CLUSTERED PSU STRATUM MARKER (masked) 20116201-40400000
-----	---	-----------	--

942	6	2429-2434	[CPSUM] CLUSTERED PSU MARKER (masked) 1-100228
-----	---	-----------	---

***** WEIGHTING VARIABLES *****

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

943	11	2435-2445	[PATWT] PATIENT VISIT WEIGHT (See page 29 in Section I.) PATWT enables data users to make national and regional estimate with sample data. 178.29505-52250.25734
-----	----	-----------	--

944	9	2446-2454	[EDWT] EMERGENCY DEPARTMENT WEIGHT EDWT enables data users to make emergency-department-level estimates. Please see page 30 for more information. 1.40925-102.57653
-----	---	-----------	---

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

CATEGORY	RECORDS	WEIGHTED VISITS	PERCENT
Age recode			
Total	19,467	145,591,209	100.000
1 - Under 15 years	3,565	27,435,668	18.844
2 - 15-24 years	2,767	20,674,299	14.200
3 - 25-44 years	5,459	40,013,993	27.484
4 - 45-64 years	4,635	34,359,290	23.600
5 - 65-74 years	1,444	10,984,887	7.545
6 - 75 years and over	1,597	12,123,071	8.327
Patient sex			
Total	19,467	145,591,209	100.000
1 - Female	10,575	79,594,987	54.670
2 - Male	8,892	65,996,222	45.330
Imputed ethnicity			
Total	19,467	145,591,209	100.000
1 - Hispanic or Latino	2,879	22,422,154	15.401
2 - Not Hispanic or Latino	16,588	123,169,055	84.599
Unimputed race			
Total	19,467	145,591,209	100.000
-9 - Blank	3,143	24,689,861	16.958
1 - White Only	11,769	89,695,470	61.608
2 - Black/African American Only	3,814	27,232,656	18.705
3 - Asian Only	419	2,065,249	1.419
4 - Native Hawaiian/Oth Pac Isl Only	79	352,624	0.242
5 - American Indian/Alaska Native Only	169	1,133,316	0.778
6 - More than one race reported	74	422,033	0.290

CATEGORY	RECORDS	WEIGHTED VISITS	PERCENT
Recoded expected primary source of payment for visit (based on hierarchy)			
Total	19,467	145,591,209	100.000
-9 - All sources of payment are blank	164	1,202,607	0.826
-8 - Unknown	1,388	15,381,358	10.565
1 - Private insurance	5,171	36,575,935	25.122
2 - Medicare	3,580	25,915,772	17.800
3 - Medicaid or CHIP or other state-based program	6,976	49,425,546	33.948
4 - Workers' compensation	141	1,135,400	0.780
5 - Self-pay	1,527	11,652,752	8.004
6 - No charge/Charity	97	822,022	0.565
7 - Other	423	3,479,818	2.390

Immediacy with which patient should be seen (unimputed)

Total	19,467	145,591,209	100.000
-9 - Blank	575	4,040,304	2.775
-8 - Unknown	3,518	30,176,217	20.727
0 - No triage for this visit but ESA does conduct nursing triage	426	3,743,875	2.571
1 - Immediate	104	808,851	0.556
2 - Emergent	1,530	11,857,130	8.144
3 - Urgent	6,526	47,240,405	32.447
4 - Semi-urgent	4,795	35,687,225	24.512
5 - Nonurgent	859	6,272,956	4.309
7 - Visit occurred in ESA that does not conduct nursing triage	1,134	5,764,246	3.959

CATEGORY	RECORDS	WEIGHTED VISITS	PERCENT
Number of medication codes for this visit			
Total	19,467	145,591,209	100.000
0	3,854	28,523,076	19.591
1	4,354	32,025,279	21.997
2	3,838	29,320,027	20.139
3	2,690	20,316,598	13.955
4	1,764	14,008,584	9.622
5	1,050	7,804,200	5.360
6	675	5,087,134	3.494
7	403	2,941,304	2.020
8	240	1,803,474	1.239
9	154	1,124,086	0.772
10	81	529,132	0.363
11	78	510,657	0.351
12	51	325,196	0.223
13	37	207,889	0.143
14	31	140,189	0.096
15	35	225,302	0.155
16	19	113,832	0.078
17	23	140,339	0.096
18	17	104,374	0.072
19	9	24,444	0.017
20	10	56,051	0.038
21	10	70,943	0.049
22	11	57,587	0.040
23	8	39,448	0.027
24	5	16,425	0.011
25	8	21,628	0.015
26	3	12,605	0.009
27	3	15,851	0.011
28	3	7,611	0.005
29	2	9,648	0.007
30	1	8,296	0.006

B. EMERGENCY DEPARTMENT DRUG MENTIONS

CATEGORY	RECORDS	WEIGHTED MENTIONS	PERCENT
Age recode			
Total	48,962	358,950,285	100.000
1 - Under 15 years	5,624	43,583,551	12.142
2 - 15-24 years	5,908	44,070,630	12.278
3 - 25-44 years	13,918	101,161,918	28.183
4 - 45-64 years	14,145	102,562,411	28.573
5 - 65-74 years	4,695	34,216,131	9.532
6 - 75 years and over	4,672	33,355,644	9.293
Patient sex			
Total	48,962	358,950,285	100.000
1 - Female	27,195	200,734,432	55.923
2 - Male	21,767	158,215,853	44.077
Unimputed race			
Total	48,962	358,950,285	100.000
-9 - Blank	7,418	56,586,492	15.764
1 - White Only	30,121	225,974,381	62.954
2 - Black/African American Only	9,695	67,485,345	18.801
3 - Asian Only	968	4,896,787	1.364
4 - Native Hawaiian/Oth Pac Isl Only	234	930,454	0.259
5 - American Indian/Alaska Native Only	370	2,319,593	0.646
6 - More than one race reported	156	757,233	0.211

CATEGORY	RECORDS	WEIGHTED MENTIONS	PERCENT
Drug therapeutic categories (using Multum Level 1 codes)			
Total	56,756	417,634,995	100.000
'001'=Anti-infectives	5,959	44,499,832	10.655
'020'=Antineoplastics	36	268,551	0.064
'028'=Biologicals	8	55,041	0.013
'040'=Cardiovascular agents	3,158	23,180,915	5.551
'057'=Central nervous system agents	21,376	160,331,610	38.390
'081'=Coagulation modifiers	1,194	8,486,307	2.032
'087'=Gastrointestinal agents	3,108	22,926,217	5.490
'097'=Hormones/hormone modifiers	1,803	13,905,231	3.330
'105'=Miscellaneous agents	1,362	10,049,374	2.406
'113'=Genitourinary tract agents	165	1,100,699	0.264
'115'=Nutritional products	5,421	38,420,786	9.200
'122'=Respiratory agents	7,867	57,879,443	13.859
'133'=Topical agents	1,824	12,775,987	3.059
'153'=Plasma expanders	13	119,080	0.029
'218'=Alternative medicines	109	665,246	0.159
'242'=Psychotherapeutic agents	957	5,992,614	1.435
'254'=Immunological agents	613	4,313,172	1.033
'331'=Radiologic agents	551	4,220,927	1.011
'358'=Metabolic agents	897	5,965,857	1.428
'365'=Medical gases	309	2,301,121	0.551
'899'=Pharmaceutical aids	26	176,985	0.042

Therapeutic categories are based on Lexicon Plus®, a proprietary database of Cerner Multum, Inc. The Lexicon Plus is a comprehensive database of all prescription and some nonprescription drug products available in the U.S. drug market. For additional information on the Multum Lexicon Drug Database, please refer to the following Web site: <http://www.multum.com/lexicon.html>. For more information on coding therapeutic categories in NHAMCS, see page 25.

C. EMERGENCY DEPARTMENTS

CATEGORY	RECORDS	WEIGHTED EMERGENCY DEPARTMENTS	PERCENT
Region			
Total	232	4,948	100.000
Northeast	39	656	13.265
Midwest	55	1,509	30.496
South	85	1,883	38.057
West	53	900	18.183
Metropolitan Statistical Area (MSA)			
Total	232	4,948	100.000
MSA	201	3,375	68.210
Non-MSA	31	1,573	31.790

APPENDIX I

A. STANDARD ERRORS AND VARIANCE ESTIMATION

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

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

Using computer software like SUDAAN to produce standard errors will, in general, yield results that are more accurate than those produced using generalized variance curves. This is especially true for clustered variables like race, provider seen, or expected source of payment. However, standard errors produced with such software using masked design variables, while improving substantially over generalized variance curve results, will not always be as accurate as those produced using unmasked data. Data files containing unmasked variables are confidential and are only available through the NCHS Research Data Center. While the initial release of masked design variables (starting with the 2000 data year, and continuing with re-released files for 1993-99) included the multi-stage variables necessary for running SUDAAN's full sample without-replacement design option, the 2002 release added two new variables (CSTRATM and CPSUM) needed for running programs that use an ultimate cluster model. Ultimate cluster variance estimates depend only on the first stage of the sample design, so that only first-stage cluster and first-stage stratum identification are required. The earlier version of the masked design variables could not be used with such software without substantial recoding. For 2003 forward, the decision was made to include only those two new variables on the files. The new variables, CSTRATM and CPSUM, differ from the earlier design variables STRATM and PSUM, in that providers are the first-stage sampling units in certainty areas (geographic areas selected with certainty), while geographic areas are the first-stage sampling units in non-certainty areas. Therefore, one should not use the new and old versions (CSTRATM and STRATM or CPSUM and PSUM) together (as for example, when combining years of data). Researchers who wish to combine data from 2003 forward with prior files which do not contain CSTRATM and CPSUM should refer to the technical paper, *Using Ultimate Cluster Models with NAMCS and NHAMCS Public Use Files*, at http://www.cdc.gov/nchs/ahcd/ahcd_questionnaires.htm.

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

It should be noted that in previous years, public use file 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 are not being released at this time, research was conducted to determine if special steps should be taken to preserve all sampling clusters when computing variances with ED records alone.

It was found that SUDAAN's with-replacement (WR) option (using an ultimate cluster design) with ED data alone yielded standard errors that may underestimate those produced with internal data using SUDAAN's without-replacement (WOR) option. For most standard error estimates, the differences were small, but the possible understatement in variances for other estimates means a higher likelihood of a Type I error (finding a significant difference in the data that may not actually exist).

In order to decrease the possibility of a Type I error when analyzing the NHAMCS ED public use files, we recommend that 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 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 2016 NHAMCS ED file, so this should not present a problem.

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

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

B. INSTRUCTIONS FOR COMPLETING PATIENT RECORD FORMS (PRFs)

I. EMERGENCY DEPARTMENT PATIENT RECORD FORM

NOTE: 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 is shown below is a compilation of the various help screen texts taken from the automated instrument.

PATIENT INFORMATION

<u>Date and Time</u>	<u>Definition</u>
	<p>Enter the first documented date and time the patient arrived in the ED. This is the first recorded contact in the ED record and not necessarily registration time, triage time, or pre-arrival notification.</p> <p>For the date of arrival, enter the month, day, and four digit year.</p> <p>Enter the time of arrival. Pay attention to the a.m., p.m., and Military time indicators.</p> <p>Cross-check all of the times to make sure that they are in chronological order. For example, the time of arrival should be before the provider contact time.</p>

Date and Time	Definitions
Date and time of first provider (physician/APRN/PA) contact	<p>Enter the documented date and time of the first contact with a physician/APRN (Advanced Practice Registered Nurse - includes nurse practitioners and clinical nurse specialists)/PA in the ED. Any physician/APRN/PA who contacts the patient is eligible. It is not determined by the hospital's definition of which providers are credentialed to perform a medical screening examination.</p> <p>For the date of the provider contact, enter the month, day, and last digit of the year. Enter the time of the provider contact. Pay attention to the a.m., p.m., and Military time indicators.</p> <p>Cross-check all of the times to make sure that they are in chronological order. For example, the time seen by the provider should be after the arrival time.</p>

Date and time	Definition
Date and time of ED departure	<p>Enter the documented date and time of the patient's PHYSICAL departure from the ED. This date and time applies to ALL patients, regardless of whether or not they were released, transferred, or admitted. It includes the time period after the disposition time (i.e., time of the order for transfer, observation, admission, or time of death) during which a patient awaits family or transportation.</p> <p>This date and time may not be consistently available in the chart; therefore, if it is not clearly stated, then enter the last date and time recorded in the ED chart for this visit.</p> <p>Pay attention to the a.m., p.m., and Military time indicators. Cross-check all of the times to make sure that they are in chronological order. For example, the time the patient departed the ED should be after the first contact with a provider.</p>

PATIENT RESIDENCE

Type of residence	Definitions
1-Private residence	The patient's current place of residence is a private home (such as an apartment, single-family home, townhouse, etc.). This includes the patient staying at the private home of a friend or relative. A P.O. box should be considered a private residence, unless there is information to the contrary. If there is no indication on the medical record that the patient came from a nursing home, an institution, was homeless, or had a residence other than private, then select 1-Private residence.
2-Nursing home	The patient's current place of residence is a nursing home.
3-Homeless/Homeless shelter	The patient has no home (e.g., lives on the street) or the patient's current place of residence is a homeless shelter.
4-Other	The patient's current place of residence is a non-institutional setting (such as a hotel/motel, college dormitory, boarding school, assisted-living center) or an institution other than a nursing home (such as a prison/jail, mental hospital, supportive housing or group home for the mentally or physically disabled, etc.).
5-Unknown	If the patient's current residence cannot be determined, enter "Unknown."

ETHNICITY

Ethnicity refers to a person's national or cultural group.

There are two categories for ethnicity, "Hispanic or Latino" and "Not Hispanic or Latino".

Enter the appropriate category according to the information in the medical record.

If the patient's ethnicity is not known and is not obvious, enter the category which in your judgment is most appropriate. The definitions of the categories are listed below.

Do not determine the patient's ethnicity from his/her last name.

Ethnicity	Definition
1 - Hispanic or Latino	A person of Cuban, Mexican, Puerto Rican, South or Central American or other Spanish culture or origin regardless of race.
2- Not Hispanic or Latino	All other persons.

RACE

Enter all appropriate categories based on the information in medical record.

If the patient's race is not known or not obvious, enter the categories which in your judgment is (are) most appropriate. Do not determine the patient's race from their last name.

<u>Race</u>	<u>Definition</u>
1-White	A person having origins in any of the original peoples of Europe, the Middle East, or North Africa.
2-Black or African American	A person having origins in any of the black racial groups of Africa.
3-Asian	A person having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian subcontinent including, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam.
4-Native Hawaiian or Other Pacific Islander	A person having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands.
5-American Indian or Alaska Native	A person having origins in any of the original peoples of North America, and who maintains cultural identification through tribal affiliation or community recognition.

ARRIVAL BY AMBULANCE

<u>Ambulance</u>	<u>Definition</u>
1. Yes	The patient arrived in an ambulance, either air or ground. This includes private and public ambulances that can provide either Advanced Life Support or Basic Life Support.
2. No	The patient did not arrive by ambulance.
3. Unknown	The mode of arrival is unknown.

WAS THE PATIENT TRANSFERRED FROM ANOTHER HOSPITAL OR URGENT CARE FACILITY?

	Definition
1-Yes	The patient was seen at another hospital or urgent care facility and after being evaluated was transferred to this hospital by ambulance. An urgent care facility delivers ambulatory health care outside of a hospital ED on a walk-in basis without a scheduled appointment. Also include freestanding EDs which operate outside of a hospital and typically have 24/7 operating hours and provide a higher level of care than urgent care facilities.
2-No	The patient arrived at this hospital by ambulance, but was not transferred from another hospital or urgent care facility or freestanding ED.
3-Unknown	The patient arrived at this hospital by ambulance, but it is not known if he/she was transferred from another hospital or urgent care facility or freestanding ED.

EXPECTED SOURCE(S) OF PAYMENT FOR THIS VISIT

Type of payment	Definitions
1-Private insurance	Charges paid in-full by a private insurer (e.g., Blue Cross/Blue Shield) or in-part (e.g., deductibles or copays from another plan) either directly to the (<i>hospital/provider</i>) or reimbursed to the patient. Include charges covered under a private insurance sponsored prepaid plan. Excludes Medicare Advantage Plans.
2-Medicare	Charges paid in-full by a Medicare plan or in-part (e.g., deductibles or copays from another plan) either directly to the (<i>hospital/provider</i>) or reimbursed to the patient. Include charges covered under a Medicare sponsored prepaid plan. Includes Medicare Advantage Plan which is a type of Medicare health plan offered by a private company that contracts with Medicare to provide all Part A and Part B benefits. Medicare Advantage Plans include Health Maintenance Organizations, Preferred Provider Organizations, Private Fee-for-Service Plans, Special Needs Plans, and Medicare Medical Savings Account Plans.
3-Medicaid or CHIP or other state-based program	Charges paid in-full by a Medicaid plan or in-part (e.g., deductibles or copays from another plan) either directly to the (<i>hospital/provider</i>) or reimbursed to the patient. Include charges covered under a Medicaid sponsored prepaid plan (HMO), "managed Medicaid" or the Children's Health Insurance Program (CHIP). PROGRAM NAMES FOR MEDICAID, CHIP, STATE-/LOCAL-SPONSORED, AND OTHER HEALTH INSURANCE PROGRAMS Please find the state where the facility is located in the FR Manual. Note: Medicaid programs are often called "Medicaid," "Medical Assistance Program," or "Title 19." Children's Health Insurance Programs are often called "CHIP," "SCHIP," or "Title XXI

	Program." Many states have unique names for their health insurance programs. Those program names are listed by state.
4-Workers' compensation	Includes programs designed to enable employees injured on the job to receive financial compensation regardless of fault.
5-Self-pay	Charges, to be paid by the patient or patient's family which will not be reimbursed by a third party. "Self-pay" includes visits for which the patient is expected to be ultimately responsible for most of the bill, even though the patient never actually pays it. DO NOT enter "Self-pay" for a copayment or deductible.
6-No charge/Charity	Visits for which no fee is charged (e.g., charity, special research, or teaching). Do not include visits paid for as part of a total package (e.g., prepaid plan visits, post-operative visits included in a surgical fee, and pregnancy visits included in a flat fee charged for the entire pregnancy). Enter the payment category or categories that indicate how the services were originally paid.
7-Other	Other sources of payment not covered by the above categories, such as TRICARE, state and local governments, private charitable organizations, and other liability insurance (e.g., automobile collision policy coverage).
8-Unknown	The expected source of payment is unknown.

TRIAGE LEVEL

Enter the triage level assigned by a triage nurse upon ED arrival.

Most ED patients will be assigned a number from 1-5 with the lowest number indicating the most urgent cases. The triage level may be expressed as a Roman numeral.

Enter "No triage" if the emergency service area does not perform triage or the patient arrived DOA.

Enter "Unknown" if the triage level is unknown.

WAS PATIENT SEEN IN THIS ED WITHIN THE LAST 72 HOURS?

Indicate whether the patient was seen in this ED within the 72 hours prior to the current visit, regardless of whether or not the patient was released, transferred, or admitted at the previous visit.

If it cannot be determined whether the patient was seen in this ED during this time period, enter "Unknown."

REASON FOR VISIT

List the first 5 reasons for visit (i.e., complaint(s), symptom(s), problem(s), concern(s) of the patient) in the order in which they appear. Start with the Chief Complaint which should be

entered in (1). Move on to the Patient History section of the chart and enter up to four additional reasons for the visit in (2), (3), (4) and (5). It is not necessary to record more than five . Enter 0 for None/No more.

By “most important” we mean the problem or symptom which in the physician’s judgment was most responsible for the patient making this visit .

This is one of the most important items on the Patient Record form. No similar data on ambulatory visits are available in any other survey and there is great interest in the findings. Please be mindful of the following points:

- In this item, NCHS is interested in how the patient defines the reason for the visit (e.g., "cramps after eating," or "fell and twisted my ankle") or the Chief Complaint. However, when taking the Patient History, the provider may probe and elicit other complaints or reasons for the visit. These should be entered in lines (2)-(5).
- Conceivably, the patient may be undergoing a course of treatment for a serious illness, but if his/her most important reason for this visit is a sore throat or a cut finger, then that is the reason that should be entered.
- There will be visits by patients for reasons other than some complaint or symptom. Examples might be well baby check-up or routine prenatal care. In such cases, simply record the reason for the visit.

Reminder: If the reason for a patient's visit is to pay a bill, have an insurance form completed, or drop off a specimen, then this patient’s visit is not eligible for the sample and a Patient Record form should not be completed.

Coding the Reason

In this item, you will attempt to code the reason(s) for visit documented from an alphabetized look up list of reasons.

To pull up the look up list, type a key in the item. The look up list will appear. Select the reason that most closely matches the reason documented in the chart. Once you select the reason, click on *Select* or hit enter.

The look up list is designed so that most procedures can be coded. You DO NOT have to have a verbatim match, just a close match. It is permissible to choose a code with:

- A different order of terms – if the medical record states “cramps, abdominal“, it is okay to choose “abdominal cramps”
 - *An exception: “my leg hurts” and “I hurt my leg” are not equivalent. “My leg hurts” should be coded to pain in leg. “I hurt my leg” should be coded to leg injury. This exception applies to all body sites and body systems.*
- Equivalent terms – if the medical record states “child maltreatment”, it is okay to choose “abused”
- Singular or plural terms – if the medical record states “abrasion of the ear”, it is okay to choose “abrasions of the ear”

- Modifiers – Modifiers such as acute, bilateral or severe do not affect code assignment.
 - *For example: earache and bilateral earache are equivalent.*

In cases where you are unable to make a close match, choose “not found” from the list.

EPISODE OF CARE

The “Episode of care” attempts to measure the nature of the care provided at the visit, an initial visit versus a follow-up visit. An episode of care begins with the initial visit for care for a particular problem and ends when the patient is no longer continuing treatment. A problem may recur later, but that is considered a new episode of care. An initial visit may be diagnostic in nature whereas a follow-up visit may be to check progress or continue therapy.

Episode of care	Definition
1. Initial visit to this ED for problem	This is the FIRST VISIT to this ED by this patient for care of this particular problem or complaint.
2. Follow-up visit to this ED for problem	Care was previously provided for this problem in this ED. This is the second or subsequent visit to this ED for this problem or complaint.
3. Unknown	Cannot determine if this is the first or follow-up visit for this problem.

Visits for follow-up care for injuries such as removal of casts would be reported under “Follow-up.” An initial visit for a new episode of a chronic problem flare-up would be listed under “Initial visit” whereas a follow-up visit for a chronic problem flare-up would be listed under “Follow-up visit.”

INJURY

IS THIS VISIT RELATED TO AN INJURY/TRAUMA, OVERDOSE/POISONING, OR ADVERSE EFFECT OF MEDICAL/SURGICAL TREATMENT? (continued on next page)

Response	Description
1. Yes, injury/trauma	<p>Select this if the visit involves an injury/trauma, i.e., physical damage to the body typically from the application of an external force.</p> <p>Types of physical injuries include: Bruises, cuts, lacerations, open wounds, amputations, sprains, strains, fractures (broken bones), dislocations, damage to internal organs, traumatic brain injury (TBI), concussion, damage to nerves or spinal cord, burns, hypothermia, near drowning, suffocation, foreign bodies, insect/animal bites, etc.</p> <p>Types of events that can result in injury include: motor vehicle crashes, transportation events, falls, striking against or being struck by a person or object as in sports, burns, drowning, suffocation, cuts and stabbings, overexertion, foreign bodies, being crushed by machinery, beaten with fists or objects, gunshot/pellet gun wounds, etc.</p> <p><u>Includes</u> Visits involving:</p> <ul style="list-style-type: none"> • New injuries. • Follow-up for previously treated injuries. • Flare-ups of problems due to old injuries. <p><u>Excludes</u> Visits involving:</p> <ul style="list-style-type: none"> • Injuries caused by medical/surgical treatment or ingestion of a harmful substance. • Bodily harm from other external causes, such as infectious diseases, and internal causes, such as chronic diseases. • Psychological trauma, such as Post Traumatic Stress Disorder • Suicidal ideation with no physical injury • Complaint of pain without evidence of physical injury or an injury mechanism

2. Yes, overdose/ poisoning	<p>Select this if the visit involves a poisoning, i.e., ingestion, inhalation, absorption through the skin or mucous membranes, or injection of a substance resulting in a harmful effect. Poisoning can result from both overdose from medications/drugs as well as exposure to toxic substances.</p> <p><u>Includes</u> Visits involving ingestion/exposure to:</p> <ul style="list-style-type: none">• Overdose or misuse of prescription drugs, over-the-counter medications, vitamins, and illicit/street drugs• Household cleaners, bleach, soaps, detergents, solvents• Pesticides• Carbon monoxide• Alcohol containing products (ethanol, ethyl alcohol, methanol) except situations described in the “excludes” category• Nonpharmaceutical inhalants• Alcohol-based topical agent used for medicinal purposes.• Poisonous mushrooms, berries <p><u>Excludes</u> Visits involving:</p> <ul style="list-style-type: none">• Harmful effects from bacterial illnesses (such as “food poisoning”)• Drunkenness• Alcohol withdrawal• Drug withdrawal• Drug dependency• Medical conditions such as liver failure, pancreatitis, or renal failure resulting from past drug or alcohol abuse• Referrals for detox or medical clearance• Allergic reaction to a drug• Dermatitis from contact with poison ivy, poison oak, etc.
--------------------------------	---

<p>3. Yes, adverse effect of medical/surgical treatment or adverse effect of medicinal drug</p>	<p>Select this if the visit involves an adverse effect of medical treatment, i.e., a reaction to the patient's own prescription or over-the-counter medication or dietary supplement taken according to directions, the label, or as prescribed. Unintended and undesired effects include: adverse drug reactions, allergic drug reactions, side effects, drug-drug interactions, drug-alcohol interactions.</p> <p>Also select this if visit involves an adverse effect of surgical treatment, i.e., bodily harm directly caused by surgical care or the placement of a medical product/device in a patient. Examples include pneumothorax from central venous catheter placement, postoperative wound infection, a foreign object left in the body after a procedure, etc.</p> <p><u>Includes</u></p> <ul style="list-style-type: none"> • An adverse effect that occurred after use of one's own prescribed or over-the-counter medication/ supplement taken as prescribed or directed. • Surgical care provided in error or according to standards of practice, but resulting in bodily harm to the patient. • Presenting complaints/diagnoses may include keywords such as: "adverse," "allergic," "side effects," "caused by or induced by," "reaction to" or "secondary to." <p><u>Excludes</u> Visits involving:</p> <ul style="list-style-type: none"> • Illegal drugs. • Patients EXCEEDING the prescribed or recommended dose of prescription drugs, OTC medications, or dietary supplements. • Patients who took LESS than the prescribed or recommended dose. • Patients who took prescribed medication belonging to someone else. • Patients with an allergic reaction to a food or insect bite.
<p>4. No</p>	<p>Select this if visit is not related to an injury/trauma, overdose/poisoning, or adverse effect of medical/surgical treatment.</p>
<p>5. Unknown</p>	<p>Select if it is unclear from the documentation whether or not this visit is related to an injury/trauma, overdose/poisoning, or adverse effect of medical/surgical treatment or adverse effect of medicinal drug.</p>

DID THE INJURY/TRAUMA, OVERDOSE/POISONING, OR ADVERSE EFFECT OCCUR WITHIN 72 HOURS PRIOR TO THE DATE AND TIME OF THIS VISIT?

Injury within 72 hours

Definitions

1-Yes	<p>Select this response if the injury/trauma or overdose/poisoning occurred within 72 hours prior to this visit. Use either of these methods to verify timing:</p> <ul style="list-style-type: none"> • If the date/time of the injury/trauma or overdose/poisoning is documented in the medical record, then use that information to calculate if the event occurred within 72 hours. • If the date/time of the injury/trauma or overdose/poisoning is not specifically provided, look for other text that might describe if the even occurred within 72 hours (e.g., "this morning," "last night", "two days ago").
2-No	<p>Select this response if the injury/trauma or overdose/poisoning occurred more than 72 hours prior to this visit. Use any of the following methods to verify timing:</p> <ul style="list-style-type: none"> • If the date/time of the injury/trauma or overdose/poisoning is documented in the medical record, then use that information to calculate if the event occurred more than 72 hours ago. • If the date/time of the injury/trauma or overdose/poisoning is not specifically provided, look for other text that might describe if the event occurred more than 72 hours ago (e.g., "two weeks ago," "since childhood", "a long time ago"). • If it's clear that the visit is for flare-up or problems due to an old injury, select "No". • If the date and time of the injury/trauma or overdose/poisoning is not provided and it is documented in the medical record that this is a follow-up visit (e.g., for suture removal, for removal of a cast, for follow-up), then select "No".
3-Unknown	<p>Select this response if there is no date/time or text that indicates when the injury/trauma or overdose/poisoning might have occurred.</p>

IS THIS INJURY/TRAUMA OR OVERDOSE/POISONING INTENTIONAL OR UNINTENTIONAL?

Intentional/Unintentional	Definition
1-Intentional	The injury/trauma or overdose/poisoning resulted from an act carried out on purpose by one or more persons with the intent of causing harm, injury, or death to another person. This category includes harm to both intended as well as unintended victims of violent acts (e.g., innocent bystanders). This category excludes unintentional shooting victims (other than those occurring during an act of violence), unintentional drug overdoses, and children or teenagers "horsing" around.
2-Unintentional (e.g., accidental)	The injury/trauma or overdose/poisoning was not purposely inflicted with the intent to harm. This category includes those injuries/traumas and overdoses/poisonings described as unintended or "accidental", regardless of whether the injury was inflicted by oneself or by another person. Because the medical record rarely uses the specific words "accidental" or "unintentional", this box should be the default choice for injury/trauma or overdose/poisoning visits when there is no specific information about intent to harm documented in the medical record.
3-Intent unclear	The medical record clearly states that there is difficulty in determining whether the event was intentional or accidental. Examples include drug poisoning events where it is unclear whether the overdose was accidental or a suicide attempt, or injuries to children or adults where it is unclear whether the injury was accidental or due to child abuse or domestic violence or elder abuse. Select this response only if there are statements in the medical record that question whether the event was intentional or accidental.

CAUSE OF INJURY/TRAUMA, OVERDOSE/POISONING, OR ADVERSE EFFECT OF MEDICAL/SURGICAL TREATMENT

Provide a brief description of **who**, **what**, **when**, **where**, and **why** associated with the injury/trauma, overdose/poisoning, or adverse effect of medical/surgical treatment including adverse effects of a medicinal drug (e.g., allergy to penicillin).

For reasons of confidentiality, do not include proper names or dates in the description.

Indicate the place of the injury/trauma, overdose/poisoning, or adverse effect of medical/surgical treatment (e.g., residence, recreation or sports area, street or highway, school, hospital, public building, or industrial place). Include any post-surgical complications and if it involved an implant,

specify what kind. If safety precautions were taken, describe them (e.g., seat belt use).

Be sure to include the mechanism that caused the injury/trauma, overdose/poisoning, or adverse effect of medical/surgical treatment (e.g., farm equipment, fire, arsenic, knife, pellet gun). If it was a work-related injury or poisoning, specify the industry of the patient's employment (e.g., food service, agricultural, mining, health services, etc.).

Describe in detail the circumstances that caused the injury/trauma, overdose/poisoning, or adverse effect of medical/surgical treatment (e.g., fell off monkey bars, motor vehicle collision with another car, spouse beaten with fists by spouse). Include information on the role of the patient associated with the injury (e.g., bicyclist, pedestrian, unrestrained driver or passenger in a motor vehicle, horseback rider), the specific place of occurrence (e.g., lake, school football field), and the activity in which the patient was engaged at the time of the injury (e.g., swimming, boating, playing football).

Also include what happened to the patient and identify the mechanism that was immediately responsible for the injury/trauma, overdose/poisoning, or adverse effect of medical/surgical treatment. In addition, record the underlying or precipitating cause (i.e., the event or external cause of injury that initiated and led to the mechanism of injury). An example is a house fire that caused a person to jump out of the window. Both the precipitating or underlying cause (house fire) and the mechanism (fall from roof) would be important to record.

It is especially important to record as much detail about falls and motor vehicle crashes as possible.

For falls, indicate what the fall was from (e.g., steps) and where the patient landed (e.g., pavement).

For motor vehicle crash, indicate if it occurred on a street or highway versus a driveway or parking lot.

The National Center for Health Statistics will use the information collected to classify the cause of the injury using the International Classification of Diseases, Supplementary Classification of External Causes of Injury and Poisoning codes (ICD-9-CM E-Codes). [Note: ICD-10-CM was actually used; this was an error in the instrument text.]

DIAGNOSIS

- (1) Primary diagnosis
- (2) Other
- (3) Other
- (4) Other
- (5) Other

(1) Primary diagnosis:

This is one of the most important items in the Patient Record. While the diagnosis may be tentative, provisional, or definitive, it should represent the provider's best judgment at this time, expressed in acceptable terminology including "problem" terms. If the patient was not seen by a physician, then the diagnosis by the main health care provider should be recorded.

If a patient appears for postoperative care (follow-up visit after surgery), record the postoperative diagnosis as well as any other. The postoperative diagnosis should be indicated with the letters "P.O." Do not enter the operative procedure.

(2), (3), (4), (5) Other:

Enter up to four diagnoses or conditions that are recorded in the medical record as being related to this visit, including chronic conditions/diseases (e.g., hypertension, depression).

DIAGNOSTICS

Enter all tests that were ordered or provided during this visit for the purpose of diagnosis (i.e., identification of health problems causing individuals to be symptomatic).

EACH TEST ORDERED OR PROVIDED SHOULD BE ENTERED.

Enter "NONE" if no blood tests, imaging, or other tests were ordered or provided.

If tests/services were ordered or provided that are not listed, then enter "Other blood test," "Other test/service," or "Other imaging," as appropriate.

Tests	Definitions
1. NONE	No blood tests, imaging, or other tests/services not listed were ordered or provided at this visit.
Blood tests:	
2- ABG (Arterial blood gases)	ABG measures the levels of pH, oxygen (PO ₂ or PaO ₂) carbon dioxide (PCO ₂ or PaCO ₂), bicarbonate (HCO ₃), and oxygen saturation (SaO ₂). To obtain an ABG, an artery is punctured, usually in the wrist (radial artery). ABG is not the same as a venous blood gas (VBG).
3-BAC (Blood alcohol concentration)	A blood alcohol concentration (BAC) test measures the amount of alcohol in the bloodstream which is usually reported as a percentage, but it may be recorded in grams per deciliter (g/dL). Also include serum ethanol which is reported in milligrams per deciliter (mg/dL).
4-Basic metabolic panel (BMP)	Examples of documentation of a basic metabolic panel (BMP) include SMA-7, Chem-1, CPBASIC. A basic metabolic panel includes kidney tests (BUN/creatinine), electrolytes (sodium, potassium, bicarbonate, and chloride) and glucose.
5-BNP (Brain natriuretic peptide)	Either the BNP (brain natriuretic peptide) or NT-proBNP (N-terminal pro b-type natriuretic peptide) may be used to help diagnose heart failure and to grade the severity of heart failure.
6-Creatinine/Renal function panel	Select box if 1) any of these terms are used; or 2) if terms such as BUN-to-Creatinine ratio; BUN/Creatinine; or BUN/Cr are stated. Creatinine may be abbreviated as 'Cr.' Select box for blood (serum or plasma) Creatinine test. Do not select box for urine Creatinine; urine Albumin-to-Creatinine ratio; Creatinine Clearance; or Creatine Kinase.
7-Cardiac enzymes	Cardiac enzymes (CE) include any of the following tests: CKMB (MB fraction of creatine kinase) or CPK-MB; troponin I or

	troponin T (Tnl, cTnl).
8-CBC	A CBC or complete blood count includes white blood cell count (WBC), white blood cell differential (the differential classifies a person's white blood cells into each type: neutrophils [also known as segs, PMNs, granulocytes, grans], lymphocytes, monocytes, eosinophils, and basophils) red blood cell count (RBC), hemoglobin, hematocrit, platelet, mean corpuscular volume (MCV), mean corpuscular hemoglobin (MCH), and red cell distribution width (RDW). Might be abbreviated as ABC (automated blood count).
9- Comprehensive metabolic panel (CMP)	Examples of documentation of a CMP include SMA-18 or 20, Chem-20, CPCOMP. A CMP includes the 7 basic metabolic panel (BMP) tests as well as albumin, alkaline phosphatase, ALT, AST, GGT, bilirubin, calcium, cholesterol and triglycerides, lactate dehydrogenase, phosphate, total serum protein, and uric acid.
10-Culture, blood	A blood culture determines if microorganisms, such as bacteria or fungi, are present in the blood. A sample of blood is put in a special laboratory preparation and incubated in a controlled environment for 1 to 7 days. Often obtained in sets of 2 or 3 at the same time. Might be abbreviated as BC, blood Cx, or blood C&S (culture and sensitivity).
11-Culture, throat	A throat culture is a test to check for a bacterial or fungal infection in the throat. A sample swabbed from the throat is put in a special cup (culture) that allows infections to grow. Might be abbreviated as throat Cx or throat C&S (culture and sensitivity). Do not select box for rapid strep test.
12-Culture, urine	The urine culture test detects and identifies bacteria and yeast in the urine and is used to diagnose a urinary tract infection (UTI). A mid-stream clean catch urine sample is submitted to the lab; sometimes a urine sample is obtained via catheter. With a urine culture, a small sample of urine is placed on one or more agar plates (a thin layer of a nutrient media) and incubated at body temperature. Any microorganisms that are present in the urine sample grow over the next 24 to 48 hours as small circular colonies. Might be abbreviated urine Cx or urine C&S (culture and sensitivity).
13-Culture, wound	A wound culture is used to detect and identify bacteria or fungi that may be infecting the skin or wound. The specimen is usually obtained by a cotton swab of pus or the wound base. The test involves growing the microorganisms from a wound in a special growth medium.
14-Culture, other	Might be abbreviated Cx or C&S (culture and sensitivity).

15-D-dimer	The D-dimer test is ordered, along with other laboratory tests and imaging scans, to help rule out the presence of a thrombus. Some of the conditions that the d-dimer test is used to help rule out include: deep vein thrombosis (DVT), pulmonary embolism (PE), and stroke. Also known as fragment D-dimer and fibrin degradation fragment.
16-Electrolytes	The electrolytes test measures any of the following in the blood: sodium (Na), chloride (Cl), potassium (K), bicarbonate (HCO ₃), and carbon dioxide (CO ₂).
17-Glucose, serum	Select box for blood Glucose test. Do not select box for urine Glucose test. The serum glucose test measures the amount of glucose (sugar) in serum and plasma. High blood levels of glucose (hyperglycemia) can indicate diseases such as diabetes mellitus. A fasting blood glucose test may be abbreviated as FBG or FBS.
18-Lactate	The lactate or lactate dehydrogenase (LDH) test is primarily ordered to help determine if someone has lactic acidosis, i.e., a high level of lactate in the blood. Lactic acidosis is most commonly caused by an inadequate amount of oxygen in cells and tissues (hypoxia). This test is also known as Lactic Acid; L-Lactate.
19-Liver enzymes/Hepatic function panel	Select box if liver enzymes/hepatic function panel, LFTs (liver function tests), AST (aspartate aminotransferase), or ALT (alanine aminotransaminase) are listed.
20-Prothrombin time (PT/PTT/INR)	The prothrombin time (PT)/INR test measures the clotting time of plasma (the liquid portion of the blood). Alternative names include PT and Pro-time. INR (international normalized ratio) is a system for reporting the results of blood coagulation (clotting) tests. Usually collected with PTT (partial thromboplastin time). Also known as coags.
21-Other blood test	Select this box if a blood test not listed above was ordered or provided at this visit.
Other tests:	
22-Cardiac monitor	A cardiac monitor is a piece of electronic equipment for continual observation of the function of the heart. Include: heart monitor, Holter monitor, ballistocardiography, cardiography, and electrocardiography (ECG or EKG).
23-EKG/ECG	An electrocardiogram (EKG or ECG) is a test that checks for problems with the electrical activity of the heart. An EKG/ECG translates the heart's electrical activity into line tracings. Includes stress tests, e.g., treadmill.
24-HIV test	Also known as AIDS test, AIDS screen, and HIV serology. Antibodies to the HIV virus are often detected by an HIV screening test called an ELISA. The ELISA test is repeated if positive. The ELISA method is very sensitive but requires another test, a Western Blot, to confirm the results.

25-Influenza test	The influenza test is done almost exclusively during the flu season on patients presenting with symptoms of respiratory infection. The best sample for a flue test is usually a nasal aspirate, but the most frequently used samples are the nasal or throat swab (rapid), nasal culture, or serology (blood). The result of the rapid test may be obtained in 10 minutes. Include: flu test, rapid flu test, influenza antigen test, and viral culture for flu/influenza.
26-Pregnancy/HCG test	A pregnancy test may be done on either urine or blood. HCG or human chorionic gonadotropin is a hormone that is produced during pregnancy. Include: HCG, beta HCG, total HCG, and total beta HCG. For HCG blood test, may see "quant" in the chart.
27-Toxicology screen	A toxicology screen evaluates the type (and roughly measures the amount) of legal drugs (e.g., prescriptions, over-the-counter [OTC], vitamins, supplements) and illegal drugs (e.g., heroin, cocaine, methamphetamines) a person has taken. The test typically involves a urine sample, but could also be blood.
28-Urinalysis (UA) or urine dipstick	A urinalysis (U/A) or urine dipstick checks different components of urine to identify potential problems. More than 100 different tests can be done on urine, including specific gravity, color, clarity, odor, pH, protein, and glucose. Include "clean catch" urine sample. Often abbreviated as U/A.
29-Other test/service	Select this box if a test or service (excluding those listed under "Imaging" or "Procedures") not listed above was ordered or provided at this visit.
Imaging:	
30-X-ray	An X-ray is a picture of structures and organs in the body produced by focusing X-rays (a form of radiation) focused into a beam.
31-CT scan	A computed tomography (CT) scan uses X-rays to make detailed pictures of structures inside the body. It can be performed on the head, chest, abdomen, pelvis, bone, and spinal cord. In some cases, a dye called contrast material may be used.
32-MRI	Magnetic resonance imaging (MRI) is a test that uses a magnetic field and pulses of radio wave energy to make pictures of organs and structures inside the body. MRI may also show problems that cannot be seen with other imaging methods.
33-Ultrasound	Ultrasound includes fetal, pelvic, and abdominal ultrasound tests as well as echocardiogram. Might be abbreviated as US or U/S. ED physicians have begun to perform bedside ultrasound themselves, so indicate whether the ultrasound was performed by the emergency physician or someone else (e.g., x-ray tech in Radiology).

34-Other imaging	Select this box if an imaging test not listed above was ordered or provided at this visit. Other imaging includes PET scan.
------------------	---

WAS CT ORDERED/PROVIDED WITH INTRAVENOUS (IV) CONTRAST?

Tests	Definitions
1-Yes	Select this box if the CT was ordered or provided with intravenous (IV) contrast. The type of IV contrast used in CT scans is iodinated contrast. CT scans with IV contrast are performed to get a detailed image of the inside of the body.
2-No	Select this box if the CT was ordered or provided without intravenous (IV) contrast.
3-Unknown	Select this box if it is unknown whether the CT was ordered or provided with or without intravenous (IV) contrast.

WAS MRI ORDERED/PROVIDED WITH INTRAVENOUS (IV) CONTRAST (ALSO WRITTEN AS 'WITH GADOLINIUM' OR 'WITH GADO')?

Test	Definitions
1. Yes	Select this box if the MRI was ordered or provided with intravenous (IV) contrast. The most commonly used contrast medium or agent is gadolinium- (or gado-) based. When injected into the body, contrast medium makes certain tissues, abnormalities or disease processes more clearly visible on MRIs.
2. No	Select this box if the MRI was ordered or provided without intravenous (IV) contrast.
3. Unknown	Select this box if it is unknown whether the MRI was ordered or provided with or without intravenous (IV) contrast.

ENTER ALL PROCEDURES PROVIDED AT THIS VISIT, SEPARATE WITH COMMAS. EXCLUDE MEDICATIONS.

Enter all procedures provided at this visit.
Enter "NONE" if no procedures were provided.

Procedures	Definition
1. NONE	No procedures provided.
2. BiPAP/CPAP	BiPAP (variable/bilevel positive airway pressure) provides two levels of pressure: inspiratory positive airway pressure and a lower expiratory positive airway pressure for easier exhalation. CPAP is continuous positive airway pressure. The main indications for positive airway pressure are congestive heart failure (CHF) and chronic obstructive pulmonary disease (COPD).
3. Bladder catheter	A bladder catheter is a latex, polyurethane or silicone tube is inserted into a patient's bladder via his or her urethra.

	<p>Catheterization allows the patient's urine to drain freely from the bladder for collection. It may be used to inject liquids used for treatment or diagnosis of bladder conditions, also known as a urinary catheter. May be referred to as a Foley catheter.</p>
4. Cast, Splint, Wrap	<p><u>Cast</u>: Rigid or flexible dressing made of plaster or fiberglass, molded to the body while pliable and hardening as it dries to give firm support.</p> <p><u>Splint</u>: Rigid or flexible appliance used to maintain in position a displaced or moveable part, or to keep in place and protect an injured part.</p> <p><u>Wrap</u>: Elastic bandage (also known as an ACE bandage, elastic wrap, compression bandage or crepe bandage) is a "stretchable bandage used to create localized pressure." Elastic bandages are commonly used to treat muscle sprains and strains by reducing the flow of blood to a particular area by the application of even stable pressure which can restrict swelling at the place of injury. A wrap includes the following: ACE wrap/bandage, compression wrap/bandage, and elastic wrap/bandage. It excludes kling wrap/rolls.</p>
5. Central line	<p>A central venous line (also known as central venous catheter or CVC) is usually inserted into a large vein in the neck, chest, or groin to administer medications or fluids and to obtain blood for testing and cardiovascular measurements.</p>
6. CPR	<p>CPR is cardiopulmonary resuscitation.</p>
7. Endotracheal intubation	<p>Endotracheal intubation (EI, Endotracheal intubation is a medical procedure in which a tube is placed into the windpipe (trachea), through the mouth or the nose. It is performed in seriously ill or injured patients who are most likely admitted to a critical care unit in the hospital or die in the ED.</p> <p>Endotracheal intubation is done to open the airway to give oxygen, medication, or anesthesia, and to help with breathing. It may also be done to remove blockages (foreign bodies) from the airway or to allow the provider to get a better view of the upper airway. Look for ETT or rapid sequence in the chart.</p>
8. Incision and drainage (I & D)	<p>Incision and drainage (I&D) is a common treatment for skin infections and abscesses. A scalpel is inserted into the skin overlying the pus and the pus is drained.</p>
9. IV fluids	<p>Refers to the administration of intravenous fluids. An IV is used to administer medication or fluids and upon insertion, the line can be used to draw blood. Exclude IVs started in the ambulance or in another health care facility prior to arrival at this ED. Exclude central venous catheters (CVC).</p>
10. Lumbar puncture	<p>Lumbar puncture (LP) is a diagnostic and at times therapeutic procedure that is performed in order to collect a sample of cerebrospinal fluid (CSF) for biochemical, microbiological, and cytological analysis, or very rarely as a treatment ("therapeutic lumbar puncture") to relieve increased</p>

	intracranial pressure. Also known as a spinal tap.
11. Nebulizer therapy	During nebulizer therapy, bronchodilator (airway-opening) medications (e.g., albuterol, ipratropium) are delivered through a nebulizer which changes liquid medicine into fine droplets (in aerosol or mist form) that are inhaled through a mouthpiece or facemask. Used for patients with asthma or COPD (chronic obstructive pulmonary disease).
12. Pelvic exam	A pelvic exam is an examination of the organs of the female reproductive system.
13. Skin adhesives	Skin adhesives can be used in a wide range of wound care where gentle adhesion to skin is critical (e.g., wound dressings, pressure sore cushions, and burn treatment gauzes).
14. Suturing/Staples	Suturing/stapling is the process of using stitches, sutures or staples to hold the skin or tissue together.
15. Other	Enter "Other" if procedures were provided but are not listed above.

MEDICATIONS

List **up to 30 medications** given at this visit. Include prescription and over-the-counter (OTC) drugs, immunizations, and anesthetics. For each drug listed, record if the medication was given in the ED, prescribed at discharge or both given in ED and at discharge.

Record the exact drug name (brand or generic) written on any prescription or on the medical record. Additional information such as **dosage, strength, or regimen is not required**. For example, the medication might be in the form of pills, injections, salves or ointments, drops, suppositories, powders, or skin patches, but this information should not be entered.

You may enter broad drug classes, such as "laxative," "cough preparation," "analgesic," "antacid," "birth control pill," or "antibiotic" but only when a specific drug name is not recorded in the medical record.

Medication, broadly defined, includes the specific name of any:

- Prescription and over-the-counter medications, anesthetics, hormones, vitamins, immunizations, allergy shots, and dietary supplements

- Medications and immunizations which were ordered or provided prior to this visit and the ED physician/provider instructs or expects the patient to continue taking regardless of whether a "refill" is provided at the time of visit

If **more than 30 medications** were given in the ED and/or prescribed at ED discharge, then enter the medications/immunizations according to the following priority:

1. All medications (including OTC drugs)/immunizations given in the ED
2. All medications (including OTC drugs)/immunizations prescribed at discharge

If **no medication** was prescribed, or administered, then enter "0" and continue.

VITALS AFTER TRIAGE

Vital signs**Definition**

Does the chart contain vital signs taken after triage?	Enter the last set of vital signs documented in the chart that were taken after triage.
--	---

PROVIDERS SEEN

Enter all providers seen during this visit. If care was provided, at least in part, by a person not represented in the eight categories, enter "Other."

Provider	Definition
1. ED attending physician	The ED attending physician is the physician who is primarily responsible for the patient's care in the ED. In teaching hospitals, the attending physician is also responsible for supervising and training interns, residents, and medical students. If the chart indicates that a physician was seen, but does not specify the type, assume that this individual was an ED attending physician.
2. ED resident/Intern	An ED resident is medical school graduate who is participating in a program of graduate medical education and training in emergency medicine. An intern is a physician in their first year of residency training.
3. Consulting Physician	A consulting physician is called to the ED by the patient's ED provider and may leave a consultation note. If a consulting physician specializes in psychiatry, choose psychiatrist on the Specialty of consulting physician screen.
4. RN/LPN	A registered nurse (RN) is a nurse who has graduated from a nursing program at a college or university and has passed a national licensing exam to obtain a nursing license. An LPN (licensed practical nurse) is a nurse who has completed a basic level of training and is licensed to provide routine care to sick people.
5. Nurse practitioner	A nurse practitioner (NP) is an Advanced Practice Registered Nurse (APRN) who has acquired the knowledge base, decision-making skills, and clinical competencies for expanded practice beyond that of an RN.
6. Physician assistant	A physician assistant (PA) is a medical professional who is nationally certified and state-licensed to practice medicine.
7. EMT	EMT is emergency medical technician. Only enter this category if an EMT provided care in the ED as opposed to in the ambulance.
8. Other mental health provider	Select this box, if another type of mental health provider (e.g., Certified Alcohol Counselor (CAC) or psychiatric nurse practitioner).
9. Other	Select this box, if health care was provided by a provider not listed above. Exclude those who provided ancillary services, e.g., x-ray technician, phlebotomist, respiratory therapist.

VISIT DISPOSITION (ENTER ALL THAT APPLY, SEPARATE WITH COMMAS)

Visit Disposition	Definitions
1. No follow-up planned	No return visit or telephone or email contact was scheduled or planned for the patient's problem.
2. Return to ED	The patient was told to schedule an appointment or was given an appointment to return to the ED at a particular time.
3. Return/Refer to physician/clinic for FU	The patient was referred to a physician outside of the ED, such as a personal physician, or an outpatient clinic for follow-up after being screened, evaluated, and stabilized in the ED.
4. Left without being seen (LWBS)	The patient left the ED before being seen by the main health care provider, e.g., physician, APRN (Advanced Practice Registered Nurse – includes nurse practitioners and clinical nurse specialists), or PA. The patient may have left the ED either before or after being triaged.
5. Left before treatment complete (LBTC)	The patient left the ED after being seen by the main health care provider, e.g., physician, APRN (Advanced Practice Registered Nurse – includes nurse practitioners and clinical nurse specialists), or PA, but before treatment was completed.
6. Left AMA	The patient left against medical advice (AMA). The patient was evaluated by a physician, APRN (Advanced Practice Registered Nurse – includes nurse practitioners and clinical nurse specialists), or PA, and advised to stay and receive or complete treatment.
7. DOA	The patient was dead on arrival (DOA). This patient is still included in the sample if listed on arrival log.
8. Died in ED	The patient died in the ED. This patient is still included in the sample if listed on arrival log.
9. Return/Transfer to nursing home	The patient returned to the nursing home that is their usual place of residence or was transferred to a nursing home.
10. Transfer to psychiatric hospital	The patient was transferred to a hospital which specializes in treating mental and/or behavioral health problems and where patients stay overnight and receive psychological/educational therapy alone or combined with medication.
11. Transfer to non-psychiatric hospital	The patient was transferred to another non-psychiatric hospital.
12. Admit to this hospital	The patient was instructed that further care or treatment was needed and was admitted to this hospital.

13. Admit to observation unit then hospitalized	<p>The patient was admitted to a designated observation unit for evaluation and management or to wait for an inpatient bed, and then was admitted to the hospital. The observation unit may be located in a separate geographic area from the ED or in an in-hospital observation space.</p> <p>Observation processes vary by hospital and within hospitals based on the location and service providing care. Other names of ED observation units include: clinical decision unit (CDU), chest pain evaluation unit, short-stay unit, and rapid diagnostic and treatment unit.</p>
14. Admit to observation unit then discharged	<p>The patient was admitted to a designated observation unit in the ED for evaluation and management, but was discharged from the ED and was never admitted to a hospital.</p> <p>The observation unit may be located in a separate geographic area from the ED or in an in-hospital observation space. Observation processes vary by hospital and within hospitals based on the location and service providing care.</p> <p>Other names of ED observation units include: clinical decision unit (CDU), chest pain evaluation unit, short-stay unit, and rapid diagnostic and treatment unit.</p>
15. Other	Any other disposition not included in the above list.

OBSERVATION UNIT STAY

Date and Time	Definitions
Date and time of observation unit/care initiation order	<p>Enter the documented date and time of the order to admit the patient to the observation unit/care (e.g., "observation initiation" order). Observation processes vary by hospital and within hospitals based on the location and service providing care (e.g. ED observation unit/care vs. in hospital observation space).</p> <p>For the date of the observation unit/care initiation order, enter the month, day, and last digit of the year. Enter the time of the observation unit/care initiation order. Pay attention to the a.m., p.m., and Military time indicators.</p> <p>Cross-check all of the times to make sure that they are in chronological order. For example, the time of the observation unit/care initiation order should be after the time the patient physically left the ED.</p>

Date and Time	Definitions
Date and time of observation unit/care discharge order	<p>Enter the documented date and time of the order to discharge the patient from the observation unit/care (e.g., "discharge from observation" order). Observation processes vary by hospital and within hospitals based on the location and service providing care (e.g. ED observation unit/care vs. in hospital observation space).</p> <p>For the date of the observation unit/care discharge order, enter the month, day, and last digit of the year. Enter the time of the observation unit/care discharge order. Pay attention to the a.m., p.m., and Military time indicators.</p> <p>Cross-check all of the times to make sure that they are in chronological order. For example, the time of the observation unit/care discharge order should be after the time the patient physically left the ED.</p>

HOSPITAL ADMISSION

ADMITTED TO:

<u>Type of unit</u>	<u>Definition</u>
1. Critical care unit	The patient was admitted to a critical care unit of the hospital (e.g., Intensive Care Unit (ICU), Coronary Care Unit (CCU), Pediatric-Intensive Care Unit (PICU))
2. Stepdown unit	The patient was admitted to a stepdown unit area of the hospital where special machines are used to closely monitor patients. The level of care is less intense than in the ICU. Not all hospitals have stepdown units.
3. Operating room	The patient was sent directly to the operating room.
4. Mental health or detox unit	The patient was admitted to a mental health or psychiatric unit or a unit providing detoxification services for drugs and/or alcohol.
5. Cardiac catheterization lab	The patient was sent directly to the cardiac catheterization lab.
6. Other bed/unit	The patient was admitted to a bed/unit in the hospital not listed above (e.g., med/surg unit).
7. Unknown	Information is not available to determine where the patient was admitted.

ADMITTING PHYSICIAN

Indicate whether the admitting physician is a hospitalist.

A hospitalist is a physician whose primary professional focus is the general medical care of hospitalized patients. A hospitalist oversees ED patients being admitted to the hospital.

If the records do not indicate that the admitting physician is a hospitalist, enter "Unknown".

Date and time	Definition
Date and time of admit order	<p>Enter the first documented date and time of the disposition to admit the patient to this hospital from the ED.</p> <p>As admission processes vary by hospital, use the first documented time of any of the following: 1) admission order; 2) disposition order (must explicitly state to admit); 3) documented bed request; or 4) documented acceptance from admitting physician. This is not the 'Bed assignment time' or 'Report Called Time.'</p> <p>For the date of the admit order, enter the month, day, and last digit of the year. Enter the time of the admit order. Pay attention to the a.m., p.m., and Military time indicators.</p> <p>Cross-check all of the times to make sure that they are in chronological order. For example, the time of the admit order should be after the time the patient was first seen by a provider.</p>

HOSPITAL DISCHARGE STATUS/DISPOSITION

If the patient was discharged "Alive", enter one of the following:

<u>Disposition</u>	<u>Definition</u>
1. Home /Residence	The patient was discharged to their normal place of residence (e.g., private home, assisted living, nursing home, college dormitory, homeless shelter, hospice, prison, or group home for the mentally or physically disabled).
2. Return/ Transfer to nursing home	The patient returned to the nursing home that is their normal place of residence or was transferred to a nursing home.
3. Transfer to another facility (not usual place of residence)	The patient was transferred to another facility that is not their usual place of residence (e.g., psychiatric hospital, detox, rehabilitation hospital, another short-term hospital, intermediate care facility (ICF), extended care facility or custodial care facility). If an extended care facility or custodial care facility has a distinct unit that provides skilled nursing care, enter "Return/Transfer to nursing home".
4. Other	Any other disposition where the patient neither returned to their normal place of residence nor was transferred.
5. Unknown	Information is not available to determine where the patient was discharged.

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 or clinic 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 are included as part of the hospital's outpatient department.

Emergency service area - Area within the emergency department where emergency services are provided. This includes services provided under the "hospital as landlord" arrangement in which the hospital rents space to a physician group.

Outpatient department - Hospital facility where non-urgent ambulatory medical care is provided under the supervision of a physician.

Clinic - Administrative unit within an organized outpatient department that provides ambulatory medical care under the supervision of a physician. This excludes the "hospital as landlord" arrangement in which the hospital only rents space to a physician group and is not otherwise involved in the delivery of services.

Clinics are grouped into the following six specialty groups for purposes of systematic sampling and non-response adjustment: general medicine, surgery, pediatrics, obstetrics/gynecology, substance abuse, and other. Clinics are defined as in scope or out of scope as follows:

In scope - General Medicine

23/24 Hour Observation	Infectious Diseases (Adult)
Adult - Screening	Internal Medicine (Adult)
Adult HIV	Lead Poisoning (Adult)
AIDS	Leukemia
Allergy (Adult)	Lipid
Ambulatory Care	Liver
Andrology	Lupus (Systemic Lupus Erythematosus/SLE)
Anticoagulation	Medical Oncology
Apnea (Adult)	Medical Screening
Arthritis/Rheumatology (Adult)	Melanoma
Asthma	Metabolic
Bariatrics/Bariatric Medicine	Movement and Memory Disorders
Brain Tumor	Multiple Sclerosis (MS)
Breast Medical Oncology	Muscular Dystrophy (MD)
Cancer Center	Nephrology (Adult)
Cancer Screening	Neurocutaneous
Cardiology (Adult)	Non-Surgical Head
Cardiovascular	Non-Surgical Head & Neck
CD4	Obesity (Adult)
Cerebral Palsy (Adult)	Occupational Medicine
Chest	Oncology
Chest TB	Outreach Program (General Medicine)
Chorea/Huntington's Disease	Pacemaker
Coagulant	Pentamidine
Congestive Heart Failure	Peripheral Vascular Disease
Connective Tissue	Pheresis
Cystic Fibrosis (Adult)	Pigmented Lesion
Cytomegalovirus (CMV)	Plasmapheresis
Dermatology	Primary Care
Diabetes	Pulmonary (Adult)
Digestive Disease	Renal
Down's Syndrome (Adult)	Respiratory
Endocrinology (Adult)	Rheumatology/Arthritis (Adult)
Epilepsy	Sarcoidosis
Family Practice	Screening (Adult)
Gastroenterology (Adult)	Screening - Cancer
General Medicine	Screening and/or Walk-In
General Medicine (Outreach Program)	Seizure
General Practice	Senior Care
Genetics (Adult)	Sexually Transmitted Diseases (STD)
Geriatric Medicine	Sickle Cell (Adult)
Head (Non-Surgical)	Spina Bifida (Adult)
Head & Neck (Non-Surgical)	STD/Sexually Transmitted Diseases
Hematology (Adult)	Systemic Lupus Erythematosus/SLE (Lupus)
Hemophilia (Adult)	Thyroid
Hepatology	Transplant Medicine
HIV (Adult)	Travel Medicine
Holistic Medicine	Tuberculosis
Homeless	Tumor
Huntington's Disease/Chorea	Urgent Care
Hyperlipidemia (Adult)	Vascular
Hypertension	Walk-in and/or Screening
Immunology	Weight Management
Immunosuppression	Wellness

In scope - Surgery

Abdominal Surgery
 Amputee (Surgery & Rehab)
 Ano-Rectal
 Back Care
 Bariatric Surgery
 Bone Marrow Aspiration
 Bone Marrow Transplant
 Breast
 Breast Care
 Burn
 Cardiothoracic Surgery
 Cardiovascular Surgery
 Cast/Brace
 Chief Resident (Follow-up Surgery)
 Chronic Wound
 Cleft Palate
 Club Foot
 Cochlear
 Colon & Rectal Surgery
 Craniofacial
 Cryosurgery
 Elective Surgery
 ENT (Ear, Nose, and Throat) (Adult)
 ENT (Ear, Nose, and Throat) (Pediatric)
 Eye
 Eye Retinopathy of Prematurity
 Fine Needle Aspiration
 Fracture
 General Surgery
 Genitourinary
 Genitourinary Surgery
 Hand Surgery
 Head and Neck Surgical
 Heart Transplant
 Injury
 Injury (Pediatric)
 Knee
 Neurosurgery
 Oncologic Surgery
 Ophthalmologic Surgery
 Ophthalmology (Adult)
 Ophthalmology (Pediatric)
 Orthopedic Surgery
 Orthopedics (Adult)
 Orthopedics (Pediatric)
 Ostomy
 Otolaryngologic Surgery
 Otolaryngology (Adult)
 Otolaryngologic (Pediatric)
 Otology
 Otorhinolaryngology
 Plastic Surgery (Adult)
 Plastic Surgery (Pediatric)
 Postoperative
 Preoperative

Proctology
 Pulmonary/Thoracic Surgery
 Rectal & Colon Surgery
 Renal Surgery
 Renal Transplant
 Scoliosis (Adult)
 Scoliosis (Pediatric)
 Spinal Cord Injury
 Spine (Adult)
 Spine (Pediatric)
 Sports Medicine
 Surg
 Surgery (Adult)
 Surgery (Pediatric)
 Surgery Cancer Detection
 Surgical Oncology
 Suture
 Thoracic Surgery/Pulmonary
 Transplant Surgery
 Trauma
 Traumatic Brain Injury
 Traumatic Surgery
 Urodynamics
 Urologic Surgery
 Urology (Adult)
 Urology (Pediatric)
 Vascular Surgery
 Visual Fields
 Wound Care

In scope – Pediatrics

Abuse (Child)/Sexual Assault
 Adolescent Medicine
 Adolescent/Young Adult
 After Hours (Pediatric)
 Airway (Pediatric)
 Allergy (Pediatric)
 Apnea (Infant)
 Arthritis/Rheumatology (Pediatric)
 Asthma (Pediatric)
 Attention Deficit Disorder
 Autism
 Behavior and Development (Child)
 Birth Defect
 Cardiac (Pediatric)
 Cardiology (Pediatric)
 Cerebral Palsy (Child)
 Chest (Pediatric)
 Clotting (Pediatric)
 Congenital Heart
 Craniomalfomation
 Critical Care (Pediatric)
 Cystic Fibrosis (Child)
 Dermatology (Pediatric)

In scope – Pediatrics (cont.)

Developmental Disability
 Developmental Evaluation
 Diabetes (Pediatric)
 Diagnostic (Pediatric)
 Down's Syndrome (Child)
 Endocrinology (Pediatric)
 Epilepsy (Pediatric)
 Feeding Disorder (Pediatric)
 Gastroenterology (Pediatric)
 Gastrointestinal (Pediatric)
 General Pediatrics
 Genetics (Pediatric)
 GI (Pediatric)
 Growth Hormone
 Hematology (Pediatric)
 Hemoglobinopathy (Pediatric)
 Hemophilia (Child)
 High Risk Pediatrics
 HIV Pediatrics
 Hyperlipidemia (Pediatric)
 Immunization
 Immunology (Pediatric)
 Infectious Diseases (Pediatric)
 Internal Medicine (Pediatric)
 Lead Poisoning (Pediatric)
 Learning Disorder
 Metabolic (Pediatric)
 Neonatal
 Neonatal Follow-up
 Neonatology
 Nephrology (Pediatric)
 Newborn
 Obesity (Pediatric)
 Oncology (Pediatric)
 Pediatrics (General)
 Perinatal
 Phenylketonuria
 Prader-Willi Syndrome
 Pulmonary (Pediatric)
 Renal and Diabetes (Pediatric)
 Rheumatic Heart Disease
 Rheumatology/Arthritis (Pediatric)
 Screening (Pediatric)
 Sexual Assault/Abuse (Child)
 Short Stay (Pediatric)
 Sickle Cell (Child)
 Skeletal Dysplasia
 Spina Bifida (Child)
 Teen Health
 Teen-Tot
 Teenage
 Urgent care (Pediatric)
 Well Child Care

In scope - Obstetrics/Gynecology

Adolescent Gynecology
 Antepartum
 Birth Control
 Dysplasia (Gynecologic)
 Endocrinology (Gynecologic)
 Endocrinology (Reproductive)
 Family Planning
 Fertility
 Gynecology (General)
 Gynecology (Adolescent)
 Gynecology (Dysplasia)
 Gynecology (Endocrinologic)
 Gynecology (Oncologic)
 Gynecology (Pediatric)
 Gynecology (Preteen)
 High Risk Obstetrics
 HIV Obstetrics
 In Vitro Fertilization
 Infertility
 Maternal Fetal Medicine
 Maternal Health
 Maternity
 Obstetrics (General)
 Oncology (Gynecologic)
 Perinatal (Obstetrics)
 Postpartum (Obstetrics)
 Pregnancy Verification
 Prenatal
 Prenatal (Obstetrics)
 Preteen Gynecology
 Reproductive
 Reproductive Endocrinology
 Well Woman
 Women's Care

In scope - Substance Abuse

Alcohol Abuse
 Alcohol Detoxification
 Alcohol Walk-in
 Chemical Dependence (excluding Methadone Maintenance)
 Drug Abuse (excluding Methadone Maintenance)
 Drug Detoxification (excluding Methadone Maintenance)
 Substance Abuse (excluding Methadone Maintenance)
 Walk-in – Alcohol
 Women's Alcohol Program

In scope - Other

Anxiety
 Behavioral Medicine
 Biofeedback
 Eating Disorder
 General Preventive Medicine
 Geriatric Psychiatry
 Headache (Neurology)
 Hyperbaric oxygen
 Mental Health
 Mental Hygiene
 Myasthenia Gravis
 Myelomeningocele
 Neurofibromatosis
 Neurology (Adult)
 Neurology (Pediatric)
 Neuromuscular
 Neurophysiology
 Neuropsychiatry
 Neurosensory
 Palliative Medicine
 Preventive Medicine
 Psychiatry (Adolescent)
 Psychiatry (Adult)
 Psychiatry (Child)
 Psychiatry (Geriatric)
 Psychiatry (Pediatric)
 Psychopharmacology
 Sleep Disorder
 Sleep Medicine
 Toxicology
 Voice and Swallowing

Out of scope

Abortion/Pregnancy Termination
 Acupuncture
 Adult Day Care
 Ambulatory Surgery Center
 Amniocentesis
 Anesthesia
 Anesthesiology
 Arthroscopy
 Audiology
 Blood Bank
 Bone Density Screening
 Bronchoscopy
 Cardiac Catheterization
 CAT Scan & Imaging
 Chemotherapy
 Chiropractic
 Colonoscopy
 Colposcopy
 Cyberknife Radiology
 Cystoscopy
 Day Hospital
 Dental

Dental Surgery
 Diabetic Foot Clinic
 Diagnostic X-ray (Imaging)/Radiology
 Dialysis
 Dietary
 Drug Immunotherapy
 Echocardiology
 Electrocardiogram (ECG)
 Electroconvulsive Therapy (ECT)
 Electromyography
 Employee Health Service/Center
 Endoscopy
 Fetal Diagnostic Testing
 Hearing & Speech
 Hemodialysis
 Home Intravenous Therapy
 Imaging & CAT Scan
 Infusion
 Infusion Therapy
 IV Therapy
 Kidney (Renal) Dialysis
 Laser Surgery
 Lasik Surgery
 Lithotripsy
 Mammography
 Methadone Maintenance
 Nuclear Medicine
 Nurse Clinic/Nurse Only
 Nutrition
 Occupational Health
 Occupational Safety and Health
 Occupational Therapy
 Optometry
 Oral Surgery
 Orthotics
 Pain
 Pain Block
 Pain Management
 Pain Medicine
 Partial Hospitalization
 Partial Hospitalization Program (Psyc)
 Path Lab
 Pathology
 Pharmacy
 Physiatry
 Physical Medicine
 Physical Therapy
 Physiotherapy
 Podiatry
 Preadmission Testing
 Pregnancy Termination/Abortion
 Psychology
 Pulmonary Function Lab
 Radiation Diagnosis

Out of scope (cont.)

Radiation Oncology
 Radiation Therapy
 Radiology/Diagnostic X-ray (Imaging)
 Reading & Language
 Reference Lab
 Reference X-Ray
 Rehabilitation
 Renal (Kidney) Dialysis

Same Day Surgery
 School Programs
 Sigmoidoscopy
 Social Work
 Speech & Hearing
 Student Health Service/Center
 Tele-Health
 Transfusion
 Ultrasound
 Vertical Balance

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**

NOTE: The Reason for Visit Classification used for the 2016 NHAMCS ED public use micro-data file is the same as that used for the 2015 National Ambulatory Medical Care Survey and is available [here](#).

APPENDIX III**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
a07003 MULTIVITAMIN-LUTEIN
a07023 CALCIUM SALTS;VITAMIN A;RIBOFLAVIN;MAGNESIUM OXIDE;IODINE
a07027 CALCIUM;MAGNESIUM;CHOLECALCIFEROL
a07035 ANALGESICS;DIETARY SUPPLEMENT;ANTIOXIDANTS
a07055 4-AMINOPYRIDINE
a07065 CURCUMIN
a07069 CYANOACRYLATE
a10051 BENZYL ALCOHOL;SOYBEAN OIL;STARCH TOPICAL
a10068 ASCORBIC ACID;BIOTIN;VITAMIN B COMPLEX
a10125 CALCIUM REPLACEMENT-ERGOALCIFEROL
a10133 CALCIUM ION;CHLORIDE ION;MAGNESIUM ANTACIDS;POTASSIUM ION;SODIUM ION
a10136 CALCIUM ION;CHOLECALCIFEROL;IRON PREPARATIONS;VITAMIN A;VITAMIN B
COMPLEX
a10150 CANTHARIDIN;PODOPHYLLUM RESIN TOPICAL;SALICYLIC ACID TOPICAL
a10155 CARMELLOSE;GELATIN;MINERAL OIL;PECTIN
a10163 CASEIN;MULTIVITAMIN;SAFFLOWER OIL;SOYBEAN OIL;SUCROSE
a10164 CAMPHOR TOPICAL;CEDAR LEAF OIL;EUCALYPTUS OIL;MENTHOL;NUTMEG OIL
a10166 CERESIN WAX;MINERAL OIL;PETROLATUM TOPICAL;WOOLWAX ALCOHOL
a10172 CETEARETH;PETROLATUM TOPICAL;PROPYLENE GLYCOL;SORBITOL
a10245 DEXTROSE-POTASSIUM REPLACEMENT SOLUTIONS
a10249 DEXTROSE-RINGERS LACTATED
a10252 DEXTROSE-NORMAL SALINE
a10253 DEXTROSE-LACTATED RINGERS
a10263 DEXTROSE-NITROGLYCERIN
a10264 DEXTROSE;POTASSIUM CHLORIDE;SODIUM CHLORIDE
a10267 DEXTROSE-SODIUM CHLORIDE
a10278 DEXTROSE-MAGNESIUM AMINO ACIDS CHELATE
a10279 DEXTROSE-STERILE WATER
a10281 BETAINE;DIASTASE;OX BILE EXTRACT;PANCREATIN;PAPAIN TOPICAL
a10295 CAMPHOR TOPICAL;DIPROPYLENE GLYCOL SALICYLATE;MENTHOL TOPICAL;METHYL
NICOTINATE;METHYL SALICYLATE TOPICAL
a10300 ASCORBIC ACID;ELECTROLYTES;MINERALS;VITAMIN B COMPLEX
a10304 ELECTROLYTES-POLYETHYLENE GLYCOL 3350
a10312 ETHANOL;EUCALYPTUS OIL;MENTHOL TOPICAL;METHYL SALICYLATE
TOPICAL;THYMOL

a10338 GLYCINE-IMMUNE GLOBULIN INTRAMUSCULAR
a10340 FENNEL;GLYCYRRHIZA;SENNA;SUCROSE;SULFUR TOPICAL
a10385 ETHINYL ESTRADIOL;IRON PREPARATIONS;NORETHINDRONE
a10387 CALCIUM CARBONATE;FOLIC ACID;IRON PREPARATIONS;MULTIVITAMIN;NIACIN
a10399 FOLIC ACID;IRON PREPARATIONS;MULTIVITAMIN
a10438 FLUORIDE;IRON PREPARATIONS;MULTIVITAMIN
a10439 DOCUSATE-IRON PREPARATIONS
a10442 IRON PREPARATIONS-MULTIVITAMIN
a10452 LACTOSE-NORETHINDRONE
a10453 LACTOSE-MOMETASONE NASAL
a10455 LACTOSE-TROSPIMUM
a10463 ALUMINUM HYDROXIDE;DIPHENHYDRAMINE TOPICAL;LIDOCAINE;MAGNESIUM
ANTACIDS
a10464 ASPIRIN;CALCIUM CARBONATE;MAGNESIUM ANTACIDS
a10465 ALUMINUM HYDROXIDE;ASPIRIN;MAGNESIUM ANTACIDS
a10472 ALUMINUM HYDROXIDE;CALCIUM CARBONATE;MAGNESIUM ANTACIDS
a10474 ALUMINUM HYDROXIDE-MAGNESIUM ANTACIDS
a10475 ALUMINUM HYDROXIDE;MAGNESIUM ANTACIDS;SIMETHICONE
a10530 MINERALS-MULTIVITAMIN
a10537 BENZOCAINE TOPICAL;NUTMEG OIL;PETROLATUM TOPICAL;ZINC TOPICAL AGENTS,
EXTERNAL USE
a10545 COLLOIDAL OATMEAL TOPICAL;OLIVE OIL;PETROLATUM TOPICAL
a10588 MINERAL OIL-PEANUT OIL
a10623 ASPARTAME;MANNITOL;NICOTINE;PHENYLALANINE
a10625 LIVE YEAST CELL;PHENYLMERCURIC NITRATE;SHARK LIVER OIL
a10638 PHOSPHORUS;POTASSIUM REPLACEMENT SOLUTIONS;SODIUM CHLORIDE
a10640 POTASSIUM REPLACEMENT SOLUTIONS-SODIUM CHLORIDE
a10649 GLYCERIN TOPICAL;GLYCOLIC ACID;POTASSIUM HYDROXIDE;STEARIC ACID
a10664 HP GUAR;POLYETHYLENE GLYCOL 3350;PROPYLENE GLYCOL;SODIUM BORATE
TOPICAL
a10665 AVOCADO OIL;LIQUID PARAFFIN;PROPYLENE GLYCOL;PURIFIED WATER;TROLAMINE
SALICYLATE TOPICAL
a10675 GLYCERIN TOPICAL-PROPYLENE GLYCOL
a10678 CARBOHYDRATES;MULTIVITAMIN;PROTEIN SUPPLEMENT
a10685 PEG-150;QUATERNIUM;SODIUM LAURETH-13 CARBOX;SODIUM TRIDECETH SULFATE
a10707 SOAP-WATER
a10715 MULTIVITAMIN-SODIUM FLUORIDE
a10716 ERTAPENEM;SODIUM BICARBONATE;SODIUM HYDROXIDE
a10717 CITRIC ACID;SODIUM CITRATE;SODIUM ION
a10726 POLYETHYLENE GLYCOL 3350;POTASSIUM CHLORIDE;SODIUM BICARBONATE;SODIUM
CHLORIDE;SODIUM SULFATE
a10729 ALLANTOIN TOPICAL;COAL TAR TOPICAL;SALICYLIC ACID TOPICAL;SQUALENE
a10730 HORSETAIL;MANGANESE SULFATE;STEARIC ACID
a10738 AMPICILLIN-SULBACTIN SODIUM
a10785 CALCIUM CARBONATE;CHOLECALCIFEROL;VITAMIN K
a10789 AMMONIUM CHLORIDE;ETHANOL;POTASSIUM GUAIACOLSULFONATE;WHITE PINE
SYRUP;WILD CHERRY SYRUP
a10816 BALSAM PERU TOPICAL;BENZYL BENZOATE TOPICAL;BISMUTH RESORCIN
TOPICAL;BISMUTH SUBGALLATE;ZINC TOPICAL AGENTS, EXTERNAL USE
a10826 CALAMINE TOPICAL;RESORCINOL TOPICAL;ZINC TOPICAL AGENTS, EXTERNAL USE
a10849 ASCORBIC ACID;FOLIC ACID;VITAMIN B COMPLEX
a10851 ASCORBIC ACID;CHOLECALCIFEROL;VITAMIN A;VITAMIN B COMPLEX;VITAMIN E
a10873 FOLLICLE STIMULATING HORMONE-LEUTENIZING HORMONE
a10874 CHONDROITIN;GLUCOSAMINE;HYALURONIC ACID;METHYLSULFONYLMETHANE

a10879 PENICILLIN (OBSOLETE)-PENICILLIN G BENZATHINE
a10880 ADENOSYL-TRIPHOSPHATE-METHIONINE
a10882 DOCOSAHEXAENOIC ACID;EICOSAPENTAENOIC ACID;VITAMIN E
a10893 ARGININE;GLUTAMINE;HMB
a10897 HOMATROPINE METHYL BROMIDE-HYDROCODONE
a10900 ESTRADIOL-ESTRIOL
a10903 ASCORBIC ACID;COPPER GLUCONATE;LUTEIN;VITAMIN E;ZINC
a10904 BETA-CAROTENE;BILBERRY;LUTEIN;LYCOPENE;VITAMIN E
a10915 CALCIUM ACETATE;CHOLECALCIFEROL;COPPER GLUCONATE;MAGNESIUM;ZINC
a10928 BENZONATATE-PARABENS
a10941 CITRIC ACID;COLLAGEN PROTEIN;POTASSIUM SORBATE;TRYPTOPHAN;WATER
a10947 BIFIDOBACTERIUM BIFIDUM;LACTOBACILLUS ACIDOPHILUS;LACTOBACILLUS
BULGARICUS;LACTOBACILLUS CASEI;LACTOBACILLUS RHAMNOSUS
a10950 CHORIOGONADOTROPIN ALFA;MANNITOL;ORTHOPHOSPHORIC ACID
a10956 CHLORPHENIRAMINE-HYDROCODONE POLISTIREX
a10961 BUROW'S SOLUTION;CAMPHOR TOPICAL;MENTHOL TOPICAL;PHENOL TOPICAL
a10962 BENZOCAINE TOPICAL;BUTYL AMINO BENZOATE;TETRACAINE TOPICAL
a10968 MINERAL OIL;MINERAL WAX;PETROLATUM TOPICAL;WOOLWAX ALCOHOL
a10978 DIPHTHERIA TOXOID;FILAMENTOUS HEMAGGLUTININ;PERTACTIN;PERTUSSIS,
ACELLULAR;TETANUS TOXOID
a10982 ZINC CITRATE-ZINC GLUCONATE
a10985 CALCIUM CASEINATE-WHEY
a10986 MULTIVITAMIN-WHEY
a10988 L-METHYLFOLATE;METHYLCOBALAMIN;PYRIDOXINE
a10991 CHICORY ROOT EXTRACT-LACTOBACILLUS GG
a10995 CALCIUM ACETATE-MAGNESIUM
a11000 LANOLIN ALCOHOL;MINERAL OIL;PETROLATUM TOPICAL;SODIUM CHLORIDE
a11003 ALLANTOIN TOPICAL;CALCIUM LACTATE;CHOLINE BITARTRATE;PORCINE STOMACH
a11015 ILEX-MENTHOL TOPICAL
a11020 ASCORBIC ACID;CALCIUM SULFATE;CHOLECALCIFEROL;VITAMIN A;VITAMIN E
a11027 ACETAMINOPHEN-MISCELLANEOUS ANALGESICS
a11030 CONTRACEPTIVES-NORETHINDRONE
a11031 MISCELLANEOUS UNCATEGORIZED AGENTS-PHENTOLAMINE
a11041 CIPROFLOXACIN-DEXAMETHASONE
a11042 CIPROFLOXACIN-HYDROCORTISONE
a11092 ERYTHROMYCIN-NEOMYCIN
a11126 BUPIVACAINE-LIDOCAINE
a11134 LIDOCAINE-TRIAMCINOLONE
a11137 ALUMINUM HYDROXIDE;LIDOCAINE;MAGNESIUM HYDROXIDE;SIMETHICONE
a11138 EPINEPHRINE TOPICAL;LIDOCAINE;TETRACAINE TOPICAL
a11157 METHENAMINE-SODIUM SALICYLATE
a11159 HYOSCYAMINE;METHENAMINE;METHYLENE BLUE;PHENYL SALICYLATE;SODIUM
BIPHOSPHATE
a11163 POLYMYXIN B SULFATE-TRIMETHOPRIM
a11166 DORZOLAMIDE OPHTHALMIC-TIMOLOL
a11190 ASPIRIN;CAFFEINE;CINNAMEDRINE
a11259 AMMONIUM CHLORIDE-DEXTROMETHORPHAN
a11291 CYANOCOBALAMIN;FOLIC ACID;PYRIDOXINE
a11293 BETAINE;CYANOCOBALAMIN;FOLIC ACID;PYRIDOXINE
a11294 CYANOCOBALAMIN-FOLIC ACID
a11298 FOLIC ACID;MULTIVITAMIN;SODIUM CHLORIDE;THIAMINE
a11299 FOLIC ACID;MAGNESIUM SULFATE;MULTIVITAMIN;THIAMINE
a11300 FOLIC ACID-MULTIVITAMIN

a11315 INSULIN-ININSULIN ISOPHANE (NPH)
a11325 NEOMYCIN-POLYMYXIN B SULFATE
a11328 BACITRACIN TOPICAL;NEOMYCIN;POLYMYXIN B SULFATE
a11330 BACITRACIN OPHTHALMIC;HYDROCORTISONE OPHTHALMIC;NEOMYCIN;POLYMYXIN B
SULFATE
a11331 DEXAMETHASONE OPHTHALMIC;NEOMYCIN;POLYMYXIN B SULFATE
a11332 HYDROCORTISONE OTIC;NEOMYCIN;POLYMYXIN B SULFATE
a11345 NEOMYCIN-POLYMYXIN B OPHTHALMIC
a11350 ERGOCALCIFEROL;NIACIN;RIBOFLAVIN;THIAMINE;VITAMIN A
a11351 ASCORBIC ACID;ERGOCALCIFEROL;NIACIN;PYRIDOXINE;VITAMIN A
a11354 ASCORBIC ACID;NIACIN;RIBOFLAVIN;THIAMINE;VITAMIN E
a11357 CYANOCOBALAMIN;NIACIN;PYRIDOXINE;RIBOFLAVIN;THIAMINE
a11360 DEXPANTHENOL;NIACIN;PYRIDOXINE;RIBOFLAVIN;THIAMINE
a11383 BELLADONNA-PHENOBARBITAL
a11394 BACITRACIN TOPICAL-POLYMYXIN B SULFATE
a11396 DEXAMETHASONE OPHTHALMIC;NEOMYCIN OPHTHALMIC;POLYMYXIN B SULFATE
a11406 GLUCOSE;POTASSIUM CHLORIDE;STERILE WATER
a11416 ASCORBIC ACID;VITAMIN A;VITAMIN E
a11420 CYANOCOBALAMIN;PYRIDOXINE;RIBOFLAVIN;VITAMIN A
a11421 CYANOCOBALAMIN;PYRIDOXINE;RIBOFLAVIN;THIAMINE;VITAMIN A
a11423 ERGOCALCIFEROL;PYRIDOXINE;RIBOFLAVIN;VITAMIN A
a11424 ERGOCALCIFEROL;PYRIDOXINE;RIBOFLAVIN;THIAMINE;VITAMIN A
a11429 ASCORBIC ACID;ERGOCALCIFEROL;RIBOFLAVIN;THIAMINE;VITAMIN A
a11446 ASCORBIC ACID;CYANOCOBALAMIN;PYRIDOXINE;RIBOFLAVIN;THIAMINE
a11448 CHOLINE;CYANOCOBALAMIN;INOSITOL;RIBOFLAVIN;THIAMINE
a11465 CYANOCOBALAMIN-THIAMINE
a11472 CALCIUM CARBONATE-CHOLECALCIFEROL
a11477 FLUORIDE-MULTIVITAMIN
a11479 CHONDROITIN;GLUCOSAMINE;MANGANESE SULFATE
a11484 BENZALKONIUM CHLORIDE TOPICAL;EDETATE DISODIUM;OCULAR LUBRICANT;SODIUM
CHLORIDE;SODIUM PHOSPHATE
a11493 SODIUM CHLORIDE-STERILE WATER
a11501 SODIUM BICARBONATE-SODIUM CHLORIDE NASAL
a11520 NYSTATIN-TRIAMCINOLONE
a11523 NYSTATIN TOPICAL-TRIAMCINOLONE
a11549 EDETATE DISODIUM-RIFAXIMIN
a11558 NAPHAZOLINE OPHTHALMIC-PHENIRAMINE
a11576 ANTIPYRINE OTIC-BENZOCAINE TOPICAL
a11592 ALUMINUM HYDROXIDE-SIMETHICONE
a11610 BARIUM SULFATE-BISACODYL
a11615 LANOLIN TOPICAL;MINERAL OIL;PETROLATUM TOPICAL
a11621 AMMONIUM LACTATE TOPICAL-MINERAL OIL
a11632 HEPATITIS A VACCINE (OBSOLETE)-HEPATITIS B VACCINE
a11646 DEXTRAN, LOW MOLECULAR WEIGHT-HYDROXYPROPYL METHYLCELLULOSE
OPHTHALMIC
a11648 CHLORHEXIDINE TOPICAL-ISOPROPYL ALCOHOL TOPICAL
a11654 FLUOCINOLONE TOPICAL;HYDROQUINONE TOPICAL;TRETINOIN
a11664 ALUMINUM SULFATE TOPICAL;CAMPHOR TOPICAL;LACTOBACILLUS
ACIDOPHILUS;MENTHOL TOPICAL;SALICYLIC ACID TOPICAL
a11686 ALBUMIN HUMAN-PACLITAXEL
a11689 DEXTRAN 1-METHYLCELLULOSE
a11693 AMYLASE-PAPAIN TOPICAL
a11697 NAPHAZOLINE NASAL-PHENIRAMINE
a11703 CALCIUM ACETATE-CHOLECALCIFEROL

a11705 CALCIUM ACETATE-MULTIVITAMIN
a11706 CETYLPYRIDINIUM TOPICAL-ETHANOL
a11714 MICONAZOLE TOPICAL;PETROLATUM TOPICAL;ZINC OXIDE TOPICAL
a11715 MENTHOL TOPICAL-ZINC OXIDE TOPICAL
a11717 BETAMETHASONE TOPICAL-CLOTRIMAZOLE TOPICAL
a11724 BACITRACIN TOPICAL;NEOMYCIN TOPICAL;POLYMYXIN B OPHTHALMIC
a11725 LACTIC ACID TOPICAL-VITAMIN E TOPICAL
a11730 BUDESONIDE NASAL-FORMOTEROL
a11731 CAMPHOR TOPICAL;MENTHOL TOPICAL;PETROLATUM TOPICAL
a11732 LANOLIN TOPICAL-PETROLATUM TOPICAL
a11738 CAMPHOR TOPICAL;MENTHOL TOPICAL;PHENOL TOPICAL
a11748 BACITRACIN TOPICAL-POLYMYXIN B OPHTHALMIC
a11759 CETEARETH;DIMETHICONE;GLYCERIN TOPICAL;HYALURONIC ACID
a11764 DIPHTHERIA TOXOID;PERTACTIN;TETANUS TOXOID
a11768 ACETAMINOPHEN;ETHANOL;GLYCERIN;HYDROCODONE;PARABENS
a50000 UNDETERMINED a56265 ZINC TOPICAL AGENTS, EXTERNAL
a50235 AMMONIA SPIRIT AROMATIC USE
a50770 CALCIUM REPLACEMENT a56275 ZOMEPIRAC
a50860 CANTHARIDIN a56345 VITAMIN B COMPLEX
a51030 CHERRY SYRUP a56580 POLOXAMER 188
a51185 CHOLESTEROL a56740 INTERFERON BETA
a51209 CHROMIUM a57014 ERYTHROPOIETIN
a51330 COCONUT OIL a57024 MAGNESIUM ION
a51675 DEXTROSE a57034 PHOSPHORUS
a51817 DIMETHICONE a57050 HYDROACTIVE DRESSING
a52023 ELECTROLYTES a57158 TECHNETIUM
a52395 GELATIN a57194 HYPERTONIC SALINE
a52535 HAMAMELIS WATER a57204 HEPATITIS C VACCINE
a52775 INFANT FORMULA a57210 QUERCETIN
a52885 IRON PREPARATIONS a59603 HEPATITIS VACCINE
a52968 KELP a59611 THYROID STIMULATING HORMONE
a53175 MAGNESIUM ANTACIDS a59632 DEHYDROEPIANDROSTERENE
a53298 MEGLUMINE a59717 ANDROGENS
a53315 MENINGOCOCCAL VACCINE a59812 DOMPERIDONE
a53718 MILK SOLIDS NONFAT a59813 FOLLITROPIN BETA
a53723 MINERALS a59814 FOLLITROPIN ALPHA
a53940 NITROGEN a59841 GRAPESEED
a54015 OINTMENT HYDROPHILIC a70009 HYALURONIC ACID
a54030 OLIVE OIL a70048 OIL OF EVENING PRIMROSE
a54555 PNEUMOCOCCAL VACCINE a70071 DOCOSAHEXAENOIC ACID
a54655 POTASSIUM REPLACEMENT
SOLUTIONS a70116 SOY
a54735 POTASSIUM ACIDIFYING a70203 RACEMIC EPINEPHRINE
a54922 PROTEIN SUPPLEMENT a70271 SPIRULINA
a55115 RINGERS LACTATED a70385 SILYBUM
a55218 SILICONE a70480 ALPHA LIPOICACID
a55310 SODIUM CARBONATE a70546 CARNOSINE
a55330 SODIUM FLUORIDE a70607 OXYQUINOLONE SULFATE
a55400 SODIUM SUCCINATE a70699 LYCOPENE
a55510 SUCCINLYCHOLINE a70795 L-GLUTAMINE
a55815 THYMOL a70832 OAT BRAN
a56198 VITAMIN K a70859 BOVINE COLOSTRUM
a70982 SWEET-EASE

a71008	TECHNETIUM TC 99M MERTIATIDE INJECTION	c00129	MISCELLANEOUS RESPIRATORY AGENTS
c00007	ANTIVIRAL AGENTS	c00131	ANTIASTHMATIC COMBINATIONS
c00009	CEPHALOSPORINS	c00132	UPPER RESPIRATORY COMBINATIONS
c00012	MISCELLANEOUS ANTIBIOTICS	c00135	ANTISEPTIC AND GERMICIDES
c00015	SULFONAMIDES	c00138	TOPICAL STEROIDS
c00025	MISCELLANEOUS ANTINEOPLASTICS	c00139	TOPICAL ANESTHETICS
c00027	RADIOPHARMACEUTICALS	c00140	MISCELLANEOUS TOPICAL AGENTS
c00039	MISCELLANEOUS BIOLOGICALS	c00143	TOPICAL ACNE AGENTS
c00040	CARDIOVASCULAR AGENTS	c00147	OPHTHALMIC PREPARATIONS
c00042	ANGIOTENSIN CONVERTING ENZYME INHIBITORS	c00164	OPHTHALMIC GLAUCOMA AGENTS
c00051	MISCELLANEOUS CARDIOVASCULAR AGENTS	c00169	MISCELLANEOUS OPHTHALMIC AGENTS
c00052	PERIPHERAL VASODILATORS	c00172	MISCELLANEOUS OTIC AGENTS
c00055	ANTIHYPERTENSIVE COMBINATIONS	c00174	MISCELLANEOUS ANTIHYPERLIPIDEMIC AGENTS
c00058	ANALGESICS	c00178	SKELETAL MUSCLE RELAXANTS
c00059	MISCELLANEOUS ANALGESICS	c00187	MISCELLANEOUS SEX HORMONES
c00061	NONSTEROIDAL ANTI-INFLAMMATORY AGENTS	c00193	ANTIMIGRAINE AGENTS
c00065	ANTIEMETIC;ANTIVERTIGO AGENTS	c00219	NUTRACEUTICAL PRODUCTS
c00070	MISCELLANEOUS ANXIOLYTICS, SEDATIVES AND HYPNOTICS	c00220	HERBAL PRODUCTS
c00076	MISCELLANEOUS ANTIDEPRESSANTS	c00243	LEUKOTRIENE MODIFIERS
c00082	ANTICOAGULANTS	c00248	TOPICAL EMOLLIENTS
c00085	MISCELLANEOUS COAGULATION MODIFIERS	c00254	IMMUNOLOGIC AGENTS
c00087	GASTROINTESTINAL AGENTS	c00266	MISCELLANEOUS GENITOURINARY TRACT AGENTS
c00088	ANTACIDS	c00290	TOPICAL ANTIBIOTICS
c00089	ANTICHOLINERGICS; ANTISPASMODICS	c00296	INHALED CORTICOSTEROIDS
c00090	ANTIDIARRHEALS	c00301	GLUCOCORTICIODS
c00095	LAXATIVES	c00304	MACROLIDES
c00096	MISCELLANEOUS GI AGENTS	c00363	PROBIOTICS
c00098	ADRENAL CORTICAL STEROIDS	c00402	VEGF;VEGFR INHIBITORS
c00099	ANTIDIABETIC AGENTS	c00899	PHARMACEUTICAL AID
c00100	MISCELLANEOUS HORMONES	d00001	ACYCLOVIR
c00102	CONTRACEPTIVES	d00002	AMIODARONE
c00103	THYROID DRUGS	d00003	AMPICILLIN
c00105	MISCELLANEOUS AGENTS	d00004	ATENOLOL
c00109	LOCAL INJECTABLE ANESTHETICS	d00006	CAPTOPRIL
c00110	MISCELLANEOUS UNCATEGORIZED AGENTS	d00007	CEFAZOLIN
c00115	NUTRITIONAL PRODUCTS	d00008	CEFOTAXIME
c00117	MINERALS AND ELECTROLYTES	d00009	CEFTAZIDIME
c00118	ORAL NUTRITIONAL SUPPLEMENTS	d00011	CIPROFLOXACIN
c00119	VITAMINS	d00012	CODEINE
c00123	ANTIHIISTAMINES	d00013	ENALAPRIL
c00124	ANTITUSSIVES	d00014	GENTAMICIN
c00127	DECONGESTANTS	d00015	IBUPROFEN
		d00016	LABETALOL
		d00017	MEPERIDINE
		d00018	NADOLOL
		d00019	NAPROXEN
		d00020	QUINIDINE
		d00021	RANITIDINE
		d00022	WARFARIN

d00023	ALLOPURINOL	d00097	CLARITHROMYCIN
d00024	AZATHIOPRINE	d00098	DAPSONE
d00027	HALOPERIDOL	d00099	ENOXACIN
d00028	KETOPROFEN	d00100	GRISEOFULVIN
d00031	PROBENECID	d00101	ISONIAZID
d00032	PROPRANOLOL	d00102	ITRACONAZOLE
d00033	SULINDAC	d00103	KETOCONAZOLE
d00034	ZIDOVUDINE	d00106	METHENAMINE
d00036	CYCLOPHOSPHAMIDE	d00108	METRONIDAZOLE
d00037	DOXYCYCLINE	d00110	MINOCYCLINE
d00039	INDOMETHACIN	d00112	NITROFURANTOIN
d00040	OXAZEPAM	d00114	OFLOXACIN
d00041	TETRACYCLINE	d00116	PENICILLIN
d00043	CLINDAMYCIN	d00117	PYRAZINAMIDE
d00044	CLONIDINE	d00119	SULFAMETHOXAZOLE
d00045	DILTIAZEM	d00123	TRIMETHOPRIM
d00046	ERYTHROMYCIN	d00124	SULFAMETHOXAZOLE- TRIMETHOPRIM
d00047	RIFAMPIN	d00125	VANCOMYCIN
d00048	VERAPAMIL	d00132	HYDRALAZINE
d00049	ACETAMINOPHEN	d00133	METHYLDOPA
d00050	METHADONE	d00134	METOPROLOL
d00051	NIFEDIPINE	d00135	MINOXIDIL
d00052	CEFTRIAZONE	d00136	SODIUM NITROPRUSSIDE
d00055	CEFOTETAN	d00137	PINDOLOL
d00056	CEFUROXIME	d00138	PRAZOSIN
d00057	PIPERACILLIN	d00139	TIMOLOL
d00058	CARBAMAZEPINE	d00140	CIMETIDINE
d00059	LIDOCAINE	d00141	FAMOTIDINE
d00060	METHOTREXATE	d00142	THEOPHYLLINE
d00061	LITHIUM	d00143	PHENYTOIN
d00064	CHLORPROMAZINE	d00144	NORTRIPTYLINE
d00065	FOSCARNET	d00145	DESIPRAMINE
d00067	AZTREONAM	d00146	AMITRIPTYLINE
d00068	ETHAMBUTOL	d00148	DIAZEPAM
d00069	TOBRAMYCIN	d00149	LORAZEPAM
d00070	FUROSEMIDE	d00150	COLCHICINE
d00071	FLUCONAZOLE	d00153	DICLOXACILLIN
d00072	CEFIXIME	d00154	MEBENDAZOLE
d00073	CEFPROZIL	d00155	MICONAZOLE
d00077	AMPHOTERICIN B	d00161	ACETAZOLAMIDE
d00079	CYCLOSPORINE	d00164	ADENOSINE
d00080	CEFADROXIL	d00168	ALPRAZOLAM
d00081	CEFACLOR	d00169	AMILORIDE
d00083	VALPROIC ACID	d00170	ASPIRIN
d00084	PREDNISOLONE	d00174	ATROPINE
d00086	AMANTADINE	d00175	BENZTROPINE
d00087	AMIKACIN	d00177	BLEOMYCIN
d00088	AMOXICILLIN	d00178	BROMOCRIPTINE
d00089	AMOXICILLIN-CLAVULANATE	d00179	BUMETANIDE
d00091	AZITHROMYCIN	d00180	BUPIVACAINE
d00094	CEFOXITIN	d00181	BUPROPION
d00095	CEFPODOXIME	d00182	BUSPIRONE
d00096	CEPHALEXIN		

d00184	CARBIDOPA	d00278	LEVOTHYROXINE
d00185	CARBOPLATIN	d00279	LINCOMYCIN
d00188	CHLORAMBUCIL	d00280	LOVASTATIN
d00189	CHLORDIAZEPOXIDE	d00282	MANNITOL
d00190	CHLOROTHIAZIDE	d00284	MEDROXYPROGESTERONE
d00191	CHLORPHENIRAMINE	d00285	MEFENAMIC ACID
d00192	CHLORTHALIDONE	d00286	MEFLOQUINE
d00193	CHOLESTYRAMINE	d00288	MEPROBAMATE
d00195	CISPLATIN	d00289	MERCAPTOPURINE
d00197	CLONAZEPAM	d00290	METHIMAZOLE
d00198	CLORAZEPATE	d00292	METHSUXIMIDE
d00199	CLOZAPINE	d00293	METHYLPREDNISOLONE
d00200	CROMOLYN	d00297	METIPRANOLOL OPTHALMIC
d00206	DEXAMETHASONE	d00298	METOCLOPRAMIDE
d00207	DEXTROMETHORPHAN	d00299	METOLAZONE
d00209	DIGITOXIN	d00300	MEXILETINE
d00210	DIGOXIN	d00301	MIDAZOLAM
d00211	DIHYDROERGOTAMINE	d00303	MISOPROSTOL
d00212	DIPHENHYDRAMINE	d00305	MITOMYCIN
d00213	DIPYRIDAMOLE	d00308	MORPHINE
d00215	DOBUTAMINE	d00310	NABUMETONE
d00216	DOPAMINE	d00311	NALOXONE
d00217	DOXEPIN	d00312	NEOMYCIN
d00218	DOXORUBICIN	d00314	NIACIN
d00223	EPOETIN ALFA	d00315	NICARDIPINE
d00224	ESMOLOL	d00316	NICOTINE
d00227	ETHOSUXIMIDE	d00321	NITROGLYCERIN
d00230	ETOPOSIDE	d00322	NIZATIDINE
d00231	FELODIPINE	d00323	NOREPINEPHRINE
d00233	FENTANYL	d00325	OMEPRAZOLE
d00234	FLECAINIDE	d00328	OXYBUTYNIN
d00235	FLUOROURACIL	d00329	OXYCODONE
d00236	FLUOXETINE	d00334	PENTAZOCINE
d00237	FLUPHENAZINE	d00336	PENTOXIFYLLINE
d00238	FLURAZEPAM	d00337	PHENAZOPYRIDINE
d00241	FOLIC ACID	d00340	PHENOBARBITAL
d00242	FOSINOPRIL	d00343	PIROXICAM
d00245	GEMFIBROZIL	d00344	POLYMYXIN B SULFATE
d00246	GLIPIZIDE	d00345	POTASSIUM CHLORIDE
d00248	GLYBURIDE	d00346	POVIDONE IODINE TOPICAL
d00252	HEPARIN	d00348	PRAVASTATIN
d00253	HYDROCHLOROTHIAZIDE	d00350	PREDNISONE
d00254	HYDROCORTISONE	d00352	PRIMIDONE
d00255	HYDROMORPHONE	d00355	PROCHLORPERAZINE
d00259	IMIPRAMINE	d00358	PROPAFENONE
d00260	INDAPAMIDE	d00360	PROPOXYPHENE
d00262	INSULIN	d00363	PYRIDOSTIGMINE
d00265	IPRATROPIUM	d00365	QUINAPRIL
d00268	ISOSORBIDE DINITRATE	d00370	OCTREOTIDE
d00269	ISOSORBIDE MONONITRATE	d00371	SOTALOL
d00270	ISRADIPINE	d00373	SPIRONOLACTONE
d00272	KETAMINE	d00377	SUCRALFATE
d00273	KETOROLAC	d00379	SULFASALAZINE
d00275	LEUCOVORIN	d00381	TAMOXIFEN

d00384	TEMAZEPAM	d00601	PAMIDRONATE
d00386	TERAZOSIN	d00604	CORTICOTROPIN
d00391	THIOTHIXENE	d00608	FLUDROCORTISONE
d00395	TRAZODONE	d00609	CORTISONE
d00396	TRIAMTERENE	d00620	TRIAMCINOLONE
d00397	TRIAZOLAM	d00626	DEXAMETHASONE TOPICAL
d00399	VECURONIUM	d00628	BETAMETHASONE
d00402	VITAMIN A	d00640	METHAZOLAMIDE
d00405	VITAMIN E	d00643	METHYLCLOTHIAZIDE
d00409	RIBOFLAVIN	d00649	ETHACRYNIC ACID
d00412	PYRIDOXINE	d00651	UREA TOPICAL
d00413	CYANOCOBALAMIN	d00652	GLYCERIN
d00417	BIOFLAVONOIDS	d00653	ISOSORBIDE
d00425	CALCIUM CARBONATE	d00655	THYROID DESICCATED
d00426	ASCORBIC ACID	d00658	LIOTHYRONINE
d00428	FLUORIDE	d00683	LIDOCAINE TOPICAL
d00438	SODIUM CHLORIDE	d00689	AMLODIPINE
d00440	SODIUM BICARBONATE	d00699	EPINEPHRINE
d00468	MAGNESIUM SULFATE	d00700	EPHEDRINE
d00475	SODIUM PHOSPHATE	d00704	PHENYLEPHRINE
d00485	IODINE TOPICAL	d00708	CARTEOLOL
d00488	LYSINE	d00709	BISOPROLOL
d00491	LEVOCARNITINE	d00717	GUANFACINE
d00496	INOSITOL	d00726	DOXAZOSIN
d00497	OMEGA-3 POLYUNSATURATED FATTY ACIDS	d00728	RAMIPRIL
d00512	FILGRASTIM	d00730	BENZAEPRIIL
d00514	TICLOPIDINE	d00732	LISINOPRIL
d00521	ALTEPLASE	d00733	PHENTOLAMINE
d00525	ANTIHEMOPHILIC FACTOR (OBSOLETE)	d00743	SODIUM POLYSTYRENE SULFONATE
d00528	AMINOCAPROIC ACID	d00744	COLESTIPOL
d00529	TRANEXAMIC ACID	d00746	SIMVASTATIN
d00537	ESTRADIOL	d00749	ALBUTEROL
d00541	CONJUGATED ESTROGENS	d00752	TERBUTALINE
d00543	ESTROPIPATE	d00755	PIRBUTEROL
d00550	PROGESTERONE	d00758	AMINOPHYLLINE
d00554	HYDROXYPROGESTERONE	d00760	BECLOMETHASONE
d00555	NORETHINDRONE	d00762	ACETYLCYSTEINE
d00557	LEVONORGESTREL	d00769	PSEUDOEPHEDRINE
d00558	TESTOSTERONE	d00771	NAPHAZOLINE OPHTHALMIC
d00563	FINASTERIDE	d00772	OXYMETAZOLINE NASAL
d00569	CLOMIPHENE	d00773	TETRAHYDROZOLINE OPHTHALMIC
d00572	CHORIONIC GONADOTROPIN (HCG)	d00775	ALPHA 1-PROTEINASE INHIBITOR
d00577	SOMATROPIN	d00782	PYRILAMINE
d00578	ARGININE	d00785	BROMPHENIRAMINE
d00583	DESMOPRESSIN	d00786	TRIPROLIDINE
d00584	OXYTOCIN	d00787	PROMETHAZINE
d00587	METHYLERGONOVINE	d00790	CYPROHEPTADINE
d00589	DINOPROSTONE TOPICAL	d00796	BENZONATATE
d00593	GLUCAGON	d00797	GUAIFENESIN
d00595	GLUCOSE	d00801	CAFFEINE
d00598	CALCITONIN	d00803	AMPHETAMINE
		d00804	DEXTROAMPHETAMINE

d00806	PHENTERMINE	d01013	SENNA
d00813	BENZOCAINE TOPICAL	d01015	BISACODYL
d00817	HYDROXYCHLOROQUINE	d01017	POLYCARBOPHIL
d00824	OPIUM	d01018	PSYLLIUM
d00833	OXYMORPHONE	d01019	MINERAL OIL
d00838	BUTORPHANOL	d01021	DOCUSATE
d00839	NALBUPHINE	d01023	POLYETHYLENE GLYCOL 3350 WITH ELECTROLYTES
d00840	BUPRENORPHINE	d01024	LACTULOSE
d00842	SALSALATE	d01025	LOPERAMIDE
d00843	SODIUM SALICYLATE	d01026	BISMUTH SUBSALICYLATE
d00848	DICLOFENAC	d01027	SIMETHICONE
d00851	ETODOLAC	d01028	CHARCOAL
d00853	OXAPROZIN	d01031	MESALAMINE
d00855	PERPHENAZINE	d01068	DEMECLOCYCLINE
d00859	MECLIZINE	d01070	OXYTETRACYCLINE
d00861	DIMENHYDRINATE	d01105	IODOQUINOL
d00862	TRIMETHOBENZAMIDE	d01115	BACITRACIN
d00866	DRONABINOL	d01120	ATOVAQUONE
d00867	ONDANSETRON	d01123	PYRANTEL
d00876	CLOMIPRAMINE	d01128	METHYLENE BLUE
d00880	SERTRALINE	d01133	IMMUNE GLOBULIN INTRAVENOUS
d00883	PHENELZINE	d01135	IMMUNE GLOBULIN INTRAMUSCULAR
d00884	TRANLYCYPROMINE	d01137	TETANUS IMMUNE GLOBULIN
d00890	TRIFLUOPERAZINE	d01139	RHO (D) IMMUNE GLOBULIN
d00897	LOXAPINE	d01147	RABIES VACCINE (OBSOLETE)
d00898	PIMOZIDE	d01148	RABIES IMMUNE GLOBULIN, HUMAN
d00900	METHYLPHENIDATE	d01150	BCG
d00907	HYDROXYZINE	d01156	TYPHOID VACCINE, INACTIVATED
d00910	ZOLPIDEM	d01158	HAEMOPHILUS B CONJUGATE VACCINE (OBSOLETE)
d00915	ESTAZOLAM	d01163	POLIOVIRUS VACCINE, INACTIVATED
d00923	BUTABARBITAL	d01164	INFLUENZA VIRUS VACCINE, INACTIVATED
d00931	ETOMIDATE	d01166	HEPATITIS B VACCINE (OBSOLETE)
d00933	PROPOFOL	d01168	TETANUS TOXOID
d00934	NITROUS OXIDE	d01171	TUBERCULIN PURIFIED PROTEIN DERIVATIVE
d00960	CARISOPRODOL	d01185	APRACLONIDINE OPHTHALMIC
d00962	CHLORZOXAZONE	d01187	LEVOBUNOLOL OPHTHALMIC
d00963	CYCLOBENZAPRINE	d01189	CARBACHOL OPHTHALMIC
d00964	METAXALONE	d01191	PILOCARPINE OPHTHALMIC
d00965	METHOCARBAMOL	d01199	HOMATROPINE OPHTHALMIC
d00966	ORPHENADRINE	d01200	TROPICAMIDE OPHTHALMIC
d00967	BACLOFEN	d01201	CYCLOPENTOLATE OPHTHALMIC
d00970	TRIHENXYPHENIDYL	d01208	SULFACETAMIDE SODIUM OPHTHALMIC
d00978	ALUMINUM HYDROXIDE	d01215	TRIFLURIDINE OPHTHALMIC
d00982	MAGNESIUM HYDROXIDE	d01217	TETRACAINE
d00985	HYOSCYAMINE	d01218	PROPARACAINE OPHTHALMIC
d00986	SCOPOLAMINE	d01219	FLUORESCEIN OPHTHALMIC
d00988	BELLADONNA	d01225	BORIC ACID TOPICAL
d00992	GLYCOPYRROLATE		
d00999	DICYCLOMINE		
d01002	PANCRELIPASE		
d01003	PANCREATIN		
d01005	URSODIOL		
d01008	MAGNESIUM CITRATE		
d01012	PHENOLPHTHALEIN		

d01226	HYDROXYPROPYL METHYLCELLULOSE OPHTHALMIC	d01354	GOSERELIN
d01227	BOTULINUM TOXIN TYPE A (OBSOLETE)	d01373	HYDROXYUREA
d01231	CHLORHEXIDINE TOPICAL	d01376	PACLITAXEL
d01232	CARBAMIDE PEROXIDE TOPICAL	d01383	SODIUM TETRADECYL SULFATE
d01233	NYSTATIN	d01385	BETA-CAROTENE
d01234	BUTOCONAZOLE TOPICAL	d01387	ALPROSTADIL
d01238	TERCONAZOLE TOPICAL	d01389	DISULFIRAM
d01241	CLINDAMYCIN TOPICAL	d01393	HYALURONIDASE
d01244	TRETINOIN TOPICAL	d01395	CHLOROPROCAINE
d01245	ISOTRETINOIN	d01396	PRILOCAINE
d01246	BENZOYL PEROXIDE TOPICAL	d01398	MEPIVACAINE
d01257	NITROFURAZONE TOPICAL	d01406	NALTREXONE
d01259	SILVER SULFADIAZINE TOPICAL	d01407	FLUMAZENIL
d01265	SULFACETAMIDE SODIUM TOPICAL	d01423	POTASSIUM CITRATE
d01267	MUPIROCIN TOPICAL	d01427	BETHANECHOL
d01271	ECONAZOLE TOPICAL	d01445	BARIUM SULFATE
d01272	CICLOPIROX TOPICAL	d01451	GADOPENTETATE DIMEGLUMINE
d01277	NAFTIFINE TOPICAL	d01456	IOHEXOL
d01278	LINDANE TOPICAL	d01461	IOPAMIDOL
d01279	PERMETHRIN TOPICAL	d01469	IOVERSOL
d01282	ALCLOMETASONE TOPICAL	d01473	DIATRIZOATE
d01288	CLOBETASOL TOPICAL	d02375	PLASMA PROTEIN FRACTION
d01289	CLOCORTOLONE TOPICAL	d02376	ALBUMIN HUMAN
d01290	DESONIDE TOPICAL	d02377	DEXTRAN-1
d01291	DESOXIMETASONE TOPICAL	d03007	MEASLES;MUMPS;RUBELLA VIRUS VACCINE
d01292	DIFLORASONE TOPICAL	d03041	ENOXAPARIN
d01293	FLUOCINOLONE TOPICAL	d03050	LORATADINE
d01294	FLUOCINONIDE TOPICAL	d03052	HYDROCHLOROTHIAZIDE- TRIAMTERENE
d01295	FLURANDRENOLIDE TOPICAL	d03054	AMYLASE
d01296	FLUTICASONE	d03061	BUTALBITAL
d01297	HALCINONIDE TOPICAL	d03066	CITRIC ACID
d01298	HALOBETASOL TOPICAL	d03071	DIPHENOXYLATE
d01301	DIBUCAINE TOPICAL	d03075	HYDROCODONE
d01303	PRAMOXINE TOPICAL	d03077	ISOMETHEPTENE MUCATE
d01305	DYCLONINE TOPICAL	d03080	LIPASE
d01306	COCAINE TOPICAL	d03098	SODIUM CITRATE
d01307	SALICYLIC ACID TOPICAL	d03110	DIPHTH;PERTUSSIS, ACEL;TETANUS (OBSOLETE)
d01309	PODOFILOX TOPICAL	d03112	NEDOCROMIL
d01313	TRICHLOROACETIC ACID TOPICAL	d03126	CALCITRIOL
d01319	HYDROQUINONE TOPICAL	d03128	ERGOCALCIFEROL
d01321	CAPSAICIN TOPICAL	d03129	CHOLECALCIFEROL
d01322	ALUMINUM CHLORIDE HEXAHYDRATE TOPICAL	d03130	THIAMINE
d01323	MONOBENZONE TOPICAL	d03135	PHYTONADIONE
d01325	ARNICA TOPICAL	d03137	CALCIUM-VITAMIN D
d01333	BENZALKONIUM CHLORIDE TOPICAL	d03140	MULTIVITAMIN
d01335	SODIUM HYPOCHLORITE TOPICAL	d03141	MULTIVITAMIN WITH IRON
d01348	MEGESTROL	d03145	MULTIVITAMIN WITH MINERALS
d01353	LEUPROLIDE	d03148	MULTIVITAMIN, PRENATAL
		d03154	DOXYLAMINE
		d03157	PAROXETINE

d03158	RIMANTADINE	d03264	HYDROCHLOROTHIAZIDE- METOPROLOL
d03160	SUMATRIPTAN	d03265	BENAZEPRIL- HYDROCHLOROTHIAZIDE
d03162	ETHANOL	d03266	HYDROCHLOROTHIAZIDE- LISINAPRIL
d03165	PIPERACILLIN-TAZOBACTAM	d03292	IBUPROFEN-PSEUDOEPHEDRINE
d03170	FELBAMATE	d03297	ACETAMINOPHEN- PHENYLTOLOXAMINE
d03171	GRANISETRON	d03298	CHLORPHENIRAMINE- PSEUDOEPHEDRINE
d03180	RISPERIDONE	d03301	BROMPHENIRAMINE- PSEUDOEPHEDRINE
d03181	VENLAFAXINE	d03302	BROMPHENIRAMINE- PHENYLPROPANOLAMINE
d03182	GABAPENTIN	d03316	PSEUDOEPHEDRINE-TRIPROLDINE
d03183	FLUVASTATIN	d03317	PHENYLEPHRINE-PROMETHAZINE
d03189	TORSEMIDE	d03318	PHENIRAMINE;PPA;PYRILAMINE
d03190	OXICONAZOLE TOPICAL	d03320	ACETAMINOPHEN; CHLORPHENIRAMINE;PSE
d03191	TERBINAFINE TOPICAL	d03340	HOMATROPINE-HYDROCODONE
d03192	ZINC OXIDE TOPICAL	d03347	ACETAMINOPHEN;CHLOR- PHENIRAMINE;DM;PSE
d03193	AMILORIDE- HYDROCHLOROTHIAZIDE	d03353	HYDROCODONE- PHENYLPROPANOLAMINE
d03195	MICONAZOLE TOPICAL	d03356	CHLORPHENIRAMINE- HYDROCODONE
d03197	BETAMETHASONE TOPICAL	d03357	CODEINE-PROMETHAZINE
d03200	ERYTHROMYCIN TOPICAL	d03360	DEXTROMETHORPHAN- PROMETHAZINE
d03202	KETOCONAZOLE TOPICAL	d03364	CODEINE;PHENYLEPHRINE; PROMETHAZINE
d03203	MINOXIDIL TOPICAL	d03368	BROMPHENIRAMINE; DEXTROMETHORPHAN;PSE
d03204	FLUOROURACIL TOPICAL	d03372	BROMPHENIRAMINE; DEXTROMETHORPHAN;PPA
d03205	HYDROCORTISONE TOPICAL	d03379	GUAIFENESIN-PSEUDOEPHEDRINE
d03206	TRIAMCINOLONE TOPICAL	d03381	GUAIFENESIN-PHENYLEPHRINE
d03208	METRONIDAZOLE TOPICAL	d03388	ETHINYL ESTRADIOL-ETHYNODIOL
d03210	SELENIUM SULFIDE TOPICAL	d03392	CHLORPHENIRAMINE; GUAIFENESIN;PHENYLEPHRINE
d03211	CIPROFLOXACIN OPHTHALMIC	d03393	CODEINE-GUAIFENESIN
d03214	KETOROLAC OPHTHALMIC	d03398	CODEINE;GUAIFENESIN; PSEUDOEPHEDRINE
d03220	FLURBIPROFEN OPHTHALMIC	d03400	DEXTROMETHORPHAN- GUAIFENESIN
d03221	PREDNISOLONE OPHTHALMIC	d03404	GUAIFENESIN;HYDROCODONE; PSEUDOEPHEDRINE
d03222	TOBRAMYCIN OPHTHALMIC	d03409	DEXTROMETHORPHAN; GUAIFENESIN; PSEUDOEPHEDRINE
d03225	PREDNICARBATE TOPICAL	d03411	DEXTROMETHORPHAN; GUAIFENESIN;PPA
d03226	SALIVA SUBSTITUTES	d03423	ACETAMINOPHEN-CODEINE
d03227	FLUOROMETHOLONE OPHTHALMIC		
d03230	TYLOXAPOL OPHTHALMIC		
d03238	ETHINYL ESTRADIOL- NORETHINDRONE		
d03241	ETHINYL ESTRADIOL-NORGESTREL		
d03242	ETHINYL ESTRADIOL- LEVONORGESTREL		
d03244	CONJUGATED ESTROGENS- METHYLTESTOSTERONE		
d03245	ESTERIFIED ESTROGENS- METHYLTESTOSTERONE		
d03247	HYDROCHLOROTHIAZIDE- SPIRONOLACTONE		
d03256	HYDRALAZINE;HYDRO- CHLOROTHIAZIDE;RESERPINE		
d03257	HYDRALAZINE- HYDROCHLOROTHIAZIDE		
d03258	ATENOLOL-CHLORTHALIDONE		
d03260	HYDROCHLOROTHIAZIDE-TIMOLOL		
d03261	HYDROCHLOROTHIAZIDE- PROPRANOLOL		

d03425 ACETAMINOPHEN;
BUTALBITAL;CAFFEINE;CODEINE
d03428 ACETAMINOPHEN-HYDROCODONE
d03431 ACETAMINOPHEN-OXYCODONE
d03432 ASPIRIN-OXYCODONE
d03436 BELLADONNA-OPIUM
d03439 ACETAMINOPHEN;ASPIRIN;
CAFFEINE
d03445 ACETAMINOPHEN-
DIPHENHYDRAMINE
d03455 ACETAMINOPHEN;BUTALBITAL;
CAFFEINE
d03456 ACETAMINOPHEN-BUTALBITAL
d03457 ASPIRIN;BUTALBITAL;CAFFEINE
d03459 APAP;DICHLORALPHENAZONE;
ISOMETHEPTENE
d03473 CARBIDOPA-LEVODOPA
d03474 ALUMINUM HYDROXIDE-
MAGNESIUM HYDROXIDE
d03478 AL HYDROXIDE;MG
HYDROXIDE;SIMETHICONE
d03485 ATROPINE;HYOSCYAMINE;
PB;SCOPOLAMINE
d03492 CHLORDIAZEPOXIDE-CLIDINIUM
d03496 DOCUSATE-SENNA
d03498 CASANTHRANOL-DOCUSATE
d03506 ATROPINE-DIPHENOXYLATE
d03509 ERYTHROMYCIN-SULFISOXAZOLE
d03521 CYCLOPENTOLATE-
PHENYLEPHRINE OPHTHALMIC
d03523 HYDROXYAMPHETAMINE-
TROPICAMIDE OPHTHALMIC
d03524 BACITRACIN;NEOMYCIN;
POLYMYXIN B TOPICAL
d03525 GRAMICIDIN;NEOMYCIN;
POLYMYXIN B OPHTHALMIC
d03536 DEXAMETHASONE-TOBRAMYCIN
OPHTHALMIC
d03546 HYDROCORTISONE-PRAMOXINE
TOPICAL
d03552 CLIOQUINOL-HYDROCORTISONE
TOPICAL
d03555 HYDROCORTISONE-NEOMYCIN
TOPICAL
d03561 BETAMETHASONE-CLOTRIMAZOLE
TOPICAL
d03562 NYSTATIN-TRIAMCINOLONE
TOPICAL
d03569 CARBINOXAMINE
d03570 CARBINOXAMINE-
PSEUDOEPHEDRINE
d03593 CALCIUM CARBONATE-MAGNESIUM
CARBONATE
d03600 POTASSIUM BICARBONATE
d03618 HYOSCYAMINE;METHENAM;M-
BLUE;PHENYL SALICYL
d03623 ACETIC ACID TOPICAL
d03627 ANTIPYRINE-BENZOCAINE OTIC
d03640 BUDESONIDE NASAL
d03641 PETROLATUM TOPICAL
d03644 LACTOBACILLUS ACIDOPHILUS
d03646 LACTOBACILLUS ACIDOPHILUS AND
BULGARICUS
d03647 ISOPROPYL ALCOHOL TOPICAL
d03649 BENZOIN TOPICAL
d03650 CANDIDA ALBICANS EXTRACT
d03652 COLCHICINE-PROBENECID
d03653 CALAMINE TOPICAL
d03655 LIDOCAINE-PRILOCAINE TOPICAL
d03656 ETHYL CHLORIDE TOPICAL
d03663 LECITHIN
d03664 PHENOL TOPICAL
d03665 MENTHOL TOPICAL
d03667 METHACHOLINE
d03668 METHYL SALICYLATE TOPICAL
d03669 MENTHOL-METHYL SALICYLATE
TOPICAL
d03680 ASPIRIN;CITRIC ACID;SODIUM
BICARBONATE
d03684 THROMBIN TOPICAL
d03689 CALCIUM ACETATE
d03690 ALUMINUM SULFATE-CALCIUM
ACETATE TOPICAL
d03692 BENZYL PENICILLOYL-POLYLYSINE
d03702 SULFUR TOPICAL
d03703 COAL TAR TOPICAL
d03707 ALOE VERA TOPICAL
d03713 CAMPHOR-PHENOL TOPICAL
d03740 ENALAPRIL-
HYDROCHLOROTHIAZIDE
d03744 BISOPROLOL
-HYDROCHLOROTHIAZIDE
d03752 TACROLIMUS
d03756 BACITRACIN TOPICAL
d03759 SALMETEROL
d03761 LANOLIN TOPICAL
d03766 ROCURONIUM
d03768 OCULAR LUBRICANT
d03770 EMOLLIENTS, TOPICAL
d03774 DOXEPIN TOPICAL
d03775 FAMCICLOVIR
d03781 ETHINYL ESTRADIOL-
NORGESTIMATE
d03782 DESOGESTREL-ETHINYL
ESTRADIOL
d03783 BUPIVACAINE-EPINEPHRINE

d03784	EPINEPHRINE-LIDOCAINE	d03927	BACITRACIN OPHTHALMIC
d03788	CALCIPOTRIENE TOPICAL	d03940	BENZOCAINE- DEXTROMETHORPHAN
d03790	POTASSIUM PHOSPHATE	d03952	CITRIC ACID-SODIUM CITRATE
d03796	MAGNESIUM CHLORIDE	d03953	ELECTROLYTE REPLACEMENT SOLUTIONS, ORAL
d03797	MAGNESIUM OXIDE	d03962	POTASSIUM BICARBONATE- POTASSIUM CITRATE
d03798	MAGNESIUM GLUCONATE	d03968	DEXAMETHASONE OPHTHALMIC
d03804	FLUVOXAMINE	d03973	ERYTHROMYCIN OPHTHALMIC
d03805	DORZOLAMIDE OPHTHALMIC	d03974	GENTAMICIN OPHTHALMIC
d03806	ALBENDAZOLE	d03975	GLYCERIN OPHTHALMIC
d03807	METFORMIN	d03976	HYDROCORTISONE OTIC
d03808	NEFAZODONE	d03977	OFLOXACIN OPHTHALMIC
d03809	LAMOTRIGINE	d03981	TETRACAINE OPHTHALMIC
d03817	CALCIUM GLUBIONATE	d03982	TETRACAINE TOPICAL
d03818	LORATADINE-PSEUDOEPHEDRINE	d03984	RITONAVIR
d03819	CONJUGATED ESTROGENS- MEDROXYPROGESTERONE	d03986	GANCICLOVIR OPHTHALMIC
d03820	HEPATITIS A VACCINE (OBSOLETE)	d03990	CARBAMIDE PEROXIDE OTIC
d03821	LOSARTAN	d03994	COLLOIDAL OATMEAL TOPICAL
d03822	FERROUS GLUCONATE	d03998	STERILE WATER
d03823	IRON POLYSACCHARIDE	d04003	HYDROGEN PEROXIDE TOPICAL
d03824	FERROUS SULFATE	d04008	TRANDOLAPRIL
d03825	NISOLDIPINE	d04009	DOCETAXEL
d03826	TRAMADOL	d04010	GEMCITABINE
d03827	CETIRIZINE	d04011	INTERFERON BETA-1A
d03828	LANSOPRAZOLE	d04012	TERBINAFINE
d03829	AMLODIPINE-BENAZEPRIL	d04015	ADAPALENE TOPICAL
d03830	HYDROCHLOROTHIAZIDE- LOSARTAN	d04016	IODIXANOL
d03832	VARICELLA VIRUS VACCINE	d04017	LATANOPROST OPHTHALMIC
d03833	DIVALPROEX SODIUM	d04025	MIRTAZAPINE
d03836	ACITRETIN	d04026	IRINOTECAN
d03838	VALACYCLOVIR	d04027	MEROPENEM
d03839	MYCOPHENOLATE MOFETIL	d04029	NEVIRAPINE
d03847	CARVEDILOL	d04032	SULFACETAMIDE SODIUM-SULFUR TOPICAL
d03848	AZELAIC ACID TOPICAL	d04035	AMPHETAMINE- DEXTROAMPHETAMINE
d03849	ALENDRONATE	d04037	TIMOLOL OPHTHALMIC
d03850	BICALUTAMIDE	d04038	BETAXOLOL OPHTHALMIC
d03857	BENZOYL PEROXIDE- ERYTHROMYCIN TOPICAL	d04040	FEXOFENADINE
d03858	LAMIVUDINE	d04041	FOSPHENYTOIN
d03862	MAGNESIUM AMINO ACIDS CHELATE	d04043	FOLLICLE STIMULATING HORMONE
d03864	GLIMEPIRIDE	d04047	MIDODRINE
d03866	CALCIUM CITRATE	d04048	BRIMONIDINE OPHTHALMIC
d03871	IBUTILIDE	d04049	AMMONIUM LACTATE TOPICAL
d03873	ANASTROZOLE	d04050	OLANZAPINE
d03882	CEFEPIME	d04052	PENTOSAN POLYSULFATE SODIUM
d03884	TROLAMINE SALICYLATE TOPICAL	d04053	ZAFIRLUKAST
d03894	KAOLIN-PECTIN	d04054	PENCICLOVIR TOPICAL
d03895	SINCALIDE	d04057	ZINC SULFATE
d03897	LACTASE	d04058	MELATONIN
d03898	SODIUM CHLORIDE, HYPERTONIC, OPHTHALMIC	d04063	BUTENAFINE TOPICAL
d03922	ACETAMINOPHEN-CAFFEINE	d04065	TRANDOLAPRIL-VERAPAMIL

d04066	ALBUTEROL-IPRATROPIUM	d04249	CELLULOSE
d04068	AZELASTINE NASAL	d04253	ZOLMITRIPTAN
d04090	LACTIC ACID TOPICAL	d04255	RITUXIMAB
d04093	HYDROCORTISONE-IODOQUINOL TOPICAL	d04256	CEFDINIR
d04099	DONEPEZIL	d04258	CLOPIDOGREL
d04101	IVERMECTIN	d04261	RALOXIFENE
d04102	TIZANIDINE	d04267	REPAGLINIDE
d04105	ATORVASTATIN	d04270	FEXOFENADINE- PSEUDOEPHEDRINE
d04106	FOSFOMYCIN	d04271	DICLOFENAC-MISOPROSTOL
d04107	AMLEXANOX TOPICAL	d04272	AMOXICILLIN;CLARITHROMYCIN; LANSOPRAZOLE
d04109	LEVOFLOXACIN	d04274	FOMEPIZOLE
d04111	GLATIRAMER	d04275	BECLOMETHASONE NASAL
d04112	CABERGOLINE	d04276	BUDESONIDE
d04113	VALSARTAN	d04279	FLUNISOLIDE NASAL
d04115	TOPIRAMATE	d04283	FLUTICASON NASAL
d04117	OLOPATADINE OPHTHALMIC	d04284	FLUTICASON TOPICAL
d04121	TAMSULOSIN	d04285	NARATRIPTAN
d04125	IMIQUIMOD TOPICAL	d04286	FENOFIBRATE
d04126	ANAGRELIDE	d04287	CIPROFLOXACIN OTIC
d04134	POLYMYXIN B OPHTHALMIC	d04288	CIPROFLOXACIN- HYDROCORTISONE OTIC
d04138	TAZAROTENE TOPICAL	d04289	MONTELUKAST
d04142	CHROMIUM PICOLINATE	d04292	LOTEPREDNOL OPHTHALMIC
d04144	GRAMICIDIN OPHTHALMIC	d04293	HYDROCHLOROTHIAZIDE- VALSARTAN
d04145	PRAMIPEXOLE	d04294	TOLTERODINE
d04156	LETROZOLE	d04298	PHENYLEPHRINE TOPICAL
d04159	SORBITOL	d04299	SILDENAFIL
d04160	SODIUM BIPHOSPHATE-SODIUM PHOSPHATE	d04300	RISEDRONATE
d04168	ACETAMINOPHEN; DIPHENHYDRAMINE; PSEUDOEPHEDRINE	d04301	BRINZOLAMIDE OPHTHALMIC
d04186	PHENYLEPHRINE NASAL	d04311	CAPECITABINE
d04195	CHLOROPHYLLIN	d04312	PARICALCITOL
d04196	BACITRACIN;HC; NEOMYCIN;POLYMYXIN B TOPICAL	d04315	TIROFIBAN
d04197	HYDROCORTISONE;NEOMYCIN; POLYMYXIN B TOPICAL	d04317	DIPHThERIA TOXOID
d04208	SILVER NITRATE TOPICAL	d04318	PERTUSSIS, ACELLULAR
d04209	METHOXSALEN TOPICAL	d04322	CANDESARTAN
d04215	ROPINIROLE	d04328	RIZATRIPTAN
d04220	QUETIAPINE	d04329	SODIUM HYALURONATE
d04222	IRBESARTAN	d04332	CITALOPRAM
d04223	MOMETASONE NASAL	d04342	INFLIXIMAB
d04225	HYDROCODONE-IBUPROFEN	d04344	ROTAVIRUS VACCINE
d04228	ACETIC ACID OTIC	d04349	LEFLUNOMIDE
d04233	TRIAMCINOLONE NASAL	d04355	EFAVIRENZ
d04240	HYLAN G-F 20	d04357	TRASTUZUMAB
d04242	SODIUM CHLORIDE NASAL	d04362	COPPER GLUCONATE
d04245	HYDROCHLOROTHIAZIDE- IRBESARTAN	d04363	SEVELAMER
d04248	METHYLCELLULOSE	d04364	TELMISARTAN
		d04365	ETANERCEPT
		d04369	INSULIN REGULAR
		d04370	INSULIN ISOPHANE (NPH)

d04374	INSULIN ISOPHANE-INSULIN REGULAR	d04523	UBIQUINONE
d04375	ESTRADIOL-NORETHINDRONE	d04527	ZONISAMIDE
d04376	ABACAVIR	d04530	STRONTIUM-89 CHLORIDE
d04377	THYROTROPIN ALFA	d04532	MELOXICAM
d04378	MODAFINIL	d04534	LINEZOLID
d04380	CELECOXIB	d04537	RIVASTIGMINE
d04382	CILOSTAZOL	d04538	INSULIN GLARGINE
d04387	SODIUM FERRIC GLUCONATE COMPLEX	d04539	FOSINOPRIL- HYDROCHLOROTHIAZIDE
d04395	CLOTRIMAZOLE TOPICAL	d04541	AZELASTINE OPHTHALMIC
d04397	FLUORIDE TOPICAL	d04547	ATOVAQUONE-PROGUANIL
d04399	NYSTATIN TOPICAL	d04557	CLOBAZAM
d04400	DIMETHYL SULFOXIDE TOPICAL	d04572	FORMOTEROL
d04405	CLAVULANATE	d04597	TETRABENAZINE
d04411	GARLIC	d04611	FLUTICASONE-SALMETEROL
d04412	GINSENG	d04654	DOXYLAMINE-PYRIDOXINE
d04413	GINKGO	d04674	DIPHTH;HAEMOPHILUS; PERTUSSIS;TETANUS;POLIO
d04416	VALERIAN	d04675	DIPHThERIA;PERTUSSIS, ACEL;TETANUS;POLIO
d04417	CREATINE	d04695	COLESEVELAM
d04418	GLUCOSAMINE	d04697	INSULIN ASPART
d04419	CHONDROITIN	d04700	BALSALAZIDE
d04420	CHONDROITIN-GLUCOSAMINE	d04702	DOCOSANOL TOPICAL
d04427	LEVALBUTEROL	d04703	GLYBURIDE-METFORMIN
d04432	CARBONYL IRON	d04704	EFLORNITHINE TOPICAL
d04434	ROSIGLITAZONE	d04708	ZOLEDRONIC ACID
d04441	KETOTIFEN OPHTHALMIC	d04719	COAGULATION FACTOR VIIA
d04442	PIOGLITAZONE	d04722	DICLOFENAC TOPICAL
d04446	PHENYLEPHRINE-PYRILAMINE	d04723	CALCIUM CARBONATE;FAMOTIDINE; MG HYDROXIDE
d04447	GANIRELIX	d04726	5-HYDROXYTRYPTOPHAN
d04448	RABEPRAZOLE	d04737	HYDROCHLOROTHIAZIDE- TELMISARTAN
d04451	TEMOZOLOMIDE	d04739	RIMABOTULINUMTOXINB
d04452	ZALEPLON	d04740	TACROLIMUS TOPICAL
d04453	SIROLIMUS	d04742	BENZOYL PEROXIDE-CLINDAMYCIN TOPICAL
d04458	PEMIROLAST OPHTHALMIC	d04743	NATEGLINIDE
d04459	DOFETILIDE	d04744	BIVALIRUDIN
d04460	ENTACAPONE	d04747	ZIPRASIDONE
d04461	EXEMESTANE	d04749	ESOMEPRAZOLE
d04462	OSELTAMIVIR	d04753	TRAVOPROST OPHTHALMIC
d04470	CRANBERRY	d04754	BIMATOPROST OPHTHALMIC
d04472	BLACK COHOSH	d04755	VALGANCICLOVIR
d04481	ROYAL JELLY	d04756	ALEMTUZUMAB
d04497	ASPIRIN-DIPYRIDAMOLE	d04757	ALMOTRIPTAN
d04499	LEVETIRACETAM	d04758	IMATINIB
d04500	MOXIFLOXACIN	d04760	DROSPIRENONE-ETHINYL ESTRADIOL
d04501	AMINOLEVULINIC ACID TOPICAL	d04763	NESIRITIDE
d04504	GATIFLOXACIN	d04764	CETIRIZINE-PSEUDOEPHEDRINE
d04509	HYDROCHLOROTHIAZIDE- QUINAPRIL		
d04510	INSULIN LISPRO-INSULIN LISPRO PROTAMINE		
d04512	CEVIMELINE		
d04513	OXCARBAZEPINE		
d04514	PANTOPRAZOLE		

d04765	HYDROCORTISONE-LIDOCAINE TOPICAL	d04877	CARBIDOPA;ENTACAPONE; LEVODOPA
d04766	ACETAMINOPHEN-TRAMADOL	d04878	HYDROCHLOROTHIAZIDE- OLMESARTAN
d04771	DARBEPOETIN ALFA	d04881	OMALIZUMAB
d04772	ETONOGESTREL	d04882	ATAZANAVIR
d04773	ETHINYL ESTRADIOL- ETONOGESTREL	d04884	EMTRICITABINE
d04774	TENOFOVIR	d04888	PALONOSETRON
d04776	FROVATRIPTAN	d04890	CIPROFLOXACIN- DEXAMETHASONE OTIC
d04777	DEXMETHYLPHENIDATE	d04893	VARDENAFIL
d04779	ETHINYL ESTRADIOL- NORELGESTROMIN	d04894	DAPTOMYCIN
d04783	ERTAPENEM	d04896	TADALAFIL
d04784	PIMECROLIMUS TOPICAL	d04899	MEMANTINE
d04785	DESLORATADINE	d04900	SALICYLIC ACID-UREA TOPICAL
d04786	FONDAPARINUX	d04901	FOSAMPRENAVIR
d04787	LOVASTATIN-NIACIN	d04905	BROMPHENIRAMINE;DEXTRO- METHORPH;PHENYLEPHRINE
d04788	DUTASTERIDE	d04911	PENTAFLUOROPROPANE- TETRAFLUROETHANE TOPICAL
d04790	PEGFILGRASTIM	d04914	ESTRADIOL-LEVONORGESTREL
d04791	FLUOCINOLONE;HYDROQUINONE; TRETINOIN TOPICAL	d04920	PNEUMOCOCCAL 7-VALENT CONJUGATE VACCINE
d04796	PERFLUTREN	d04921	TETANUS-DIPHTH TOXOIDS (TD) ADULT;ADOL
d04797	ALFUZOSIN	d04929	TROSPIUM
d04801	OLMESARTAN	d04935	TINIDAZOLE
d04802	TREPROSTINIL	d04986	ACAMPROSATE
d04803	VORICONAZOLE	d05044	BETAMETHASONE-CALCIPOTRIENE TOPICAL
d04805	RASBURICASE	d05047	PEMETREXED
d04812	ESCITALOPRAM	d05048	AMLODIPINE-ATORVASTATIN
d04815	EPLERENONE	d05049	CALCITRIOL TOPICAL
d04819	BUPRENORPHINE-NALOXONE	d05101	CETUXIMAB
d04823	GLIPIZIDE-METFORMIN	d05214	BEVACIZUMAB
d04824	EZETIMIBE	d05217	MYCOPHENOLIC ACID
d04825	ARIPIPRAZOLE	d05218	CINACALCET
d04827	ATOMOXETINE	d05232	ILOPROST
d04828	TERIPARATIDE	d05234	HYALURONAN
d04829	TIOTROPIUM	d05265	NEBIVOLOL
d04832	DIPHThERIA;HEPB;PERTUSSIS, ACEL;POLIO;TETANUS	d05278	INSULIN GLULISINE
d04835	ADALIMUMAB	d05283	BRIMONIDINE-TIMOLOL OPHTHALMIC
d04836	CYCLOSPORINE OPHTHALMIC	d05294	RIFAXIMIN
d04837	EPROSARTAN- HYDROCHLOROTHIAZIDE	d05337	PNEUMOCOCCAL 23-POLYVALENT VACCINE
d04839	INSULIN ASPART-INSULIN ASPART PROTAMINE	d05338	DIPHThERIA-TETANUS TOXOIDS (DT) PED
d04844	CAMPHOR-MENTHOL TOPICAL	d05343	HAEMOPHILUS B CONJUGATE (PRP- T) VACCINE
d04848	INULIN	d05346	GADOBUTROL
d04849	ELETRIPTAN	d05348	EZETIMIBE-SIMVASTATIN
d04851	ROSUVASTATIN	d05350	POLYETHYLENE GLYCOL 3350
d04856	BOTULISM ANTITOXIN		
d04857	GATIFLOXACIN OPHTHALMIC		
d04863	CHLORPHENIRAMINE; IBUPROFEN;PSEUDOEPHEDRINE		
d04871	BORTEZOMIB		

d05352	EMTRICITABINE-TENOFOVIR	d05703	CHONDROITIN;GLUCOSAMINE; METHYLSULFONYLMETHANE
d05354	ABACAVIR-LAMIVUDINE	d05704	IMMUNE GLOBULIN SUBCUTANEOUS
d05355	DULOXETINE	d05719	RANOLAZINE
d05357	IBANDRONATE	d05736	LUBIPROSTONE
d05366	ACETAMINOPHEN; DEXTROMETHORPHAN; DOXYLAMINE	d05770	OMEPRAZOLE-SODIUM BICARBONATE
d05395	LANTHANUM CARBONATE	d05773	L-METHYLFOLATE
d05412	ERLOTINIB	d05776	IODINE
d05413	SOLIFENACIN	d05781	TETANUS;DIPHTH;PERTUSS (TDAP) ADULT;ADOL
d05414	NATALIZUMAB	d05782	DIPHThERIA;TETANUS;PERTUSSIS (DTAP) PED
d05420	ALOH;DIPHENHYD; LIDOCAINE;MGOH;SIMETH TOPICAL	d05807	VARENICLINE
d05421	ESZOPICLONE	d05813	ZOSTER VACCINE LIVE
d05422	DARIFENACIN	d05815	FLUORESCIEIN
d05425	LOTEPREDNOL-TOBRAMYCIN OPHTHALMIC	d05817	HUMAN PAPILLOMAVIRUS VACCINE
d05428	GADOBENATE DIMEGLUMINE	d05819	DIPHENHYDRAMINE-IBUPROFEN
d05432	MENINGOCOCCAL CONJUGATE VACCINE	d05825	DARUNAVIR
d05433	DIGESTIVE ENZYMES;HYOSCYAMINE; PHENYLTOLOXAMIN	d05831	DASATINIB
d05436	INSULIN DETEMIR	d05835	RANIBIZUMAB OPHThALMIC
d05465	CICLESONIDE	d05847	EFAVIRENZ;EMTRICITABINE; TENOFVIR
d05471	ALPHA-D-GALACTOSIDASE	d05848	ROTIGOTINE
d05487	MICAFUNGIN	d05851	LEVOCETIRIZINE
d05488	PRAMLINTIDE	d05866	GUAR GUM
d05502	CITRIC ACID;SIMETHICONE;NA BICARBONATE	d05869	PROTHROMBIN COMPLEX
d05508	PREGABALIN	d05893	ARFORMOTEROL
d05518	BROMFENAC OPHThALMIC	d05896	SITAGLIPTIN
d05524	HYDROXYETHYL STARCH	d05899	CICLESONIDE NASAL
d05529	EXENATIDE	d05963	COAGULATION FACTOR IX
d05537	TIGECYCLINE	d05973	CLINDAMYCIN-TRETINOIN TOPICAL
d05541	LIDOCAINE-TETRACAINE TOPICAL	d05974	ANTIHEMOPHILIC FACTOR
d05543	DAPSONE TOPICAL	d05982	SINECATECHINS TOPICAL
d05578	RAMELTEON	d06032	FLUOCINOLONE OTIC
d05612	RASAGILINE	d06051	CITRULLINE
d05626	EVEROLIMUS	d06297	PALIPERIDONE
d05633	NEPAFENAC OPHThALMIC	d06370	TURMERIC
d05635	METFORMIN-PIOGLITAZONE	d06507	CINNAMON
d05645	MEASLES;MUMPS;RUBELLA; VARICELLA VIRUS VACCINE	d06635	MILNACIPRAN
d05646	SACCHAROMYCES BOULARDII LYO	d06650	PARATHYROID HORMONE
d05649	CEFTRIAZONE-LIDOCAINE	d06662	AMLODIPINE-VALSARTAN
d05651	SODIUM HYALURONATE TOPICAL	d06663	LISDEXAMFETAMINE
d05659	DEFERASIROX	d06665	ALISKIREN
d05691	SORAFENIB	d06720	METFORMIN-SITAGLIPTIN
d05694	ABATACEPT	d06831	RETAPAMULIN TOPICAL
d05696	LENALIDOMIDE	d06841	AMBRISENTAN
d05702	METHYLSULFONYLMETHANE	d06842	ARMODAFINIL
		d06848	LUTEIN
		d06851	AZITHROMYCIN OPHThALMIC
		d06860	OXYGEN
		d06867	BIOTIN
		d06868	MENTHOL-ZINC OXIDE TOPICAL

d06905	AMLODIPINE-OLMESARTAN	d07548	COLLAGENASE CLOSTRIDIUM HISTOLYTICUM
d07048	RALTEGRAVIR	d07586	PNEUMOCOCCAL 13-VALENT CONJUGATE VACCINE
d07069	RUFINAMIDE	d07630	CHOLECALCIFEROL; GENISTEIN;ZINC GLYCINATE
d07076	ETRAVIRINE	d07631	ESOMEPRAZOLE-NAPROXEN
d07077	ALISKIREN- HYDROCHLOROTHIAZIDE	d07634	DUTASTERIDE-TAMSULOSIN
d07080	FOSAPREPITANT	d07637	PITAVASTATIN
d07113	DESVENLAFAXINE	d07640	DENOSUMAB
d07121	BENDAMUSTINE	d07646	ABOBOTULINUMTOXINA
d07130	NAPROXEN-SUMATRIPTAN	d07660	FORMOTEROL-MOMETASONE
d07131	REGADENOSON	d07668	AMLODIPINE; HYDROCHLOROTHIAZIDE; OLMESARTAN
d07132	OLOPATADINE NASAL	d07670	ALCAFTADINE OPHTHALMIC
d07134	CERTOLIZUMAB	d07684	ROFLUMILAST
d07135	METHYLNALTREXONE	d07685	CARBOXYMETHYLCELLULOSE
d07137	DABIGATRAN	d07691	MAGNESIUM;POTASSIUM;SODIUM SULFATES
d07162	FESOTERODINE	d07692	FINGOLIMOD
d07298	DIFLUPREDNATE OPHTHALMIC	d07697	DROSPIRENONE;ETHINYL ESTRADIOL;LEVOMEFOLATE
d07302	CHLOPHEDIANOL;GUAIFENESIN; PSEUDOEPHEDRINE	d07705	LURASIDONE
d07315	GLUTAMINE	d07706	CEFTAROLINE
d07320	ROMIPLOSTIM	d07709	METFORMIN-SAXAGLIPTIN
d07347	BIFIDOBACTERIUM INFANTIS	d07721	TICAGRELOR
d07349	LACOSAMIDE	d07727	PENICILLIN G BENZATHINE
d07354	SILODOSIN	d07740	VILAZODONE
d07356	RIVAROXABAN	d07754	AZILSARTAN
d07371	FENOFIBRIC ACID	d07764	FAMOTIDINE-IBUPROFEN
d07373	D-XYLITOL	d07766	ABIRATERONE
d07382	ADAPALENE-BENZOYL PEROXIDE TOPICAL	d07767	LINAGLIPTIN
d07393	ICATIBANT	d07796	EMTRICITABINE;RILPIVIRINE; TENOFVIR
d07395	DEXLANSOPRAZOLE	d07800	CRIZOTINIB
d07396	USTEKINUMAB	d07804	APIXABAN
d07397	FEBUXOSTAT	d07812	RUXOLITINIB
d07400	BIFIDOBACTERIUM- LACTOBACILLUS	d07815	AFLIBERCEPT OPHTHALMIC
d07409	PRASUGREL	d07818	AZILSARTAN-CHLORTHALIDONE
d07435	GOLIMUMAB	d07819	LACTOBACILLUS CASEI-OMEGA-3 FATTY ACIDS
d07441	ILOPERIDONE	d07822	INGENOL TOPICAL
d07448	BESIFLOXACIN OPHTHALMIC	d07823	AXITINIB
d07453	TAPENTADOL	d07825	LINAGLIPTIN-METFORMIN
d07458	DRONEDARONE	d07831	TYROSINE
d07466	LIRAGLUTIDE	d07863	AVANAFIL
d07467	SAXAGLIPTIN	d07868	AZELASTINE-FLUTICASONE NASAL
d07473	ASENAPINE	d07874	PERTUZUMAB
d07478	TAFLUPROST OPHTHALMIC	d07875	LORCASERIN
d07482	BEPOTASTINE OPHTHALMIC	d07876	MIRABEGRON
d07495	ULIPRISTAL	d07882	CARFILZOMIB
d07496	TOCILIZUMAB	d07885	ACLIDINIUM
d07499	PAZOPANIB		
d07505	COPPER		
d07507	ESLICARBAZEPINE		
d07519	HEME IRON POLYPEPTIDE-IRON POLYSACCHARIDE		

d07891	ICOSAPENT	n08105	RESVERATROL
d07894	XENON XE-133	n08111	ANTIVERTIGO DRUGS
d07899	COBICISTAT;ELVITEGRAVIR; EMTRICITABINE;TENOFV	n08120	KETOCONAZOLE-SELENIUM SULFIDE TOPICAL
d07900	ENZALUTAMIDE	n08125	PHENTOLAMINE;PAPAVERINE; ALPROSTADIL
d07902	LINACLOTIDE	n08138	LIDOCAINE-CEFTRIAZONE
d07928	DAPAGLIFLOZIN	n08191	PRUNE JUICE
d07965	ALOGLIPTIN-PIOGLITAZONE	n08201	POLYETHYLENE GLYCOL 400
d08041	POMALIDOMIDE	n08208	H2O
d08054	INSULIN DEGLUDEC	n08216	TOPICAL C
d08079	DIMETHYL FUMARATE	n08223	FLUOROQUINOLONES
d08080	CANAGLIFLOZIN	n08240	SILICONE
d08086	BRIMONIDINE-BRINZOLAMIDE OPHTHALMIC	n08242	GYMNEMA SYLVESTRE
d08100	FLUTICASON-VILANTEROL	n08257	TETROFOSMIN
d08114	LEVOMILNACIPRAN	n08258	TETROFOSMIN
d08117	DOLUTEGRAVIR	n09000	PETROLATUM TOPICAL;SORBITAN SESQUIOLEATE;METHYL PARABEN
d08119	BRIMONIDINE TOPICAL	n09001	RADIOCONTRAST AGENTS
d08125	VORTIOXETINE	n09010	LIDOCAINE-TRIAMCINOLONE
d08126	MACITENTAN	n09033	OLIVE LEAF EXTRACT
d08134	OBINUTUZUMAB	n09035	LIDOCAINE;ATROPINE; HYOSCYAMINE;PB; SCOPOLAMINE;CALCIUM CARBONATE
d08179	LULICONAZOLE TOPICAL	n09059	GADOLINIUM
d08187	UMECLIDINIUM	n09134	THIAMINE-FOLIC ACID
d08188	UMECLIDINIUM-VILANTEROL	n09135	LIDOCAINE;EPINEPHRINE; TETRACAINE
d08243	METRELEPTIN	n09140	SILVER NITRATE TOPICAL- POTASSIUM NITRATE
d08247	APREMILAST	n09148	OMEGA-3 POLYUNSATURATED FATTY ACIDS;OMEGA-6 POLYUNSATURATED FATTY ACIDS;OMEGA-9 POLYUNSATURATED FATTY ACIDS
d08251	ALBIGLUTIDE	n09155	ALUMINUM HYDROXIDE- MAGNESIUM HYDROXIDE- LIDOCAINE
d08280	CANAGLIFLOZIN-METFORMIN	n09158	FLURBIPROFEN OPHTHALMIC; CYCLOPENTOLATE OPHTHALMIC;TROPICAMIDE OPHTHALMIC
d08305	COBICISTAT-DARUNAVIR	n09159	PHENYLEPHRINE OPHTHALMIC- TROPICAMIDE OPHTHALMIC
d08342	PALBOCICLIB	n09185	MISCELLANEOUS ANTIBIOTICS
d08379	CARIPRAZINE	n09189	RIVAROXABAN
d08407	SELEXIPAG	n09205	ASCORBIC ACID-FERULIC ACID- PHLORETIN
d08472	LIFITEGRAST OPHTHALMIC	n10015	GLUTATHIONE
n00008	LIDOCAINE; BUPIVACAINE;EPINEPHRINE	n11008	CANNABIS (MEDICAL MARIJUANA)
n08012	PACKED RED BLOOD CELLS		
n08013	CALCIUM HYDROXYLAPATITE		
n08027	BOSWELLIC ACID		
n08028	CHLORINE BLEACH		
n08029	CODEINE;ACETAMINOPHEN; CAFFEINE;BUTALBITAL		
n08039	ADHD MEDS		
n08042	PSORIZIDE FORTE		
n08049	OMEGA-3 POLYUNSATURATED FATTY ACIDS-VITAMIN AND MINERAL COMBINATIONS		
n08050	BIFIDUS REGULARIS		
n08053	ECZEMA CREAM		
n08063	TROPONIN		
n08069	IODOFORM		
n08079	PROSTATE MEDICATION		
n08081	DABIGATRAN		
n08084	MUSHROOM EXTRACT-ASCORBIC ACID		

n12001	ASCORBIC ACID-BIOFLAVONOIDS	n16006	CHLORAMPHENICOL; SULFANILAMIDE
n12014	PIRFENIDONE		TOPICAL;AMPHOTERICIN B
n12017	FLUOROURACIL;OXALIPLATIN; IRINOTECAN;LEUCOVORIN	n16007	TAVABOROLE
n13002	BENZOCAINE TOPICAL;LIDOCAINE TOPICAL;TETRACAINE TOPICAL	n16008	HYDROQUINONE TOPICAL;TRETINOIN; DEXAMETHASONE
n14005	BUPROPION-NALTREXONE	n16009	BREXPIRAZOLE
n14008	EMPAGLIFLOZIN	n16010	PATIROMER
n14009	EFINACONAZOLE	n16011	EVOLOCUMAB
n14010	ABACAVIR;DOLUTEGRAVIR; LAMIVUDINE	n16015	VALSARTAN
n15004	LINAGLIPTIN-EMPAGLIFLOZIN	n16017	NIVOLUMAB
n15005	NALOXEGOL	n16019	VITAMIN AND MINERAL COMBINATIONS;LUTEIN; ZEAXANTHIN
n16000	SECUKINUMAB	n16020	ALIROCUMAB
n16001	SERUM-DERIVED BOVINE IMMUNOGLOBULIN;PROTEIN ISOLATE	n16021	VITAMIN D3-VITAMIN K
n16004	DULAGLUTIDE	n16022	TRIAMCINOLONE-FLUOROURACIL
n16005	SUVOREXANT	n16023	DOCETAXEL;CARBOPLATIN; TRASTUZUMAB;PERTUZUMAB
		n16025	GLYCOPROTEIN IIB;IIIA INHIBITORS

B. DRUG ENTRY CODES AND NAMES IN NUMERIC ORDER

00002 TAMIFLU	00176 PREDNISOLONE ACETATE
00004 LIDODERM PATCH	00177 SALT WATER
00008 VIACTIV	00184 KEPBRA
00009 BICILLIN L-A	00187 OPHTHALMIC DROPS
00013 MYCOPHENOLATE MOFETIL	00190 ABDEC
00022 PREVNAR	00192 SPECTRAVITE
00032 EXCEDRIN MIGRAINE	00198 ENOXAPARIN SODIUM
00036 MAALOX PLUS	00200 MEPERIDINE HCL
00039 SONATA	00205 VAPONEPHRINE
00042 PROTONIX	00206 ACTONEL
00043 D-50-W	00208 CELECOXIB
00047 DONNATAL ELIXIR	00209 GLUCOVANCE
00048 MOBIC	00213 PANTOPRAZOLE SODIUM
00052 SILDENAFIL CITRATE	00217 TEMODAR
00053 TAMSULOSIN HYDROCHLORIDE	00218 CARBAMIDE PEROXIDE
00054 COMTAN	00219 DYCLONINE HCL
00056 ENTEX PSE	00223 ACCUTANE
00058 MINERAL SUPPLEMENT	00224 MILK AND MOLASSES ENEMA
00059 RHO IMMUNE GLOBULIN	00233 CONCERTA
00064 D5 1/2 NS WITH KCL	00235 NOVOSEVEN
00071 CERTAVITE	00237 VANIQA
00076 TRILEPTAL	00238 ZOLMITRIPTAN
00078 AGGRENOX	00239 FEMHRT
00080 CARBIDOPA-LEVODOPA	00244 GLUTAMINE
00081 EXELON	00251 VICODIN ES
00084 PREGABALIN	00253 LISPRO
00096 OSTEO-BIFLEX	00254 CARTIA XT
00101 ISOSORBIDE DINITRATE	00259 FML
00102 ISOSORBIDE MONONITRATE	00260 ACETAMINOPHEN
00107 ROSIGLITAZONE MALEATE	00261 GRANISETRON HCL
00109 URSODIOL	00267 LIQUID TEARS
00113 ANDROGEL	00268 MOMETASONE FUROATE
00115 EDEX	00269 SUCCINYLCHOLINE CHLORIDE
00117 CRANBERRY	00273 PROVIGIL
00122 GATORADE	00274 QVAR
00123 NICOTINE	00280 ACETAMINOPHEN W/CODEINE
00125 AVELOX	00283 ACETAMINOPHEN W/OXYCODONE
00127 MONISTAT 3	00293 AMLACTIN
00133 CANDESARTAN	00294 CANTHACUR-PS
00148 PROLIXIN D	00295 ACETAZOLAMIDE
00149 D51/2 NS	00296 PENLAC
00150 NICODERM CQ PATCH	00297 PLEXION
00151 TUSSIN	00305 ACETIC ACID
00154 CHILDREN'S IBUPROFEN	00312 COMBIPATCH
00161 BISOPROLOL	00313 DIGITEK
00163 A/T/S	00316 LEFLUNOMIDE
00165 BIER BLOCK	00321 JUICE PLUS+
00167 NOVOLIN N	00322 LEVLITE
00168 TRIMO-SAN	00329 DTAP-HEPB-IPV
00169 KETOROLAC TROMETHAMINE	00332 XOPENEX HFA
00172 OPHTHALMIC OINTMENT	00337 DTAP/IPV/HIB
00173 ELA-MAX	00338 ACETYLCYSTEINE

00341 TDAP	01062 RHINOCORT AQUA
00344 APIDRA SOLOSTAR	01063 TEGRETOL XR
00358 FLORINEF	01064 WELLBUTRIN SR
00361 FLOVENT HFA	01066 ZEBUTAL
00417 RADIOISTOPE	01073 MAXALT-MLT
00486 ACTIVASE	01076 STARLIX
00535 ADENOSINE	01082 BENZACLIN
00540 ADIPEX	01084 LUMIGAN
00560 ADRENALIN	01087 PROTOPIC
00597 ADVIL	01093 BOTOX
00645 AFRIN	01094 CARDIZEM CD
00780 ALBUTEIN	01096 CLINDAGEL
00785 ALCaine	01102 GYNAZOLE I
00790 ALCOHOL	01104 LOESTRIN FE
00805 ALCOHOL RUBBING	01106 LUTEIN
00810 ALCON	01109 SPIRULINA
00825 ALDACTAZIDE	01111 TRAVATAN
00830 ALDACTONE	01116 ZYVOX
00845 ALDOMET	01117 AXERT
00880 ALKA-SELTZER	01118 ALPHA BLOCKER
00953 ALLER-CHLOR	01119 INDERAL LA
00980 ALLERGY RELIEF OR SHOTS	01124 ULTRACET
01001 CLARITIN D	01127 CARAC
01002 NEXIUM	01144 OLUX
01003 ANAPROX DS	01146 CHROMIUM PICOLINATE
01007 TIKOSYN	01147 LUSTRA AF
01008 ZONEGRAN	01153 VAGIFEM
01012 BUDESONIDE	01160 D5NS
01017 BACTRIM DS	01161 ACCURETIC
01019 NIFEDICAL XL	01166 WELCHOL
01020 OPTIVAR	01168 COSAMIN DS
01021 BUTORPHANOL TARTRATE	01171 AROMASIN
01022 METOPROLOL TARTRATE	01173 D5 LR
01024 RABAVERT	01193 HALOPERIDOL DECONATE
01027 STROMECTOL	01196 MOXIFLOXACIN
01029 EFFEXOR XR	01206 COENZYME Q10
01030 ALLOPURINOL	01207 LITHIUM CARBONATE
01032 TPA	01211 PULMICORT RESPULES
01034 ADVAIR DISKUS	01214 LANTUS
01036 GEODON	01216 OXCARBAZEPINE
01037 GLUCOTROL XL	01222 NORDITROPIN
01038 HALDOL DECANOATE	01223 ALUMINUM CHLORIDE
01041 RABEPRAZOLE SODIUM	01224 ACUVITE
01042 REPAGLINIDE	01225 ALUMINUM HYDROXIDE
01043 ZIPRASIDONE HCL	01228 BECLOMETHASONE DIPROPIONATE
01044 Z-PAK	01233 RAPAMUNE
01047 IRBESARTAN	01235 ALUMINUM MAGNESIUM HYDROXIDE
01050 TOLTERODINE TARTRATE	01236 VERAPAMIL SR
01053 AMPICILLIN AND SULBACTAM	01237 5-FLUOROURACIL
01055 ORAPRED	01242 CEFAZOLIN SODIUM
01056 ACTIVELLA	01246 RIZATRIPTAN BENZOATE
01057 DETROL LA	01249 METADATE CD
01058 AL/MG HYDROXIDE-SIMETHICONE	

01250 ALUMINUM-MAGNESIUM HYDROX W/SIMETHICONE	02047 AUGMENTIN ES
01253 ALUM/MAG HYDROX/SIMETHI	02054 TRIMETHOPRIM SULFATE/POLYMYXIN B SULFAT
01256 BENEFIX	02060 DIAMOX SEQUELS
01259 MILK THISTLE	02061 GUAIFENESIN/PSEUDOEPHEDRINE
01264 DEPACON	02062 TRILUMA
01266 INSULIN GLARGINE	02064 INVANZ
01272 RAPAMYCIN	02074 LUPRON
01275 ZONISAMIDE	02075 ANTABUSE
01278 METROLOTION	02076 MAPAP
01281 ADDERALL XR	02077 MEROPENEM
01282 LATANOPROST	02079 NITROGLYCERIN SUBLINGUAL
01285 ZOMETA	02080 ANTACID
01288 OXYFAST	02087 SOAPSUDS ENEMA
01290 AMANTADINE	02092 MUPIROCIN CALCIUM OINTMENT
01298 SWEET-EASE	02099 DEPAKOTE ER
01300 ENTACAPONE	02102 GATIFLOXACIN
01303 TIROFIBAN HCL	02103 LEVALBUTEROL HCL
01307 DORZOLAMIDE AND TIMOLOL	02104 MAGNESIUM HYDROXIDE
01308 METHYLERGONOVINE MALEATE	02107 ZALEPLON
01310 PARICALCITOL	02108 COLAZAL
01375 AMICAR	02117 PLAN B
01378 AMIDATE	02119 LEXAPRO
01405 AMIKACIN	02125 ANTIACID
01450 AMINOPHYLLINE	02127 BANANA BAG
01530 AMITRIPTYLINE	02128 BENZONATATE
01555 AMMONIA AROMATIC ASPIROL	02129 CLORAZEPATE DIPOTASSIUM
01560 AMMONIA AROMATIC SPIRIT	02131 ESOMEPRAZOLE MAGNESIUM
01563 AMMONIA INHALANTS	02135 ANTI-ITCH
01630 AMOXICILLIN	02138 MAALOX W/ VISCOUS LIDOCAINE
01635 AMOXICILLIN TRIHYDRATE	02140 THIAMINE HCL
01640 AMOXIL	02145 REBIF
01660 AMPHETAMINE	02147 METHYLIN
01678 AMPHOTERICIN	02152 KENALOG/LIDOCAINE
01685 AMPICILLIN	02153 VITAMIN B12/FOLIC ACID
01775 ANALGESIC	02154 ENTOCORT EC
01780 ANALGESIC BALM	02156 GLEEVEC
01795 ANALGESIC LINIMENT	02158 ANTIBIOTIC AGENT
01838 ANAPROX	02161 PRINCIPEN
01860 ANBESOL	02165 ANTICOAGULANT
01865 ANCEF	02168 BLACK COHOSH
01975 ANECTINE	02176 ALPHA LIPOIC ACID
01983 ANESTHETIC	02187 ALPHAGAN P
02013 BENICAR	02188 DEXEDRINE SPANSULES
02016 CLARINEX	02189 GLUCOPHAGE XR
02018 FOCALIN	02198 VITAMIN A & C & E
02026 YASMIN	02203 ABILIFY
02027 GLUCAGEN	02207 ROBAXIN-750
02029 ADVICOR	02209 NOVOLOG
02031 ELIDEL CREAM	02213 ELIDEL
02036 EXTRA STRENGTH TYLENOL	02217 ARANESP
02037 LEVETIRACETAM	02223 ZETIA
02038 LO-OGESTREL	02225 ANTISPASMODIC
02042 DUONEB	02226 FROVA

02227	LACTINOL E	02660	ARTHRITIS PAIN FORMULA
02228	MALARONE	02705	ASCORBIC ACID
02231	ADALAT CC	02725	ASCRIPITIN
02232	BENEFIBER	02805	ASPIRIN
02233	EMERGEN-C	02875	ATARAX
02234	TAZTIA XT	02900	ATIVAN
02243	BICALUTAMIDE	02940	ATROPINE
02244	CALAN SR	02950	ATROPINE SULFATE
02247	FLOXIN OTIC	02982	ATROVENT
02249	PEPCID AC	02987	AUGMENTIN 125
02250	ANTIVERT	02995	AURALGAN
02254	ANAGRELIDE	03001	VAQTA
02256	ESCITALOPRAM OXALATE	03002	AVODART
02259	NEULASTA	03012	DEPAKOTE SPRINKLE
02261	VORICONAZOLE	03019	REYATAZ
02268	RETIN-A MICRO GEL	03039	IMODIUM A-D
02271	RITALIN LA	03044	RENAL CAPS
02279	PULMICORT	03048	RELPAK
02280	APRI	03050	AVEENO
02281	CHICKEN POX VACCINE	03051	LITTLE NOSES GENTLE FORMULA
02290	CERVIDIL	03055	AVEENO LOTION
02293	VALCYTE	03056	CITROMA
02299	SENNA-GEN	03057	MEGESTROL ACETATE
02304	TWINRIX	03060	AVEENO OILATED
02310	ANUSOL	03068	LEXAPRIL
02311	PIOGLITAZONE HCL	03069	NYSTOP
02312	CABERGOLINE	03071	OXYTROL
02314	LORTAB ELIXIR	03072	A+D OINTMENT
02315	ANUSOL-HC	03074	HISTEX PD
02316	PAXIL CR	03080	STRATTERA
02321	TENOFOVIR DISOPROXIL FUMARATE	03081	AMOXICILLIN AND CLAVULANATE POTASSIUM
02326	CALCIUM GLUBIONATE	03084	SYSTANE
02333	ROXICODONE	03091	AZELASTINE HCL
02335	APAP	03097	TUSSI-ORGANIDIN NR
02336	FIBER-LAX	03098	VOLTAREN XR
02337	CARNOSINE	03099	CILOSTAZOL
02347	CALMOSEPTINE	03102	FOLGARD
02349	LIDOCAINE W/MARCAINE	03104	METROCREAM
02351	FEMARA	03106	ONE A DAY VITAMIN
02358	PROCTOSOL	03113	AYGESTIN
02359	VIREAD	03115	AYR SALINE MIST
02364	CALCITRATE	03117	AZACTAM
02367	NUVARING	03122	GINGER
02370	APLISOL	03123	AZATHIOPRINE
02384	DOC-Q-LACE	03129	DIPROLENE AF
02394	NESIRITIDE	03131	DUAC
02396	VARICELLA VIRUS VACCINE	03132	FINACEA
02405	APRESOLINE	03134	RESTASIS
02470	AQUAPHOR	03141	LISINOPRIL/HCTZ
02575	ARISTOCORT	03142	NIFEDIPINE ER
02627	ARMOUR THYROID	03148	AVIANE
02630	ARNICA	03151	STERAPRED DS
02645	ARTANE		

03156 BUPROPION SR	03309 PROVENTIL HFA
03157 EPA/DHA ESSENTIALS	03312 CORAL CALCIUM DAILY
03163 ROSULA	03318 HEPARIN SODIUM
03167 DERMAZENE	03319 TRAMADOL HCL
03169 FEVERFEW	03321 TRIMETHOPRIM SULFATE
03174 CARBONYL IRON	03327 BIMATOPROST
03175 CYTRA-2	03328 ENALAPRIL/HCTZ
03177 CALCARB 600	03329 FERRLECIT
03179 PEDIARIX	03332 BENADRYL ALLERGY
03180 LEVITRA	03354 L-LYSINE
03183 TUMS E-X	03355 B-12
03184 WELLBUTRIN XL	03358 ZINC LOZENGES
03187 CRESTOR	03359 MODAFINIL
03188 MUCINEX	03368 LINEZOLID
03189 ORTHO-TRICYCLEN LO	03371 ALTEPLASE
03192 VIGAMOX	03381 MELOXICAM
03194 AVAR	03395 BACID
03197 CIPRODEX	03410 BACITRACIN
03201 MEMANTINE	03411 FLAX SEED
03207 PHENYTEK	03415 BACITRACIN-NEOMYCIN-POLYMYXIN
03208 ALAVERT	03420 BACITRACIN-POLYMYXIN
03209 ATAZANAVIR SULFATE	03423 BACLOFEN
03211 CIALIS	03427 HUMIRA
03213 ROSANIL	03428 EMTRICITABINE
03214 STALEVO	03430 BACTRIM
03219 ELIGARD	03434 HYOSCYAMINE
03222 MICARDIS HCT	03437 POLYETHYLENE GLYCOL- ELECTROLYTE SOLUTIO
03225 AZULFIDINE	03438 BACTROBAN
03226 ENALAPRIL MALEATE	03590 BARIUM
03227 EVOXAC	03685 BCG VACCINE
03228 AVINZA	03700 BECLOMETHASONE
03229 RED YEAST RICE	03709 BECONASE
03232 PORTIA	03800 BELLADONNA
03236 TERAZOL 7	03825 BELLADONNA W/PHENOBARBITAL
03237 ATOMOXETINE HCL	03900 BEN-GAY
03241 TESTIM	03905 BENADRYL
03245 B & O SUPPRETTE	03970 BENOQUIN
03247 COLESEVELAM HCI	04000 BENTYL
03250 B COMPLEX	04003 BISMATROL
03251 RANITIDINE HCI	04004 AKWA TEARS LUBRICANT EYE DROPS
03253 GREEN TEA EXTRACT	04011 NAMENDA
03255 B COMPLEX #100	04014 ARIPIRAZOLE
03272 METOPROLOL SUCCINATE	04016 AZO CRANBERRY
03273 NOVOLIN R	04021 BENICAR HCT
03276 SUBOXONE	04023 BISOPROLOL/HCTZ
03278 ALAMAST	04031 CERTAGEN
03279 AMPHETAMINE SALT COMBO	04041 ALBUTEROL/ATROVENT
03282 CANASA	04042 SPIRIVA
03283 CEFDINIR	04044 CIPROFLOXACIN EYE SOLUTION
03286 KARIVA	04049 CULTURELLE
03287 OVACE	04050 BENZO MENTH
03291 TRI-MIX	04051 CYMBALTA
03296 IVERMECTIN	
03306 NOVALOG	

04054 CUBICIN	04243 FIBER TAB
04055 DESLORATADINE	04244 FLORAJEN
04058 DIALYVITE	04245 FLORANEX TABS
04059 DOCUSATE -SENNA	04246 FLORASTOR
04063 FERREX	04250 BICITRA
04068 XOLAIR	04261 FIBER-7
04070 BENZOIN	04266 GARLIC OIL
04071 FORTEO	04278 RISPERDAL CONSTA
04072 NASAL SALINE	04282 ZEMPLAR
04079 GLYCOLAX	04288 SENNALAX
04084 HEALTH SHAKE BY RESOURCE	04292 SENSIPAR
04085 BENZOYL	04299 TURMERIC
04088 BENZOYL PEROXIDE	04307 SENNOSIDES
04092 EYE-VITE	04311 Q-TUSSIN
04093 JUVEN	04315 BIOFLAVONOIDS
04097 LEXIVA	04316 ARIXTRA
04098 L-GLUTAMINE	04320 ATENOLOL/CHLORTHALIDONE
04113 FORTAMET	04322 BIOFREEZE
04114 VYTORIN	04329 ASPIRIN/DIPYRIDAMOLE
04120 BETADINE	04339 HERBAL DRUG (UNSPECIFIED)
04121 NOVAREL	04344 HYPROMELLOSE
04124 CENTANY	04345 BIOTIN
04136 NOVOLOG MIX 70/30	04351 JANTOVEN
04138 UROXATRAL	04368 CONTRACEPTIVE AGENT
04141 ANTICHOLINERGIC	04370 BISACODYL
04146 EZETIMIBE	04378 POLY-IRON PN FORTE
04148 PROSOURCE PROTEIN SUPPLEMENT	04383 PROCTOZONE HC CREAM
04151 PROSTAT 64	04386 ACULAR LS
04154 SILVER NITRATE STICK	04393 TRUVADA
04158 LACTASE ENZYME	04396 POLYCARBOPHIL
04161 OAT BRAN	04397 BIAFINE WOUND DRESSING
04162 FLUMIST	EMULSION
04164 PRUNE JUICE	04400 ANGIOMAX
04167 REFRESH PM	04406 ABREVA
04168 REFRESH TEARS	04410 GLYTONE WASH
04170 BETAMETHASONE	04421 ERTAPENEM
04175 METFORMIN HYDROCHLORIDE ER	04423 LETROZOLE
04176 SENNA-S	04424 TRIFLURIDINE
04178 TESSALON	04434 BI-EST
04190 BETHANECHOL	04441 HERBAL ADRENAL
04196 CADUET	04442 MIGRELIEF
04199 CALCIUM MAGNESIUM CHELATED	04446 LYCOPENE
04200 CALCIUM ZINC MAGNESIUM	04448 AMMONIUM LACTATE
04201 CALTRATE PLUS	04451 CANDIDA ALBICANS SKIN TEST
04204 CARMEX	ANTIGEN
04207 CATAPLEX G	04454 NASAL STEROID
04212 COENZYME (UNSPECIFIED)	04473 IOPAMIDOL
04217 THERA H TABS	04477 N-ACETYLCYSTEINE
04223 COLOSTROM	04478 BLEOMYCIN
04225 BICARBONATE OF SODA	04486 VELCADE
04232 CARBINOXAMINE MALEATE	04488 ELETRIPTAN HYDROBROMIDE
04235 BICILLIN	04489 METADATE
04240 BICILLIN C-R	04491 SYMBICORT

04494	IMIQUIMOD	05072	BONIVA
04499	FOLBEE	05074	ENABLEX
04512	TRINESSA	05079	HOMOCYSTEINE FACTORS
04529	METHYLPREDNISOLONE SODIUM SUCCINATE	05081	OXYIR
04535	BARIUM SULFATE	05090	NEVANAC
04536	ABX OINTMENT	05093	NOVACORT
04541	TYLENOL INFANT'S	05095	BUTALBITAL
04544	HYDROCORTISONE VALERATE	05097	LYRICA
04556	SEVELAMER HYDROCHLORIDE	05099	CLOTRIMAZOLE-BETAMETHASONE DIPROPIONAT
04562	CALCIPOTRIENE	05104	GICOCKTAIL W/LIDOCAINE
04564	DIABETES MEDICATION	05106	GLIPIZIDE ER
04569	INNOPRAN XL	05124	ENPRESSE
04571	ISTALOL	05126	OVIDREL
04576	DULOXETINE	05127	MONONESSA
04578	L-ARGININE	05141	AVASTATIN
04581	POLICOSANOL	05142	ERBITUX
04583	PARATHYROID HORMONE	05147	PROTON-PUMP INHIBITOR
04589	TIOTROPIUM BROMIDE	05154	TECHNETIUM TC 99M MERTIATIDE INJECTION
04595	BORIC ACID	05156	ERYTHROMYCIN BASE-NEOMYCIN
04603	APEXICON	05157	ESTRATEST H.S.
04606	RETYLANE	05162	BYETTA
04611	DOCETAXEL	05173	CLARAVIS
04614	CRYSELLE	05176	AVASTIN
04617	ACCUNEB	05178	FOSRENOL
04621	ASTRAGALUS	05187	ORTHOVISC
04622	EXEMESTANE	05192	ABSORBASE
04627	TRAVOPROST	05194	DUTASTERIDE
04631	EPZICOM	05197	LOSARTAN-HCTZ
04642	OYST-CAL	05207	CEFUROXIME AXETIL
04649	MYFORTIC	05212	FROVATRIPTAN
04652	RISEDRONATE SODIUM	05213	READICAT
04664	MIRENA	05218	CICLOPIROX
04674	NATEGLINIDE	05223	HOMATROPINE-HYDROCODONE
04679	STATINS	05224	FLUORETS
04683	NARATRIPTAN HYDROCHLORIDE	05240	ISOTRETINOIN
04803	BROMFED	05244	ROZEREM
05006	ZYFLAMEND	05252	DIGESTIVE ADVANTAGE
05010	BUFFERIN	05258	CHLORAPREP
05012	PRESERVISION	05259	OMACOR
05017	MINTOX	05261	SOLIFENACIN
05024	BUMEX	05264	ASMANEX TWISTHALER
05033	LUNESTA	05265	CAFFEINE
05035	BUPIVACAINE	05266	SANCTURA
05037	OCUSOFT	05268	SIMPLY SLEEP
05038	SINUS RINSE KIT	05271	METANX
05043	BURN OINTMENT	05272	FORMOTEROL
05051	VESICARE	05276	ZOLAR
05054	SUBUTEX	05278	OCUVITE LUTEIN
05056	ZEGERID	05291	LIDOCAINE/PRILOCAINE
05066	CAMPRAL	05301	ESTRAGEL
05067	MOVE FREE MSM	05308	MUCINEX DM
05070	BUTABARBITAL	05312	BEVACIZUMAB
05071	TARCEVA		

05317	PALONOSETRON	06061	ACTOPLUS MET
05320	CALAMINE	06064	GLYBURIDE/METFORMIN
05321	TRASTUZUMAB	06067	RETINOL
05324	EPLERENONE	06068	ANASTROZOLE
05326	INFLIXIMAB	06071	IMATINIB
05327	SPRINTEC	06081	GANIRELIX
05329	CAMILA	06082	MENOPUR
05331	COMMIT	06089	XIFAXAN
05333	NORTREL	06091	RALLY PACK
05334	REMODULIN	06093	TACLONEX
05335	CALAMINE LOTION	06100	CENTRUM
05337	LOFIBRA	06101	TYLENOL COLD
05338	FLUTICASON-SALMETEROL	06104	DARIFENACIN
05347	CALAN	06108	GARDASIL
05348	NATALCARE PLUS	06109	YAZ
05349	NEOMYCIN SULFATE	06110	CEPACOL
05351	ORTHO MICRONOR	06116	ZYLET
05355	CALCET	06118	AZILECT
05393	CALCITONIN	06121	RANEXA
05395	CALCIUM ACETATE	06122	RIFAXIMIN
05405	CALCIUM CARBONATE	06125	CEPHALEXIN
05415	CALCIUM	06128	CEPHALOSPORINS
05418	CALCIUM CHLORIDE	06129	ADACEL
05430	CALCIUM GLUCONATE	06135	CEPHULAC
05541	CALTRATE W/VITAMIN D	06138	BOOSTRIX
05565	CAMPHO-PHENIQUE	06144	PROQUAD
05595	CANTHARIDIN	06147	TYGACIL
05648	CAPOTEN	06159	ACTOSPLUS MET
05663	CARAFATE	06162	CEFUROXIME
05675	CARBACHOL	06164	LEVEMIR
05680	CARBAMAZEPINE	06166	ALFUZOSIN
05789	CARDIZEM	06168	NEXAVAR
05810	CARISOPRODOL	06172	DAYTRANA
05820	CARMOL	06173	ROTATEQ
05895	CATAPRES	06176	OLOPATADINE
05983	CEFADROXIL	06180	CETACAINE
05993	CEFTIN	06182	TYSABRI
05995	CEFAZOLIN	06184	VUSION
06002	AMBIEN CR	06186	TOBRAMYCIN W/DEXAMETHASONE
06004	FOCALIN XR	06192	CHANTIX
06005	CELESTONE	06193	JANUVIA
06008	EXJADE	06194	REVATIO
06014	ERRIN	06196	SOLODYN
06015	CELESTONE SOLUSPAN	06202	RIVASTIGMINE
06016	TAB-A-VITE	06206	CITRULLINE
06017	AMLODIPINE/BENAZEPRIL	06209	EXCEDRIN TENSION HEADACHE
06019	SYMLIN	06210	CETAPHIL
06021	ABRAXANE	06213	DILT-XR
06030	CELONTIN	06221	DECAVAC
06038	AMITIZA	06223	ACAMPROSATE
06045	FEMRING	06227	GAMUNEX
06048	PEMETREXED	06229	DAPTOMYCIN
06054	FORTICAL	06236	ATRIPLA

06237 CERAVE	07016 MENACTRA
06238 ORACEA	07018 ORENCIA
06242 LEVSIN/SL	07019 TEVETEN HYDROCHLOROTHIAZIDE
06247 FLECAINIDE	07023 PROBIOTIC ACIDAPHILES
06253 JUNEL FE	07049 APIDRA
06256 Q-DRYL	07061 REVLIMID
06258 ZOSTER VACCINE LIVE	07065 NONI JUICE
06260 CHARCOAL	07075 COAL TAR
06264 OBAGI CLEAR	07076 INVEGA
06269 DAPTACEL	07079 BROVANA
06279 FOMEPIZOLE	07081 BUDEPRION SR
06281 MD-GASTROVIEW	07088 D-MANNOSE
06284 HYCET	07091 DELCO-LAX
06291 TELMISARTAN	07093 DESONATE
06294 CHEMOTHERAPY	07096 FLUTICASONE PROPIONATE
06302 OLMESARTAN	07099 CALCIUM CITRATE W/VITAMIN D
06318 CHERATUSSIN	07106 CINNAMON
06320 CHERRALEX	07110 COCAINE
06324 CLOBAZAM	07117 OPANA
06335 CHERRY SYRUP	07133 LUCENTIS
06374 CHILDREN'S TYLENOL	07137 EXFORGE
06400 CHLOR-TRIMETON	07141 ZOSTAVAX
06430 CHLORAFED	07144 PROAIR HFA
06455 CHLORAMBUCIL	07145 COCONUT OIL
06470 CHLORASEPTIC	07150 COD LIVER OIL
06495 CHLORDIAZEPOXIDE	07166 DERMOTIC OIL
06500 CHLORDIAZEPOXIDE HCL W/CLIDINIUM BROMID	07167 SEASONIQUE
06565 CHLOROPHYLL	07168 ALCORTIN
06590 CHLOROTHIAZIDE	07170 BENAZEPRIL- HYDROCHLOROTHIAZIDE
06605 CHLORPHENIRAMINE	07171 LAMISIL AT
06620 CHLORPROMAZINE	07177 FLORA-Q
06645 CHLORTHALIDONE	07180 CODEINE
06661 CHLORZOXAZONE	07182 PATADAY
06705 CHOLESTEROL	07183 JANUMET
06765 CHORIONIC GONADOTROPIN	07185 CODEINE PHOSPHATE
06798 CHROMIUM	07190 CODEINE SULFATE
06815 CIMETIDINE	07199 SILICONE GEL
06839 CIPRO	07206 PEPCID COMPLETE
06860 CITRATE OF MAGNESIA	07209 VIVITROL
06883 CLAFORAN	07211 SPRYCEL
06895 CLEAR EYES	07212 TINDAMAX
06905 CLEOCIN	07223 OPANA ER
06913 CLEOCIN T	07228 THERA-M
06920 CLINDAMYCIN	07232 LUTERA
06925 CLINDAMYCIN (PHOSPHATE)	07235 SYMAX DUOTAB
06935 CLINORIL	07237 DEPLIN
06968 CLODERM	07239 ICAPS AREDS
06975 CLOMID	07242 TYLENOL COLD AND COUGH
06980 CLONAZEPAM	07244 FREE & CLEAR
06985 CLONIDINE	07250 COGENTIN
06990 CLONOPIN	07251 PERCOCET 10
07001 OSELTAMIVIR	07252 PERCOCET 7.5
07003 CLOTTRIMAZOLE	07257 VERAMYST

07265 COLACE	07633 QUASENSE
07275 COLCHICINE	07634 TYROSINE
07284 NEUPRO	07635 PRENATAL PLUS
07289 ZIANA	07639 IMPLANON
07315 COLESTID	07652 ETHINYL ESTRADIOL- NORETHINDRONE
07322 MAGNEBIND 200	07657 Q-TAPP
07332 POLYVINYL ALCOHOL	07660 CORDRAN
07333 PROCEL	07670 CORGARD
07337 RACEPINEPHRINE	07688 INSULIN ASPART
07348 SUPER B-50 COMPLEX	07693 CALCIUM, MAGNESIUM AND VITAMIN D
07349 TEKTRUNA	07702 PERFORMIST
07352 TRAVATAN Z	07706 MYCOPHENOLIC ACID
07366 VITAMIN D3	07755 CORTAID
07371 CARBOXYMETHYLCELLULOSE	07778 CORTICOTROPIN
07372 4-AMINOPYRIDINE	07793 CORTISOL
07387 CINACALCET	07795 CORTISONE
07388 ENDOMETRIN	07913 COUGH FORMULA
07393 CLINDAMYCIN TOPICAL	07920 COUGH SYRUP
07397 ZOCIN	07930 COUMADIN
07398 ALTABAX	07997 CREON
07401 HUMAN PAPILLOMAVIRUS VACCINE	08006 TAMSULOSIN
07406 VYVANSE	08009 INSULIN N
07412 ASA	08015 CROMOLYN
07422 SACCHAROMYCES BOULARDII	08023 JUVEDERM
07450 PREZISTA	08032 BYSTOLIC
07454 AZOR	08039 RADIESSE
07457 ORAL REHYDRATION SALTS	08041 BIONECT
07470 COMPAZINE	08042 DIGEX
07473 BENADRYL CREAM	08045 MVI
07474 INFANRIX	08047 LIALDA
07481 XYZAL	08058 PRENATAL
07492 LIDOCAINE/MAALOX/BENADRYL COMPOUND	08061 TENOFOVIR
07494 LOVAZA	08066 IOHEXOL
07518 SF5000 PLUS	08067 BICARB
07533 CLIMARA PRO	08069 LOVERSOL
07534 ETONOGESTREL	08074 PIPERACILLIN TAZOBACTAM
07539 OPTIVE	08076 NORGESTIMATE EE
07543 CONJUGATED ESTROGENS	08077 ESOMEPRAZOLE
07549 CURCUMIN	08079 EMBEDA
07551 ERLOTINIB	08082 BOSWELLIN
07552 ISOMETHEPTENE	08086 BLEACH BATH
07558 THYRODEX	
07567 HYDROCERIN	
07571 FLULAVAL	08089 METOPROLOL/HYDRO- CHLOROTHIAZIDE
07572 HYALURONIC ACID	08090 CYANOCOBALAMIN
07573 MMR VACCINE	08097 EMTRICITABINE/TENOFOVIR
07576 ALIGN	08102 IODOQUINOL
07579 ASHWAGANDHA	08124 FIBER CAPSULES
07601 POLYMYCIN	08128 IBUTILIDE
07616 DERMABOND	08129 ALPHA E
07622 FLUARIX	08134 ADHD MEDS
07623 COPPER	

08137 BALSALAZIDE	08293 SITAGLIPTIN
08140 CYCLOGYL	08297 HYALGAN
08142 PSORIZIDE	08303 BACITRACIN ZINC
08145 CYCLOMYDRIL	08306 PHENYTOIN SODIUM EXTENDED
08147 MICRO-K	08307 ATROPINE/HYOSCYAMINE/ PB/SCOPOL
08149 ADVAIR	08308 SENNA PLUS
08151 FLECTOR	08317 BACITRACIN W/NEOSPORIN
08153 CYCLOPHOSPHAMIDE	08326 EXCEDRIN EXTRA STRENGTH
08156 DIVIGEL	08335 D-5
08157 COMBIGAN	08337 RESVERATROL
08161 ROSUVASTATIN	08340 D-50
08165 ACULAR	08341 CALCIUM CARBONATE W/VIT D
08166 ZYDIS	08343 OCEAN NASAL SPRAY
08167 SULFACET-R	08347 ADVIL PM
08174 ERYTHROMYCIN BENZOYL PEROXIDE	08354 VICODIN HP
08177 ONE A DAY WOMENS FORMULA	08357 TRIPLE MIX DS
08180 CYPROHEPTADINE	08367 ANTIVERTIGO DRUGS
08181 DILTIAZEM CD	08378 VARENICLINE
08186 PRENATAL VITIMINS W/OMEGA 3	08384 BLOOD PRESSURE MEDICATION
08188 ACTIVIA	08388 CLOBEX SPRAY
08190 CYSTEX	08392 NIZORAL & SELSUN SHAMPOO
08191 GLIPIZIDE/METFORMIN	08394 LOPRESSOR HCT
08196 ECZEMA CREAM	08399 OLUX E FOAM
08197 TREXIMET	08413 LACTAID
08202 ALBUTEROL/IPRATROPIUM	08418 POLYMYXIN B SULFATE DROPS
08203 OMNARIS	08423 PENTACEL
08204 TADALAFIL	08426 DOXYLAMINE
08205 CYSTOSPAZ	08432 NOVOLOG FLEXPEN
08209 MUCINEX D	08437 OMNIPRED
08211 GEL TEARS	08439 FLORICET
08212 SEROQUEL XR	08440 DAPSONE
08222 SALINE LOCK	08448 PEDIATRIC MULTIVITAMINS
08224 CITRANATAL	08452 TUSSIONEX PENNKINETIC
08228 CHLORPHENIRAMINE/ HYDROCODONE	08468 ROCEPHIN W/LIDOCAINE
08230 CYTOMEL	08476 DHA
08231 TROPONIN	08478 COREG CR
08234 PRISTIQ	08481 ADIPEX-P
08245 CYTOXAN	08482 LMX CREAM
08246 OXYCODONE ER	08501 METHYLCOBALAMIN
08247 IODOFORM	08513 OPHTHALMIC SOLUTION
08249 PATANASE	08521 RECLIPSEN
08254 SUDAFED PE	08522 RECLAST
08258 NIASPAN ER	08537 H2O
08261 ALVESCO	08546 ESTER-C
08264 FLURA DROPS	08547 PCV
08272 PHENYLEPHRINE/GUAIFENESIN	08550 FSH
08273 KYOLIC	08551 A/B OTIC
08279 PROSTATE MEDICATION	08552 PEG 3350
08283 ATRALIN GEL	08553 HIB-PRP-T
08284 DABIGATRAN	08561 CENTURY
08286 MULTIHANCE	08562 TOPICAL C
08289 MAITAKE	08565 DEBROX
	08567 BIOTENE

08574	FLUOROQUINOLONES	09120	DEXEDRINE
08585	DECADRON	09122	ULORIC
08587	MYCAMINE	09126	SKINCEUTICALS PHLORETIN
08591	ISENTRESS	09129	LOCOID LIPOCREAM
08592	NEBIVOLOL	09137	PIMECROLIMUS
08595	DECADRON PHOSPHATE	09140	APPLE CIDER VINEGAR
08598	NEPAFENAC	09146	MULTIVITAMIN FOR HER
08603	SKIN CREAM	09149	INSULIN R
08619	RALTEGRAVIR	09151	STEROID
08621	NATURE-THROID	09156	COVARYX
08624	CETRAXAL	09167	COMPOUND MEDICATION
08628	KELO-COTE	09170	DEXTROAMPHETAMINE
08637	IODIXANOL	09173	DEXTROMETHORPHAN COUGH
08642	GYMNEMA	09175	DEXTROSE
08661	OMALIZUMAB	09181	TOPICAL ANESTHETIC
08663	TAZAROTENE	09182	ENOXACIN
08667	IBANDRONATE	09184	XYLITOL
08670	DECONGESTANT	09199	LACOSAMIDE
08681	ETRAVIRINE	09213	ESZOPICLONE
08688	REGADENOSON	09216	BESIVANCE
08689	TETROFOSMIN	09218	THERACRAN
08691	MYOVIEV	09223	EFFIENT
08697	ELTA	09229	SULFONAMIDE
08745	DELESTROGEN	09230	CEFTRIAZONE W/LIDOCAINE
08753	DELSYM	09237	DEXLANSOPRAZOLE
08770	DELTASONE	09253	EPIPEN JR
08835	DEPAKENE	09259	LOTRIMIN ULTRA
08836	DEPAKOTE	09265	MILLIPRED
08860	DEPO-ESTRADIOL	09266	POLY-VENT DM
08865	DEPO-MEDROL	09279	DUREZOL
08870	DEPO-PROVERA	09281	SALMON OIL
08880	DEPO-TESTOSTERONE	09284	ACID REDUCER
09000	DERMOPLAST	09286	NUCYNTA
09001	HYDROLATUM	09287	HUMALOG MIX 50/50
09002	CONTRAST	09296	KEPPRA XR
09012	LIDOCAINE/TRIAMCINOLONE	09297	VALSARTAN/HYDROCHLORO- THIAZIDE
09020	DESIPRAMINE	09299	CALCIUM-CHOLECALCIFEROL
09025	DESITIN	09301	ANXIOLYTIC
09033	DESOWEN	09305	DIAMOX
09038	TOPICAL SKIN CREAM	09318	MYCOLOG II
09042	OLIVE LEAF EXTRACT	09319	DOCOSAHEXAENOIC
09046	LIDOCAINE/MAALOX/DONNATAL	09326	METFORMIN ER
09075	DEXAMETHASONE	09327	LEXISCAN
09077	GADOLINIUM	09329	URO-JET
09088	DEXAMETHASONE OPHTH	09338	GRAMICIDIN
09090	DEXAMETHASONE SODIUM	09344	PACKED RED BLOOD CELLS
09093	WOUND CLEANSER	09347	SODIUM SULAMYD
09095	DEXAMETHASONE SODIUM PHOSPHATE	09353	MULTAQ
09098	OCP	09354	MAGNEVIST
09108	DTAP-POLIO	09357	PROSTATE VITAMIN
09109	PREVIDENT	09364	DROSPIRENONE/ETHINYL ESTRADIOL
09119	ALAHIST DM		

09365	DIATRIZOATE	09583	LANTUS SOLOSTAR
09366	ANTIBACTERIAL SOAP	09585	DILANTIN
09368	KRILL OIL	09587	BUPROPION XL
09370	DIAZEPAM	09589	PROPRANOLOL ER
09376	MULTIVITAMIN W/THIAMINE/FOLATE	09597	KINRIX
09377	Z-PACK	09598	EYE LUBRICANT
09378	MAALOX MAX	09600	DILAUDID
09384	DEXMETHYLPHENIDATE	09601	REVELA
09389	THIAMINE/FOLATE	09614	ZOLPIDEM
09390	DIBUCAINE	09616	VOSOL
09391	SAPHRIS	09618	ASTEPRO
09392	LET GEL	09619	TELMISARTAN/HCTZ
09396	INTUNIV	09621	NIFEDIPINE XL
09398	PRENATAL DHA TABS	09622	CORDAN
09399	ADVIL ALLERGY SINUS	09624	CLOBETASOL PROPIONATE
09408	FOSINOPRIL/HCTZ	09626	JUNEL
09409	VITAMIN B & D	09628	JOLIVETTE
09411	SILVER NITRATE/ POTASSIUM NITRATE	09643	EPICERAM CREAM
09418	MAALOX ADVANCED MAXIMUM STRENGTH	09645	EPIDUO
09426	MULTIVITAMIN SENIOR	09647	OCELLA
09433	DICLOXACILLIN	09648	RELISTOR
09438	OMEGA 3/6/9	09651	ACETAMINOPHEN-TRAMADOL
09441	TUMS ULTRA	09652	TRILIPIX
09442	SUPER OMEGA	09655	IV FLUIDS
09444	ONGLYZA	09656	PRIVIGEN
09449	VECTICAL	09657	LIDOCAINE/TETRACAINE
09451	MUCINEX MAX STRENGTH	09669	XYLOCAINE-MPF
09453	FELODIPINE ER	09673	HYDROXYPROPYL
09455	DICYCLOMINE	09686	TETRIX
09462	TRANXENE T	09687	TESTOSTERONE CYPIONATE
09469	RENAL MEDS	09690	DIMETAPP
09473	MYLANTA/VISCOUS XYLOCAINE	09691	CIMZIA
09481	MENTHOL/METHYL SALICYLATE	09701	DIGESTIVE ENZYMES
09483	CYCLOGYL/NEO-SYNEPHRINE	09702	AZO
09486	OCUFEN/CYCLOGYL/MYDRIACYL	09703	THYROID DESICCATED
09491	NEO-SYNEPHRINE/MYDRIACYL	09711	LEVOCARNITINE
09504	THROMBIN	09716	KETOCONAZOLE SHAMPOO
09505	TRI-SPRINTEC	09718	EXENATIDE
09511	SODIUM CALTRATE	09721	UBIDECARENONE
09536	NATAZIA	09722	CHOLECALCIFEROL
09540	DIGITOXIN	09728	MOTRIN PM
09545	DIGOXIN	09732	INSULIN PUMP
09554	TETRAVISC	09734	ASPIRIN/ACETAMINOPHEN/CAFFEINE
09556	PRILOCAINE	09741	FEROSUL
09561	HONEY	09748	PAIN EASE SPRAY
09562	DEXTROMETHORPHAN/GUAIFENSIN	09751	HYDROCODONE/IBUPROFEN
09569	SMZ TMP DS	09752	SULFAMETHAZOLE TRIMETHOPRIM
09571	NIACIN CR	09753	THYROID STIMULATING HORMONE
09576	POTASSIUM CITRATE	09756	WAL-ZYR
09577	NYQUIL	09757	ACZONE
09579	DESOGESTREL ETHINYL-ESTRADIOL	09760	KETOTIFEN FUMARATE
09582	OXYCODONE CR	09768	NEUTROGENA SHAMPOO
		09772	TOVIAZ
		09774	CIPRO/HYDROCORTISONE

09783	INSULIN 70/30	09957	ALAWAY EYE DROPS
09787	HYDROCORTISONE OTIC	09958	RIVAROXABAN
09788	GRAMICIDIN/NEOMYCIN/POLYMYXIN B	09964	DIASSTAT ACUDIAL
09789	PERFLUTREN	09968	APRISO
09793	WOUND PREP	09974	BOTULINUM
09794	ALTACAINE	09975	DISULFIRAM
09797	RAPAFLO	09976	COLD AND SINUS MED
09801	AZASITE	09979	SODIUM POLYSTYRENE SULFONATE
09806	LETAIRIS	09982	BMX SOLUTION
09809	ASPIR-LOW	09990	DIPHThERIA TETNUS TOXOIDS PERTUSSIS
09813	MOVIPREP	09993	DIPHThERIA TOXOID
09820	DIPH TET TOXOIDS PERTUSSIS	09995	DITROPAN
09821	PHENERGAN VC	10004	LUBRICANT DROPS
09827	GADOBENATE DIMEGLUMINE	10006	DYSPORT
09834	DITROPAN XL	10008	RENAL GEL
09839	DIPHENHIST	10014	TRI-LUMA
09843	FERROSOL	10017	BENZEFOAM
09846	CLAVULANATE	10018	VEREGEN
09847	SITZ BATH	10021	MACUVITE TAB
09848	ACELLULAR PERTUSSIS	10026	GLUCOSAMINE AND CHONDROITIN W MSM
09849	ENALAPRILAT	10028	INVEGA SUSTENNA
09850	DIPHENHYDRAMINE	10033	MULTIVITAMIN W/ LUTEIN
09853	GLIPIZIDE XL	10044	L-THEANINE
09854	SAVELLA	10046	VIVELLE-DOT
09856	ROTARIX	10053	SE-NATAL
09857	NITROPATCH	10061	ZENPEP
09861	NUVIGIL	10077	DIMETHICONE
09867	POTASSIUM BICARBONATE	10087	DOCUSATE
09869	AMLODIPINE/ATORVASTATIN	10089	DOCUSATE CALCIUM
09871	ESTRADIOL PATCH	10092	IPV
09876	POWERADE	10098	BENDAMUSTINE
09880	DIPHENOXYLATE HCL & ATROPINE SULFATE	10101	VINEGAR WASH
09882	DEXTROMETHORPHAN	10113	NERVE BLOCK
09886	REFRESH PLUS	10121	DULERA
09887	LOTION	10123	VICTOZA
09888	INSULIN DETEMIR	10130	DOLOPHINE
09900	DIPHThERIA TETANUS TOXOIDS	10135	DEXILANT
09910	VIMPAT	10144	SALT SOLUTION
09913	ZOVIA	10145	DOMEBORO
09914	EAR WAX REMOVAL	10149	LIDOCAINE/EPINEPHRINE/MARCAINE
09915	DIPROSONE	10156	D5 NS W/KCL
09917	SLEEP AID	10158	MVI-12
09920	DIPYRIDAMOLE	10161	ETHANOL
09924	DRONEDARONE	10166	BUPRENORPHINE-NALOXONE
09931	ETHINYL ESTRADIOL/ LEVONORGESTREL	10169	MCV4
09937	SRONYX	10180	DONATUSSIN
09944	RANOLAZINE	10181	LISDEXAMFETAMINE
09946	LOTEPREDNOL ETABONATE	10191	INFUSION THERAPY
09951	IV ANTIBIOTICS	10192	SALINE FLUSH
09954	DIVALPROEX	10202	BEPREVE
		10204	BUTALBITAL-ACETAMINOPHEN

10206 GAVILYTE-N	10399 CIPROFLOXACIN-DEXAMETHASONE
10207 TRI-LO-SPRINTEC	10408 LIRAGLUTIDE
10210 DONNATAL	10413 AFINITOR
10216 HPV VACCINE	10414 KIONEX
10224 RUFINAMIDE	10422 OMEGA FATTY ACIDS
10225 DOPAMINE	10423 SALINE CLEANSER
10228 CEVIMELINE	10437 PRASUGREL
10231 NEOMYCIN/POLYMYXIN B/HYDROCORTISONE	10440 DRISDOL
10232 ZYCLARA	10466 AZELAIC ACID
10236 ABACAVIR-LAMIVUDINE	10471 ZYMAXID
10244 TRIBENZOR	10478 VIMOVO
10246 INSULIN LISPRO MIX	10488 LEUKOTRIENE
10248 FEXOFENADINE-PSEUDOEPHEDRINE	10507 CLOBEVATE
10251 TROSPIMUM	10509 COLCRYST
10256 NICOTINE POLACRILEX	10518 DRY SOL
10261 LYSTEDA	10521 PHILLIPS COLON HEALTH
10266 GLUTATHIONE	10525 DSS
10272 STELARA	10526 INSULIN ISOPHANE AND REGULAR
10282 TIROSINT	10527 NATURAL SUPPLEMENT
10286 ATELVIA	10532 DUTASTERIDE/TAMSULOSIN
10295 CONSCIOUS SEDATION	10575 DULCOLAX
10296 METHYLSULFONYLMETHANE	10743 DURAMORPH
10301 VITAMIN D2	10800 DURICEF
10302 PAIN PATCH	10815 DYAZIDE
10304 JALYN	10865 DYRENIUM
10306 GIANVI	10905 E-MYCIN
10307 NASAL IRRIGATION	10925 EAR DROPS
10311 ZIRGAN	10975 ECOTRIN
10316 PCV 13	10985 EDECRIN
10322 HYDROCHLOROTHIAZIDE/ TRIAMTERENE	11014 PENNSAID
10325 DOXEPIN	11023 BEYAZ
10328 BRIMONIDINE-TIMOLOL	11024 URAMAXIN
10334 HEART PILL	11025 EFUDEX
10337 ADALIMUMAB	11028 URIBEL
10342 STERILID	11035 CAMBIA
10346 BUTTERBUR	11041 GILENYA
10347 VITAMIN B3	11044 SILENOR
10351 CENTRUM ULTRA MENS	11051 LIVALO
10354 TEKTRUNA HCT	11059 NUMOISYN
10355 DOXYCYCLINE	11065 ELAVIL
10356 PRADAXA	11066 XGEVA
10359 ACTEMRA	11071 DIFLUPREDNATE
10360 DOXYLAMINE SUCCINATE & PYRIDOXINE HCL	11077 VOTRIENT
10380 DRAMAMINE	11079 PARACERVICAL BLOCK
10386 BUTRANS	11096 BESIFLOXACIN
10389 DEXTROAMPHETAMINE/ AMPHETAMINE	11098 ADCIRCA
10393 LORATADINE-PSEUDOEPHEDRINE	11102 VENTAVIS
10396 DIAPER OINTMENT	11107 MACROLIDE
10397 POTASSIUM BICARBONATE/ POTASSIUM CITRATE	11113 FORTESTA
	11119 LASTACFT
	11128 PROLIA
	11130 ELECTROLYTE
	11141 L-METHYLFOLATE
	11142 LATUDA

11143 VIIBRYD	11669 ERYTHROMYCIN W/SULFISOXAZOLE
11151 HORIZANT	11688 ESGIC
11152 ELOCON	11740 ESTRACE
11154 EDARBI	11745 ESTRADIOL
11167 GUAR GUM	11765 ESTRATEST
11169 BIFERA	11800 ESTROGEN
11197 LURASIDONE	11850 ETHAMBUTOL
11203 NOVOFINE	11880 ETHINYL ESTRADIOL
11204 HYLANDS LEG CRAMP	11898 ETHOSUXAMIDE
11216 ZARAH	11915 ETHYL CHLORIDE
11218 SUPREP	11945 EUCERIN
11224 OFIRMEV	12000 MERREM
11226 TRAJENTA	12001 ACANYA
11227 GILDESS FE	12003 ADAPALENE-BENZOYL PEROXIDE
11228 QUINAPRIL-HCTZ	12006 MICROGESTIN
11256 VEGAN-PLANT PROTEIN	12007 MIDAZOLAM
11258 KOMBIGLYZE XR	12008 MORPHINE ER
11259 OB COMPLETE PREMIER	12009 ALENDRONATE
11264 ZYTIGA	12011 NEXPLANON
11266 PROCERA AVH	12013 NICOTINE PATCH
11267 MEDICAL MARIJUANA	12016 NORETHINDRONE
11269 DOK PLUS	12017 NORGESTREL/ETHINYL ESTRADIOL
11270 OXYMORPHONE	12019 AMILORIDE/HYDROCHLOROTHIAZIDE
11288 SUMAXIN	12021 AMLODIPINE/VALSARTAN
11296 VOLUVEN	12023 ORAPRED ODT
11306 WHEAT DEXTRIN	12025 EX-LAX
11318 IOVERSOL	12027 COLD MEDICATION
11332 PRO-STAT AWC	12028 OXYCODONE
11334 COMPLERA	12029 OXYBUTYNIN
11339 HIZENTRA	12031 OXYMETAZOLINE
11346 STRONTIUM	12033 PAIN MEDICATIONS
11353 DALIRESP	12034 PANTOPRAZOLE
11354 BUDESONIDE-FORMOTEROL	12035 EXCEDRIN
11355 ENFAMIL	12036 PARAGARD
11361 ALCAFTADINE	12039 ASCORBATE CALCIUM- BIOFLAVONOID
11376 ELITEK	12042 ASPIR 81
11384 ISOVUE-370	12046 PERCOCET
11385 DESVENLAFAXINE	12047 ATRALIN
11390 ENSURE	12049 AXIRON
11393 XARELTO	12050 EXSEL LOTION
11399 OLMESARTAN- HYDROCHLOROTHIAZIDE	12054 POLIO VACCINE
11410 ENUCLENE	12056 POLYMYXIN B-TRIMETHOPRIM
11430 ENZYMATIC DIGESTANT	12057 TUBERCULIN PURIFIED PROTEIN DERIVATIVE
11433 ENZYME	12060 BENZOCAINE/DEXTROMETHORPHAN
11480 EPHEDRINE SULFATE	12062 BIRTH CONTROL PILLS
11540 EPINEPHRINE	12064 BROMFENAC
11548 EPIPEN	12069 CARTEOLOL
11549 EPITOL	12071 CHERATUSSIN AC
11575 EPSOM SALT	12072 CHERATUSSIN DAC
11615 ERGOCALCIFEROL	12077 PROBIOTIC
11665 ERYTHROMYCIN	12078 EYE PREPARATION
11668 ERYTHROMYCIN OPHTHALMIC	

12081	PROCTOSOL HC	12216	HEPARIN PORCINE
12082	PROMETHAZINE DM	12217	FOSAPREPITANT
12083	CLARITHROMYCIN ER	12219	NATURAL BALANCE TEAR
12084	CLOBEX	12222	VIRASAL
12087	ROBITUSSIN D	12227	ZIOPTAN
12088	ROBITUSSIN DM	12231	RYNEX DM
12090	ROMYCIN	12236	CAMPHOR-MENTHOL
12096	SALINE MIST	12238	XIAFLEX
12097	MEGA RED	12244	VSL#3
12098	SALVAX DUO	12249	GENERESS FE
12101	SELENIUM SULFIDE	12255	FEOSOL
12102	SIMPLY SALINE	12257	ARMODAFINIL
12104	SINUS RINSE	12259	EYLEA
12107	SYNVISC-ONE	12261	QNASL
12108	DILTIAZEM ER	12263	ONFI
12112	TRADJENTA	12264	PHENYLEPHRINE-TROPICAMIDE
12116	FESOTERODINE	12272	TEFLARO
12118	VENLAFAXINE ER	12277	DUEXIS
12122	GUAIFENESIN DM	12281	JAKAFI
12123	ZYRTEC-D	12283	CRIZOTINIB
12126	INTEGRA	12285	FER-IN-SOL
12131	LEVULAN KERASTICK	12287	CETIRIZINE-PSEUDOEPHEDRINE
12132	TESTOPEL	12298	FRESHKOTE
12144	ZETONNA	12299	DYMISTA
12149	CORTISPORIN	12300	FERGON
12151	DEXTROMETHORPHAN/ PROMETHAZINE	12302	EUFLEXXA
12152	BYDUREON	12304	ORSYTHIA
12154	ESCITALOPRAM	12309	VANACOF DX
12157	LEVOCETIRIZINE	12311	STRIBILD
12158	LEUPROLIDE	12316	JENTADUETO
12161	MOMETASONE	12318	MYRBETRIQ
12163	CALCIPOTRIENE/ BETAMETHASONE DIPROPIONAT	12324	PICATO
12171	NORGESTIMATE-ETHINYL ESTRADIOL	12330	PERTUZUMAB
12176	PREPARATION H	12333	AMLEXANOX
12179	METFORMIN-SITAGLIPTIN	12337	BIFIDOBACTERIUM INFANTIS
12180	STAXYN	12342	BRILINTA
12187	PYRIL D	12356	PIRFENIDONE
12188	FOLBIC	12358	TROLAMINE SALICYLATE CREAM
12189	GARLIC	12365	FERRALET
12191	LEVALBUTEROL	12379	ANTI HISTAMINE-DECONGESTANT
12193	FELDENE	12392	FOLFIRINOX
12195	SALINE NASAL SPRAY	12393	FOLPLEX
12196	SULFAMETHOXAZOLE- TRIMETHOPRIM	12396	LINAGLIPTIN
12197	SUMATRIPTAN-NAPROXEN	12399	MATZIM LA
12200	EDARBYCLOR	12406	RESTORA
12202	FORMOTEROL-MOMETASONE	12410	FERRO
12209	EPIDURAL	12411	VILAZODONE
12211	OMEPRAZOLE-SODIUM BICARBONATE	12413	AFLURIA
12214	INTUNIV ER	12437	SYMLINPEN
		12444	XENAZINE
		12465	FERROUS FUMARATE
		12468	KYPROLIS
		12476	EMTRICITABINE/ RILPIVIRINE/TENOFOVIR

12479	CYANOACRYLATE	13118	FUROSEMIDE
12480	FERROUS GLUCONATE	13122	PROLENSA
12482	GADAVIST	13126	RISAMINE
12490	FERROUS SULFATE	13127	RISAQUAD
12521	FIBERCON	13130	SIMBRINZA
12550	FIORINAL	13132	SUMADAN
12585	FLAGYL	13136	V-GO
12605	FLEET BARIUM ENEMA	13141	ZUBSOLV
12615	FLEET BISACODYL	13144	THERALITH XR
12620	FLEET ENEMA	13147	TUDORZA
12622	FLEET GLYCERIN SUPPOSITORY	13148	VASCEPA
12635	FLEXERIL	13149	DIHYDROERGOTAMINE
12690	FLUOCINOLONE	13154	ELLA
12710	FLUOR-I-STRIP	13156	FOSFOMYCIN
12715	FLUORESCEIN	13159	TENIVAC
12735	FLUORIDE	13161	TICAGRELOR
12763	FLUOROMETHOLONE	13205	GARAMYCIN
12770	FLUOROURACIL	13215	GASTROGRAFIN
12780	FLUPHENAZINE	13220	GAVISCON
12810	FLURAZEPAM	13275	GELFOAM
12815	FLURESS	13320	GENTAMICIN
12830	FLUZONE	13455	GERITOL
12847	FML FORTE OPHTHALMIC	13515	GINSENG
12865	FOLIC ACID	13535	GLUCAGON
12880	FOLVITE	13550	GLUCOSE
12967	FORTAZ	13553	GLUCOTROL
13001	ALYACEN	13590	GLUTOSE
13002	AMLODIPINE/OLMESARTAN	13655	GLYCOPYRROLATE
13004	DELZICOL	13785	GRIFULVIN
13009	ELIQUIS	13800	GRISEOFULVIN
13012	GALZIN	13830	GUAIFENESIN & DEXTROMETHORPHAN HBR
13014	IRBESARTAN/ HYDROCHLOROTHIAZIDE	13835	GUAIFENESIN
13015	LISINAPRIL- HYDROCHLOROTHIAZIDE	13838	GUAIFENESIN W/CODEINE
13017	NAMENDA XR	13880	GUIATUSS A.C. SYRUP
13032	ABSORICA	13890	GUIATUSSIN W/CODEINE
13034	AFLIBERCEPT	14000	HALDOL
13035	FUL-GLO	14001	ACLIDINIUM
13036	ALBENZA	14002	APIXABAN
13041	AXITINIB	14006	GADOBUTROL
13044	BELVIQ	14008	ANORO ELLIPTA
13047	TECFIDERA	14009	AVIDOXY
13048	BLT	14013	BREO ELLIPTA
13063	DOLUTEGRAVIR	14014	ACETAMINOPHEN/BUTALBITAL/ CAFFEINE
13081	FOSTEUM	14016	CALCIUM CARBONATE/MAGNESIUM CARBONATE
13087	ILEVRO	14018	FETZIMA
13088	INVOKANA	14021	MINIVELLE
13094	LINACLOTIDE	14022	OSENI
13097	LINZESS	14023	OTEZLA
13108	MINASTRIN	14032	ACTICLATE
13111	MIRABEGRON	14035	HALOG
13112	MIRVASO		

14039 ANECREAM	14985 HYDRODIURIL
14040 HALOPERIDOL	14990 HYDROGEN PEROXIDE
14042 APTIOM	15005 HYDROMORPHONE
14046 ATOVAQUONE-PROGUANIL	15013 BERBERINE
14049 AURSTAT	15019 GLYXAMBI
14061 BRINTELLIX	15022 MOVANTIK
14068 CHATEAL	15026 XULANE
14070 CICLODAN	15034 ELLURA
14073 CONTRAVE	15040 HYDROQUINONE
14076 DAPAGLIFLOZIN	15043 HYSINGLA ER
14083 ENZALUTAMIDE	15053 MYZILRA
14086 FABIOR	15068 SAXENDA
14087 FARXIGA	15070 HYDROXYCHLOROQUINE
14088 FIRAZYR	15071 STENDRA
14092 GARCINIA CAMBOGIA	15072 STIOLTO
14096 GOLIMUMAB	15074 TRIMIX
14102 JARDIANCE	15090 HYDROXYUREA
14103 JUBLIA	15100 HYDROXYZINE
14113 OXTELLAR XR	15105 HYDROXYZINE PAMOATE
14117 PODIAPN	15115 HYGROTON
14119 QUILLIVANT XR	15195 HYPERAB
14122 TIVICAY	15305 HYTONE
14124 TRIUMEQ	15307 HYTRIN
14125 UCERIS	15395 IBUPROFEN
14131 ABACAVIR-DOLUTEGRAVIR- LAMIVUDINE	15455 ICY HOT ANALGESIC BALM
14180 HEMORRHOIDAL OINTMENT	15495 ILOTYCIN
14195 HEMORRHOIDAL SUPPOSITORY	15520 IMIPRAMINE
14203 HEMOSTATIC AGENT	15545 IMODIUM
14240 HEPARIN	15555 IMURAN
14245 HEPARIN LOCK FLUSH SOLUTION	15575 INDERAL
14340 HEXADROL	15590 INDOCIN
14370 HEXAVITAMIN	15600 INDOMETHACIN
14415 HIBICLENS	15655 INOSITOL
14440 HIPREX	15680 INSULIN
14645 HOMATROPINE	15705 INTROPIN
14648 HOMATROPINE HYDROBROMIDE	15710 INULIN
14683 HORMONE	15730 IODINE
14713 HUMAN CHORIONIC GONADOTROPIN	15805 IOPIDINE
14727 HUMULIN	15870 IRON PREPARATION
14730 HURRICAINA	15910 IRRIGATING SOLUTION
14750 HYALURONIDASE	15990 ISONIAZID
14770 HYCODAN	16000 DICLEGIS
14840 HYDRALAZINE	16001 ONEXTON
14855 HYDRALAZINE- HYDROCHLOROTHIAZIDE- RESERPI	16002 AVENOVA
14875 HYDREA	16004 COSENTYX
14930 HYDROCHLOROTHIAZIDE	16006 ENTERAGAM
14940 HYDROCHLORULAN	16007 GENVOYA
14955 HYDROCODONE	16009 INCRUSE ELLIPTA
14960 HYDROCODONE PA SYRUP	16011 MYALEPT
14965 HYDROCORTISONE	16012 ORENITRAM
14975 HYDROCORTISONE W/NEOMYCIN	16013 SOOLANTRA
	16014 TANZEUM
	16016 TOUJEO SOLOSTAR
	16017 TROKENDI XR

16018 TRULICITY	16093 E-Z GAS II
16020 ISOPROPYL ALCOHOL	16094 INVOKAMET
16021 MIMVEY	16095 ISORDIL
16022 ALA-QUIN	16096 JADENU
16023 ANA-LEX	16097 HYCOFENIX
16024 ANASEPT	16105 ISOSORBIDE
16026 ARISTADA	16210 K-LOR
16027 BELSOMRA	16245 K-PHOS
16028 CSF POWDER	16268 K-TAB
16029 DEBLITANE	16365 KAOPECTATE
16031 FORFIVO XL	16440 KAY CIEL
16032 GOTU KOLA	16455 KAYEXALATE
16033 KERYDIN	16472 KEFLET
16034 KLIGMANS FORMULA	16475 KEFLEX
16036 LUZU	16485 KEFZOL
16037 BUPROPION-NALTREXONE	16505 KENALOG
16038 PAZEO	16585 KETALAR
16039 REXULTI	16590 KETAMINE
16041 ROMIPLOSTIM	16605 KETOSTIX
16042 SELRX	16645 KINEVAC
16043 SITAVIG	16650 KLARON
16044 SULFACLEANSE	16710 KLOR-CON
16046 TRUMENBA	16800 KONSYL
16047 VANAHIST PD	16870 KWELL
16048 VORTIOXETINE	16915 LACRI-LUBE
16049 VEGF/VEGFR INHIBITOR	16940 LACTIC ACID
16051 VELTASSA	16950 LACTINEX
16052 ILOPERIDONE	16955 LACTOBACILLUS ACIDOPHILUS
16053 POMALIDOMIDE	16975 LACTULOSE
16054 REPATHA	17070 LANOLIN
16061 ENTRESTO	17115 LANOXIN
16063 LEMTRADA	17165 LASIX
16064 OPSUMIT	17243 LAXATIVE
16066 NIVOLUMAB	17265 LECITHIN
16069 MULTIVITAMINS W/MINERALS W/ LUTEIN W/ Z	17320 LEUCOVORIN
16071 ALIROCUMAB	17355 LEVOPHED
16072 VITAMIN D3 W/ VITAMIN K2	17365 LEVOTHROID
16074 NEUTRASAL	17370 LEVOTHYROXINE
16076 INSULIN DEGLUDEC	17375 LEVSIN
16077 VRAYLAR	17440 LIBRAX
16079 TRIAMCINOLONE/5-FLUOROURACIL	17450 LIBRIUM
16081 NEOADJUVANT TCHP	17460 LICORICE COMPOUND
16082 OBIZUR	17475 LIDEX
16083 OBINUTUZUMAB	17485 LIDOCAINE
16084 PALBOCICLIB	17490 LIDOCAINE HCL
16086 SELEXIPAG	17495 LIDOCAINE HCL W/EPINEPHRINE
16087 XIIDRA	17540 LINCOCIN
16088 PREZCOBIX	17548 LINDANE
16089 KCENTRA	17560 LIORESAL
16090 ISOPTO TEARS	17563 LIOTHYRONINE SODIUM
16091 GLYCOPROTEIN IIB/IIIA INHIBITORS	17600 LIPOFLAVONOID
16092 XENON	17635 LIPOVITE
	17705 LISTERINE

17715 LITHIUM	19070 METHOCARBAMOL
17725 LITHOBID	19090 METHOTREXATE
17833 LOCAL ANESTHETIC	19118 METHYCLOTHIAZIDE
17834 LOCOID	19130 METHYL SALICYLATE
17840 LOESTRIN	19140 METHYLCELLULOSE
17865 LOMOTIL	19155 METHYLDOPA
17880 LOPERAMIDE	19160 METHYLENE BLUE
17883 LOPID	19175 METHYLPHENIDATE
17885 LOPRESSOR	19180 METHYLPREDNISOLONE
17888 LORAZEPAM	19208 METOCLOPRAMIDE
17925 LOTRIMIN	19210 METOLAZONE
17940 LOXAPINE	19218 METOPROLOL
17970 LUBRICATING JELLY	19233 METRONIDAZOLE
18015 LUMINAL	19242 MEVACOR
18020 LURIDE DROPS	19280 MICATIN
18050 LYSINE	19290 MICONAZOLE
18125 MAALOX	19320 MICRONOR
18130 MACRODANTIN	19350 MIDOL
18188 MAGNESIA ALUMINA/SIMETH	19360 MIDRIN
18189 MAGNESIUM CARBONATE	19375 MILK OF MAGNESIA
18190 MAGNESIUM CHLORIDE	19445 MINERAL OIL
18195 MAGNESIUM CITRATE	19455 MINIPRESS
18200 MAGNESIUM GLUCONATE	19460 MINOCIN
18205 MAGNESIUM OXIDE	19465 MINOCYCLINE
18215 MAGNESIUM SULFATE	19478 MINOXIDIL
18221 MAGNESIUM/ALUMINUM HYDROXIDE	19635 MICONAZOLE NITRATE
18345 MANNITOL	19650 MORPHINE
18395 MARCAINE	19675 MOTRIN
18400 MARCAINE HCL W/EPINEPHRN	19680 MOUTHWASH
18498 MAXAIR	19699 MS CONTIN
18515 MAXIDEX	19715 MUCOMYST
18520 MAXITROL	19785 MULTI-VITAMIN
18523 MAXZIDE	19815 MULTIPLE VITAMIN
18552 MEBENDAZOLE	19825 MULTIPLE VITAMINS
18555 MECLIZINE	19835 MULTIPLE VITAMINS W/MINERALS
18640 MEDROL	19840 MULTIVITAMIN
18643 MEDROXYPROGESTERONE	19853 MULTIVITAMIN/FLUORIDE
18645 MEFOXIN	19860 MULTIVITAMIN THERAPEUTIC W/MINERALS
18655 MEGACE	19865 MULTIVITAMIN/MULTIMINERAL
18663 MEGESTROL	19870 MULTIVITAMINS & MINERALS
18695 MENEST	19948 MUSCLE RELAXANT
18745 MENTHOL	20000 MYAMBUTOL
18750 MENTHOLATUM	20055 MYCOLOG
18760 MEPERIDINE	20060 MYCOSTATIN
18775 MEPHYTON	20075 MYDRIACYL
18795 MEPROBAMATE	20080 MYLANTA
18820 MERCAPTOPYRINE	20095 MYLICON
18920 MESTINON	20135 MYSOLINE
18930 METAMUCIL	20185 NAFTIN
18980 METHACHOLINE	20255 NAPHAZOLINE
18985 METHADONE	20260 NAPHCN
19025 METHAZOLAMIDE	20270 NAPHCN-A
19035 METHENAMINE	20285 NAPROSYN
19045 METHERGINE	

20290	NAPROXEN	22270	OXSORALEN
20310	NARCAN	22287	OXYBUTYNIN CHLORIDE
20315	NARDIL	22303	OXYCODONE HCL
20455	NEBCIN	22305	OXYCODONE HCL & ACETAMINOPHEN
20595	NEO-SYNEPHRINE	22306	OXYCODONE W/APAP
20690	NEOMYCIN	22308	OXYCODONE W/ASPIRIN
20693	NEOMYCIN-POLYMYXIN B	22315	OXYGEN
20730	NEOSPORIN	22323	OXYMETAZOLINE HCL
20798	NEPHROCAPS	22345	OXYTOCIN
20815	NESACAINE	22520	PAMELOR
20830	NEUT	22640	PANCREATIN
20835	NEUTRA-PHOS	22675	PANOXYL
20855	NEUTROGENA	22810	PARAFON FORTE
20885	NIACIN	22845	PAREGORIC
20890	NIACINAMIDE	22858	PARENTERAL NUTRITION/VIA FLEX
20970	NICOTINAMIDE	22875	PARLODEL
21065	NILSTAT	22885	PARNATE
21090	NIPRIDE	23120	PEDIALYTE
21130	NITRO-BID	23215	PENICILLIN
21143	NITRO-DUR	23221	PENICILLIN G POTASSIUM
21145	NITROFURANTOIN	23223	PENICILLIN PROCAINE
21160	NITROGLYCERIN	23225	PENICILLIN V
21170	NITROL	23228	PENICILLIN V POTASSIUM
21176	NITROLINGUAL	23230	PENICILLIN VK
21185	NITROSTAT	23285	PENTAZOCINE
21195	NITROUS OXIDE	23370	PEPTO-BISMOL
21203	NIZORAL	23385	PERCOCET-5
21245	NOR-Q.D.	23390	PERCODAN
21278	NORETHIN	23400	PERCOGESIC
21280	NORFLEX	23430	PERI-COLACE
21373	NORMODYNE	23440	PERIACTIN
21400	NORPRAMIN	23523	PERPHENAZINE
21403	NORTRIPTYLINE	23535	PERSANTINE
21513	NTG	23585	PETROLATUM
21550	NUBAIN	23610	PHAZYME
21645	NYDRAZID	23715	PHENAZOPYRIDINE
21695	NYSTATIN	23755	PHENERGAN
21701	NYSTATIN W/TRIAMCINOLONE	23790	PHENERGAN VC EXPECTORANT W/CODEINE
21750	OCEAN MIST	23798	PHENERGAN W/CODEINE
21752	OCTAMIDE	23845	PHENOBARBITAL
21754	OCUFEN	23855	PHENOBARBITAL & BELLADONNA
21765	OGEN	23935	PHENOL
21785	OLIVE OIL	23970	PHENTERMINE
21795	OMNIPEN	24015	PHENYLEPHRINE
21860	OPIUM	24045	PHENYTOIN
21925	ORABASE	24175	PHYTONADIONE
21995	ORETIC	24185	PILO
22065	ORPHENADRINE	24195	PILOCARPINE
22090	ORTHO-NOVUM	24255	PITOCIN
22110	OS-CAL	24300	PLAQUENIL
22160	OTIC DROPS	24310	PLASMA-LYTE
22215	OVRAL		
22242	OXAZEPAM		

24355 PNEUMOVAX	25705 PSORIASIS CREAM
24411 POLOCAINE	25800 PYRAZINAMIDE
24415 POLY-VI-FLOR	25810 PYRIDIUM
24418 POLY-VI-FLOR W/IRON	25820 PYRIDOSTIGMINE
24420 POLY-VI-SOL	25825 PYRIDOXINE HCL
24445 POLYCITRA	25950 QUELICIN
24470 POLYMYXIN	25965 QUESTRAN
24510 POLYSPORIN	26035 QUINIDINE
24550 PONSTEL	26090 RABIES VACCINE
24555 PONTOCAINE	26199 RECOMBIVAX-HB
24650 POTASSIUM	26220 RECTAL OINTMENT
24653 POTASSIUM CHLORIDE	26255 REGLAN
24655 POTASSIUM CHLORIDE & SOD CHLOR	26453 RESTORIL
24680 POTASSIUM CHLORIDE 40 MEQ D5-W	26475 RETIN-A
24695 POTASSIUM GLUCONATE	26510 RHEUMATREX
24730 POTASSIUM PHOSPHATE	26685 RIBOFLAVIN
24795 PRAMOSONE	26715 RIFAMPIN
24798 PRAMOXINE HC	26760 RITALIN
24805 PRAZOSIN	26785 ROBAXIN
24830 PRE-NATAL VITAMINS	26805 ROBINUL
24850 PRED FORTE	26810 ROBINUL FORTE
24885 PREDNISOLONE	26830 ROBITUSSIN
24890 PREDNISONE	26835 ROBITUSSIN A-C SYRUP
24950 PREMARIN	26840 ROBITUSSIN-CF
24960 PREMARIN VAGINAL	26870 ROCALTROL
24975 PRENATAL FORMULA (VITAMINS)	26883 ROGAINE
24985 PRENATAL W/FOLIC ACID	26890 ROLAIDS
24988 PRENATAL W/FOLIC ACID & IRON	26958 ROXICET
24990 PRENATAMIN	27300 SALAGEN
25055 PRIMIDONE	27340 SALICYLATE
25078 PRINIVIL	27345 SALICYLIC ACID
25150 PROBENECID	27368 SALINE
25155 PROBENECID W/COLCHICINE	27405 SALSALATE
25213 PROCARDIA	27423 SANDIMMUNE SANDOPAK
25220 PROCHLORPERAZINE	27459 SARNA
25250 PROCTOFOAM	27545 SCOPOLAMINE
25255 PROCTOFOAM-HC	27725 SELENIUM
25305 PROGESTERONE	27730 SELSUN
25328 PROLASTIN	27735 SELSUN BLUE
25330 PROLIXIN	27749 SENEXON
25358 PROMETH	27770 SENNA
25365 PROMETHAZINE	27785 SENOKOT
25430 PROMETHAZINE VC W/CODEINE	27795 SENOKOT S
25432 PROMETHAZINE W/CODEINE	27816 SENSORCAINE
25433 PROMETHAZINE W/DM	27817 SENSORCAINE S-D W/EPINEPHRINE
25435 PROMETHAZINE W/PHENYLEPHRINE HCL	27835 SEPTRA
25485 PROPARACAINE	27840 SEPTRA DS
25510 PROPOXYPHENE	27855 SERAX
25638 PROVENTIL	27960 SIGTAB
25640 PROVERA	27985 SILVADENE
25674 PROZAC	27995 SILVER NITRATE
25695 PSEUDOEPHEDRINE	28015 SILVER SULFADIAZINE
	28030 SIMETHICONE
	28080 SINEMET

28085	SINEQUAN	30781	TENORETIC
28350	SKELAXIN	30782	TENORMIN
28358	SKIN PREPARATION	30800	TERAZOL
28455	SODIUM BICARBONATE	30805	TERBUTALINE
28460	SODIUM BIPHOSPHATE	30880	TESSALON PERLE
28490	SODIUM CARBONATE	30915	TESTOSTERONE
28495	SODIUM CHLORIDE	31005	TETANUS DIPHTHERIA TOXOID
28510	SODIUM CHLORIDE (PHYSIOLOGICAL SALINE)	31010	TETANUS IMMUNE GLOBULIN
28515	SODIUM CHLORIDE & DEXTROSE	31015	TETANUS TOXOID
28575	SODIUM CITRATE	31025	TETRACAINE
28610	SODIUM HYPOCHLORITE	31030	TETRACAINE HCL
28665	SODIUM PHOSPHATE	31045	TETRACYCLINE
28680	SODIUM SUCCINATE	31050	TETRACYCLINE HCL
28790	SOLU-CORTEF	31058	TETRAHYDROZOLINE HCL
28800	SOLU-MEDROL	31093	THALITONE
28825	SOMA	31235	THEOPHYLLINE
28833	SOMINEX	31325	THERAGRAN
28910	SORBITOL	31335	THERAGRAN-M
29250	SPIRONOLACTONE	31390	THERAPEUTIC MULTIVITAMIN
29255	SPIRONOLACTONE W/HYDROCHLOROTHIAZIDE	31455	THIAMINE
29285	STADOL	31542	THIOTHIXENE
29365	STELAZINE	31550	THORAZINE
29435	STERAPRED	31600	THYMOL
29488	STERILE WATER FOR IRRIGATION	31630	THYROID
29498	STEROID(S)	31655	TIGAN
29533	STOOL SOFTENER	31658	TIMOLOL
29581	STRESS TABLETS	31659	TIMOLIDE
29645	SUBLIMAZE	31660	TIMOPTIC
29660	SUCCINYLCHOLINE	31723	TOBRADEX
29705	SUDAFED	31725	TOBRAMYCIN
29785	SULAMYD SODIUM	31728	TOBREX OPHTHALMIC
29840	SULFAMETHOXAZOLE	31735	TOCOPHERYL
29865	SULFASALAZINE	31830	TOPICORT EMOLLIENT
29888	SULFATRIM	31927	TRANDATE
29980	SULFUR SOAP	31939	TRANSDERM-SCOP
29998	SULINDAC	31945	TRANXENE
30030	SUNSCREEN	31997	TRAZODONE
30195	SURFAK	32013	TRENTAL
30210	SURGI-SEP	32145	TRI-VI-SOL
30215	SURGICEL	32195	TRIAMCINOLONE
30305	SYMMETREL	32200	TRIAMCINOLONE ACETONIDE
30330	SYNALAR	32205	TRIAMCINOLONE DIACETATE
30395	SYNTHROID	32210	TRIAMCINOLONE NYSTATIN
30495	TAGAMET	32245	TRIAMINIC
30535	TALWIN	32273	TRIAMTERENE
30553	TAMOXIFEN	32310	TRICHLOROACETIC ACID
30585	TAPAZOLE	32363	TRIFLUOPERAZINE
30655	TEARS NATURALE	32430	TRIMOX
30730	TEGRETOL	32438	TRIMETHOPRIM
30756	TEMAZEPAM	32515	TRIPLE ANTIBIOTIC
30777	TENEX	32658	TROPICAMIDE
		32695	TUBERSOL
		32710	TUCKS

32735 TUMS	35080 XYLOCAINE HCL W/EPINEPHRINE
32855 TUSSIONEX	35085 XYLOCAINE VISCOUS
32905 TYLENOL	35155 ZAROXOLYN
32915 TYLENOL NO. 2	35210 ZEPHIRAN CHLORIDE
32920 TYLENOL NO. 3	35224 ZESTRIL
32925 TYLENOL NO. 4	35240 ZINC
32930 TYLENOL W/CODEINE	35250 ZINC OXIDE
32960 TYPHOID VACCINE	35260 ZINC SULFATE
33092 UNASYN	35338 ZOMAX
33215 UREA	35341 ZOVIRAX
33425 V-CILLIN	35350 ZYLOPRIM
33448 VACCINATION	35415 ANTIDEPRESSANT AGENT
33530 VALERIAN	35425 ANTIDIARRHEAL AGENT
33550 VALISONE	35445 ANTIFUNGAL AGENT
33555 VALIUM	35450 ANTIHISTAMINE
33573 VALPROIC ACID	35460 ANTIINFLAMMATORY AGENT
33580 VANCOCIN	35475 ANTINAUSEANT AGENT
33588 VANCOMYCIN	35500 ANTITHYROID AGENT
33625 VAPONEFRIN	35595 TRIMETHOPRIM/ SULFAMETHOXAZOLE
33630 VAPORUB	40185 BAYER ASPIRIN
33670 VASELINE	40250 BUTALBITAL/ASPIRIN/CAFFEINE
33780 VEETIDS	40285 CALTRATE
33843 VENTOLIN	40455 CYCLOPENTOLATE
33858 VERAPAMIL	40460 CYTOTEC
34090 VIBRAMYCIN	40520 DESYREL
34103 VICKS VAPORUB	40540 DEXTROSE SODIUM CHLORIDE
34110 VICODIN	40555 DEXTROSE W/POTASSIUM CHL
34248 VIROPTIC	40580 DIABETA
34260 VISINE	40605 DIPHENOXY/ATROP
34270 VISTARIL	40610 DIPHENOXYLATE
34360 VITAMIN A	40615 DIPROLENE
34425 VITAMIN B COMPLEX	40830 HYDRALAZINE W/HCTZ
34445 VITAMIN B COMPLEX W/B-12	40950 LOPROX
34450 VITAMIN B COMPLEX W/VITAMIN C	40955 LOZOL
34455 VITAMIN B-1	41115 MULTI VIT
34460 VITAMIN B-1 & B-12	41150 NASALCROM
34495 VITAMIN B-12	41200 NOSTRIL
34505 VITAMIN B-2	41310 POLY-VI-SOL W/IRON
34510 VITAMIN B-6	41315 POLYETHYLENE GLYCOL
34520 VITAMIN C	41470 SLOW FE
34565 VITAMIN D	41505 SPECTAZOLE
34575 VITAMIN E	41780 ZANTAC
34585 VITAMIN E NATURAL	41800 HCTZ
34623 VITAMIN K	41820 GLYCERIN SUPPOSITORIES
34625 VITAMIN(S)	41830 PSYLLIUM
34628 VITAMINS AND MINERALS	41850 KCL
34725 VOLTAREN	41855 NPH INSULIN
34775 WARFARIN	41860 FOLATE
34805 WATER PURIFIED	41875 CAPTOPRIL
34855 WESTCORT	41905 THYROXINE
35023 XANAX	41915 K-LYTE
35050 XEROFOAM DRESSING	42425 GOLYTELY
35060 XYLOCAINE	42780 NEOSPORIN OPHTHALMIC
35070 XYLOCAINE HCL	

42800	NORMAL SALINE	61295	ROCEPHIN
42815	NS W/KCL	61385	SULFACETAMIDE SODIUM
42985	PROPRANOLOL	61405	TAMBOCOR
42990	PROPRANOLOL W/HCTZ	61440	TEMOVATE
60035	ACLOVATE	61495	TOPICORT
60040	ADALAT	61565	VASOTEC
60115	AUGMENTIN	61570	VERSED
60125	AUGMENTIN 500	61605	WELLBUTRIN
60150	BACITRACIN OPHTHALMIC	61625	TRIAMTERENE W/HCTZ
60175	BENZAMYCIN	89009	ANUCORT-HC
60180	BENZTROPINE MESYLATE	89010	BETAMETHASONE DIPROPIONATE
60195	BETAMETHASONE SOD PHOSPHATE	89012	BROMFED-DM
60200	BETAMETHASONE VALERATE	89014	BUPIVACAINE W/EPINEPHRINE
60205	BETOPTIC	89015	CEFANEX
60265	BUPRENEX	89016	CHARCOAL, ACTIVATED W/ SORBITOL
60270	BUSPAR	89018	CLINDAMYCIN HCL
60325	CITRUCEL	89019	CLONIDINE HCL
60355	COLYTE	89020	CYCLOBENZAPRINE HCL
60370	CORDARONE	89025	DOXEPIN HCL
60385	CORTISPORIN OPHTHALMIC	89027	ERYTHROCIN LACTOBIONATE
60485	DORYX	89028	ERYTHROMYCIN ETHYLSUCCINATE
60500	DOXY-100	89031	ESTRADIOL VALERATE
60550	EYE DROPS	89035	FLUOCINONIDE
60555	EYE WASH	89037	HUMULIN 70/30
60565	FENTANYL CITRATE	89038	HYDROCODONE BITARTRATE W/APAP
60595	FIORICET	89039	HYDROCODONE W/ACETAMINOPHEN
60615	GAMMAGARD	89040	HYDROCORTISONE ACETATE
60640	GENTAMICIN OPHTHALMIC	89041	HYDROCORTISONE SOD SUCCINATE
60665	GLYCERIN	89042	HYDROXYPROGESTERONE CAPROATE
60735	INFLUENZA VIRUS VACC	89044	INSPIREASE
60765	ISOVUE	89045	LIDOCAINE HCL VISCOUS
60775	K-DUR	89049	METHYLPREDNISOLONE ACETATE
60780	KEFUROX	89050	MOTRIN IB
60790	KLONOPIN	89053	NITROFURANTOIN MACROCRYSTALS
60795	LACHYDRIN	89061	POLYTRIM
60800	LACTATED RINGER'S	89062	PRAZOSIN HCL
60835	LOTRISONE	89066	PRELONE
60870	MARINOL	89067	PROCARDIA XL
60920	MEXITIL	89068	PROCHLORPERAZINE EDISYLATE
60955	MURO TEARS	89069	PROCHLORPERAZINE MALEATE
60990	NALBUPHINE HCL	89076	SUPRAX
60995	NALOXONE HCL	89079	THERAFLU FLU, COLD, & COUGH
61025	NICORETTE	89080	TIMOLOL MALEATE
61045	NOVOLIN	89081	TOBRAMYCIN SULFATE
61080	OMNIPAQUE	91000	ALBUTEROL SULFATE
61100	ORUDIS	91002	AMILORIDE HCL
61130	PAIN RELIEVER	91003	ANTIPYRINE W/BENZOCAINE
61140	PEDIAPRED	91009	BUTALBITAL/APAP/CAFFAINE
61160	PEPCID	91014	DOXORUBICIN HCL
61185	PIPERACILLIN	91015	DOXYCYCLINE HYCLATE
61200	POSTURE		
61205	POVIDONE-IODINE		
61245	PROPRANOLOL HCL		

91027	GUAIFENESIN AC	92057	MONOPRIL
91028	HALOPERIDOL LACTATE	92059	MURO 128
91029	HYDROXYZINE HCL	92061	NASACORT
91034	LOTRIMIN AF	92063	NEOMYCIN/POLYMYXIN/DEXAMETH
91035	LUPRON DEPOT	92064	NITROGLYCERIN IN D5W
91039	NIFEDIPINE	92071	PEDIA-PROFEN
91043	PRILOSEC	92073	PLENDIL
91052	SSD	92076	PRAVACHOL
91058	VERELAN	92078	PROCRIT
91061	ACYCLOVIR	92084	ROBITUSSIN COUGH CALMERS
91062	ALPRAZOLAM	92087	STERILE WATER
91063	ATENOLOL	92100	ULTRAVATE
91064	AZTREONAM	92105	ZOFRAN
91066	BUSPIRONE HCL	92107	BENAZEPRIL
91068	CEFTAZIDIME	92109	CEFACLOR
91069	CEFTRIAZONE	92111	CIPROFLOXACIN
91072	DILTIAZEM HCL	92112	CLARITHROMYCIN
91073	DIMETHYL SULFOXIDE	92114	CLOMIPHENE
91074	ENALAPRIL	92115	CLOZAPINE
91078	FLECAINIDE ACETATE	92116	DICLOFENAC
91079	FLUOXETINE	92120	DOXAZOSIN MESYLATE
91081	GLIPIZIDE	92122	EPOETIN ALFA
91084	IPRATROPIUM BROMIDE	92123	ESTAZOLAM
91085	KETOCONAZOLE	92124	ETODOLAC
91088	LOVASTATIN	92125	FELODIPINE
91089	METHIMAZOLE	92126	FLUTICASONE
91090	MEXILETINE	92127	FOSCARNET
91091	MISOPROSTOL	92128	FOSINOPRIL
91096	OMEPRAZOLE	92130	HALOBETASOL
91099	RANITIDINE	92131	HEPATITIS B VACCINE
91102	TRETINOIN	92132	ISRADIPINE
92000	ACCUPRIL	92134	LEVONORGESTREL
92003	ALTACE	92135	MESALAMINE
92005	BENYLIN	92136	METIPRANOLOL
92006	BIAXIN	92137	METROGEL
92008	BROMADINE	92138	NADOLOL
92011	CALCIUM ANTACID	92140	OFLOXACIN
92012	CARDURA	92141	ONDANSETRON
92015	CILOXAN	92143	PENTOXIFYLLINE
92016	CLOZARIL	92144	PIMOZIDE
92017	CUTIVATE	92145	PIROXICAM
92018	DESOXIMETASONE	92146	PRAVASTAN
92019	DEXTRAN	92149	QUINAPRIL
92020	DEXTROSE 5%-LACTATED RINGERS	92150	RAMIPRIL
92024	DURAGESIC	92152	TERCONAZOLE
92031	FLOXIN	92154	ANAFRANIL
92033	FLUPHENAZINE DECANOATE	92156	DIFLUCAN
92038	GENTAMICIN SULFATE	92157	ELIMITE
92041	HYDROCODONE COMPOUND	92160	PRINZIDE
92042	HYDROMET	92161	TORADOL
92043	HYOSCYAMINE SULFATE	92162	TRIPHASIL
92051	LODINE	92163	ZESTORETIC
92052	LOTENSIN	92164	LISINOPRIL
92055	MIACALCIN	92175	ENDAL

92178 HUMIBID	93179 ZITHROMAX
92180 LORTAB	93181 ZOCOR
92187 PRENATE	93183 ZOLOFT
93009 ALBUMIN	93185 ZOSTRIX
93014 ALLERGY MEDICATION	93186 ANTIHYPERTENSIVE AGENT
93016 ANALPRAM HC	93187 NORVASC
93022 ARTIFICIAL TEAR SOLUTION	93188 NALTREXONE
93023 ASACOL	93193 SERTRALINE
93024 ASPERCREME	93197 RYTHMOL
93029 BETA CAROTENE	93199 ASTHMA MEDICATION
93030 BLEPH-10	93200 ACTIGALL
93035 CARBIDOPA	93202 CYCLOSPORINE
93036 CARDENE	93203 LABETALOL
93038 CEFZIL	93210 FIBER SUPPLEMENT
93040 CELLUVISC	93211 AMIODARONE
93041 CITRACAL	93212 PAXIL
93042 CONDYLOX	93213 GEMFIBROZIL
93045 DEPO PREDATE	93214 AZITHROMYCIN
93046 DERMA-SMOOTH	93215 FLUCONAZOLE
93057 ENULOSE	93218 ORTHO-CEPT
93062 FISH OIL	93220 KETOROLAC
93065 GAS-X	93222 SPORANOX
93067 GENTAK	93223 CISPLATIN
93070 GROWTH HORMONE	93224 CLARITIN
93071 HABITROL	93225 ETOPOSIDE
93073 HEMORRHOID PREPARATION	93226 ERYTHROPOIETIN
93078 INFED	93231 IMITREX
93080 ISMO	93232 BOTULISM TOXIN
93089 LORCET	93236 DRY EYE THERAPY
93090 MACROBID	93237 SIMVASTATIN
93094 ROMAZICON (MAZICON)	93238 BETAPACE
93098 MONODOX	93243 LAMISIL
93101 NASAL SPRAY	93248 SUMATRIPTAN
93102 NESTAB	93249 VALPROATE
93104 NEUPOGEN	93252 PHENTOLAMINE
93105 NICODERM	93256 PNEUMOCOCCAL VACCINE
93106 NICOTINE TRANSDERMAL SYSTEM	93257 LORATADINE
93109 NUTRITIONAL SUPPLEMENT	93258 CARBOPLATIN
93113 OCUVITE	93262 MIDAZOLAM HCL
93116 ORAGEL	93303 CEFOTAXIME
93120 PEDIASURE	93304 NEPHRO-VITE
93121 PERIDEX	93305 GLYBURIDE
93124 PINDOLOL	93306 ADENOCARD
93127 PROSCAR	93307 ENGERIX-B
93131 REFRESH	93308 DAKIN'S SOLUTION
93132 RELAFEN	93309 BENZODIAZEPINES
93136 RHOGAM	93311 PEDVAX HIB
93138 SALACID	93312 KETOPROFEN
93143 SHUR-CLENS	93313 DOBUTAMINE
93144 SLEEPING PILL	93315 PROPRAFENONE
93152 TAC	93316 MEFLOQUINE
93156 TOPROL XL	93325 EMLA
93166 VANTIN	93326 INJECTION

93327	ITRACONAZOLE	94016	ZIAC
93335	APRACLONIDINE	94018	BABY OIL
93337	PROPOFOL	94024	CONTACT LENS SOLUTION
93338	DEMECLOCYCLINE	94025	DERMATOP
93341	FELBATOL	94027	SHAMPOO
93344	SOAP	94029	NULYTELY
93345	DIPRIVAN	94031	IMDUR
93347	AMBIEN	94034	ORTHO-TRICYCLEN
93348	PHOSLO	94035	ZOLPIDEM TARTRATE
93352	FAMOTIDINE	94038	FACTOR VIII
93355	BUPROPION	94043	TYLENOL ALLERGY SINUS
93358	SCLEROSING AGENT	94044	AMINO ACID(S)
93362	TICLOPIDINE	94045	BEANO
93363	DESOGEN	94046	LACTOSE-FREE FORMULA
93368	DUODERM	94048	METROGEL VAGINAL
93371	MIDODRINE	94049	OYSTER SHELL CALCIUM
93372	BETASERON	94053	BETA BLOCKER
93373	UROCIT K	94054	ACE INHIBITOR
93383	IMMUNIZATION	94063	SODIUM TETRADECYL
93386	GI COCKTAIL	94070	EFFEXOR
93387	CEFOXITIN	94071	INDAPAMIDE
93392	TAXOTERE	94072	NSAID
93394	AEROSOL THERAPY	94073	OCUFLOX
93395	INHALER	94075	SEREVENT
93396	AMLODIPINE	94079	CORTICOSTEROID(S)
93399	OXAPROZIN	94080	DESMOPRESSIN
93400	NEBULIZER	94081	DIVALPROEX SODIUM
93404	SUCRALFATE	94082	GLAUCOMA MEDICATION
93405	SANDOSTATIN	94089	ICAPS
93417	CEFPROZIL	94098	NEDOCROMIL
93419	TRIAZOLAM	94099	NEURONTIN
93420	NEVIRAPINE	94100	NIZATIDINE
93421	SELENIUM SULFIDE SHAMPOO	94101	OXISTAT
93422	FLUNISOLIDE	94104	RISPERIDONE
93424	FLUDROCORTISONE ACETATE	94108	TECHNETIUM
93433	ALPROSTADIL	94110	LOZENGES
93442	HAEMOPHILUS B CONJUGATE VACCINE	94114	GABAPENTIN
93447	EMOLLIENT / LOTION / CREAM / MOISTURIZER	94116	HUMULIN R
93448	VECURONIUM	94117	LOVENOX
93449	RABIES IMMUNE GLOBULIN	94118	NAPHAZOLINE/PHENIRAMINE
93451	CLOMIPRAMINE	94119	NORETHINDRONE ACETATE
93453	RH IMMUNE GLOBULIN	94123	BECONASE AQ
93981	MEDICATION(S) – PRESCRIBED/PROVIDED/OTC	94124	CHOLESTYRAMINE
94001	SOTALOL	94125	ALEVE
94002	BENZONATE	94126	DEMADEX
94003	FLUMADINE	94127	DAYPRO
94004	PAROXETINE	94128	DAYQUIL
94007	ENEMA	94129	DOXY
94010	PENTASA	94131	GARLIC PILL
94011	CATAFLAM	94133	TERAZOSIN
94014	VENLAFAXINE	94134	DESONIDE
		94136	LAMIVUDINE
		94137	SULFA
		94139	CEFPODOXIME

94143	DEPO INJECTION	95116	CAPSAICIN
94145	OINTMENT	95118	HEPATITIS A VACCINE
94146	PENICILLIN G BENZATHINE	95119	MULTIVITAMIN W/ IRON
94149	ESGIC PLUS	95122	PREVACID
94153	ZONALON	95132	PAREMYD
94154	LESCOL	95133	METFORMIN
94158	RISPERDAL	95136	THEO
94163	ALOE VERA	95140	FLUVASTATIN
94172	IMMUNOSUPPRESSIVE DRUG	95141	NEFAZODONE
94174	RHINOCORT	95142	PREMPRO
94175	ANTIBACTERIAL AGENT	95144	LOTREL
94177	ARELIA	95145	MENINGOCOCCAL VACCINE
94179	NABUMETONE	95147	VAGINAL CREAM
94188	FENTANYL	95148	HEPATITIS C VACCINE
94189	FLUMAZENIL	95149	ZOSYN
94191	MONISTAT	95152	COZAAR
94192	HIV MEDICATION	95154	QUERCETIN
94196	OCTREOTIDE	95155	FLAX SEED OIL
95003	ECONAZOLE	95157	COLESTIPOL
95005	FLONASE	95160	CLIMARA
95013	GREEN GODDESS	95164	DORZOLAMIDE
95016	ADDERALL	95171	HYZAAR
95017	FAMVIR	95173	LEVBID
95020	NICARDIPINE	95174	PROGRAF
95023	CHILDRENS MOTRIN	95177	FINASTERIDE
95024	FLUVOXAMINE	95178	FIORICET/ CODEINE
95025	LUVOX	95181	LAMICTAL
95029	DOK	95182	VARIVAX
95036	BUPRENORPHINE	95183	FOSAMAX
95041	NITROPRUSSIDE	95186	ESMOLOL
95042	NOREPINEPHRINE	95192	CASODEX
95044	ROBITUSSIN W/ CODEINE	96003	PERMETHRIN
95045	TYLENOL PM	96005	ALENDRONATE SODIUM
95046	AMYLASE	96007	CETIRIZINE
95047	ATOVAQUONE	96008	HUMULIN N
95050	ULTRAM	96009	BENZOCAINE
95052	OPTIRAY	96010	VAPORIZER
95054	ACTHIB	96013	PALGIC
95057	DTAP	96020	LEVOXYL
95061	PAPAYA ENZYME	96021	TSH
95064	ZIDOVUDINE	96022	ZYRTEC
95065	ZEMURON	96024	CLOBETASOL
95072	BENZTROPINE	96027	DOCUSATE SODIUM
95074	DIMETAPP DM	96028	ACETAMINOPHEN-HYDROCODONE
95086	LIQUID NITROGEN	96029	ALBENDAZOLE
95088	ESTROPIPATE	96031	DRONABINOL
95089	METAXALONE	96033	LEVOBUNOLOL
95090	TAR PREPARATION SHAMPOO	96038	MUPIROCIN
95092	PRAVASTATIN	96041	TRAMADOL
95100	PROTEIN SUPPLEMENT	96042	NEORAL
95111	GLUCOPHAGE	96043	VALTREX
95112	HYPERTONIC SALINE	96044	NASAREL
95114	TRUSOPT	96045	DEMEROL

96049	HEPATITIS VACCINE	97011	MIGRAINE AGENT
96055	LEVOTHYROID	97012	PACLITAXEL
96059	PRENAVITE	97013	PREVALITE
96065	GEMCITABINE	97016	ARICEPT
96066	NORVIR	97017	HUMALOG
96067	ANTIOXIDANTS	97019	SAW PALMETTO
96072	TIAZAC	97020	LIPITOR
96079	CALCI-CHEW	97021	MUSE
96083	NAPRELAN	97027	FLINTSTONES VITAMINS
96084	OPCON-A	97028	ALPHAGAN
96087	VIBRA-TABS	97035	ASTELIN
96091	FLOVENT	97036	DIOVAN
96093	RITONAVIR	97037	PATANOL
96094	ACARBOSE	97038	GEMZAR
96095	ETOMIDATE	97045	LEVAQUIN
96097	COSYNTROPIN	97047	MAGNESIUM
96102	EC-NAPROSYN	97049	TOPAMAX
96105	TEGADERM	97050	VISIPAQUE
96107	BUMETANIDE	97052	VIRAMUNE
96109	OXYCONTIN	97055	ESTROSTEP
96110	CARNITOR	97056	MIRTAZAPINE
96111	AYR NASAL GEL	97060	FAMCICLOVIR
96115	SALMETEROL	97066	PANCREATIC ENZYME
96119	CAVERJECT	97070	TEARS NATURALE II
96121	DIMETAPP COLD/ALLERGY	97073	LOSARTAN
96122	REMERON	97075	GENTEAL
96123	ZEBETA	97078	ANDRODERM PATCHES
96124	HAVRIX	97084	ROCURONIUM
96125	MELATONIN	97085	TORSEMIDE
96127	CORTASTAT	97086	ALESSE
96130	LANSOPRAZOLE	97089	GUANFACINE
96133	ADAPALENE	97092	TRANDOLAPRIL
96135	PHENERGAN DM	97098	PRAMIPEXOLE
96137	DHEA	97105	COMBIVENT
96138	AMARYL	97109	REVIA
96141	VIVELLE	97111	TARKA
96147	CELLCEPT	97113	ZANAFLEX
96156	VITAFOL	97120	NISOLDIPINE
96157	AEROCHAMBER	97126	FLOMAX
96158	ALCLOMETASONE DIPROPIONATE	97129	ST JOHNS WORT
96161	DIFLORASONE DIACETATE	97130	TACROLIMUS
96164	BETIMOL	97132	MAXIPIME
96165	ELMIRON	97134	PLASMA
96167	XALATAN	97135	VALACYCLOVIR
96168	MAVIK	97136	LAMOTRIGINE
96169	ACIDOPHILUS	97142	COREG
96173	ZYPREXA	97145	AVAPRO
96174	ALLEGRA	97146	ESTRING
96176	DIFFERIN	97148	MITOMYCIN
96177	IMMUNO THERAPY	97150	REQUIP
97002	OLANZAPINE	97151	CHONDROITIN SULFATE
97004	CEFOTETAN	97152	MIRAPEX
97005	CEREBYX	97157	ATORVASTATIN
97010	GAMMA GLOBULIN	97159	CALCITRIOL

97162 FOSPHENYTOIN	98125 MYCOPHENLATE
97163 LEVOFLOXACIN	98126 FLUVIRIN
97168 SEROQUEL	98130 BOOST
97170 CENTRUM SILVER	98131 TOPIRAMATE
97174 BABY ASPIRIN	98136 PROMETRIUM
97179 DENAVIR	98139 TIZANIDINE
98001 MAG-OX	98141 VALSARTAN
98006 ARTHROTEC	98142 ALREX
98008 CARVEDILOL	98143 COPAXONE
98010 NASONEX	98144 KADIAN
98011 CONSTULOSE	98156 MAXALT
98017 PROPECIA	98158 TRICOR
98018 VANICREAM	98160 ARAVA
98022 ZOMIG	98161 CAPECITABINE
98025 MONUROL	98164 LOTEMAX
98026 ACNE MEDICATION	98167 GRAPESEED EXTRACT
98030 ECHINACEA	99001 CEFEPIME
98033 ALDARA	99002 CELEBREX
98036 NORCO	99005 REMICADE
98038 SINGULAIR	99008 ALLEGRA D
98041 VIAGRA	99010 MIRCETTE
98043 VICOPROFEN	99013 NASACORT AQ
98046 MICROZIDE	99014 OMNICEF
98049 DONEPEZIL HCL	99016 PRIMROSE OIL
98051 OS-CAL +D	99018 ROTAVIRUS VACCINE
98053 PREVPAC	99019 SYNVISC
98054 TAZORAC	99023 CORTISPORIN OTIC
98055 FOLLISTIM	99025 ACITRETIN
98056 GONAL-F	99026 GLUCOSAMINE
98065 DETROL	99028 TYLENOL ARTHRITIS
98071 THERAFLU	99029 PREDNISOLONE ACETATE
98072 ZAFIRLUKAST	OPHTHALMIC
98073 DOMPERIDONE	99031 ATACAND
98075 CALCIUM CITRATE	99033 CLOPIDOGREL
98078 ADVIL COLD AND SINUS	99036 GLUCOSAMINE CHONDROITIN
98080 RESINOL	99037 HUMULIN 50/50
98083 AZOPT	99039 LOTENSIN HCT
98085 NIASPAN	99042 PACERONE
98086 PLAVIX	99043 PROAMATINE
98089 TERBINAFINE	99046 RITUXAN
98090 ARIMIDEX	99047 SARNOL HC
98093 MONTELUKAST	99048 SODIUM SULFACETAMIDE AND
98095 SUSTIVA	SULFUR
98098 COSOPT	99051 AVALIDE
98099 GINKGO	99052 ACTIVATED CHARCOAL
98101 PRANDIN	99054 FERATAB
98102 SLEEPINAL	99056 GLIMEPIRIDE
98103 XELODA	99059 MICARDIS
98107 IRINOTECAN	99066 SINEMET CR
98109 CHLORHEXIDINE GLUCONATE	99073 CIPRO HC
98114 CARBATROL	99074 CITALOPRAM
98115 CELEXA	99075 ENBREL
98117 FENOFIBRATE	99076 GLUCOSAMINE SULFATE

99080	MIRALAX	99145	UROGESIC BLUE
99081	MULTIVITAMINS W/ FOLIC ACID	99146	VITAPLEX
99088	ZIAGEN	99148	ARMIDEX
99089	ACIPHEX	99155	L-CARNITINE
99090	ACTOS	99157	LOPIDINE
99098	NITROQUICK	99161	ROPINIROLE HCL
99099	PLETAL	99167	COQ-10
99101	QUETIAPINE FUMARATE	99168	CREATINE
99102	THERATEARS	99170	DR. SMITH'S OINTMENT
99106	XOPENEX	99172	NOVOLIN 70/30
99107	ZADITOR	99174	PHOSPHORUS
99108	BETA AGONIST	99187	ACTICIN
99109	BUFFERED LIDOCAINE	99189	CALCIUM W/ VITAMIN D
99112	D-5-W	99193	SAM-E
99114	ENDOCET	99194	ABACAVIR SULFATE
99117	LIDOCAINE BICARBONATE	99201	ORTHO-CYCLEN
99118	NECON	99202	PRENATAL VITAMINS W/ CALCIUM
99119	NITROPASTE	99203	RITUXIMAB
99123	MORPHINE SULFATE	99205	TETRABENAZINE
99125	NITRODRIP	99207	BRIMONIDINE
99127	LIDOCAINE/EPINEPHRINE/ TETRACAINE	99210	CARTIA
99128	LIPASE	99211	CITRACAL + D
99129	Q-PAP	99213	DIASTAT
99132	EVISTA	99214	DIOVAN HCT
99133	ALBUTEROL	99216	FEXOFENADINE
99137	HERBS	99218	FORMULA SUPPLEMENT
99138	KELP	99219	GINKGO BILOBA
99139	MAGIC MOUTHWASH	99221	GOSERELIN
99141	PIN-X	99223	LEVORA
99142	PRENATAL VITAMINS W/ IRON	99224	OMEGA-3
99144	RACEMIC EPINEPHRINE	99225	RALOXIFENE
		99999	ILLEGIBLE

C. MULTUM LEXICON END-USER LICENSE AGREEMENT

The Multum Lexicon End-User License Agreement for the 2016 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		
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	323	Antineoplastic monoclonal antibodies		
020	Antineoplastics	324	Antineoplastic interferons		
020	Antineoplastics	343	Tyrosine kinase inhibitors		
020	Antineoplastics	383	Antineoplastic detoxifying agents		
020	Antineoplastics	391	MTOR kinase inhibitors		
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		

LEVEL 1		LEVEL 2		LEVEL 3	
CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME
020	Antineoplastics	408	Histone deacetylase inhibitors		
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		
028	Biologicals	030	Antitoxins and antivenins		
028	Biologicals	034	In vivo diagnostic biologicals		
028	Biologicals	036	Erythropoiesis-stimulating agents		
028	Biologicals	390	Hematopoietic stem cell mobilizer		
040	Cardiovascular agents	041	Agents for hypertensive emergencies		
040	Cardiovascular agents	042	Angiotensin converting enzyme (ACE) inhibitors		
040	Cardiovascular agents	043	Antiadrenergic agents, peripherally acting		
040	Cardiovascular agents	044	Antiadrenergic agents, centrally acting		
040	Cardiovascular agents	045	Antianginal agents		
040	Cardiovascular agents	046	Antiarrhythmic agents	385	Group I antiarrhythmics
040	Cardiovascular agents	046	Antiarrhythmic agents	386	Group II antiarrhythmics
040	Cardiovascular agents	046	Antiarrhythmic agents	387	Group III antiarrhythmics
040	Cardiovascular agents	046	Antiarrhythmic agents	388	Group IV antiarrhythmics
040	Cardiovascular agents	046	Antiarrhythmic agents	389	Group V antiarrhythmics
040	Cardiovascular agents	047	Beta-adrenergic blocking agents	274	Beta blockers, cardioselective

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

LEVEL 1		LEVEL 2		LEVEL 3	
CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME
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
057	Central nervous system agents	058	Analgesics	278	Cox-2 inhibitors
057	Central nervous system agents	064	Anticonvulsants	199	Hydantoin anticonvulsants
057	Central nervous system	064	Anticonvulsants	200	Succinimide anticonvulsants

LEVEL 1		LEVEL 2		LEVEL 3	
CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME
	agents				
057	Central nervous system agents	064	Anticonvulsants	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
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

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

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

LEVEL 1		LEVEL 2		LEVEL 3	
CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME
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
097	Hormones/hormone modifiers	098	Adrenal cortical steroids	300	Corticotropin
097	Hormones/hormone modifiers	098	Adrenal cortical steroids	301	Glucocorticoids
097	Hormones/hormone modifiers	098	Adrenal cortical steroids	302	Mineralocorticoids
097	Hormones/hormone modifiers	100	Miscellaneous hormones		
097	Hormones/hormone modifiers	101	Sex hormones	102	Contraceptives
097	Hormones/hormone modifiers	101	Sex hormones	182	Androgens and anabolic steroids
097	Hormones/hormone modifiers	101	Sex hormones	183	Estrogens
097	Hormones/hormone modifiers	101	Sex hormones	184	Gonadotropins
097	Hormones/hormone modifiers	101	Sex hormones	185	Progestins

LEVEL 1		LEVEL 2		LEVEL 3	
CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME
097	Hormones/hormone modifiers	101	Sex hormones	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		
097	Hormones/hormone modifiers	416	Somatostatin and somatostatin analogs		
097	Hormones/hormone modifiers	417	Selective estrogen receptor modulators		
097	Hormones/hormone modifiers	418	Parathyroid hormone and analogs		
097	Hormones/hormone modifiers	419	Gonadotropin-releasing hormone antagonists		

LEVEL 1		LEVEL 2		LEVEL 3	
CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME
097	Hormones/hormone modifiers	420	Antiandrogens		
097	Hormones/hormone modifiers	422	Antithyroid agents		
097	Hormones/hormone modifiers	423	Aromatase inhibitors		
097	Hormones/hormone modifiers	424	Estrogen receptor antagonists		
097	Hormones/hormone modifiers	426	Synthetic ovulation stimulants		
097	Hormones/hormone modifiers	428	Progesterone receptor modulators		
097	Hormones/hormone modifiers	495	Calcimimetics		
105	Miscellaneous agents	106	Antidotes		
105	Miscellaneous agents	107	Chelating agents		
105	Miscellaneous agents	108	Cholinergic muscle stimulants		
105	Miscellaneous agents	109	Local injectable anesthetics		
105	Miscellaneous agents	110	Miscellaneous uncategorized agents		
105	Miscellaneous agents	111	Psoralens		
105	Miscellaneous agents	114	Illicit (street) drugs		
105	Miscellaneous agents	192	Antirheumatics		
105	Miscellaneous agents	270	Antipsoriatics		
105	Miscellaneous agents	284	Viscosupplementation agents		
105	Miscellaneous agents	320	Smoking cessation agents		
105	Miscellaneous agents	460	Phosphate binders		
105	Miscellaneous agents	491	Local injectable anesthetics with corticosteroids		
105	Miscellaneous agents	497	Cation exchange resins		

LEVEL 1		LEVEL 2		LEVEL 3	
CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME
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		
122	Respiratory agents	128	Expectorants		
122	Respiratory agents	129	Miscellaneous respiratory agents		
122	Respiratory agents	130	Respiratory inhalant products	296	Inhaled corticosteroids
122	Respiratory agents	130	Respiratory inhalant products	297	Mucolytics
122	Respiratory agents	130	Respiratory inhalant products	298	Mast cell stabilizers
122	Respiratory agents	130	Respiratory inhalant products	407	Inhaled anti-infectives
122	Respiratory agents	131	Antiasthmatic combinations		

LEVEL 1		LEVEL 2		LEVEL 3	
CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME
122	Respiratory agents	132	Upper respiratory combinations		
122	Respiratory agents	243	Leukotriene modifiers		
122	Respiratory agents	273	Lung surfactants		
122	Respiratory agents	435	Selective phosphodiesterase-4 inhibitors		
133	Topical agents	134	Anorectal preparations		
133	Topical agents	135	Antiseptic and germicides		
133	Topical agents	136	Dermatological agents	137	Topical anti-infectives
133	Topical agents	136	Dermatological agents	138	Topical steroids
133	Topical agents	136	Dermatological agents	139	Topical anesthetics
133	Topical agents	136	Dermatological agents	140	Miscellaneous topical agents
133	Topical agents	136	Dermatological agents	141	Topical steroids with anti-infectives
133	Topical agents	136	Dermatological agents	143	Topical acne agents
133	Topical agents	136	Dermatological agents	144	Topical antipsoriatics
133	Topical agents	136	Dermatological agents	248	Topical emollients
133	Topical agents	136	Dermatological agents	290	Topical antibiotics
133	Topical agents	136	Dermatological agents	291	Topical antivirals
133	Topical agents	136	Dermatological agents	292	Topical antifungals
133	Topical agents	136	Dermatological agents	380	Topical debriding agents
133	Topical agents	136	Dermatological agents	381	Topical depigmenting agents
133	Topical agents	136	Dermatological agents	382	Topical antihistamines
133	Topical agents	136	Dermatological agents	394	Topical astringents
133	Topical agents	136	Dermatological agents	395	Topical keratolytics
133	Topical agents	136	Dermatological agents	448	Topical non-steroidal anti-inflammatories
133	Topical agents	136	Dermatological agents	450	Topical antineoplastics
133	Topical agents	136	Dermatological agents	451	Topical photochemotherapeutics

LEVEL 1		LEVEL 2		LEVEL 3	
CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME
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
133	Topical agents	148	Otic preparations	172	Miscellaneous otic agents
133	Topical agents	148	Otic preparations	370	Otic steroids
133	Topical agents	148	Otic preparations	392	Otic anesthetics
133	Topical agents	148	Otic preparations	393	Cerumenolytics
133	Topical agents	150	Sterile irrigating solutions		
133	Topical agents	151	Vaginal preparations	149	Spermicides
133	Topical agents	151	Vaginal preparations	268	Vaginal anti-infectives

LEVEL 1		LEVEL 2		LEVEL 3	
CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME
133	Topical agents	151	Vaginal preparations	269	Miscellaneous vaginal agents
133	Topical agents	247	Nasal preparations	244	Nasal lubricants and irrigations
133	Topical agents	247	Nasal preparations	245	Nasal steroids
133	Topical agents	247	Nasal preparations	246	Nasal antihistamines and decongestants
133	Topical agents	247	Nasal preparations	344	Nasal anti-infectives
153	Plasma expanders				
218	Alternative medicines	219	Nutraceutical products		
218	Alternative medicines	220	Herbal products		
218	Alternative medicines	363	Probiotics		
242	Psychotherapeutic agents	249	Antidepressants	076	Miscellaneous antidepressants
242	Psychotherapeutic agents	249	Antidepressants	208	SSRI antidepressants
242	Psychotherapeutic agents	249	Antidepressants	209	Tricyclic antidepressants
242	Psychotherapeutic agents	249	Antidepressants	250	Monoamine oxidase inhibitors
242	Psychotherapeutic agents	249	Antidepressants	306	Phenylpiperazine antidepressants
242	Psychotherapeutic agents	249	Antidepressants	307	Tetracyclic antidepressants
242	Psychotherapeutic agents	249	Antidepressants	308	SSNRI antidepressants
242	Psychotherapeutic agents	251	Antipsychotics	077	Miscellaneous antipsychotic agents
242	Psychotherapeutic agents	251	Antipsychotics	079	Psychotherapeutic combinations
242	Psychotherapeutic agents	251	Antipsychotics	210	Phenothiazine antipsychotics
242	Psychotherapeutic agents	251	Antipsychotics	280	Thioxanthenes
242	Psychotherapeutic agents	251	Antipsychotics	341	Atypical antipsychotics
254	Immunologic agents	033	Immune globulins		
254	Immunologic agents	037	Toxoids		
254	Immunologic agents	039	Miscellaneous biologicals		
254	Immunologic agents	104	Immunosuppressive agents	441	Calcineurin inhibitors

LEVEL 1		LEVEL 2		LEVEL 3	
CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME
254	Immunologic agents	104	Immunosuppressive agents	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	257	Immunosuppressive monoclonal antibodies		
254	Immunologic agents	434	Sphingosine 1-phosphate receptor modulators		
254	Immunologic agents	436	BLyS-specific inhibitors		
254	Immunologic agents	437	Immunostimulants	031	Bacterial vaccines
254	Immunologic agents	437	Immunostimulants	032	Colony stimulating factors
254	Immunologic agents	437	Immunostimulants	038	Viral vaccines
254	Immunologic agents	437	Immunostimulants	256	Interferons
254	Immunologic agents	437	Immunostimulants	432	Vaccine combinations
254	Immunologic agents	437	Immunostimulants	438	Interleukins
254	Immunologic agents	437	Immunostimulants	439	Other immunostimulants
254	Immunologic agents	437	Immunostimulants	440	Therapeutic vaccines
331	Radiologic agents	027	Radiopharmaceuticals	338	Diagnostic radiopharmaceuticals
331	Radiologic agents	027	Radiopharmaceuticals	339	Therapeutic radiopharmaceuticals
331	Radiologic agents	112	Radiocontrast agents	333	Miscellaneous iodinated contrast media
331	Radiologic agents	112	Radiocontrast agents	334	Lymphatic staining agents
331	Radiologic agents	112	Radiocontrast agents	335	Magnetic resonance imaging contrast media
331	Radiologic agents	112	Radiocontrast agents	336	Non-iodinated contrast media
331	Radiologic agents	112	Radiocontrast agents	337	Ultrasound contrast media
331	Radiologic agents	112	Radiocontrast agents	368	Non-ionic iodinated contrast media
331	Radiologic agents	112	Radiocontrast agents	369	Ionic iodinated contrast media
331	Radiologic agents	112	Radiocontrast agents	464	Miscellaneous diagnostic dyes

LEVEL 1		LEVEL 2		LEVEL 3	
CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME
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		
358	Metabolic agents	289	Antihyperuricemic agents		
358	Metabolic agents	293	Glucose elevating agents		
358	Metabolic agents	359	Peripherally acting antiobesity agents		

LEVEL 1		LEVEL 2		LEVEL 3	
CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME
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		
365	Medical gas				
462	Allergenics				
899	Pharmaceutical aids				