ABSTRACT

This material provides documentation for users of the 2007 National Ambulatory Medical Care Survey (NAMCS) public use micro-data file. NAMCS is a national probability sample survey of visits to office-based physicians conducted by the National Center for Health Statistics, Centers for Disease Control and Prevention. It is a component of the National Health Care Surveys which measure health care utilization across a variety of health care providers. Section I, "Description of the National Ambulatory Medical Care Survey," includes information on the scope of the survey, the sample, field activities, data collection procedures, medical coding procedures, population estimates, and sampling errors. Section II provides technical information, including a detailed description of the contents of each data record by location, and a list of physician specialties represented in the survey. Section III contains marginal data and estimates for selected items on the data record. The appendixes contain sampling errors, instructions and definitions for completing the Patient Record form, and lists of codes used in the survey. THIS PAGE HAS BEEN LEFT BLANK INTENTIONALLY.

SUMMARY OF CHANGES FOR 2007

The 2007 NAMCS public use micro-data file contains many of the same items as the 2006 file, but also reflects a few changes made to the 2007 Patient Record form. There are also new items from the Physician Induction Interview. The items listed below were added or modified for 2007.

1. New/Modified Items

- a. **Tobacco use** The format of this item was modified to three checkboxes: not current, current and unknown. In 2006, if "Not Current" had been checked, boxes for "Never" and "Former" were filled out. These were deleted for 2007.
- **b.** Diagnostic/Screening Services New checkboxes were added for CT scan, PET scan, and pregnancy test. The previous single ultrasound checkbox was replaced with two checkboxes, one for echocardiogram, the other for other ultrasound. A write-in box for site of biopsy was added to the existing checkbox for biopsy.
- c. Providers A checkbox was added for mental health provider.

The following data items were collected at the physician induction interview. These are modifications made to items already collected and appearing on the public use file in 2006.

- d. During your last normal week of practice, did you make nursing home visits?
- e. If your practice has a computerized system for patient demographic information, does this include patient problem lists?

Note that item wording and format for questions on electronic medical records (EMR) were changed for 2007. In 2006, the question was asked, "Does your practice use electronic medical records (not including billing records)?" If the response was "No" or "Don't know", the physician was not asked any further questions about the practice's EMR system. If the response was "Yes", a detailed series of questions was asked about the characteristics of the EMR system.

For 2007, all physicians, regardless of their response to the EMR question above, were also asked the detailed series of secondary questions, but with reference to a "computerized system" rather than their EMR system. For example, in 2006, the first followup question asked only of physicians who indicated they had an EMR system was, "Does your practice's electronic medical records system include patient demographic information?" For 2007, the question asked of all physicians, regardless of their response to the EMR question, was, "Does your practice have a computerized system for patient demographic information?" In both years, the questions included patient demographic information, orders for prescriptions, orders for tests, viewing lab results, viewing imaging results, clinical notes, reminders for guideline-based interventions and/or screening tests, and public health reporting.

2. Deleted Items

- a. Is female patient pregnant, and, if so, specify gestation week.
- b. In the last 12 months, has your practice experienced difficulty in referring patients with the following types of health insurance for specialty consultations? (Medicaid/Medicare/Private Insurance/Uninsured)

3. Sampling Stratum of Community Health Centers (CHCs), Continued from 2006

As in 2006, a sample of 104 Community Health Centers was selected based on information from the Health Resources Services Administration's Bureau of Primary Health Care Uniform Data System and the Indian Health Service. From each sampled CHC, a list of physicians and non-physician clinicians was obtained, which became the sampling frame for a selection of up to 3 health providers per CHC. Data on physicians working at CHCs are included in this public use

data file; non-physician clinicians are not included. A separate file of non-physician clinician data for 2006 and 2007 is expected to be released at some future date.

4. Sampling Stratum of Oncologists, Continued from 2006

As in 2006, a sample of 200 oncologists was added to the 2007 NAMCS, made possible through funding from the National Cancer Institute, National Institutes of Health. This stratum was not included in the 2008 or 2009 NAMCS, but will be added back in 2010.

5. Important Information on Race and Ethnicity in the 2007 NAMCS

In 2007, race was missing for 31 percent of NAMCS records and ethnicity was missing for 33 percent. These high amounts of missing data are of great concern both from a data collection standpoint as well as an analytic one. In order to highlight this problem for data users, an unimputed race variable has been added to the file, along with an unimputed ethnicity variable. Imputed race and ethnicity variables are included as usual.

For the future, the Ambulatory and Hospital Care Statistics Branch continues to work with our data collection agent, the U.S. Census Bureau, in order to improve item response rates. Work is also being conducted on the feasibility and value of moving to a system of multiple imputation rather than single imputation for these variables, and also on different methods for modeling non-response and patient race. In the meantime, users of NAMCS imputed race and ethnicity data should note that analyses that treat the imputed values as if they were true values will tend to underestimate standard errors. An adjustment that would often be conservative would be to multiply the estimated variance (i.e., squared standard error) for an analysis by 1/c, where c is the proportion of records in the analysis having complete data on race and ethnicity.

6. Important Change in Code Values

Beginning in 2007, an effort was made to simplify certain coding conventions with NAMCS data files. This resulted in a switch to the use of negative integers, -9, -8, and -7, across all data items as follows:

-9 = Blank -8 = Unknown/Don't know -7 = Not Applicable

Table of Contents

Abstract	
Summary of Changes for 2007	
I. Description of the National Ambulatory Medical Care Survey	
A. Introduction	
B. Scope of the survey	
C. Sampling frame and size of sample	
D. Sample design	
E. Population figures	
F. Field activities	
G. Data collection	
H. Confidentiality	
I. Data processing	
J. Medical coding	
K. Estimation procedures	
L. Sampling errors	
M. Patient visit weight	
N. Physician code and patient code	
O. Use of the physician-level weight	
References	
II. Record Format and Physician Specialty List	
A. Record format	
B. Physician specialty list	
C. AMA specialties regrouped into primary, medical and surgical	81
III. Marginal Data	
A. Patient visits	
B. Drug mentions	
C. Physicians	
Appendixes	
Appendix I	
A. Relative standard errors	
B. 2007 NAMCS Patient Record Form - Instructions and definitions	
C. Definitions of certain terms used in the NAMCS	107
Appendix II	109-146
A. Reason for Visit Classification	
Appendix III	147-215
A. Generic codes and names in numeric order	
B. Drug entry codes and names in numeric order	
C. Multum Lexicon end-user license agreement	
D. Multum classification of therapeutic classes (drug categories)	204

Page

Page

Table of Contents (cont.)

List of Tables and Figures

Table I.	Number of physicians in the universe, total sample, sample response categories, and response rates by physician stratum	9
Table II.	U.S. population estimates used in computing annual visit rates for the National Ambulatory Medical Care Survey and the National Hospital Ambulatory Medical Care Survey, by selected characteristics: July 1, 2007	14
Table III.	U.S. population estimates used in computing annual visit rates for the National Ambulatory Medical Care Survey and the National Hospital Ambulatory Medical Care Survey, by ethnicity, age, race, and sex: July 1, 2007	16
Table IV	. Coefficients appropriate for determining approximate relative standard errors by type of estimate and physician specialty: 2007 NAMCS	93
Figure 1.	2007 NAMCS Patient Record Form	13

I. DESCRIPTION OF THE NATIONAL AMBULATORY MEDICAL CARE SURVEY

A. INTRODUCTION

This micro-data file contains data collected in the 2007 National Ambulatory Medical Care Survey (NAMCS). NAMCS is a national probability sample survey conducted by the Division of Health Care Statistics, National Center for Health Statistics (NCHS), Centers for Disease Control and Prevention (CDC). For 2007, a national sample of office-based and community health center (CHC)-based physicians provided data on patients' office and CHC visits. These data were weighted to produce national estimates that describe the utilization of ambulatory medical care services in the United States.

In 2007, a total of 32,778 Patient Record forms (PRFs) were received from the physicians who participated in NAMCS. For a brief description of the survey design and data collection procedures, see below. A more detailed description of the survey design, data collection procedures, and the estimation process has been published (1,2).

Please note the following important points concerning analysis of NAMCS 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 27. 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.

► RELIABILITY OF ESTIMATES

Users should also be aware of the reliability or unreliability of certain estimates, particularly the smaller estimates. The National Center for Health Statistics considers an estimate 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). Therefore, it is important to know the value of the lowest possible estimate in this survey that is considered reliable, so as not to present data in a journal article or paper that may be unreliable. Most data file users can obtain an adequate working knowledge of relative standard errors from the information presented in Appendix I. It should be noted that estimates based on fewer than 30 records are also considered unreliable, regardless of the magnitude of the relative standard error. If you would like more information, do not hesitate to consult the staff of the Ambulatory and Hospital Care Statistics Branch.

B. SCOPE OF THE SURVEY

The basic sampling unit for NAMCS is the physician-patient encounter or visit. Traditionally, only visits to the offices of nonfederally employed physicians classified by the American Medical Association (AMA) or the American Osteopathic Association (AOA) as "office-based, patient care" are included in NAMCS. Physicians in the specialties of anesthesiology, pathology, and radiology are excluded from the physician universe. However, starting in 2006, in addition to the traditional sample, NAMCS included a sample of community health centers, using information from the Health Resources Services Administration and the Indian Health Service to construct a sampling frame. From each sampled community health center, an additional sample of health care providers was selected, which could include physicians as well as non-physician clinicians -- physician assistants, nurse practitioners, and nurse midwives. Only visits to physicians are included on the 2007 public use file. Non-physician clinician data are expected to be released as a separate file, combining data from 2006 and 2007.

Types of contacts not included in the 2007 NAMCS were those made by telephone, those made outside the physician's office (for example, house calls), visits made in hospital settings (unless the physician has a private office in a hospital and that office meets the NAMCS definition of "office"), visits made in institutional settings by patients for whom the institution has primary responsibility over time (for example, nursing homes), and visits to doctors' offices that are made for administrative purposes only (for example, to leave a specimen, pay a bill, or pick up insurance forms).

C. SAMPLING FRAME AND SIZE OF SAMPLE

The sampling frame for the 2007 NAMCS was composed of all physicians contained in the master files maintained by the AMA and AOA, at a point roughly 6 months prior to the start of the survey year, who met the following criteria:

- -- Office-based, as defined by the AMA and AOA;
- -- Principally engaged in patient care activities;
- -- Nonfederally employed;
- -- Not in specialties of anesthesiology, pathology, and radiology.

In addition, a sampling frame of community health centers (CHCs) was developed using data from the Health Resources and Services Administration's Bureau of Primary Health Care Uniform Data System and the Indian Health Service. Each participating CHC provided a list of physicians and non-physician clinicians who would be available during the reporting period. This list became the frame for selection of a sample of physicians and non-physician clinicians in each CHC (see below for more details).

The 2007 NAMCS sample included 3,540 physicians: 3,301 Medical Doctors and 239 Doctors of Osteopathy. Sample physicians were screened at the time of the survey to assure that they met the above-mentioned criteria. A total of 1,141 physicians did not meet all of the criteria and were ruled out of scope (ineligible) for the study. The most frequent reasons for being out of scope were that the physician was retired, or employed in a hospital emergency department, outpatient department or institutional setting. Of the 2,399 in-scope (eligible) physicians, 1,568 participated in the study. Of these, 1,357 completed a total of 32,778 Patient Record forms (PRFs), while 211 saw no patients during their assigned reporting period because of vacations, illness, or other reasons for being temporarily not in practice and hence did not submit PRFs. Of the 1,357 physicians who completed PRFs, 1,266 participated fully or adequately (i.e. at least half of the PRFs expected, based on the total number of visits during the reporting week, were submitted), and 91 participated minimally (i.e. fewer than half of the expected number of PRFs were submitted). The unweighted response rate was 61.6 percent, based on the number of full participants only.

D. SAMPLE DESIGN

The 2007 NAMCS utilized a multistage probability design that involved probability samples of primary sampling units (PSUs), physician practices within PSUs, and patient visits within practices. The first-stage sample included 112 PSUs. A PSU consists of a county, a group of counties, 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

2007 NAMCS MICRO-DATA FILE DOCUMENTATION

			Sample				
Physician stratum	Universe (1)	Total	Out of Scope	In Scope	Nonres- pondents	Respon- dents	Response rate (2)
Total	496,351	3,540	1,141	2,399	922	1,477	61.6
General and family practice	69,758	354	120	234	84	150	64.1
Osteopathy	30,818	229	75	154	69	85	55.2
Internal medicine	73,704	220	94	126	54	72	57.1
Pediatrics	50,119	243	97	146	51	95	65.1
General surgery	19,181	198	75	123	46	77	62.6
Obstetrics and gynecology	32,846	207	52	155	63	92	59.4
Orthopedic surgery	18,549	137	30	107	39	68	63.6
Cardiovascular diseases	16,620	208	54	154	64	90	58.4
Dermatology	8,709	117	18	99	46	53	53.5
Urology	8,540	152	41	111	40	71	64.0
Psychiatry	30,967	277	115	162	81	81	50.0
Neurology	10,116	252	86	166	62	104	62.7
Ophthalmology	15,341	125	22	103	40	63	61.2
Otolaryngology	7,916	147	33	114	49	65	57.0
All other specialties	94,869	308	151	157	64	93	59.2
Oncology (added in 2006)	8,298	200	78	122	54	68	55.7
Community Health Center bhysicians(3) (added in 2006)	725	166	0	166	16	150	90.4
Total	496,351	3,540	1,141	2,399	922	1,477	61.6

Table I. Number of physicians in the universe, total sample, sample response categories, and response rate by physician strata: National Ambulatory Medical Care Survey, 2007

(1) Data are derived from the American Medical Association and the American Osteopathic Association and represent the total number of physicians who are eligible for NAMCS.

(2) Response rate is number of respondents divided by number of in-scope physicians.

(3) A sample of community health centers was selected (see text for details), and lists of physicians and non-physician clinicians who would be available during the reporting period were obtained from sampled facilities. A selection of physicians was taken from these lists; therefore it does not reflect the universe of all community health center physicians. Non-physician clinicians were also sampled, but these data are not included on the 2007 NAMCS Public Use File. They are expected to be released in combination with data on non-physician clinicians collected in 2006.

NOTE: An additional 91 physicians participated at a minimal level and are not included in the number of responding physicians.

NAMCS PSU sample included with certainty the 26 NHIS PSUs with the largest populations. In addition, the NAMCS 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 (3).

Typically, the second stage consists of a probability sample of practicing physicians selected from the master files maintained by the American Medical Association (AMA) and American Osteopathic Association (AOA). Within each PSU, all eligible physicians are stratified into fifteen specialty groups: general and family practice, osteopathy, internal medicine, pediatrics, general surgery, obstetrics and gynecology, orthopedic surgery, cardiovascular diseases, dermatology, urology, psychiatry, neurology, ophthalmology, otolaryngology, and "all other" specialties. However, the NAMCS sample for 2007 was slightly larger than previous years, as the CDC's National Center for Chronic Disease and Prevention and Health Promotion sponsored the inclusion of an additional 200 primary care physicians (general/family practice, internal medicine, obstetrics/gynecology, and pediatricians), and the National Cancer Institute (NIH) sponsored a supplementary sample of 200 oncologists.

Also, this sample design typically includes too few community health center physicians for the estimates to be reliably presented. In order to improve the precision of CHC physician estimates, starting in 2006, a dual-sampling procedure was used to select CHC physicians and other providers. First, the "traditional" NAMCS sample of physicians was selected using established methods and sources. Second, a sample of 104 CHCs was selected, and within each center, up to three physicians, physician assistants, nurse midwives, or nurse practitioners were selected for survey participation. After selection, CHC providers followed the sampling procedure used by "traditional" NAMCS physicians in selecting patient visits. The list of CHCs is from the Health Resources and Services Administration and the Indian Health Service. To ensure that CHC physicians are included only once, all CHC physicians selected in the "traditional" NAMCS sample were omitted from the survey response and subsequent weighting. Only sample CHC physicians were included. Sampled non-physician clinicians were excluded as well, but 2006 and 2007 data for these providers are expected to be released in a public use format at some future date.

The final stage was the selection of patient visits within the annual practices of sample physicians. This involved two steps. First, the total physician sample was divided into 52 random subsamples of approximately equal size, and each subsample was randomly assigned to 1 of the 52 weeks in the survey year. Second, a systematic random sample of visits was selected by the physician during the assigned week. The sampling rate varied for this final step from a 100-percent sample for very small practices to a 10-percent sample for very large practices as determined in a presurvey interview. The method by which the sampling rate was determined is available (4).

E. POPULATION FIGURES

The base population used in computing annual visit rates is presented in table II and table III. The denominators used in calculating 2007 visit rates for age, sex, race, ethnicity, and geographic region are Census 2000-based postcensal estimates of the civilian noninstitutional population of the United States. The population estimates are special tabulations developed by the Population Division, U.S. Census Bureau, from the July 1, 2007 set of state population estimates by age, sex, race, and ethnicity.

Population estimates of metropolitan statistical area status are based on data from the 2007 National Health Interview Survey (NHIS), National Center for Health Statistics, adjusted to the Office of Management and Budget's (OMB) definition of core-based statistical areas as of December 2006. See http://www.census.gov/population/www/estimates/metrodef.html for more about metropolitan statistical area definitions.

2007 NAMCS MICRO-DATA FILE DOCUMENTATION

Estimates of visit rates for metropolitan and non-metropolitan statistical areas from 2003 on may differ somewhat from those reported in 2002 and previous years because of methodological differences in how the denominators were calculated. In survey years 1992-2002, the NHIS used a 1992 definition of MSAs and non-MSAs, and also used 1990-based Census estimates as controls. Because NAMCS used Census 2000-based population estimates beginning in 2001, adjustments needed to be made to the MSA figures obtained from the NHIS in 2001 and 2002. For 2007, special tabulations were obtained from the Office of Analysis and Epidemiology, NCHS, where 2007 NHIS data were matched to the December 2006 OMB definition of core-based statistical areas. The estimates were further adjusted based on the 2007 population estimates obtained from the Census Bureau.

Population estimates for race groups in the 2007 NAMCS are based on the 2000 U.S. Census in which respondents were able to indicate more than one race category. The multiple race indicator was adopted starting in the 1999 NAMCS but the population estimates that were available for calculating rates in 1999 and 2000 were based on estimates from the 1990 census, which used only single response race categories. NAMCS had very few records for multiple race persons in those years, so rates for single race groups were calculated by dividing estimates by denominators that included some unidentifiable number of multiple race persons. Starting with 2001, the denominators used for calculating race-specific visit rates in NAMCS reports reflect the transition to multiple-race reporting. Specific race denominators reflect persons with a single race identification, and a separate denominator is now available for persons with more than one race designation.

Data indicate that multiple races are recorded for a patient less frequently in medical records compared to their numbers in the general population. The 2007 population estimates indicate that 1.6 percent of the total population identify themselves as being of multiple races. In contrast, multiple race patients account for 0.3 percent of NAMCS visits. This difference may exist partly because office staff are less likely to know and record the multiple race preference of the patient. It suggests that the race population rates calculated for 2007 may be slight overestimates for the single race categories and slight underestimates for the multiple race category.

F. FIELD ACTIVITIES

The first contact with the sample physician is through a letter from the Director, NCHS. After the physician receives the introductory letter (along with letters from professional medical societies which endorse NAMCS), the Field Representative (FR) telephones the physician to establish basic eligibility and to schedule an appointment. At the appointment, the FR explains the survey to the physician and to any staff who may be involved in completing the forms. The FR also obtains the practice characteristics of up to four office locations where the physician sees patients during the reporting week. Typically, the FR will contact the physician's office just before, during and after the reporting week to remind him or her about the survey and to answer any questions that may arise. After the reporting period, the FR makes another visit to the practice to collect the forms and reviews them briefly to ensure that there are no large errors or information gaps. During this last visit, the physician is given a certificate of appreciation for her or his participation.

G. DATA COLLECTION

The actual data collection for NAMCS was carried out by the physician aided by his/her office staff when possible. Physicians were instructed to keep a daily listing of all patient visits during the assigned reporting week using an arrival log, optional worksheet, or similar method. This 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 using a random start and a predetermined sampling interval based on the physician's estimated visits for the week and the number of days the physician was expected to see patients that week. In this way, a systematic random sample of visits was obtained. The sampling procedures were designed so that about 30 Patient Record forms were completed during the assigned reporting week. This minimized the data collection workload and maintained about equal reporting levels among sample physicians regardless of practice size.

PAGE 12

Data for sampled visits were recorded on Patient Record forms. The Patient Record form was printed on one side of an 8 x 14 inch sheet (Figure 1). At the top of each form, physicians could record the patient's name and record number. However, this information was detached by the physician prior to submitting the completed forms and was never given to Census personnel. It was used only to assist physicians in clarifying missing or ambiguous responses that may have been found during the data editing process.

Terms and definitions relating to the Patient Record form are included in Appendix I. More than half of the NAMCS Patient Record forms (56.2 percent) were abstracted by Census Bureau staff rather than by the physician or medical office personnel.

H. 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 NAMCS. 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, 242k)] and the Confidential Information Protection and Statistical Efficiency Act (Title 5 of PL 107-347). The NAMCS protocol has been approved by the NCHS Research Ethics Review Board annually starting in 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 were granted.

In the Spring of 2003, NAMCS implemented additional data collection procedures to help providers assure patient confidentiality. Census Bureau Field Representatives were trained on how the Privacy Rule allows physicians 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. Physicians were encouraged to accept a data use agreement between themselves and CDC/NCHS, since the Privacy Rule allows physicians 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.

Assurance of confidentiality was provided to all physicians according to Section 308 (d) of the Public Health Service Act (42 USC 242m). Strict procedures were utilized to prevent disclosure of NAMCS data. All information which could identify the physician was confidential and was seen only by persons engaged in NAMCS, and was not disclosed or released to others for any other purpose. Names or other identifying information for individual patients were not removed from the physician's office.

I. DATA PROCESSING

1. Edits

In addition to the completeness checks made by the field staff, clerical edits were performed upon receipt of the data for central processing. Detailed editing instructions were provided to manually review the patient records and to reclassify or recode ambiguous entries. Computer edits for code ranges and inconsistencies were also performed. Data processing and medical coding were performed by SRA International, Inc., Durham, North Carolina.

Please note: Figure 1 has been omitted from this version of the documentation in order to minimize file size and download time. You may view or download the 2007 NAMCS Patient Record form from this web address:

http://www.cdc.gov/nchs/ahcd/surinst.htm#Survey%20Instrument%20NAMCS

PAGE 14

2007 NAMCS MICRO-DATA FILE DOCUMENTATION

Table II. U.S. population estimates used in computing annual visit rates for the National Ambulatory Medical Care Survey and the National Hospital Ambulatory Medical Care Survey, by selected characteristics: July 1, 2007

			Age in years			
Race and sex	All ages	Under 1	1-4	5-14	15-24	25-34
All races	296,302,408	4,253,401	16,464,727	40,120,979	41,493,693	39,435,827
Male	145,043,332	2,176,842	8,422,793	20,517,990	20,970,391	19,664,015
Female	151,259,076	2,076,559	8,041,934	19,602,989	20,523,302	19,771,812
White Only	237,437,573	3,208,915	12,503,888	30,614,699	32,125,699	30,815,023
Male	117,226,473	1,643,945	6,406,853	15,697,799	16,356,259	15,637,609
Female	120,211,100	1,564,970	6,097,035	14,916,900	15,769,440	15,177,414
Black Only	37,349,495	659,226	2,491,960	6,125,067	6,186,680	5,168,102
Male	17,336,755	335,536	1,264,268	3,104,860	3,007,641	2,335,269
Female	20,012,740	323,690	1,227,692	3,020,207	3,179,039	2,832,833
Asian Only	13,297,685	185,946	727,950	1,639,595	1,681,517	2,311,827
Male	6,430,017	95,568	373,572	830,789	856,250	1,127,227
Female	6,867,668	90,378	354,378	808,806	825,267	1,184,600
NHOPI* Only	528,071	8,601	31,863	83,308	89,246	94,461
Male	265,874	4,470	16,776	42,570	45,304	48,697
Female	262,197	4,131	15,087	40,738	43,942	45,764
AIAN* Only	2,884,462	43,721	165,421	462,732	525,268	438,182
Male	1,428,237	22,250	83,885	235,177	263,558	223,653
Female	1,456,225	21,471	81,536	227,555	261,710	214,529
Multiple Races	4,805,122	146,992	543,645	1,195,578	885,283	608,232
Male	2,355,976	75,073	277,439	606,795	441,379	291,560
Female	2,449,146	71,919	266,206	588,783	443,904	316,672

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

Geographic R	egion totals	Metropolitan Statistical Area totals		
Northeast	53,839,535	MSA 249,078,372		
Midwest	65,317,072	Non-MSA 47,224,036		
South	108,148,268			
West	68,997,533			

SOURCE: These are U.S. Bureau of the Census postcensal estimates of the civilian noninstitutionalized population of the United States as of July 1, 2007. 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, 2007 set of state population estimates, and reflect Census 2000 data. More information may be obtained from the Census website at <u>www.census.gov</u>. The 2007 MSA population estimates are based on data from the 2007 National Health Interview Survey (NHIS), National Center for Health Statistics, adjusted to the Office of Management and Budget's definition of core-based statistical areas as of December 2006. See <u>www.census.gov/population/www/estimates/metrodef.html</u> for more about MSA definitions.

Table II. U.S. population estimates used in computing annual visit rates for the National Ambulatory Medical Care Survey and the National Hospital Ambulatory Medical Care Survey, by selected characteristics: July 1, 2007 - con.

		Δ	ge in years			
Descendence	05.44		55.04	05.74	75 and	
Race and sex	35-44	45-54	55-64	65-74	over	
All races	42,235,758	43,513,714	32,539,431	19,107,744	17,137,134	
Male	20,808,577	21,290,540	15,659,923	8,773,412	6,758,849	
Female	21,427,181	22,223,174	16,879,508	10,334,332	10,378,285	
White Only	33,665,690	35,645,434	27,400,865	16,333,898	15,123,462	
Male	16,862,788	17,671,095	13,345,191	7,583,532	6,021,402	
Female	16,802,902	17,974,339	14,055,674	8,750,366	9,102,060	
Black Only	5,245,410	5,108,868	3,285,462	1,777,903	1,300,817	
Male	2,332,993	2,312,666	1,453,935	736,506	453,081	
Female	2,912,417	2,796,202	1,831,527	1,041,397	847,736	
Asian Only	2,359,257	1,883,276	1,285,713	709,603	513,001	
Male	1,142,873	886,159	591,911	321,001	204,667	
Female	1,216,384	997,117	693,802	388,602	308,334	
NHOPI* Only	80,546	65,487	40,603	20,854	13,102	
Male	40,221	32,566	19,939	9,895	5,436	
Female	40,325	32,921	20,664	10,959	7,666	
AIAN* Only	407,348	385,447	248,505	124,307	83,531	
Male	201,989	186,184	119,589	57,942	34,010	
Female	205,359	199,263	128,916	66,365	49,521	
Multiple Races	477,507	425,202	278,283	141,179	103,221	
Male	227,713	201,870	129,358	64,536	40,253	
Female	249,794	223,332	148,925	76,643	62,968	

HISPANIC			Age in years			
Race and sex	All ages	Under 1	1-4	5-14	15-24	25-34
All races	44,967,465	1,032,414	3,882,553	8,182,621	7,281,840	7,994,426
Male	23,063,168	528,021	1,983,079	4,184,210	3,771,436	4,345,173
Female	21,904,297	504,393	1,899,474	3,998,411	3,510,404	3,649,253
White Only	41,593,556	944,643	3,595,966	7,514,821	6,679,064	7,425,528
Male	21,390,009	483,166	1,836,775	3,844,839	3,468,046	4,056,568
Female	20,203,547	461,477	1,759,191	3,669,982	3,211,018	3,368,960
Black Only	1,681,521	49,804	150,101	313,678	286,674	280,228
Male	813,608	25,348	76,443	159,384	142,952	135,268
Female	867,913	24,456	73,658	154,294	143,722	144,960
Asian Only	283,145	7,577	24,948	54,132	48,678	48,139
Male	139,621	3,903	12,730	27,630	24,675	24,039
Female	143,524	3,674	12,218	26,502	24,003	24,100
NHOPI* Only	118,798	2,919	9,578	22,094	21,538	23,319
Male	62,109	1,521	5,036	11,315	11,143	13,192
Female	56,689	1,398	4,542	10,779	10,395	10,127
AIAN* Only	645,310	6,018	22,826	112,424	128,368	126,016
Male	338,319	3,053	11,498	57,301	65,883	70,868
Female	306,991	2,965	11,328	55,123	62,485	55,148
Multiple Races	645,135	21,453	79,134	165,472	117,518	91,196
Male	319,502	11,030	40,597	83,741	58,737	45,238
Female	325,633	10,423	38,537	81,731	58,781	45,958

Table III. U.S. population estimates used in computing annual visit rates for the National Ambulatory Medical Care Survey and the National Hospital Ambulatory Medical Care Survey, by ethnicity, age, race, and sex: July 1, 2007

SOURCE: These are U.S. Bureau of the Census postcensal estimates of the civilian noninstitutionalized population of the United States as of July 1, 2007. They were developed by the Population Division, U.S. Census Bureau using the July 1, 2007 set of state population estimates, and reflect Census 2000 data. More information may be obtained from the Census website at <u>www.census.gov.</u>

Table III. U.S. population estimates used in computing annual visit rates for the National Ambulatory Medical Care Survey and the National Hospital Ambulatory Medical Care Survey, by ethnicity, age, race, and sex: July 1, 2007 - con.

HISPANIC		A	ge in years			
					75 and	
Race and sex	35-44	45-54	55-64	65-74	over	
All races	6,733,877	4,712,200	2,678,635	1,418,996	1,049,903	
Male	3,531,817	2,379,599	1,284,432	636,594	418,807	
Female	3,202,060	2,332,601	1,394,203	782,402	631,096	
White Only	6,256,756	4,367,760	2,489,137	1,329,146	990,735	
Male	3,298,845	2,213,366	1,195,262	597,036	396,106	
Female	2,957,911	2,154,394	1,293,875	732,110	594,629	
Black Only	243,240	175,350	98,820	50,034	33,592	
Male	113,133	81,774	45,408	21,550	12,348	
Female	130,107	93,576	53,412	28,484	21,244	
Asian Only	41,137	30,036	16,345	7,441	4,712	
Male	19,784	14,264	7,570	3,276	1,750	
Female	21,353	15,772	8,775	4,165	2,962	
NHOPI* Only	17,818	11,376	5,794	2,641	1,721	
Male	9,351	5,774	2,861	1,193	723	
Female	8,467	5,602	2,933	1,448	998	
AIAN* Only	104,034	77,344	40,167	17,329	10,784	
Male	56,178	40,662	20,262	8,066	4,548	
Female	47,856	36,682	19,905	9,263	6,236	
Multiple Races	70,892	50,334	28,372	12,405	8,359	
Male	34,526	23,759	13,069	5,473	3,332	
Female	36,366	26,575	15,303	6,932	5,027	

PAGE 18

Table III. U.S. population estimates used in computing annual visit rates for the National Ambulatory Medical Care Survey and the National Hospital Ambulatory Medical Care Survey, by ethnicity, age, race, and sex: July 1, 2007 – con.

NON- HISPANIC			Age in years			
Race and sex	All ages	Under 1	1-4	5-14	15-24	25-34
All races	251,334,943	3,220,987	12,582,174	31,938,358	34,211,853	31,441,401
Male	121,980,164	1,648,821	6,439,714	16,333,780	17,198,955	15,318,842
Female	129,354,779	1,572,166	6,142,460	15,604,578	17,012,898	16,122,559
White Only	195,844,017	2,264,272	8,907,922	23,099,878	25,446,635	23,389,495
Male	95,836,464	1,160,779	4,570,078	11,852,960	12,888,213	11,581,041
Female	100,007,553	1,103,493	4,337,844	11,246,918	12,558,422	11,808,454
Black Only	35,667,974	609,422	2,341,859	5,811,389	5,900,006	4,887,874
Male	16,523,147	310,188	1,187,825	2,945,476	2,864,689	2,200,001
Female	19,144,827	299,234	1,154,034	2,865,913	3,035,317	2,687,873
Asian Only	13,014,540	178,369	703,002	1,585,463	1,632,839	2,263,688
Male	6,290,396	91,665	360,842	803,159	831,575	1,103,188
Female	6,724,144	86,704	342,160	782,304	801,264	1,160,500
NHOPI* Only	409,273	5,682	22,285	61,214	67,708	71,142
Male	203,765	2,949	11,740	31,255	34,161	35,505
Female	205,508	2,733	10,545	29,959	33,547	35,637
AIAN* Only	2,239,152	37,703	142,595	350,308	396,900	312,166
Male	1,089,918	19,197	72,387	177,876	197,675	152,785
Female	1,149,234	18,506	70,208	172,432	199,225	159,381
Multiple Races	4,159,987	125,539	464,511	1,030,106	767,765	517,036
Male	2,036,474	64,043	236,842	523,054	382,642	246,322
Female	2,123,513	61,496	227,669	507,052	385,123	270,714

2007 NAMCS MICRO-DATA FILE DOCUMENTATION

NON- HISPANIC		Α	ge in years			
					75 and	
Race and sex	35-44	45-54	55-64	65-74	over	
All races	35,501,881	38,801,514	29,860,796	17,688,748	16,087,231	
Male	17,276,760	18,910,941	14,375,491	8,136,818	6,340,042	
Female	18,225,121	19,890,573	15,485,305	9,551,930	9,747,189	
White Only	27,408,934	31,277,674	24,911,728	15,004,752	14,132,727	
Male	13,563,943	15,457,729	12,149,929	6,986,496	5,625,296	
Female	13,844,991	15,819,945	12,761,799	8,018,256	8,507,431	
Black Only	5,002,170	4,933,518	3,186,642	1,727,869	1,267,225	
Male	2,219,860	2,230,892	1,408,527	714,956	440,733	
Female	2,782,310	2,702,626	1,778,115	1,012,913	826,492	
Asian Only	2,318,120	1,853,240	1,269,368	702,162	508,289	
Male	1,123,089	871,895	584,341	317,725	202,917	
Female	1,195,031	981,345	685,027	384,437	305,372	
NHOPI* Only	62,728	54,111	34,809	18,213	11,381	
Male	30,870	26,792	17,078	8,702	4,713	
Female	31,858	27,319	17,731	9,511	6,668	
AIAN* Only	303,314	308,103	208,338	106,978	72,747	
Male	145,811	145,522	99,327	49,876	29,462	
Female	157,503	162,581	109,011	57,102	43,285	
Multiple Races	406,615	374,868	249,911	128,774	94,862	
Male	193,187	178,111	116,289	59,063	36,921	
Female	213,428	196,757	133,622	69,711	57,941	

2. Quality Control

All medical and drug coding and keying operations were subject to quality control procedures. Quality control for the medical and drug coding operation, as well as straight-key items, involved a two-way 10-percent independent verification procedure. As an additional quality control, all Patient Record forms with differences between coders or illegible entries for the reason for visit, diagnosis, procedures, diagnosis, and medication items were reviewed and adjudicated at NCHS. For nonmedical coding items, the error rate was 0.3 percent. For items which required medical coding, coding error rates ranged between 0.0 and 1.6 percent for various survey items.

3. Adjustments for Item Nonresponse

Unweighted item nonresponse rates were 5.0 percent or less for all data items with the following exceptions: ethnicity (32.9 percent), race (31.0 percent), does patient use tobacco? (37.2 percent), is visit related to injury/poisoning/adverse effect? (8.4 percent), was patient referred for this visit? (13.8 percent), how many past visits in last 12 months? (11.3 percent), status of patient enrollment in a chronic disease management program for any of the chronic conditions in item 5b of Patient Record form (65.2 percent), stage of patient's cancer (52.1 percent), time spent with physician (28.7 percent of visits where a physician was seen), during last normal week of practice, did physician make encounters of the following types with patients -- hospital visits (6.5 percent), telephone consults (6.9 percent), email consults (5.6 percent); if practice has computerized system for patient demographic information, does it include patient problem lists (19.5 percent); if practice has computerized system for orders for prescriptions, are there warnings of drug interactions/contraindications provided (16.0 percent) and are prescriptions sent electronically to the pharmacy (15.7 percent); if practice has computerized system for orders for tests, are orders sent electronically (15.9 percent); if practice has computerized system for viewing lab results, are out of range values highlighted (22.4 percent); if practice has computerized system for viewing imaging results, are electronic images returned (31.4 percent); if practice has computerized system for clinical notes, do they include medical history and follow-up notes (13.3 percent); does practice have computerized system for reminders for guideline-based interventions and/or screening tests (5.4 percent), does practice have computerized system for public health reporting (6.8 percent); if practice has computerized system for public health reporting, are notifiable diseases sent electronically (16.1 percent), are there plans for installing a new EMR system or replacing the current system within the next 3 years (11.0 percent); what percent of physician's practice revenue from patient care comes from -- Medicare (6.6 percent). Medicaid (6.7 percent), private insurance (7.0 percent), patient payment (6.9 percent), managed care (19.0 percent), other sources (6.6 percent); for patient care compensation, which of the following factors are taken into account: physician productivity (15.0 percent), patient satisfaction (16.0 percent), quality of care (16.7 percent), practice profiling (20.0 percent), are performance measures on practice available to public (22.7 percent), percent of practice care revenue based on bonuses, returned withholds, or other performancebased payments (19.5 percent), percent of patient care revenue from: usual, customary and reasonable fee-for-service (16.6 percent), discounted fee for service (16.4 percent), capitation (15.9 percent), case rates (16.7 percent), other (17.0 percent); for new patients, does physician accept the following types of payment - private insurance - capitated (6.4 percent), private insurance - non-capitated - (9.7 percent), Worker's Compensation (5.4 percent), no charge (11.7 percent), percent poverty in patient's ZIP code (7.1 percent), median household income in patient's ZIP code (7.1 percent), and percent in patient's ZIP code with Bachelor's Degree or higher (7.1 percent). Missing rates for these three ZIP code variables reflect either cases of blank ZIP codes or ZIP codes that were reported but could not be matched with Census data.

Denominators for the above rates were adjusted to account for skip patterns on the data collection forms. For example, only established patients were included in the response rates for number of past visits in the last 12 months.

Some missing data items were imputed by randomly assigning a value from a Patient Record form with similar characteristics. Imputations, in general, were based on physician specialty, geographic region, and 3-digit ICD-9-CM codes for primary diagnosis. But the method used to impute race and ethnicity was refined in recent years, so that the race and ethnicity assignments were based, where possible, on the patient's locality (ZIP Code or state/county of residence). Furthermore, a hot deck approach (i.e., using

the current year's data) was used rather than the cold deck strategy used in the past, except in cases where a matching record could not be obtained from the current data. Finally, when a race or ethnicity value could not be assigned using patient locality, then the new routine attempted to impute within the same physician's office wherever possible. Failing that, imputation was based on physician specialty and 3-digit ICD-9-CM code for primary diagnosis, and, as a last resort, on a randomly selected record. This approach was used starting with 2006 data. The following variables were imputed: birth year (2.1 percent), sex (0.8 percent), ethnicity (32.9 percent), race (31.0 percent), have you or anyone in your practice seen patient before? (2.0 percent), how many past visits in last 12 months (11.3 percent of visits by established patients), and time spent with physician (28.7 percent of visits where a physician was seen). Blank or otherwise missing responses are so noted in the data.

J. MEDICAL CODING

The Patient Record form contains several medical items requiring three separate coding systems. The three coding systems are described briefly below. Quality control for NAMCS medical and drug coding operations involved a two-way 10 percent independent verification procedure. A dependent verification procedure was used to review and adjudicate all records with coding discrepancies. Definitions of the medical items can be found in Appendix I.

 Patient's Complaint(s), Symptoms(s) or Other Reason(s) for this Visit: Information collected in item 3 of the Patient Record form was coded according to <u>A Reason for Visit Classification for Ambulatory</u> <u>Care</u> (RVC) (5). The updated classification is available (6), and the list of codes is shown in Appendix II. The classification was updated to incorporate several 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:

Prefix Module

- "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 three reasons for visit were coded from item 3 in sequence; coding instructions for this item are contained in the Reason for Visit Classification and Coding Manual (6).

2. <u>Provider's Diagnosis for this Visit</u>: Diagnostic information in item 5 of the Patient Record form was coded according to the <u>International Classification of Diseases</u>, <u>9th Revision</u>, <u>Clinical Modification</u> (ICD-9-CM) (7). The ICD-9-CM codes are provided in two formats, character and numeric. Please see page 74 in the Record Format section for information on the background, purpose, and appearance of the numeric recodes. The rest of this paragraph describes the format of the character version.

The character version ICD-9-CM codes are not prefixed or zerofilled on the public use file. For example, 38100 = 381.00 = Acute nonsuppurative otitis media, unspecified.

There is an implied decimal between the third and fourth digits. For inapplicable fourth or fifth digits, a dash has been inserted. For example, 4011- = 401.1 = Essential hypertension, benign.

Supplementary classification codes are not prefixed or zerofilled. For example, V700- = V70.0 = Routine general medical examination at a health care facility In addition to the diagnostic codes from the ICD-9-CM the following unique codes in the diagnostic fields were developed by AHCSB staff:

- V990- = noncodable diagnosis, insufficient information for coding, illegible diagnosis
- V991- = left before being seen, patient walked out, not seen by doctor, left against medical advice
- V992- = transferred to another facility, sent to see specialist
- V993- = HMO will not authorize treatment
- V997- = entry of "none," "no diagnosis," "no disease," "healthy"
- -9 = blank

A maximum of three diagnoses were coded in sequence. Coding instructions concerning diagnoses are contained in the NAMCS Coding Requirements Manual, volume 1 (8).

3. <u>Diagnostic/Screening Services and Non-Medication Treatment</u>: Open-ended responses for "Scope procedure", "Biopsy: specify site", and "Other exam/test/service" from item 7 on the Patient Record form (Diagnostic/Screening Services) as well as open-ended responses for "Procedures" from item 9 (Non-Medication Treatment) were coded according to the <u>International Classification of Diseases</u> (ICD-9-CM) using the procedure codes in Volume III. Up to 2 scope procedures, a biopsy site, 2 other diagnostic/screening tests/services, and up to 4 procedures in the non-medication treatment item could be coded for each office visit.

Character format codes have an implied decimal between the second and third position and do not use prefixes or zerofills. Codes without an applicable 4th digit have a dash inserted. Please note that, as with the diagnosis codes described above, the file also contains numeric recodes for procedures at the end of the record format. These are described in the Record Format section.

It should be noted that some respondents reported procedures in item 7, while others may have reported the same procedure in item 9. For this reason, when analyzing procedures, it is recommended that all of the possible procedure fields be taken into account regardless of item location.

4. <u>Medications & Immunizations</u>: The NAMCS drug data collected in item 10 have been classified and coded using the entry name (the entry made on the Patient Record form) according to a unique classification scheme developed at NCHS (9). 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 8 medications could be recorded for each visit. A list of drug codes by entry name is included in Appendix III.

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

a. Generic drug code: Beginning with the 2006 data release, NAMCS no longer uses the NCHS 5digit code which had been assigned to each official generic name assigned to every drug entity by the United States Pharmacopeia or other responsible authority. Instead, 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 NAMCS

drug data. For additional information on the Multum Lexicon Drug Database, please refer to the following Web site: <u>http://www.multum.com/Lexicon.htm</u>.

Starting with the 2006 data release, 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, as in past years of NAMCS drug data.

For example, prior to 2006, if Tylenol No. 3 was reported in NAMCS, it was assigned a drug entry code of 32920 to reflect the entry of Tylenol No. 3. Using the NCHS generic classification, it was also given a code of 51380 in the generic code field to represent a combination product, and then received separate ingredient codes for acetaminophen and codeine. Under Multum, there is a single generic code that reflects the combination of acetaminophen with codeine.

The format of the generic drug code (now called DRUGID rather than GEN) has also changed from previous years. Rather than a 5 digit numeric code, the generic drug code is 6 digits, beginning with the letters "a", "c" or "d". All Multum codes begin with the letter "d", but there were some drug names reported by NAMCS participants that were not found in the Lexicon Drug Database. These have been assigned unique drug codes beginning with an "a" where a drug's ingredients could be determined, or a "c" in the case where a drug's ingredients could not be determined. The variables DRUGID1 through DRUGID8 reflect the generic codes for each drug reported.

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: In data years prior to 2006, 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 NAMCS website.) These were based on the standard drug classifications used in the National Drug Code Directory, 1995 edition (10).

However, beginning with the 2006 data year, Multum's therapeutic classification system is being used. 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 RX8CAT4 reflect the unique Multum drug categories for a particular drug; these are character values with codes from '001' through '341'. **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 seven 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-RX8CAT4 will allow one 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='307'. 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 '307' (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 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). Drugs that could not be assigned to any drug entry name (MED1-8 = 99980, 99999) were not assigned a therapeutic drug 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 (INGRED-2006) 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. In past years, codes used to identify the active generic ingredients of combination drugs were included on the public use file.

IMPORTANT: In 2007, we have continued to update and revise the drug characteristics in our ambulatory care drug database, which underwent substantial revision in 2002. In 2002, many drugs had ingredient lists reviewed, and non-active ingredients were removed. 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 is 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.

Starting with the 2006 dataset, 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, along with the 2006 public use file release, we provided a separate downloadable mapping file (DRUGMAP-06), which allow 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 has been accomplished, users can also, if they wish, match to the drug ingredient file as described above. For 2007, the mapping file has been updated (DRUGMAP-07) and supersedes the earlier version.

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 form for 2007 can have up to eight drug mentions recorded in item 10, 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 Record Format 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. Our website can be accessed at: http://www.cdc.gov/nchs/namcs.htm

K. ESTIMATION PROCEDURES

Statistics produced from the 2007 NAMCS were derived by a multistage estimation procedure. The procedure produces essentially unbiased national estimates and has four components: 1) inflation by reciprocals of the probabilities of selection, 2) adjustment for nonresponse, 3) a ratio adjustment to fixed totals, and 4) weight smoothing. Each of these components is described below.

1. Inflation of Reciprocals by Sampling Probabilities

Since the survey utilized a three-stage sample design, there were three probabilities:

- a) the probability of selecting the PSU;
- b) the probability of selecting a physician within the PSU; and
- c) the probability of selecting a patient visit within the physician's practice.

The last probability was defined to be the exact number of office visits during the physician's specified reporting week divided by the number of Patient Record forms completed. All weekly estimates were inflated by a factor of 52 to derive annual estimates.

2. Adjustment for Nonresponse

Estimates from NAMCS data were adjusted to account for in-scope physicians who did not provide PRFs (non-PRF physicians) either because they saw no patients during their sample week or failed to provide PRFs for visits by patients they did see during their sample week.

Beginning with 2004 data, changes were made to the nonresponse adjustment factor to account for the seasonality of the reporting period. Extra weights for nonresponding physicians were shifted to responding physicians 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. Beginning with 2003 data, the adjustment for non-PRF physicians differs from the adjustment used in prior years. Previously the adjustment accounted for non-response by physician specialty, geographic region, and metropolitan statistical area status. The revised non-response adjustment also accounts for non-response from physicians by practice size, as measured by number of weekly visits, and for variability in number of weeks that participating physicians saw patients during the year.

Previously, these characteristics were assumed to be the same for physicians providing patient encounter information and those not providing such information. However, research done for the first time with 2003 data showed that these two assumptions are not always true. In general, the weekly visit volume for non-PRF physicians was larger than for PRF physicians. Also, physicians who saw no patients during their sample week tended to see patients fewer weeks annually than did physicians who saw patients during their week. To minimize understatement (and in some cases, overstatement) of visits, the non-response adjustment factor was revised to include information on the number of weeks physicians actually practiced during a typical year and the number of visits physicians reported during a week. Both data items were collected for responding and nonresponding physicians during the induction interview starting with the 2001 survey.

The 2003 weight with the revised non-response adjustment increased the overall visit estimate by 12 percent over the same estimate obtained using the original weight. For this reason, 2003 and subsequent year visit estimates are not entirely comparable to visit estimates computed using the previous weighting strategy. If researchers are presenting data with estimates or rates across these years, we recommend including a footnote such as the following:

3. Ratio Adjustment

A postratio adjustment was made within each of the sixteen physician specialty groups. The ratio adjustment is a multiplication factor which had as its numerator the number of physicians in the universe in each physician specialty group and as its denominator the estimated number of physicians in that particular specialty group. The numerator was based on figures obtained from the AMA and AOA master files, and the denominator was based on data from the sample.

A postratio adjustment was also made within each type of community health center. (For sampling purposes, CHCs were divided into federally funded facilities, "look-alike" facilities [i.e., facilities that receive cost-based reimbursement for their Medicaid services, but do not receive malpractice coverage under the Federal Tort Claims Act or a cash grant], and urban Indian Health Centers [IHCs].) For visit level estimates, the ratio adjustment for the IHCs and the "look-alikes" is a multiplication factor which had as its numerator the number of CHCs in each region, per CHC type and as its denominator the estimated number of CHCs in each region per CHC type. The ratio adjustment for the federally funded CHCs is a multiplication factor which has as its numerator the number of visits in each region and as its denominator the estimated number of the estimated number of visits to CHCs in each region.

4. Weight Smoothing

Each year there are a few sample physicians whose final visit weights are large relative to those for the rest of the sample. There is a concern that those few may adversely affect the ability of the resulting statistics to reflect the universe, especially if the sampled patient visits to some of those few physicians should be unusual relative to the universe. Extremes in final weights also increase the resulting variances. Extreme weights can be truncated, but this leads to an understatement of the total visit count. The technique of weight smoothing is used instead, because it preserves the total estimated visit count within each specialty by shifting the "excess" from visits with the largest weights to visits with smaller weights.

Excessively large visit weights were truncated, and a ratio adjustment was performed. For non-CHC physicians, the ratio adjustment is a multiplication factor that uses as its numerator the total visit count in each physician specialty group before the largest weights are truncated, and, as its denominator, the total visit count in the same specialty group after the largest weights are truncated. The ratio adjustment was made within each of the sixteen physician specialty groups and yields the same estimated total visit count as the unsmoothed weights.

For CHC physicians, the ratio adjustment is a multiplication factor that uses as its numerator the total visit count for each type of CHC (federally funded, urban Indian Health Centers, and look-alikes) within geographic region before the largest weights are truncated, and, as its denominator, the total visit count for each group after the largest weights are truncated. The ratio adjustment was made within each of the CHC types within each region and yields the same estimated total visit count as the unsmoothed weights.

L. SAMPLING ERRORS

Procedures for calculating sampling errors as well as estimates of standard errors of statistics derived from NAMCS are described in the technical notes of other documents (2,11) as well as in Appendix I of this document.

M. PATIENT VISIT WEIGHT

The "patient visit weight" is a vital component in the process of producing national estimates from sample data, and its use should be clearly understood by all micro-data file users. The statistics contained on the micro-data file reflect data concerning only a sample of patient visits, not a complete count of all the visits that occurred in the United States. Each record on the data file represents one visit in the sample of 32,778 visits. In order to obtain national estimates from the sample, each record is assigned an inflation factor called the "patient visit weight." By aggregating the patient visit weights on the 32,778 sample records for 2007, the user can obtain the estimated total of 994,321,250 office visits made in the United States.

The marginal tables on pages 83-89 contain data on numbers of records for selected variables as well as the corresponding national estimated number of visits and drug mentions obtained by aggregating the "patient visit weights" on those records. Similar tables are also provided for physician-level estimates.

N. PHYSICIAN CODE and PATIENT CODE

The purpose of these codes is to allow for greater analytical depth by permitting the user to link individual Patient Record forms on the public use file with individual physicians' practices. This linkage will enable users to conduct more comprehensive analysis without violating the confidentiality of patients or physicians.

To uniquely identify a record, both the physician code and the patient code must be used. Patient codes are merely a sequential numbering of the visits recorded by the physician and alone will not uniquely identify visit records. In order to do so, both the unique 4-digit physician code and the 3-digit patient code must be used.

O. USE OF THE PHYSICIAN-LEVEL WEIGHT

A physician-level weight (PHYSWT) was first added to the 2005 NAMCS public use file. These weights allow data users to calculate physician-level estimates. There is one weight for each physician which appears on the first visit record only for that physician. When running an analysis of physician-level

characteristics using PHYSWT, it is recommended to select only those records where PHYSWT 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 physician format.

Items on the file which are appropriate for physician-level estimates include the following: type of office setting [RETYPOFF], solo or group practice [SOLO], employment status of physician [EMPSTAT], who owns this practice [OWNS], is lab testing performed at this office [LAB]. during last normal week of practice, did physician make any encounters of the following types with patients: nursing home visits [NHVISR], other home visits [HOMVISR], hospital visits [HOSVISR], telephone consults [TELCONR], email consults [ECONR]: does practice submit claims electronically EBILLREC]: does practice use electronic medical records (EMR) (not including billing records) [EMEDREC]; does your practice have a computerized system for the following: patient demographics [EDEMOG]; if "yes" to patient demographics, does this include patient problem lists [EPROLST]; orders for prescriptions [ECPOE]; if "yes" to orders for prescriptions, are there warnings of drug interactions [EWARN] and are prescriptions sent electronically [ESCRIP]; orders for tests [ECTOE]; if "yes" to orders for tests, are orders sent electronically [EORDER]; viewing lab results [ERESULT]; if "yes" to viewing lab results, are out of range values highlighted [ERANGE]; viewing imaging results [EIMGRES]; if "yes" to imaging results, are electronic images returned [EIMAGE]; clinical notes [EPNOTES]; if "yes" to clinical notes, do they include medical history and followup notes [EHXFU]; reminders for guideline-based interventions and/or screening tests [EREMIND]; and public health reporting [EPUBHLTH]; if "yes" to public health reporting, are notifiable diseases sent electronically [ENOTDIS]. Also: are there plans for installing a new EMR system or replacing the current system within the next 3 years [EMRNEW], percent of patient care revenue from Medicare [PRMCARER], from Medicaid [PRMAIDR], from private insurance [PRPRVTR], from patient payment [PRPATR], or from other sources [PROTHR]; number of managed care contracts [MANCAREC], percent of patient care revenue from managed care contracts [PRMANR]; is productivity taken into account for patient care compensation [PCCPROD], is patient satisfaction taken into account for patient care compensation [PCCSAT], is guality of care taken into account for patient care compensation [PCCQOC], is practice profiling taken into account for patient care compensation [PCCPPROF], are performance measures on practice available to the public [MEASPUB], percent of patient care revenue that is based on bonuses, returned withholds, or other performance-based payments [PRP4P], percent of patient care revenue from the following methods of payment: usual, customary and reasonable fee-for service [REVFFS], discounted fee for service [REVDISC], capitation [REVCAP], case rates [REVCASE], other [REVOTH]; is physician currently accepting new patients [ACEPTNEW], for new patients, does physician accept capitated private insurance [CAPITATE], noncapitated private insurance [NOCAP], Medicare [NMEDCARE], Medicaid [NMEDCAID], Worker's Compensation [NWORKCMP], self-pay [NSELFPAY], no charge [NNOCHRGE]; does physician offer any type of cervical cancer screening [CCS], specialty group (16 strata) [SPECR], specialty category (primary, medical, surgical) [SPECCAT], specialty (SPEC), geographic region [REGION], and metropolitan statistical area [MSA]. These variables all pertain to the physician or the physician's practice characteristics. Also see the Marginal Data section (page 83) which includes some marginal tables of physician-level estimates. Appendix I ("Relative Standard Errors") provides further information.

In addition to generating estimates for physician characteristics at the physician level, the addition of PHYSWT also means that one can link visit data with physician data. For example, one could examine average time spent with physicians across physicians rather than simply across visits. This type of analysis is slightly complicated; a description along with sample SAS code is available at the Ambulatory Health Care Data website.

For more information, contact the Ambulatory and Hospital Care Statistics Branch at 301-458-4600.

REFERENCES

- 1. Tenney JB, White KL, Williamson JW. National Ambulatory Medical Care Survey: Background and Methodology. National Center for Health Statistics. Vital Health Stat 2(61). 1974.
- 2. Schappert SM., Nelson CR. National Ambulatory Medical Care Survey, 1995-96 Summary. National Center for Health Statistics. Vital Health Stat 13(142). 2000.
- Massey JT, Moore TF, Parsons VL, Tadros W. Design and estimation for the National Health Interview Survey, 1985-94. National Center for Health Statistics. Vital Health Stat 2(110). 1989.
- Physician Induction Interview Form. National Ambulatory Medical Care Survey. OMB No. 0920-0234.
- 5. Schneider D, Appleton L, McLemore T. A Reason for Visit Classification for Ambulatory Care. National Center for Health Statistics. Vital Health Stat 2(78). 1979.
- 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.
- U.S. Dept. of Health and Human Services, Centers for Disease Control and Prevention, Health Care Financing Administration. International Classification of Diseases, 9th Revision, Clinical Modification. Sixth Edition. October 2007.
- 8. National Ambulatory Medical Care Survey: Coding Requirements (updated annually). Ambulatory and Hospital Care Statistics Branch, Division of Health Care Statistics, National Center for Health Statistics.
- 9. Koch H, Campbell W. The Collection and Processing of Drug Information. National Ambulatory Medical Care Survey, 1980. National Center for Health Statistics. Vital Health Stat 2(90). 1982.
- 10. Food and Drug Administration. National Drug Code Directory, 1995 edition. Washington: Public Health Service. 1995.
- 11. Hsaio J, Cherry D, Rechtsteiner E, Beatty P. National Ambulatory Medical Care Survey, 2007 summary. National Health Statistics Report, Hyattsville, Maryland: National Center for Health Statistics. Forthcoming.

II. RECORD FORMAT AND PHYSICIAN SPECIALTY LIST

A. RECORD FORMAT

Number of records = 32,778

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. Most data are from the Patient Record form (PRF). Such items are so noted in the description below. The American Medical Association (AMA), the American Osteopathic Association (AOA) and the induction interview (reference 3) are alternate sources of data. Some information is obtained by recoding selected data from these sources.

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
			DATE OF VISIT (from PRF Q1.a)
1	2	1-2	[VMONTH] MONTH OF VISIT 01-12: January-December
2	4	3-6	[VYEAR] YEAR OF VISIT 2006, 2007 (Survey dates were 12/25/2006-12/23/2007.)
3	1	7	[VDAYR] DAY OF WEEK OF VISIT 1 = Sunday 2 = Monday 3 = Tuesday 4 = Wednesday 5 = Thursday 6 = Friday 7 = Saturday
4	3	8-10	[AGE] PATIENT AGE (IN YEARS; DERIVED FROM DATE OF BIRTH) (from PRF Q1.c) 000 = Under 1 year 001-099 100 = 100 years or over
5	1	11	[SEX] SEX (from PRF Q1.d) 1 = Female 2 = Male

2007 NAMCS MICRO-DATA FILE DOCUMENTATION

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
6	2	12-13	[ETHUN] ETHNICITY (from PRF Q1.e) This variable is NOT imputed. Ethnicity data were missing on 33 percent of NAMCS records. An imputed ethnicity variable can be found in column 898. -9 = Blank 1 = Hispanic or Latino 2 = Not Hispanic or Latino
7	2	14-15	[RACEUN] RACE (from PRF Q1.f) This variable is NOT imputed. Race data were missing on 31 percent of NAMCS records. An imputed race variable can be found in column 899. -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
8	1	16	[PAYPRIV] EXPECTED SOURCE OF PAYMENT: PRIVATE INSURANCE (from PRF Q1.g) 0 = No 1 = Yes
9	1	17	[PAYMCARE] EXPECTED SOURCE OF PAYMENT: MEDICARE (from PRF Q1.g) 0 = No 1 = Yes
10	1	18	[PAYMCAID] EXPECTED SOURCE OF PAYMENT: MEDICAID/SCHIP (from PRF Q1.g) 0 = No 1 = Yes
11	1	19	[PAYWKCMP] EXPECTED SOURCE OF PAYMENT: WORKER'S COMPENSATION (from PRF Q1.g) 0 = No 1 = Yes
12	1	20	[PAYSELF] EXPECTED SOURCE OF PAYMENT: SELF PAY (from PRF Q1.g) 0 = No 1 = Yes

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
13	1	21	[PAYNOCHG] EXPECTED SOURCE OF PAYMENT: NO CHARGE/CHARITY (from PRF Q1.g) 0 = No 1 = Yes
14	1	22	[PAYOTH] EXPECTED SOURCE OF PAYMENT: OTHER (from PRF Q1.g) 0 = No 1 = Yes
15	1	23	[PAYUNK] EXPECTED SOURCE OF PAYMENT: UNKNOWN (from PRF Q1.g) 0 = No 1 = Yes
16	2	24-25	[PAYTYPE] PRIMARY EXPECTED SOURCE OF PAYMENT FOR THIS VISIT (Recoded from PRF Q1.g using this hierarchy of payment categories: Medicaid/SCHIP, Medicare, Private Insurance, Worker's Compensation, Self- Pay, No Charge/Charity, Other, Unknown) -9 = Blank -8 = Unknown 1 = Private insurance 2 = Medicare 3 = Medicaid/SCHIP 4 = Worker's Compensation 5 = Self-pay 6 = No charge/charity 7 = Other
17	2	26-27	[USETOBAC] TOBACCO USE (from PRF Q1.h) -9 = Blank -8 = Unknown 1 = Not current 2 = Current
18	2	28-29	 [INJDET] (INJURY/POISONING/ADVERSE EFFECT) Is this visit related to any of the following: (from PRF Q2) -9 = Blank 1 = Unintentional injury/poisoning 2 = Intentional injury/poisoning 3 = Injury/poisoning – unknown intent 4 = Adverse effect of medical/surgical care or adverse effect of medicinal drug 5 = None of the above 8 = More than one box is marked

2007 NAMCS MICRO-DATA FILE DOCUMENTATION

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
19	1	30	[INJURY] Is this visit related to an injury, poisoning, or adverse effect of medical treatment? (recoded from PRF Q2, PRF Q3 and PRF Q5) 0 = No 1 = Yes
			PATIENT'S REASON(S) FOR VISIT (See page 21 in Section I and Coding List in Appendix II.) (from PRF Q3)
20	5	31-35	[RFV1] REASON # 1 -9 = Blank 10050-89990 = 1005.0-8999.0
21	5	36-40	[RFV2] REASON # 2 -9 = Blank 10050-89990 = 1005.0-8999.0
22	5	41-45	[RFV3] REASON # 3 -9 = Blank 10050-89990 = 1005.0-8999.0
23	2	46-47	[PRIMCARE] ARE YOU THE PATIENT'S PRIMARY CARE PHYSICIAN? (from PRF Q4.a) -9 = Blank -8 = Unknown 1 = Yes 2 = No
24	1	48-49	[REFER] WAS PATIENT REFERRED FOR THIS VISIT? (from PRF Q4.a) -9 = Blank -8 = Unknown -7 = Not applicable 1 = Yes 2 = No
25	1	50	[SENBEFOR] HAS THE PATIENT BEEN SEEN IN YOUR PRACTICE BEFORE? (from PRF Q4.b) 1 = Yes, established patient 2 = No, new patient
26	2	51-52	[PASTVIS] HOW MANY PAST VISITS IN THE LAST 12 MONTHS? (from PRF Q4.b) -7 = Not applicable 0-98 99 = 99 visits or more

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
27	2	53-54	 [MAJOR] MAJOR REASON FOR THIS VISIT (from PRF Q4.c) -9 = Blank 1 = New problem (<3 mos. onset) 2 = Chronic problem, routine 3 = Chronic problem, flare up 4 = Pre-/Post-surgery 5 = Preventive care (e.g. routine prenatal, well-baby, screening, insurance, general exams) PHYSICIAN'S DIAGNOSES (See page 21, Section 1 for explanation of coding.) (from PRF Q5a)
28	5	55-59	[DIAG1] DIAGNOSIS # 1 (ICD-9-CM) There is an implied decimal between the third and fourth digits; for inapplicable fourth or fifth digits, a dash is inserted.
			 -9 = Blank 0010[-] - V829[-] = 001.0[0]-V82.9[0] V990- = Noncodable, insufficient information for coding, illegible V991- = Left before being seen; patient walked out; not seen by doctor; left against medical advice V992- = Transferred to another facility; sent to see specialist V993- = HMO will not authorize treatment V997- = Entry of "none," "no diagnosis," "no disease," or "healthy"
29	5	60-64	[DIAG2] DIAGNOSIS # 2 (ICD-9-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.
30	5	65-69	[DIAG3] DIAGNOSIS # 3 (ICD-9-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.
			PROBABLE, QUESTIONABLE, AND RULE OUT DIAGNOSES
31	2	70-71	[PRDIAG1] IS DIAGNOSIS #1 PROBABLE, QUESTIONABLE, OR RULE OUT? (derived from PRF Q5.a) -7 = Not applicable 0 = No 1 = Yes

2007 NAMCS MICRO-DATA FILE DOCUMENTATION

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
32	2	72-73	[PRDIAG2] IS DIAGNOSIS #2 PROBABLE, QUESTIONABLE, OR RULE OUT? (derived from PRF Q5.a) -7 = Not applicable 0 = No 1 = Yes
33	2	74-75	[PRDIAG3] IS DIAGNOSIS #3 PROBABLE, QUESTIONABLE, OR RULE OUT? (derived from PRF Q5.a) -7 = Not applicable 0 = No 1 = Yes
			REGARDLESS OF THE DIAGNOSES WRITTEN IN 5A, DOES THE PATIENT NOW HAVE: (from PRF Q5.b) 0 = No 1 = Yes
34 35 36	1 1 1	76 77 78	[ARTHRTIS] Arthritis [ASTHMA] Asthma [CANCER] Cancer
37	2	79-80	[CASTAGE] Stage of patient's cancer -9 = Blank -8 = Unknown -7 = Not applicable 0 = In situ 1 = Local 2 = Regional 3 = Distant
38 39 40 41 42 43 44 45 46 47 48	1 1 1 1 1 1 1 1 1	81 82 83 84 85 86 87 88 89 90 91	[CEBVD] Cerebrovascular disease [CHF] Congestive heart failure [CRF] Chronic renal failure [COPD] Chronic obstructive pulmonary disease [DEPRN] Depression [DIABETES] Diabetes [HYPLIPID] Hyperlipidemia [HTN] Hypertension [IHD] Ischemic heart disease [OBESITY] Obesity [OSTPRSIS] Osteoporosis
49	1	92	[NOCHRON] None of the above 0 = "None" not checked 1 = "None" checked 2 = Entire item blank

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
50	2	93-94	[TOTCHRON] TOTAL NUMBER OF CHRONIC CONDITIONS (derived from PRF Q5.b) -9 = Blank 0-14
51	2	95-96	[DMP] STATUS OF PATIENT ENROLLMENT IN A DISEASE MANAGEMENT PROGRAM FOR CONDITION(S) MARKED IN 5B (from PRF Q5.c) -9 = Blank -8 = Unknown -7 = Not applicable 1 = Currently enrolled 2 = Ordered/advised to enroll at this visit 3 = Not enrolled
			VITAL SIGNS (from PRF Q6)
52	2	97-98	[HTIN] PATIENT'S HEIGHT (inches) -9 = Blank 14-78 inches
53	3	99-101	[WTLB] PATIENT'S WEIGHT (pounds) -9 = Blank 4-499 500 = 500 lbs. or more
54	6	102-107	[BMI] Body-Mass Index This was calculated from Patient's Height and Weight during data processing. It contains a decimal point and up to 2 decimal places. BMI was not calculated for pregnant females or patients under age 2. -9 = Missing data -7 = Not calculated 9.61-82.01
55	4	108-111	[TEMPF] Temperature (Fahrenheit) There is an implied decimal between the third and fourth digits. -9 = Blank 900 – 1099 = 90.0-109.9 Fahrenheit
56	3	112-114	[BPSYS] Blood pressure - systolic -9 = Blank 66 - 260
57	3	115-117	[BPDIAS] Blood pressure – diastolic -9 = Blank 21-150 998 = P, Palp, DOP, or DOPPLER

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
			DIAGNOSTIC/SCREENING SERVICES (from PRF Q7)
58	1	118	[DIAGSCRN] Were any diagnostic/screening services ordered or provided at this visit? 0 = No 1 = Yes 2 = No answer (Entire item blank, including "None" box.) 0 = No, 1 = Yes (excludes write-ins)
59	1	119	EXAMINATIONS: [BREAST] Breast exam
60	1	120	[PELVIC] Pelvic exam
61	1	121	[RECTAL] Rectal exam
62	1	122	[SKIN] Skin exam
63	1	123	[DEPRESS] Depression screening exam
64	1	124	IMAGING: [ANYIMAGE] (derived from PRF Q7, boxes 7-15) This item was created during data processing and indicates whether any of the imaging boxes were checked.
65	1	125	[XRAY] X-ray
66	1	126	[BONEDENS] Bone density exam
67	1	127	[CATSCAN] CT Scan
68 69	1 1	128 129	[ECHOCARD] Echocardiogram [OTHULTRA] Other ultrasound
70	1	130	[MAMMO] Mammography
71	1	131	[MRI] MRI
72	1	132	[PETSCAN] PET Scan
73	1	133	[OTHIMAGE] Other imaging
			BLOOD TESTS:
74 75	1 1	134 135	[CBC] Complete blood count [ELECTROL] Electrolytes
76 77	1 1	136 137	[GLUCOSE] Glucose [HGBA] HgbA1C (glycohemoglobin)
78	1	138	[CHOLEST] Cholesterol
79	1	139	[PSA] PSA (Prostate specific antigen)
80	1	140	[OTHERBLD] Other blood test

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
			OTHER TESTS:
81	1	141	[SCOPPROC] Any scope procedure
82	4	142-145	[SCOPEWI1] Scope procedure write-in #1 (ICD-9-CM, Vol.3, Procedure Classification) A left-justified alphanumeric code with an implied decimal after the first two digits; inapplicable fourth digits have a dash inserted. -9 = Blank 0101-999 = 01.01-99.99
83	4	146-149	[SCOPEWI2] Scope procedure write-in #2 (ICD-9-CM, Vol.3, Procedure Classification) A left-justified alphanumeric code with an implied decimal after the first two digits; inapplicable fourth digits have a dash inserted. -9 = Blank 0101-999 = 01.01-99.99
84	1	150	[SIGCOLON] (derived from PRF Q7, box 23) This item was created during data processing and indicates whether any type of sigmoidoscopy/colonoscopy was ordered or performed at the visit, based on write-in procedure entries. It is a summary variable only and should not be added to results from the write-in procedure fields.
85	1	151	[BIOPSY] Biopsy
86	4	152-155	 [BIOPSYWI] Site of biopsy (ICD-9-CM, Vol.3, Procedure Classification) A left-justified alphanumeric code with an implied decimal after the first two digits; inapplicable fourth digits have a dash inserted. -9 = Blank 0101-999 = 01.01-99.99
87 88 90 91 92 93 94 95 96	1 1 1 1 1 1 1 1 1	156 157 158 159 160 161 162 163 164 165	[CHLAMYD] Chlamydia test [PAPCONV] PAP test - conventional [PAPLIQ] PAP test - liquid-based [PAPUNSP] PAP test – unspecified [PREGTEST] Pregnancy test [HPVDNA] HPV DNA test [EKG] EKG/ECG [SPIRO] Spirometry/Pulmonary function test [URINE] Urinalysis [OTHDIAG] Other test/service

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
97	4	166-169	 [DIAGSC1] Other diagnostic service write-in #1 (ICD-9-CM, Vol.3, Procedure Classification) A left-justified alphanumeric code with an implied decimal after the first two digits; inapplicable fourth digits have a dash inserted. -9 = Blank 0101-999 = 01.01-99.99
98	4	170-173	 [DIAGSC2] Other diagnostic service write-in #2 (ICD-9-CM, Vol.3, Procedure Classification) A left-justified alphanumeric code with an implied decimal after the first two digits; inapplicable fourth digits have a dash inserted. -9 = Blank 0101-999 = 01.01-99.99
99 100 101 102	1 1 1 1	174 175 176 177	[HTTAKE] Height taken (derived from PRF Q6) [WTTAKE] Weight taken (derived from PRF Q6) [TEMPTAKE] Temperature taken (derived from PRF Q6) [BLODPRES] Blood pressure taken (derived from PRF Q6)
103	2	178-179	[TOTDIAG] Total number of diagnostic/screening services ordered or provided -9 = Blank 0-35
			HEALTH EDUCATION (from PRF Q8)
104	1	180	[HLTHED] Was any health education ordered or provided at this visit? 0 = No 1 = Yes 2 = No answer (Entire item blank, including "None" box.)
			0 = No, 1 = Yes
105 106 107 108 109 110 111 112 113	1 1 1 1 1 1 1 1	181 182 183 184 185 186 187 188 189	[ASTHMAED] Asthma education DIETNUTR] Diet/Nutrition [EXERCISE] Exercise [GRWTHDEV] Growth/Development [INJPREV] Injury prevention [STRESMGT] Stress management [TOBACED] Tobacco use/exposure [WTREDUC] Weight reduction [OTHLTHED] Other health education
114	2	190-191	[TOTHLTED] Total health education ordered or provided -9 = Entire item blank 0-9

PAG	E 40

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
			NON-MEDICATION TREATMENT (from PRF Q9)
115	1	192	[NONMED] Was any non-medication treatment ordered or provided at this visit?
			0 = No 1 = Yes 2 = Entire item blank, including "None" box
			0 = No, 1 = Yes
116 117 118 119 120 121 122 123 124 125 126 127 128	1 1 1 1 1 1 1 1 1	193 194 195 196 197 198 199 200 201 202 203 204 205	[CAM] Complementary alternative medicine [DME] Durable medical equipment [HOMEHLTH] Home health care [HOSPICE] Hospice care [PT] Physical therapy [RADTHER] Radiation therapy [SPOCTHER] Speech/Occupational therapy [PSYCHOTH] Psychotherapy [OTHMNTL] Other mental health counseling [EXCISION] Excision [ORTHO] Orthopedic care [WOUND] Wound care [OTHPROC] Other surgical or non-surgical procedures This created checkbox combines data from items 9.14 and 9.15 on the Patient Record form. Procedures written in these items are listed below.
129	4	206-209	[OTHPROC1] Procedure #1 (ICD-9-CM, Vol.3, Procedure Classification) A left-justified alphanumeric code with an implied decimal after the first two digits; inapplicable fourth digits have a dash inserted. -9 = Blank 0101-999 = 01.01-99.99
130	4	210-213	[OTHPROC2] Procedure # 2 (ICD-9-CM, Vol.3, Procedure Classification) A left-justified alphanumeric code with an implied decimal after the first two digits; inapplicable fourth digits have a dash inserted. -9 = Blank 0101-999 = 01.01-99.99

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
131	4	214-217	[OTHPROC3] Procedure # 3 (ICD-9-CM, Vol.3, Procedure Classification) A left-justified alphanumeric code with an implied decimal after the first two digits; inapplicable fourth digits have a dash inserted. -9 = Blank 0101-999 = 01.01-99.99
132	4	218-221	[OTHPROC4] Procedure #4 (ICD-9-CM, Vol.3, Procedure Classification) A left-justified alphanumeric code with an implied decimal after the first two digits; inapplicable fourth digits have a dash inserted. -9 = Blank 0101-999 = 01.01-99.99
133	2	222-223	[TOTNONMED] Total number of non-medication treatments -9 = Entire item blank 0-16
			MEDICATIONS & IMMUNIZATIONS (See page 22 for more information. See Appendix III for Code List.) (from PRF Q10)
134	1	224	[MED] WERE MEDICATIONS OR IMMUNIZATIONS ORDERED OR PROVIDED AT THIS VISIT? 0 = No 1 = Yes 2 = Entire item blank, including "None" box
135	5	225-229	[MED1] MEDICATION #1 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry
136	5	230-234	[MED2] MEDICATION #2 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry
137	5	235-239	[MED3] MEDICATION #3 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
138	5	240-244	[MED4] MEDICATION #4 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry
139	5	245-249	[MED5] MEDICATION #5 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry
140	5	250-254	[MED6] MEDICATION #6 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry
141	5	255-259	[MED7] MEDICATION #7 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry
142	5	260-264	[MED8] MEDICATION #8 -9 = Blank 00001-99227 = 00001-99227 99980 = Unknown Entry; Other 99999 = Illegible Entry
143	2	265-266	[NCMED1] Was medication #1 new or continued? -9 = Blank -7 = Not applicable (no drug listed) 1 = New 2 = Continued 3 = Both "New" and "Continued" were checked
144	2	267-268	[NCMED2] Was medication #2 new or continued? See NCMED1.
145	2	269-270	[NCMED3] Was medication #3 new or continued? See NCMED1.
146	2	271-272	[NCMED4] Was medication #4 new or continued?
147	2	273-274	See NCMED1. [NCMED5] Was medication #5 new or continued? See NCMED1.
148	2	275-276	[NCMED6] Was medication #6 new or continued? See NCMED1.

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
149	2	277-278	[NCMED7] Was medication #7 new or continued? See NCMED1.
150	2	279-280	[NCMED8] Was medication #8 new or continued? See NCMED1
151	1	281	[NUMNEW] NUMBER OF NEW MEDICATIONS CODED 0 – 8
152	1	282	[NUMCONT] NUMBER OF CONTINUED MEDICATIONS CODED 0 – 8
			NOTE: For NUMNEW and NUMCONT, the value '0' can reflect the following situations: for NUMNEW, a) no drug listed; b) drug listed as continued medication only; or c) drug listed but unknown whether new or continued; for NUMCONT, a) no drug listed; b) drug listed as new medication only, or c) drug listed but unknown whether new or continued
153	1	283	[NUMMED] NUMBER OF MEDICATIONS CODED 0 – 8
			PROVIDERS SEEN (from PRF Q11)
			0 = No, 1 = Yes
154 155 156 157 158 159 160	1 1 1 1 1 1	284 285 286 287 288 289 290	[NOPROVID] No answer to item [PHYS] Physician [PHYSASST] Physician assistant [NPNMW] Nurse practitioner/Midwife [RNLPN] RN/LPN [MHP] Mental health provider [OTHPROV] Other provider
			VISIT DISPOSITION (from PRF Q12)
			0 = No, 1 = Yes
161 162 163 164 165 166 167 168 169	1 1 1 1 1 1 1 1	291 292 293 294 295 296 297 298 299	[NODISP] No answer to item [NOFU] No follow-up planned [RETPRN] Return if needed, P.R.N [REFOTHMD] Refer to other physician [RETAPPT] Return at specified time [TELEPHON] Telephone follow-up planned [REFERED] Refer to emergency department [ADMITHOS] Admit to hospital [OTHDISP] Other visit disposition

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
170	3	300-302	[TIMEMD] TIME SPENT WITH MD (in minutes) (from PRF Q13) 0-239 240 = 240 or more
171	6	303-308	[PATWT] PATIENT VISIT WEIGHT (See page 27 in Section I) A right-justified integer developed by NCHS staff for the purpose of producing national estimates from sample data.
172	1	309	[REGION] GEOGRAPHIC REGION (Based on actual location of the practice.)
			1= Northeast 2= Midwest 3= South 4= West
173	1	310	[MSA] METROPOLITAN/NON-METROPOLITAN STATUS
			(Based on actual location 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)
174	3	311-313	[SPEC] PHYSICIAN SPECIALTY COLLECTED FROM INDUCTION INTERVIEW (REFERENCE 3)
			(See "Physician Specialty List" on page 79.)
175	1	314	[MDDO] TYPE OF DOCTOR 1 = M.D Doctor of Medicine 2 = D.O Doctor of Osteopathy
176	4	315-318	[PHYCODE] PHYSICIAN CODE - A unique code assigned to all records from a particular physician. 11-7022
177	3	319-321	[PATCODE] PATIENT CODE - A number assigned to identify each individual record from a particular physician. 1-66

184

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES				
110.	LENGTH	LOOMINGIN					
**** TF	**** THE FOLLOWING FIELDS SHOW WHETHER DATA WERE IMPUTED TO REPLACE BLANKS ****						
			IMPUTED FIELDS				
			0 = Not imputed 1 = Imputed				
178	1	322	[BDATEFL] Patient birth date				
179	1	323	[SEXFL] Patient sex				
180	1	324	[ETHNICFL] Patient ethnicity				
181	1	325	[RACEFL] Patient race				
182	1	326	[SENBEFL] Has patient been seen in your practice before?				
183	1	327	[PASTFL] If yes, how many past visits in last 12 months?				

[PASTFL] If yes, how many past visits in last 12 months? [TIMEMDFL] Time spent with physician (minutes) 327 328 1 1

CONTINUED ON NEXT PAGE.

PAGE 46		2007 NAMCS MICRO-DATA FILE DOCUMENTATION
ITEM FIELD NO. 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 NAMCS drug data. All Multum codes start with the letter "d" but there were some drugs reported in NAMCS 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 2007 drug data (including information on therapeutic class and drug ingredients, please see page 22.)

185	6	329-334	[DRUGID1] DRUG ID (See p. 144 for more information.)
			a07001-a71066 = NCHS code (for drugs not found in Multum but for which ingredients could be determined) c00002-c07003 = NCHS code (for drugs not found in Multum and with undetermined ingredients) d00001-d07347 = Multum code
186	1	335	[PRESCR1] PRESCRIPTION STATUS CODE 1 = Prescription Drug 2 = Nonprescription Drug 3 = Undetermined
187	1	336	[CONTSUB1] CONTROLLED SUBSTANCE STATUS CODE 1 = Schedule I (Research Only) 2 = Schedule II 5 = Schedule V 3 = Schedule III 6 = No Control 4 = Schedule IV 7 = Undetermined
188	1	337	[COMSTAT1] COMPOSITION STATUS CODE 1 = Single Entity Drug 2 = Combination Drug 3 = Undetermined
189	3	338-340	[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 22. The complete Multum classification is shown in Appendix III.
			 " = Blank/Not applicable 001 - 899 = Drug category 999 = Undetermined category

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
190	3	341-343	[RX1CAT2] MULTUM DRUG CATEGORY # 2 See RX1CAT1.
191	3	344-346	[RX1CAT3] MULTUM DRUG CATEGORY # 3 See RX1CAT1.
192	3	347-349	[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.
193 194 195 196	3 3 3 3	350-352 353-355 356-358 359-361	[RX1V1C1] Level 1 of MULTUM DRUG CATEGORY # 1 [RX1V1C2] Level 1 of MULTUM DRUG CATEGORY # 2 [RX1V1C3] Level 1 of MULTUM DRUG CATEGORY # 3 [RX1V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
197 198 199 200	3 3 3 3	362-364 365-367 368-370 371-373	[RX1V2C1] Level 2 of MULTUM DRUG CATEGORY # 1 [RX1V2C2] Level 2 of MULTUM DRUG CATEGORY # 2 [RX1V2C3] Level 2 of MULTUM DRUG CATEGORY # 3 [RX1V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
201 202 203 204	3 3 3 3	374-376 377-379 380-382 383-385	[RX1V3C1] Level 3 of MULTUM DRUG CATEGORY # 1 [RX1V3C2] Level 3 of MULTUM DRUG CATEGORY # 2 [RX1V3C3] Level 3 of MULTUM DRUG CATEGORY # 3 [RX1V3C4] Level 3 of MULTUM DRUG CATEGORY # 4

PAGE 48			2007 NAMCS MICRO-DATA FILE DOCUMENTATION
ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
			DRUG-RELATED INFO FOR MEDICATION #2
205	6	386-391	[DRUGID2] Drug ID (See p. 144 for more information.) a10001-a71037 = NCHS code (for drugs not found in Multum but for which ingredients could be determined) c00012-c00899 = NCHS code (for drugs not found in Multum and with undetermined ingredients) d00001-d06848 = Multum code
206	1	392	[PRESCR2] PRESCRIPTION STATUS CODE 1 = Prescription Drug 2 = Nonprescription Drug 3 = Undetermined
207	1	393	[CONTSUB2] CONTROLLED SUBSTANCE STATUS CODE1 = Schedule I (Research Only)2 = Schedule II5 = Schedule V3 = Schedule III6 = No Control4 = Schedule IV7 = Undetermined
208	1	394	[COMSTAT2] COMPOSITION STATUS CODE 1 = Single Entity Drug 2 = Combination Drug 3 = Undetermined
209	3	395-397	[RX2CAT1] 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 22. The complete Multum classification is shown in Appendix III.
			 " = Blank/Not applicable 001 - 899 = Drug category 999 = Undetermined category
210	3	398-400	[RX2CAT2] MULTUM DRUG CATEGORY # 2 See RX2CAT1.
211	3	401-403	[RX2CAT3] MULTUM DRUG CATEGORY # 3 See RX2CAT1.
212	3	404-406	[RX2CAT4] MULTUM DRUG CATEGORY # 4 See RX2CAT1.

ITEM	FIELD	FILE	[ITEM NAME], DESCRIPTION, AND CODES
NO.	LENGTH	LOCATION	
			DRUG CATEGORY LEVELS See RX2CAT1 for general coding conventions that apply to all Multum drug categories. Complete Multum classification
213 214 215 216	3 3 3 3	407-409 410-412 413-415 416-418	scheme is shown in Appendix III. [RX2V1C1] Level 1 of MULTUM DRUG CATEGORY # 1 [RX2V1C2] Level 1 of MULTUM DRUG CATEGORY # 2 [RX2V1C3] Level 1 of MULTUM DRUG CATEGORY # 3 [RX2V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
217	3	419-421	[RX2V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
218	3	422-424	[RX2V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
219	3	425-427	[RX2V2C3] Level 2 of MULTUM DRUG CATEGORY # 3
220	3	428-430	[RX2V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
221	3	431-433	[RX2V3C1] Level 3 of MULTUM DRUG CATEGORY # 1
222	3	434-436	[RX2V3C2] Level 3 of MULTUM DRUG CATEGORY # 2
223	3	437-439	[RX2V3C3] Level 3 of MULTUM DRUG CATEGORY # 3
224	3	440-442	[RX2V3C4] Level 3 of MULTUM DRUG CATEGORY # 4

PAGE	50
1,100	

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
			DRUG-RELATED INFO FOR MEDICATION #3
225	6	443-448	[DRUGID3] Drug ID (See p. 144 for more information.) a10001-a71037 = NCHS code (for drugs not found in Multum but for which ingredients could be determined) c00012-c00899 = NCHS code (for drugs not found in Multum and with undetermined ingredients) d00001-d06848 = Multum code
226	1	449	[PRESCR3] PRESCRIPTION STATUS CODE 1 = Prescription Drug 2 = Nonprescription Drug 3 = Undetermined
227	1	450	[CONTSUB3] CONTROLLED SUBSTANCE STATUS CODE1 = Schedule I (Research Only)2 = Schedule II5 = Schedule V3 = Schedule III6 = No Control4 = Schedule IV7 = Undetermined
228	1	451	[COMSTAT3] COMPOSITION STATUS CODE 1 = Single Entity Drug 2 = Combination Drug 3 = Undetermined
229	3	452-454	[RX3CAT1] 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 22. The complete Multum classification is shown in Appendix III.
			 " = Blank/Not applicable 001 - 899 = Drug category 999 = Undetermined category
230	3	455-457	[RX3CAT2] MULTUM DRUG CATEGORY # 2 See RX3CAT1.
231	3	458-460	[RX3CAT3] MULTUM DRUG CATEGORY # 3 See RX3CAT1.
232	3	461-463	[RX3CAT4] MULTUM DRUG CATEGORY # 4 See RX3CAT1.

FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
		DRUG CATEGORY LEVELS See RX3CAT1 for general coding conventions that apply to all
		Multum drug categories. Complete Multum classification scheme is shown in Appendix III.
3	464-466	[RX3V1C1] Level 1 of MULTUM DRUG CATEGORY # 1
	467-469	RX3V1C2 Level 1 of MULTUM DRUG CATEGORY # 2
	470-472	RX3V1C3 Level 1 of MULTUM DRUG CATEGORY # 3
3	473-475	[RX3V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
3	476-478	[RX3V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
	479-481	[RX3V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
3	482-484	RX3V2C3 Level 2 of MULTUM DRUG CATEGORY # 3
3	485-487	[RX3V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
3 3 3 3	488-490 491-493 494-496 497-499	[RX3V3C1] Level 3 of MULTUM DRUG CATEGORY # 1 [RX3V3C2] Level 3 of MULTUM DRUG CATEGORY # 2 [RX3V3C3] Level 3 of MULTUM DRUG CATEGORY # 3 [RX3V3C4] Level 3 of MULTUM DRUG CATEGORY # 4
	LENGTH 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	LENGTH LOCATION 3 464-466 3 467-469 3 470-472 3 473-475 3 476-478 3 479-481 3 482-484 3 485-487 3 488-490 3 491-493 3 494-496

PAGE	52
------	----

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
			DRUG-RELATED INFO FOR MEDICATION #4
245	6	500-505	[DRUGID4] Drug ID (See p. 144 for more information.) a10001-a71037 = NCHS code (for drugs not found in Multum but for which ingredients could be determined) c00012-c00899 = NCHS code (for drugs not found in Multum and with undetermined ingredients) d00001-d06848 = Multum code
246	1	506	[PRESCR4] PRESCRIPTION STATUS CODE 1 = Prescription Drug 2 = Nonprescription Drug 3 = Undetermined
247	1	507	[CONTSUB4] CONTROLLED SUBSTANCE STATUS CODE1 = Schedule I (Research Only)2 = Schedule II5 = Schedule V3 = Schedule III6 = No Control4 = Schedule IV7 = Undetermined
248	1	508	[COMSTAT4] COMPOSITION STATUS CODE 1 = Single Entity Drug 2 = Combination Drug 3 = Undetermined
249	3	509-511	[RX4CAT1] 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 22. The complete Multum classification is shown in Appendix III.
			 " = Blank/Not applicable 001 - 899 = Drug category 999 = Undetermined category
250	3	512-514	[RX4CAT2] MULTUM DRUG CATEGORY # 2 See RX4CAT1.
251	3	515-517	[RX4CAT3] MULTUM DRUG CATEGORY # 3 See RX4CAT1.
252	3	518-520	[RX4CAT4] MULTUM DRUG CATEGORY # 4 See RX4CAT1.

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
			DRUG CATEGORY LEVELS See RX4CAT1 for general coding conventions that apply to all
			Multum drug categories. Complete Multum classification scheme is shown in Appendix III.
253	3	521-523	[RX4V1C1] Level 1 of MULTUM DRUG CATEGORY # 1
254	3	524-526	[RX4V1C2] Level 1 of MULTUM DRUG CATEGORY # 2
255	3	527-529	[RX4V1C3] Level 1 of MULTUM DRUG CATEGORY # 3
256	3	530-532	[RX4V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
257	3	533-535	[RX4V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
258	3	536-538	[RX4V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
259	3	539-541	[RX4V2C3] Level 2 of MULTUM DRUG CATEGORY # 3
260	3	542-544	[RX4V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
261 262 263 264	3 3 3 3	545-547 548-550 551-553 554-556	[RX4V3C1] Level 3 of MULTUM DRUG CATEGORY # 1 [RX4V3C2] Level 3 of MULTUM DRUG CATEGORY # 2 [RX4V3C3] Level 3 of MULTUM DRUG CATEGORY # 3 [RX4V3C4] Level 3 of MULTUM DRUG CATEGORY # 4
204	U	004-000	

PAGE 54

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
			DRUG-RELATED INFO FOR MEDICATION #5
265	6	557-562	[DRUGID5] Drug ID (See p. 144 for more information.) a10001-a71037 = NCHS code (for drugs not found in Multum but for which ingredients could be determined) c00012-c00899 = NCHS code (for drugs not found in Multum and with undetermined ingredients) d00001-d06848 = Multum code
266	1	563	[PRESCR5] PRESCRIPTION STATUS CODE 1 = Prescription Drug 2 = Nonprescription Drug 3 = Undetermined
267	1	564	[CONTSUB5] CONTROLLED SUBSTANCE STATUS CODE1 = Schedule I (Research Only)2 = Schedule II5 = Schedule V3 = Schedule III6 = No Control4 = Schedule IV7 = Undetermined
268	1	565	[COMSTAT5] COMPOSITION STATUS CODE 1 = Single Entity Drug 2 = Combination Drug 3 = Undetermined
269	3	566-568	[RX5CAT1] 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 22. The complete Multum classification is shown in Appendix III.
			 " = Blank/Not applicable 001 - 899 = Drug category 999 = Undetermined category
270	3	569-571	[RX5CAT2] MULTUM DRUG CATEGORY # 2 See RX3CAT1.
271	3	572-574	[RX5CAT3] MULTUM DRUG CATEGORY # 3 See RX3CAT1.
272	3	575-577	[RX5CAT4] MULTUM DRUG CATEGORY # 4 See RX3CAT1.

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
			DRUG CATEGORY LEVELS
			See RX5CAT1 for general coding conventions that apply to all Multum drug categories. Complete Multum classification scheme is shown in Appendix III.
273	3	578-580	[RX5V1C1] Level 1 of MULTUM DRUG CATEGORY # 1
274	3	581-583	RX5V1C2 Level 1 of MULTUM DRUG CATEGORY # 2
275	3	584-586	RX5V1C3 Level 1 of MULTUM DRUG CATEGORY # 3
276	3	587-589	[RX5V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
277	3	590-592	[RX5V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
278	3	593-595	[RX5V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
279	3	596-598	[RX5V2C3] Level 2 of MULTUM DRUG CATEGORY # 3
280	3	599-601	[RX5V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
281 282 283 284	3 3 3 3	602-604 605-607 608-610 611-613	[RX5V3C1] Level 3 of MULTUM DRUG CATEGORY # 1 [RX5V3C2] Level 3 of MULTUM DRUG CATEGORY # 2 [RX5V3C3] Level 3 of MULTUM DRUG CATEGORY # 3 [RX5V3C4] Level 3 of MULTUM DRUG CATEGORY # 4

PAGE	56
I / OL	00

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
			DRUG-RELATED INFO FOR MEDICATION #6
285	6	614-619	[DRUGID6] Drug ID (See p. 144 for more information.) a10001-a71037 = NCHS code (for drugs not found in Multum but for which ingredients could be determined) c00012-c00899 = NCHS code (for drugs not found in Multum and with undetermined ingredients) d00001-d06848 = Multum code
286	1	620	[PRESCR6] PRESCRIPTION STATUS CODE 1 = Prescription Drug 2 = Nonprescription Drug 3 = Undetermined
287	1	621	[CONTSUB6] CONTROLLED SUBSTANCE STATUS CODE1 = Schedule I (Research Only)2 = Schedule II5 = Schedule V3 = Schedule III6 = No Control4 = Schedule IV7 = Undetermined
288	1	622	[COMSTAT6] COMPOSITION STATUS CODE 1 = Single Entity Drug 2 = Combination Drug 3 = Undetermined
289	3	623-625	[RX6CAT1] 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 22. The complete Multum classification is shown in Appendix III.
			 " = Blank/Not applicable 001 - 899 = Drug category 999 = Undetermined category
290	3	626-628	[RX6CAT2] MULTUM DRUG CATEGORY # 2 See RX6CAT1.
291	3	629-631	[RX6CAT3] MULTUM DRUG CATEGORY # 3 See RX6CAT1.
292	3	632-634	[RX6CAT4] MULTUM DRUG CATEGORY # 4 See RX6CAT1.

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
			DRUG CATEGORY LEVELS
			See RX6CAT1 for general coding conventions that apply to all Multum drug categories. Complete Multum classification scheme is shown in Appendix III.
293	3	635-637	[RX6V1C1] Level 1 of MULTUM DRUG CATEGORY # 1
294	3	638-640	[RX6V1C2] Level 1 of MULTUM DRUG CATEGORY # 2
295	3	641-643	[RX6V1C3] Level 1 of MULTUM DRUG CATEGORY # 3
296	3	644-646	[RX6V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
297	3	647-649	[RX6V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
298	3	650-652	[RX6V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
299	3	653-655	[RX6V2C3] Level 2 of MULTUM DRUG CATEGORY # 3
300	3	656-658	[RX6V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
301 302 303	3 3 3	659-661 662-664 665-667	[RX6V3C1] Level 3 of MULTUM DRUG CATEGORY # 1 [RX6V3C2] Level 3 of MULTUM DRUG CATEGORY # 2 [RX6V3C3] Level 3 of MULTUM DRUG CATEGORY # 3
304	3	668-670	[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
305	6	671-676	DRUGID7] Drug ID (See p. 144 for more information.) a10001-a71037 = NCHS code (for drugs not found in Multum but for which ingredients could be determined) c00012-c00899 = NCHS code (for drugs not found in Multum and with undetermined ingredients) d00001-d06848 = Multum code
306	1	677	[PRESCR7] PRESCRIPTION STATUS CODE 1 = Prescription Drug 2 = Nonprescription Drug 3 = Undetermined
307	1	678	[CONTSUB7] CONTROLLED SUBSTANCE STATUS CODE1 = Schedule I (Research Only)2 = Schedule II5 = Schedule V3 = Schedule III6 = No Control4 = Schedule IV7 = Undetermined
308	1	679	[COMSTAT7] COMPOSITION STATUS CODE 1 = Single Entity Drug 2 = Combination Drug 3 = Undetermined
309	3	680-682	[RX7CAT1] 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 22. The complete Multum classification is shown in Appendix III.
			 " = Blank/Not applicable 001 - 899 = Drug category 999 = Undetermined category
310	3	683-685	[RX7CAT2] MULTUM DRUG CATEGORY # 2 See RX7CAT1.
311	3	686-688	[RX7CAT3] MULTUM DRUG CATEGORY # 3 See RX7CAT1.
312	3	689-691	[RX7CAT4] MULTUM DRUG CATEGORY # 4 See RX7CAT1.

ITEM	FIELD	FILE	[ITEM NAME], DESCRIPTION, AND CODES
NO.	LENGTH	LOCATION	
			DRUG CATEGORY LEVELS See RX7CAT1 for general coding conventions that apply to all
			Multum drug categories. Complete Multum classification scheme is shown in Appendix III.
313	3	692-694	[RX7V1C1] Level 1 of MULTUM DRUG CATEGORY # 1
314	3	695-697	[RX7V1C2] Level 1 of MULTUM DRUG CATEGORY # 2
315	3	698-700	[RX7V1C3] Level 1 of MULTUM DRUG CATEGORY # 3
316	3	701-703	[RX7V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
317	3	704-706	[RX7V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
318	3	707-709	[RX7V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
319	3	710-712	[RX7V2C3] Level 2 of MULTUM DRUG CATEGORY # 3
320	3	713-715	[RX7V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
321	3	716-718	[RX7V3C1] Level 3 of MULTUM DRUG CATEGORY # 1
322	3	719-721	[RX7V3C2] Level 3 of MULTUM DRUG CATEGORY # 2
323	3	722-724	[RX7V3C3] Level 3 of MULTUM DRUG CATEGORY # 3
324	3	725-727	[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
325	6	728-733	[DRUGID8] Drug ID (See p. 144 for more information.) a10001-a71037 = NCHS code (for drugs not found in Multum but for which ingredients could be determined) c00012-c00899 = NCHS code (for drugs not found in Multum and with undetermined ingredients) d00001-d06848 = Multum code
326	1	734	[PRESCR8] PRESCRIPTION STATUS CODE 1 = Prescription Drug 2 = Nonprescription Drug 3 = Undetermined
327	1	735	[CONTSUB8] CONTROLLED SUBSTANCE STATUS CODE 1 = Schedule I (Research Only) 2 = Schedule II 5 = Schedule V 3 = Schedule III 6 = No Control 4 = Schedule IV 7 = Undetermined
328	1	736	[COMSTAT8] COMPOSITION STATUS CODE 1 = Single Entity Drug 2 = Combination Drug 3 = Undetermined
329	3	737-739	[RX8CAT1] 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 22. The complete Multum classification is shown in Appendix III.
			 " = Blank/Not applicable 001 - 899 = Drug category 999 = Undetermined category
330	3	740-742	[RX8CAT2] MULTUM DRUG CATEGORY # 2 See RX8CAT1.
331	3	743-745	[RX8CAT3] MULTUM DRUG CATEGORY # 3 See RX8CAT1.
332	3	746-748	[RX8CAT4] MULTUM DRUG CATEGORY # 4 See RX8CAT1.

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
			DRUG CATEGORY LEVELS See RX8CAT1 for general coding conventions that apply to all Multum drug categories. Complete Multum classification
			scheme is shown in Appendix III.
333	3	749-751	[RX8V1C1] Level 1 of MULTUM DRUG CATEGORY # 1
334	3	752-754	[RX8V1C2] Level 1 of MULTUM DRUG CATEGORY # 2
335	3	755-757	[RX8V1C3] Level 1 of MULTUM DRUG CATEGORY # 3
336	3	758-760	[RX8V1C4] Level 1 of MULTUM DRUG CATEGORY # 4
337	3	761-763	[RX8V2C1] Level 2 of MULTUM DRUG CATEGORY # 1
338	3	764-766	[RX8V2C2] Level 2 of MULTUM DRUG CATEGORY # 2
339	3	767-769	[RX8V2C3] Level 2 of MULTUM DRUG CATEGORY # 3
340	3	770-772	[RX8V2C4] Level 2 of MULTUM DRUG CATEGORY # 4
341 342 343 344	3 3 3 3	773-775 776-778 779-781 782-784	[RX8V3C1] Level 3 of MULTUM DRUG CATEGORY # 1 [RX8V3C2] Level 3 of MULTUM DRUG CATEGORY # 2 [RX8V3C3] Level 3 of MULTUM DRUG CATEGORY # 3 [RX8V3C4] Level 3 of MULTUM DRUG CATEGORY # 4

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
The fo	llowing items w	ere collected using	g the Physician Induction Interview form at the start of the surv of the physician's practice.
345	1	785	 [RETYPOFF] TYPE OF OFFICE SETTING FOR THIS VIS 1 = Private solo or group practice 2 = Free standing clinic/urgicenter (not part of hospital emergency department or outpatient department) 3 = Community health center 4 = Mental health center 5 = Non-Federal government clinic 6 = Family planning clinic 7 = Health maintenance organization (HMO) or other prepaid practice 8 = Faculty Practice Plan 9 = Other
346	2	786-787	[SOLO] IS THIS A SOLO PRACTICE? -9 = Blank 1 = Yes 2 = No
347	2	788-789	[EMPSTAT] EMPLOYMENT STATUS OF PHYSICIAN -9 = Blank 1 = Owner 2 = Employee 3 = Contractor
348	2	790-791	[OWNS] WHO OWNS THE PRACTICE? -9 = Blank 1 = Physician or physician group 2 = Health Maintenance Organization (HMO) 3 = Community health center 4 = Medical/Academic health center 5 = Other hospital 6 = Other health care corporation 7 = Other
349	2	792-793	[LAB] IS ANY LAB TESTING PERFORMED AT THE OFFI -9 = Blank -8 = Don't know 1 = Yes

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
350	2	794-795	[PATEVEN] DOES PHYSICIAN SEE PATIENTS IN THE OFFICE DURING THE EVENING OR ON WEEKENDS? -9 = Blank -8 = Don't know 1 = Yes 2 = No
			DURING LAST NORMAL WEEK OF PRACTICE, DID PHYSICIAN MAKE ENCOUNTERS OF THE FOLLOWING TYPES WITH PATIENTS:
351	2	796-797	[NHVISR] NURSING HOME VISITS -9 = Blank 0 = No 1 = Yes
352	2	798-799	[HOMVISR] OTHER HOME VISITS -9 = Blank 0 = No 1 = Yes
353	2	800-801	[HOSVISR] HOSPITAL VISITS -9 = Blank 0 = No 1 = Yes
354	2	802-803	[TELCONR] TELEPHONE CONSULTS -9 = Blank 0 = No 1 = Yes
355	2	804-805	[ECONR] INTERNET/EMAIL CONSULTS -9 = Blank 0 = No 1 = Yes
356	2	806-807	[EBILLREC] DOES THIS PRACTICE SUBMIT CLAIMS ELECTRONICALLY (ELECTRONIC BILLING)? -9 = Blank -8 = Don't know 1 = Yes, all electronic 2 = Yes, part paper and part electronic 3 = No

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
357	2	808-809	[EMEDREC] DOES THIS PRACTICE USE ELECTRONIC MEDICAL RECORDS (NOT INCLUDING BILLING RECORDS)? -9 = Blank -8 = Don't know 1 = Yes, all electronic 2 = Yes, part paper and part electronic 3 = No
358	2	810-811	[EDEMOG] DOES YOUR PRACTICE HAVE A COMPUTERIZED SYSTEM FOR PATIENT DEMOGRAPHIC INFORMATION? -9= Blank -8= Unknown 1= Yes 2= No 4= Turned off
			(Note: On the data collection instrument, category 3 was used for responses of "Unknown." Since the "Unknown" response was standardized to a value of -8 to during data processing, category 3 is not used here.)
359	2	812-813	[EPROLST] IF PRACTICE HAS A COMPUTERIZED SYSTEM FOR PATIENT DEMOGRAPHIC INFORMATION, DOES IT INCLUDE PATIENT PROBLEM LISTS? -9= Blank -8= Unknown -7= Not applicable 1= Yes 2= No 4= Turned off
360	2	814-815	[ECPOE] DOES YOUR PRACTICE HAVE A COMPUTERIZED SYSTEM FOR ORDERS FOR PRESCRIPTIONS? -9= Blank -8= Unknown 1= Yes 2= No 4= Turned off

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
361	2	816-817	[EWARN] IF PRACTICE HAS A COMPUTERIZED SYSTEM FOR ORDERS FOR PRESCRIPTIONS, ARE THERE WARNINGS OF DRUG INTERACTIONS OR CONTRAINDICATIONS PROVIDED? -9= Blank -8= Unknown -7= Not applicable 1= Yes 2= No 4= Turned off
362	2	818-819	[ESCRIP] IF PRACTICE HAS A COMPUTERIZED SYSTEM FOR ORDERS FOR PRESCRIPTIONS, ARE PRESCRIPTIONS SENT ELECTRONICALLY TO THE PHARMACY? -9= Blank -8= Unknown -7= Not applicable 1= Yes 2= No 4= Turned off
363	2	820-821	[ECTOE] DOES YOUR PRACTICE HAVE A COMPUTERIZED SYSTEM FOR ORDERS FOR TESTS? -9= Blank -8= Unknown 1= Yes 2= No 4= Turned off
364	2	822-823	[EORDER] IF YOUR PRACTICE HAS A COMPUTERIZED SYSTEM FOR ORDERS FOR TESTS, ARE ORDERS SENT ELECTRONICALLY? -9= Blank -8= Unknown -7= Not applicable 1= Yes 2= No 4= Turned off
365	2	824-825	[ERESULT] DOES YOUR PRACTICE HAVE A COMPUTERIZED SYSTEM FOR VIEWING LAB RESULTS? -9= Blank -8= Unknown 1= Yes 2= No 4= Turned off

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
366	2	826-827	[ERANGE] IF YOUR PRACTICE HAS A COMPUTERIZED SYSTEM FOR VIEWING LAB RESULTS, ARE OUT OF RANGE LEVELS HIGHLIGHTED? -9= Blank -8= Unknown -7= Not applicable 1= Yes 2= No 4= Turned off
367	2	828-829	[EIMGRES] DOES YOUR PRACTICE HAVE A COMPUTERIZED SYSTEM FOR VIEWING IMAGING RESULTS? -9= Blank -8= Unknown 1= Yes 2= No 4= Turned off
368	2	830-831	[EIMAGE] IF YOUR PRACTICE HAS A COMPUTERIZED SYSTEM FOR VIEWING IMAGING RESULTS, ARE ELECTRONIC IMAGES RETURNED? -9= Blank -8= Unknown -7= Not applicable 1= Yes 2= No 4= Turned off
369	2	832-833	[EPNOTES] DOES YOUR PRACTICE HAVE A COMPUTERIZED SYSTEM FOR CLINICAL NOTES? -9= Blank -8= Unknown 1= Yes 2= No 4= Turned off
370	2	834-835	[EHXFU] IF PRACTICE HAS A COMPUTERIZED SYSTEM FOR CLINICAL NOTES, DO THEY INCLUDE MEDICAL HISTORY AND FOLLOW-UP NOTES? -9= Blank -8= Unknown -7= Not applicable 1= Yes 2= No 4= Turned off

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
371	2	836-837	[EREMIND] DOES YOUR PRACTICE HAVE A COMPUTERIZED SYSTEM FOR REMINDERS FOR GUIDELINE-BASED INTERVENTIONS AND/OR SCREENING TESTS? -9= Blank -8= Unknown 1= Yes 2= No 4= Turned off
372	2	838-839	[EPUBHLTH] DOES YOUR PRACTICE HAVE A COMPUTERIZED SYSTEM FOR PUBLIC HEALTH REPORTING? -9= Blank -8= Unknown 1= Yes 2= No 4= Turned off
373	2	840-841	[ENOTDIS] IF PRACTICE HAS A COMPUTERIZED SYSTEM FOR PUBLIC HEALTH REPORTING, ARE NOTIFIABLE DISEASES SENT ELECTRONICALLY? -9= Blank -8= Unknown -7= Not applicable 1= Yes 2= No 4= Turned off
374	2	842-843	[EMRNEW] ARE THERE PLANS FOR INSTALLING A NEW ELECTONIC MEDICAL RECORD SYSTEM OR REPLACING THE CURRENT SYSTEM WITHIN THE NEXT THREE YEARS? -9= Blank -8= Unknown 1 = Yes 2 = No 3 = Maybe
375	2	844-845	[PRMCARER] Roughly, what percent of your patient care revenue comes from Medicare? -9 = Blank 1 = Less than or equal to 25 percent 2 = 26-50 percent 3 = 51-75 percent 4 = More than 75 percent

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
376	2	846-847	[PRMAIDR] Roughly, what percent of your patient care revenue comes from Medicaid? -9 = Blank 1 = Less than or equal to 25 percent 2 = 26-50 percent 3 = 51-75 percent 4 = More than 75 percent
377	2	848-849	[PRPRVTR] Roughly, what percent of your patient care revenue comes from private insurance? -9 = Blank 1 = Less than or equal to 25 percent 2 = 26-50 percent 3 = 51-75 percent 4 = More than 75 percent
378	2	850-851	[PRPATR] Roughly, what percent of your patient care revenue comes from patient payments? -9 = Blank 1 = Less than or equal to 25 percent 2 = 26-50 percent 3 = 51-75 percent 4 = More than 75 percent
379	2	852-853	[PROTHR] Roughly, what percent of your patient care revenue comes from other sources? (including charity, research, Champus, VA, etc.) -9 = Blank 1 = Less than or equal to 25 percent 2 = 26-50 percent 3 = 51-75 percent 4 = More than 75 percent
380	2	854-855	[MANCAREC] Roughly, how many managed care contracts does this practice have, such as HMOs, PPOs, IPAs, and point-of-service plans? -9 = Blank 1 = None 2 = Less than 3 3 = 3-10 4 = More than 10

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
381	2	856-857	[PRMANR] Roughly, what percentage of the patient care revenue received by this practice comes from (these) managed care contracts? -9 = Blank 1 = Less than or equal to 25 percent 2 = 26-50 percent 3 = 51-75 percent 4 = More than 75 percent The following 4 items are all possible responses to this question asked of physicians:
			Which of the following factors are taken into account for your patient care compensation (e.g., base pay, bonuses, or withholds)?
382	2	858-859	[PCCPROD] Your productivity (e.g., number of case seen per time period)? -9 = Blank -8 = Don't know 1 = Yes 2 = No
383	2	860-861	[PCCSAT] Patient satisfaction (e.g., results of patient surveys)? -9 = Blank -8 = Don't know 1 = Yes 2 = No
384	2	862-863	[PCCQOC] Quality of care (e.g. rates of preventive care services)? -9 = Blank -8 = Don't know 1 = Yes 2 = No
385	2	864-865	[PCCPPROF] Practice profiling (patterns of using certain services, e.g., laboratory tests, imaging, referrals, etc.)? -9 = Blank -8 = Don't know 1 = Yes 2 = No
386	2	866-867	[MEASPUB] Are performance measures on your practice available to the public? -9 = Blank -8 = Don't know -7 = Not applicable 1 = Yes 2 = No

PAGE 70_____

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
387	2	868-869	[PRP4PR] What percent of your practice care revenue is based on bonuses, returned withholds or other performance- based payments? -9 = Blank 1 = Less than or equal to 25 percent 2 = 26-50 percent 3 = 51-75 percent 4 = More than 75 percent
388	2	870-871	[REVFFSR] Roughly, what percent of your patient care revenue comes from usual, customary, and reasonable fee-for- service? -9 = Blank 1 = Less than or equal to 25 percent 2 = 26-50 percent 3 = 51-75 percent 4 = More than 75 percent
389	2	872-873	[REVDISCR] Roughly, what percent of your patient care revenue comes from discounted fee-for-service? -9 = Blank 1 = Less than or equal to 25 percent 2 = 26-50 percent 3 = 51-75 percent 4 = More than 75 percent
390	2	874-875	[REVCAPR] Roughly, what percent of your patient care revenue comes from capitation? -9 = Blank 1 = Less than or equal to 25 percent 2 = 26-50 percent 3 = 51-75 percent 4 = More than 75 percent
391	2	876-877	[REVCASER] Roughly, what percent of your patient care revenue comes from case rates? -9 = Blank 1 = Less than or equal to 25 percent 2 = 26-50 percent 3 = 51-75 percent 4 = More than 75 percent
392	2	878-879	[REVOTHR] Roughly, what percent of your patient care revenue comes from other sources? -9 = Blank 1 = Less than or equal to 25 percent 2 = 26-50 percent 3 = 51-75 percent 4 = More than 75 percent

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
393	2	880-881	[ACETPNEW] Are you currently accepting "new" patients into your practice? -9 = Blank -8 = Don't know 1 = Yes 2 = No
394	2	882-883	[CAPITATE] From those "new" patients, which of the following types of payment do you accept? - Capitated private insurance -9 = Blank -8 = Don't know -7 = Not applicable 1 = Yes 2 = No
395	2	884-885	[NOCAP] From those "new" patients, which of the following types of payment do you accept? – Non-capitated private insurance -9 = Blank -8 = Don't know -7 = Not applicable 1 = Yes 2 = No
396	2	886-887	[NMEDCARE] From those "new" patients, which of the following types of payment do you accept? – Medicare -9 = Blank -8 = Don't know -7 = Not applicable 1 = Yes 2 = No
397	2	888-889	[NMEDCAID] From those "new" patients, which of the following types of payment do you accept? – Medicaid -9 = Blank -8 = Don't know -7 = Not applicable 1 = Yes 2 = No
398	2	890-891	NWORKCMP] From those "new" patients, which of the following types of payment do you accept? – Workers compensation -9 = Blank -8 = Don't know -7 = Not applicable 1 = Yes 2 = No

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES	
399	2	892-893	[NSELFPAY] From those "new" patients, which of the following types of payment do you accept? – Self-pay -9 = Blank -8 = Don't know -7 = Not applicable 1 = Yes 2 = No	
400	2	894-895	[NNOCHRGE] From those "new" patients, which of the following types of payment do you accept? – No charge -9 = Blank -8 = Don't know -7 = Not applicable 1 = Yes 2 = No	
401	2	896-897	[CCS] Do you offer any type or cervical cancer screening?	
NOTE:	As of July 2010	, the CCS item be	came available and has been added to the file.	
			-9 = Blank -8 = Don't know 1= Yes 2 = No	
****** THE FOLLOWING ITEMS ARE RECODED FROM PREVIOUS ITEMS *******				
402	1	898	[ETHIM] ETHNICITY (Imputed) 1 = Hispanic 2 = Not Hispanic	
403	1	899	[RACEIM] RACE (Imputed) 1 = White Only 2 = Black Only 3 = Asian Only 4 = Native Hawaiian/Pacific Islander Only 5 = American Indian/Alaska Native Only 6 = More than one race reported	
404	1	900	[RACER] RACE RECODE (Imputed) 1 = White 2 = Black 3 = Other	

2007 NAMCS MICRO-DATA FILE DOCUMENTATION

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND	CODES
405	1	901	[RACEETH] RACE/ETHNICITY (Impu 1 = White Only, Non-Hispanic 2 = Black Only, Non-Hispanic 3 = Hispanic 4 = Asian Only 5 = Native Hawaiian, Other Pacific Isl 6 = American Indian/Alaska Native On 7 = Multiple Races	ander Only
PHYSI	CIAN SPECIALT	Y GROUPS SHO	D TO ENABLE USERS TO CREATE TA WN ON PAGES 79-80 OF SECTION II HOSE SHOWN IN NAMCS PUBLISHE	. THIS WILL PRODUCE
406	2	902-903	[SPECR] PHYSICIAN SPECIALTY R	ECODE
			 01 = General and family practice 03 = Internal medicine 04 = Pediatrics 05 = General surgery 06 = Obstetrics and gynecology 07 = Orthopedic surgery 08 = Cardiovascular diseases 	09 = Dermatology 10 = Urology 11 = Psychiatry 12 = Neurology 13 = Ophthalmology 14 = Otolaryngology 15 = All other

(Note: For SPECR, doctors of osteopathy (stratum 02) as well as Community Health Center physicians (stratum 17 in Table 1) have been aggregated with doctors of medicine according to their self-designated practice specialty, and therefore are not differentiated in the variable range. To isolate doctors of osteopathy from medical doctors using the Physician Specialty Recode, it is necessary to crosstabulate it with Type of Doctor located in position 314.) Community Health Center physicians can be identified by crosstabulating with RETYPOFF (Type of Office Setting for this Visit) in position 785.

407	1	904	[SPECCAT] PHYSICIAN SPECIALTY GROUP (Recoded from SPEC using categories shown on page 81.) 1 = Primary care specialty 2 = Surgical care specialty
			3 = Medical care specialty

*** THE FOLLOWING ITEM WAS ADDED TO ENABLE USERS TO CREATE SUBSETS OF VISITS BY PATIENTS UNDER ONE YEAR OF AGE ***

408	3	905-907	[AGEDAYS] AGE IN DAYS
-----	---	---------	-----------------------

001-365 = 001-365 days 999 = More than 365 days 16 = Oncology

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

*** THE FOLLOWING ITEM WAS ADDED TO FACILITATE ANALYSIS OF AGE DATA, USING THE CATEGORIES FOUND IN NAMCS REPORTS.

409	1	908	[AGER] AGE RECODE 1 = Under 15 years 2 = 15-24 years 3 = 25-44 years 4 = 45-64 years
			4 = 45-64 years 5 = 65-74 years
			6 = 75 years and over

NUMERIC RECODES FOR DIAGNOSIS AND PROCEDURES

The following items were included on the public use file to facilitate analysis of visits using ICD-9-CM codes. Prior to the 1995 public use file, all ICD-9-CM diagnosis codes on the NAMCS micro-data file were converted from alphanumeric to numeric fields according to the following coding conventions: A prefix of '1' was added to ICD-9-CM codes in the range of 001.0[-] through 999.9[-]. A prefix of '20' was substituted for the letter 'V' for codes in the range of V01.0[-] through V82.9[-]. Inapplicable fourth or fifth digits were zerofilled. This conversion was done to facilitate analysis of ICD-9-CM data using Ambulatory Care Statistics software systems. Similar conversions were made for ICD-9-CM procedure codes and external cause of injury codes. Specific coding conventions are discussed in the public use documentation for each data year.

In 1995, however, the decision was made to use actual ICD-9-CM codes on the public use data file. Codes were not prefixed, and a dash was inserted for inapplicable fourth or fifth digits. For specific details pertaining to each type of code (diagnosis, procedure, cause of injury), refer to the documentation for the survey year of interest. This had the advantage of preserving actual codes and avoiding possible confusion over the creation of some artificial codes due to zerofilling.

It had come to our attention that some users of NAMCS data find it preferable to use the numeric field recodes rather than the alphanumeric fields in certain data applications. Therefore, since data year 1997, we have included numeric recodes for any ICD-9-CM codes on our datasets. These are in addition to the actual codes for these variables which appear earlier on the public use file. Users can make their own choice about which format best suits their needs.

410	6	909-914	[DIAG1R] DIAGNOSIS # 1 (Recode to Numeric Field) -9 = Blank
			100100-208290 = 001.0[0]-V82.9[0]
			209900 = Noncodable, insufficient information for coding, illegible
			209910 = Left before being seen; patient walked out; not seen by doctor; left against medical advice
			209920 = Transferred to another facility; sent to see specialist
			209930 = HMO will not authorize treatment
			209970 = Entry of "none," "no diagnosis," "no disease," or "healthy"

2007 NAMCS MICRO-DATA FILE DOCUMENTATION

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
411	6	915-920	 [DIAG2R] DIAGNOSIS # 2 (Recode to Numeric Field) -9 = Blank 00100-208290 = 001.0[0]-V82.9[0] 09900 = Noncodable, insufficient information for coding, illegible 09910 = Left before being seen; patient walked out; not seen by doctor; left against medical advice 09920 = Transferred to another facility; sent to see specialist 09930 = HMO will not authorize treatment 09970 = Entry of "none," "no diagnosis," "no disease," or "healthy"
412	6	921-926	 [DIAG3R] DIAGNOSIS # 3 (Recode to Numeric Field) -9 = Blank 100100-208290 = 001.0[0]-V82.9[0] 209900 = Noncodable, insufficient information for coding, 209910 = Left before being seen; patient walked out; not seen by doctor; left against medical advice 209920 = Transferred to another facility; sent to see specialist 209930 = HMO will not authorize treatment 209970 = Entry of "none," "no diagnosis," "no disease," or "healthy"
413	4	927-930	[SCOPWI1R] SCOPE PROCEDURE WRITE-IN #1 (Recode to Numeric Field) -9 = Blank 0101-999 = 01.01 - 99.99
414	4	931-934	[SCOPWI2R] SCOPE PROCEDURE WRITE-IN #2 (Recode to Numeric Field) -9 = Blank 0101-999 = 01.01 - 99.99
415	4	935-938	[BIOPSYWIR] SITE OF BIOPSY WRITE-IN (Recode to Numeric Field) -9 = Blank 0101-999 = 01.01 - 99.99
416	4	939-942	[DIAGSC1R] OTHER DIAGNOSTIC/SCREENING SERVICE WRITE-IN #1 (Recode to Numeric Field) -9 = Blank 0101-999 = 01.01 - 99.99

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
417	4	943-946	[DIAGSC2R] OTHER DIAGNOSTIC/SCREENING SERVICE WRITE-IN #2 (Recode to Numeric Field) -9 = Blank 0101-999 = 01.01 - 99.99
418	4	947-950	[OTHPROC1R] PROCEDURE WRITE-IN #1 (Recode to Numeric Field) -9 = Blank 0101-999 = 01.01 - 99.99
419	4	951-954	[OTHPROC2R] PROCEDURE WRITE-IN #2 (Recode to Numeric Field) -9 = Blank 0101-999 = 01.01 - 99.99
420	4	955-958	[OTHPROC3R] PROCEDURE WRITE-IN #3 (Recode to Numeric Field) -9 = Blank 0101-999 = 01.01 - 99.99
421	4	959-962	[OTHPROC4R] PROCEDURE WRITE-IN #4 (Recode to Numeric Field) -9 = Blank 0101-999 = 01.01 - 99.99
	*****	END OF NUM	MERIC RECODES *******
422	2	963-964	[WHOCOMP] WHO COMPLETED THE PATIENT RECORD FORMS? -9 = Blank 1 = Physician 2 = Office Staff 3 = Census Field Representative (abstraction from record) 4 = Other 5 = Multiple categories checked
423	1	965	[SETTYPE] SETTING TYPE This item is intended for use when combining data from the NAMCS and NHAMCS. 1 = Physician office (NAMCS) 2 = Hospital outpatient department (NHAMCS) 3 = Hospital emergency departments (NHAMCS)
424	4	966-969	[YEAR] SURVEY YEAR 2007

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

NAMCS DESIGN VARIABLES

NAMCS sampling design variables (in masked format) were first added to the 2000 public use file, and data years from 1993-1999 were re-released to include them. These variables were for use with statistical software such as SUDAAN that takes into account the complex sampling design of the survey. However, for those running versions of SAS, Stata, SPSS and other software that assumes a single stage of sampling, the multi-stage design variables provided on the public use files could not be used without modification. Therefore, in 2002, two new variables, CSTRATM and CPSUM, were developed, that could be used in such programs instead of the multi-stage variables. In 2003, the decision was made to include on the public use file just these two variables and not the multi-stage design variables that appeared in the past.

Until such time as the older public use files may be re-released to include these variables, data users wishing to combine data from 2003 and later years with data from earlier years will find it necessary to create CSTRATM and CPSUM for the earlier files. A technical paper, *Using Ultimate Cluster Models with NAMCS and NHAMCS Public Use Files,* is available for downloading at the Ambulatory Health Care Data website: http://www.cdc.gov/nchs/about/major/ahcd/ahcd1.htm. This paper gives instructions on how to configure data files prior to 2002 for variance estimation based on 1-stage sampling models, such as those used in SAS proc surveymeans, Stata, SPSS, and the SUDAAN with-replacement option, and how to handle instances of single-case strata in the data on the older files. Please also see the section on Relative Standard Errors in the current document for more information on these variables and how to use them. PSU is primary sampling unit.

425	8	970-977	[CSTRATM] CLUSTERED PSU STRATUM MARKER (masked) 20105101-40400000
426	6	978-983	[CPSUM] CLUSTERED PSU MARKER (masked) 5-102987
427	6	984-989	[PHYSWT] PHYSICIAN WEIGHT Physician weight enables data users to make physician-level estimates. See also "Description of the NAMCS," Marginal Data, and Appendix I.
428	2	990-991	[PCTPOVR] PERCENT POVERTY IN PATIENT'S ZIP CODE -9 = Missing data 1 = Quartile 1 (Less than 5.00 percent) 2 = Quartile 2 (5.00-9.99 percent) 3 = Quartile 3 (10.00-19.99 percent) 4 = Quartile 4 (20.00 percent or more)
429	2	992-993	[HINCOMER] MEDIAN HOUSEHOLD INCOME IN PATIENT'S ZIP CODE -9 = Missing data 1 = Quartile 1 (Below \$32,793) 2 = Quartile 2 (\$32,794-\$40,626) 3 = Quartile 3 (\$40,627-\$52,387) 4 = Quartile 4 (\$52,388 or more)

ITEM NO.	FIELD LENGTH	FILE LOCATION	[ITEM NAME], DESCRIPTION, AND CODES
430	2	994-995	[PBAMORER] PERCENT OF ADULTS WITH BACHELOR'S DEGREE OR HIGHER IN PATIENT'S ZIP CODE -9 = Missing data 1 = Quartile 1 (Less than 12.84 percent) 2 = Quartile 2 (12.84-19.66 percent) 3 = Quartile 3 (19.67-31.68 percent) 4 = Quartile 4 (31.69 percent or more)
431	2	996-997	[URBANRUR] URBAN-RURAL CLASSIFICATION OF PATIENT'S ZIP CODE -9 = Missing data 1 = Large central metro 2 = Large fringe metro 3 = Medium metro 4 = Small metro 5 = Non-metro (micropolitan and non-core)

B. PHYSICIAN SPECIALTY LIST

The 2007 NAMCS survey design grouped physicians into 16 strata, or specialty groups, for sampling purposes. These included the standard 15 groups used in previous years in addition to a separate stratum for oncologists. One stratum, doctors of osteopathy, was based on information from the American Osteopathic Association. The other groups were developed based on information from the American Medical Association (AMA). Below is a list of the AMA physician specialties comprising each of these sample strata. Some small specialties were masked on the public use file for confidentiality purposes.

GENERAL AND FAMILY PRACTICE

FP - Family Practice FPG - Family Practice, Geriatric Medicine FSM - Sports Medicine (Family Practice) GP - General Practice

INTERNAL MEDICINE

IM - Internal Medicine

PEDIATRICS

- ADL Adolescent Medicine
- **CCP** Critical Care Pediatrics
- DBP Developmental Behavioral Pediatrics
- MPD Internal Medicine/Pediatrics
- NDP Neurodevelopmental Disabilities (Pediatrics)
- NPM Neonatal-Perinatal Medicine
- PD Pediatrics
- PDA Pediatric Allergy
- PDC Pediatric Cardiology
- PDE Pediatric Endocrinology
- PDI Pediatric Infectious Diseases
- PDP Pediatric Pulmonology
- PDT Medical Toxicology
- PEM Pediatric Emergency Medicine PG - Pediatric Gastroenterology
- PG Peulatric Gastroenteron
- PN Pediatric Nephrology
- PPR Pediatric Rheumatology PSM - Sports Medicine (Pediatrics)

GENERAL SURGERY

GS - General Surgery

OBSTETRICS AND GYNECOLOGY

GYN - Gynecology MFM - Maternal & Fetal Medicine OBG - Obstetrics & Gynecology OBS - Obstetrics OCC -Critical Care Medicine (Obstetrics & Gynecology) REN - Reproductive Endocrinology

ORTHOPEDIC SURGERY

OAR - Adult Reconstructive Orthopedics OFA - Foot and Ankle Orthopedics OP - Pediatric Orthopedics ORS - Orthopedic Surgery OSM - Sports Medicine (Orthopedic Surgery) OSS - Orthopedic Surgery of the Spine

OTR - Orthopedic Trauma

CARDIOVASCULAR DISEASES

CD - Cardiovascular Diseases

DERMATOLOGY

D - Dermatology

UROLOGY

U - Urology UP - Pediatric Urology

PSYCHIATRY

ADP - Addiction Psychiatry CHP - Child Psychiatry NUP - Neuropsychiatry P - Psychiatry PFP - Forensic Psychiatry PYA - Psychoanalysis PYG - Geriatric Psychiatry PYM – Psychosomatic Medicine

NEUROLOGY

CHN - Child Neurology CN -Clinical Neurophysiology ESN – Endovascular Surgical Neuroradiology N - Neurology NRN - Neurology (Diagnostic Radiology) VN – Vascular Neurology

OPHTHALMOLOGY

OPH - Ophthalmology PO - Pediatric Ophthalmology

OTOLARYNGOLOGY

NO - Otology - Neurotology OTO - Otolaryngology PDO - Pediatric Otolaryngology

ONCOLOGY (new stratum since 2006)

GO - Gynecological Oncology HO - Hematology/Oncology OMO - Musculoskeletal Oncology ON - Medical Oncology PHO - Pediatric Hematology/Oncology SO - Surgical Oncology

ALL OTHER

A - Allergy ADM - Addiction Medicine AI - Allergy and Immunology ALI - Allergy & Immunology/ Diagnostic Lab. Immunology AM - Aerospace Medicine AMI - Adolescent Medicine (Internal Medicine) AS - Abdominal Surgery **CBG - Clinical Biochemical Genetics** CCG - Clinical Cytogenetics CCM - Critical Care Medicine CCS - Critical Care Surgery CFS - Craniofacial Surgery CG - Clinical Genetics CMG - Clinical Molecular Genetics CRS - Colon and Rectal Surgery CS - Cosmetic Surgery DDL - Dermatological Immunology/ Diagnostic Lab. Immunology **DIA - Diabetes** DS - Dermatologic Surgery **EM - Emergency Medicine END** - Endocrinology **EP** - Epidemiology ESM - Sports Medicine (Emergency Medicine) ETX - Medical Toxicology (Emergency Medicine) **FPS - Facial Plastic Surgery** GE - Gastroenterology **GPM - General Preventive Medicine** HEM - Hematology HEP - Hepatology HNS - Head and Neck Surgery HS - Hand Surgery HSP - Hand Surgery (Plastic Surgery) HSS - Hand Surgery (Surgery) IC - Interventional Cardiology ICE - Cardiac Electrophysiology **ID** - Infectious Diseases IG - Immunology

ALL OTHER (cont.)

ILI - Internal Medicine/Diagnostic Lab. Immunology IMG - Geriatric Medicine (Internal Medicine) ISM - Sports Medicine (Internal Medicine) LM - Legal Medicine MDM - Medical Management MG - Medical Genetics NC - Nuclear Cardiology NEP – Nephrology NMN - Neuromuscular medicine NS - Neurological Surgery NSP - Pediatric Surgery (Neurology) NTR - Nutrition **OM - Occupational Medicine** OMF – Oral & Maxillofacial Surgery OMM - Osteopathic Manipulative Medicine PA - Clinical Pharmacology PCC - Pulmonary Critical Care Medicine PCS - Pediatric Cardiothoracic Surgery PDS - Pediatric Surgery PE - Pediatric Emergency Medicine (Emergency Medicine) PHL - Phlebology PHM - Pharmaceutical Medicine PHP - Public Health/General Preventive Medicine PLI - Pediatric/Diagnostic Lab. Immunology PLM - Palliative Medicine PM - Physical Medicine and Rehabilitation PMD - Pain Medicine PMM - Sports Medicine (Physical Medicine and Rehabilitation) PPN - Pain Medicine PRD – Procedural Dermatology PRM - Pediatric Rehabilitation Medicine PRO - Proctology PS - Plastic Surgery PSH – Plastic Surgery within the Head & Neck PTX - Medical Toxicology (Preventive Medicine) PUD - Pulmonary Diseases RHU - Rheumatology SCI - Spinal Cord Injury SME - Sleep Medicine SMI – Sleep Medicine (Internal Medicine) TRS - Traumatic Surgery TS - Thoracic Surgery TTS - Transplant Surgery UCM – Urgent Care Medicine UM - Undersea Medicine UME - Underseas Medicine (Emergency Medicine) VM - Vascular Medicine VS - Vascular Surgery

OS - Other Specialty, US - Unspecified

C. AMA SPECIALTIES REGROUPED INTO PRIMARY CARE, SURGICAL, AND MEDICAL SPECIALTIES

Below is a list of the AMA physician specialties comprising the NAMCS sample strata, regrouped into primary care, surgical, and medical specialties for analytic purposes (see SPECCAT variable on file layout).

PRIMARY CARE SPECIALTIES

- ADL Adolescent Medicine
- AMI Adolescent Medicine (Internal Medicine)
- FP Family Practice
- FPG Family Practice, Geriatric Medicine
- FSM Sports Medicine (Family Practice)
- GP General Practice
- GYN Gynecology
- IM Internal Medicine
- IMG Geriatric Medicine (Internal Medicine)
- MFM Maternal & Fetal Medicine
- MPD Internal Medicine/Pediatrics
- OBG Obstetrics & Gynecology
- OBS Obstetrics
- PD Pediatrics
- PSM Sports Medicine (Pediatrics)

SURGICAL SPECIALTIES

- AS Abdominal Surgery
- OAR Adult Reconstructive Orthopedics
- CRS Colon and Rectal Surgery
- CS Cosmetic Surgery
- CFS Craniofacial Surgery
- OCC Critical Care Medicine (Obstetrics & Gynecology)
- CCS Critical Care Surgery
- DS Dermatologic Surgery
- ESN Endovascular Surgical Neuroradiology
- FPS Facial Plastic Surgery
- OFA Foot and Ankle Orthopedics
- GS General Surgery
- GO Gynecological Oncology
- HS Hand Surgery
- HSP Hand Surgery (Plastic Surgery)
- HSS Hand Surgery (Surgery)
- HNS Head and Neck Surgery
- OMO Musculoskeletal Oncology
- NS Neurological Surgery
- OPH Ophthalmology
- OMF Oral & Maxillofacial Surgery
- OTO Otolaryngology
- NO Otology Neurotology
- ORS Orthopedic Surgery
- OSS Orthopedic Surgery of the Spine
- OTR Orthopedic Trauma

SURGICAL SPECIALTIES (cont.)

- PCS Pediatric Cardiothoracic Surgery
- OP Pediatric Orthopedics
- PO Pediatric Ophthalmology
- PDO Pediatric Otolaryngology
- NSP Pediatric Surgery (Neurology)
- PDS Pediatric Surgery
- UP Pediatric Urology
- PRD Procedural Dermatology
- PS Plastic Surgery
- PSH Plastic Surgery within the Head & Neck
- OSM Sports Medicine (Orthopedic Surgery)
- SO Surgical Oncology
- TS Thoracic Surgery
- TTS Transplant Surgery
- TRS Traumatic Surgery
- U Urology
- VS Vascular Surgery

MEDICAL SPECIALTIES

- A Allergy
- ADM Addiction Medicine
- ADP Addiction Psychiatry
- AI Allergy and Immunology
- ALI Allergy & Immunology/ Diagnostic Lab. Immunology
- AM Aerospace Medicine
- **CBG Clinical Biochemical Genetics**
- CCG Clinical Cytogenetics
- CCM Critical Care Medicine
- CCP Critical Care Pediatrics
- CD Cardiovascular Diseases
- CG Clinical Genetics
- CMG Clinical Molecular Genetics
- CHN Child Neurology
- CHP Child Psychiatry
- CN -Clinical Neurophysiology
- D Dermatology
- DBP Developmental Behavioral Pediatrics
- DDL Dermatological Immunology/
 - Diagnostic Lab. Immunology
- DIA Diabetes
- EM Emergency Medicine
- END Endocrinology
- EP Epidemiology

MEDICAL SPECIALTIES (cont.)

ESM - Sports Medicine (Emergency Medicine) ETX - Medical Toxicology (Emergency Medicine) GE - Gastroenterology **GPM - General Preventive Medicine** HEM - Hematology HEP - Hepatology HO - Hematology/Oncology IC - Interventional Cardiology ICE - Cardiac Electrophysiology **ID** - Infectious Diseases IG - Immunology ILI - Internal Medicine/Diagnostic Lab. ISM - Sports Medicine (Internal Medicine) LM - Legal Medicine MDM - Medical Management MG - Medical Genetics NDN - Neurodevelopmental Disabilities N - Neurology NC - Nuclear Cardiology NEP - Nephrology NPM - Neonatal-Perinatal Medicine NRN - Neurology (Diagnostic Radiology) NMN - Neuromuscular medicine NTR - Nutrition NUP – Neuropsychiatry PHM - Pharmaceutical Medicine PHP - Public Health/General Preventive Medicine PHO - Pediatric Hematology/Oncology PHL - Phlebology **OM - Occupational Medicine OMM - Osteopathic Manipulative Medicine ON** - Medical Oncology P - Psychiatry PA - Clinical Pharmacology PCC - Pulmonary Critical Care Medicine PDA - Pediatric Allergy PDC - Pediatric Cardiology PDE - Pediatric Endocrinology PDI - Pediatric Infectious Diseases PDP - Pediatric Pulmonology PDT - Medical Toxicology PE - Pediatric Emergency Medicine (Emergency Medicine) PEM - Pediatric Emergency Medicine PFP - Forensic Psychiatry PG - Pediatric Gastroenterology

2007 NAMCS MICRO-DATA FILE DOCUMENTATION

PLI - Pediatric/Diagnostic Lab. Immunology
PLM - Palliative Medicine
PM - Physical Medicine and
Rehabilitation
PMD - Pain Medicine
PMM - Sports Medicine (Physical Medicine and
Rehabilitation)
PN - Pediatric Nephrology
PPN – Pain Medicine
PPR - Pediatric Rheumatology
PRM - Pediatric Rehabilitation Medicine
PRO - Proctology
PTX - Medical Toxicology (Preventive Medicine)
PUD - Pulmonary Diseases
PYA - Psychoanalysis
PYG - Geriatric Psychiatry
PYM – Psychosomatic Medicine
REN - Reproductive Endocrinology
Immunology
RHU - Rheumatology
SCI - Spinal Cord Injury
SME - Sleep Medicine
SMI – Sleep Medicine (Internal Medicine)
UCM – Urgent Care Medicine
UM - Undersea Medicine
UME – Underseas Medicine (Emergency
Medicine)
VM - Vascular Medicine
VN – Vascular Neurology
OS - Other Specialty

US - Unspecified

III. MARGINAL DATA

A. PATIENT VISITS

PATIENT AGE

CATEGORY	RECORDS	WEIGHTED VISITS	PERCENT
Total	32,778	994,321,250	100.000
1 - Under 15 years	4,771	167,480,965	16.844
2 - 15-24 years	2,549	81,574,632	8.204
3 - 25-44 years	6,624	203,160,893	20.432
4 - 45-64 years	9,866	283,890,408	28.551
5 - 65-74 years	4,412	127,805,089	12.854
6 - 75 years and over	4,556	130,409,263	13.115

PATIENT SEX

CATEGORY	RECORDS	WEIGHTED VISITS	PERCENT
Total 1 - Female	32,778 18,876	994,321,250 580,542,006	100.000 58.386
2 - Male	13,902	413,779,244	41.614

PATIENT RACE (IMPUTED)

CATEGORY	RECORDS	WEIGHTED VISITS	PERCENT
Total 1 - White Only 2 - Black/African American Only 3 - Asian Only 4 - Native Hawaiian/Oth Pac Isl Only 5 - American Indian/Alaska Native Only	32,778 26,681 4,086 1,260 119	994,321,250 818,224,602 118,337,823 40,613,100 3,624,420 10,874,230	100.000 82.290 11.901 4.085 0.365 1.094
6 - More than one race reported	105	2,647,075	0.266
	105	2,047,075	0.2

		-
RECORDS	WEIGHTED VISITS	PERCENT
32,778	994,321,250	100.000
393	12,650,147	1.272
968	27,258,431	2.741
15,896	527,877,058	53.089
7,655	221,680,067	22.295
4,567	122,383,911	12.308
332	12,182,633	1.225
1,873	45,733,693	4.599
227	3,178,976	0.320
867	21,376,334	2.150
	32,778 393 968 15,896 7,655 4,567 332 1,873 227	32,778994,321,25039312,650,14796827,258,43115,896527,877,0587,655221,680,0674,567122,383,91133212,182,6331,87345,733,6932273,178,976

EXPECTED PRIMARY SOURCE OF PAYMENT [based on PAYTYPE, a recoded variable]

MAJOR REASON FOR VISIT

CATEGORY	RECORDS	WEIGHTED VISITS	PERCENT
Total	32,778	994,321,250	100.000
-9 - Blank	599	21,659,238	2.178
1 - Acute problem	10,110	331,360,564	33.325
2 - Chronic problem, routine	11,377	310,346,116	31.212
3 - Chronic problem, flare-up	2,699	75,241,936	7.567
4 - Pre/Post-surgery	2,200	62,371,156	6.273
5 - Preventive care	5,793	193,342,240	19.445

HAS THE PATIENT BEEN SEEN IN YOUR PRACTICE BEFORE?

CATEGORY	RECORDS	WEIGHTED VISITS	PERCENT
Total	32,778	994,321,250	100.000
1 - Yes, established patient	27,541	851,331,066	85.619
2 - No, new patient	5,237	142,990,184	14.381

NUMBER OF MEDICATION CODES THIS VISIT

CATEGORY	RECORDS	WEIGHTED VISITS	PERCENT	
Total	32,778	994,321,250	100.000	
0	9,387	266,604,165	26.813	
1	7,595	238,176,707	23.954	
2	4,829	156,008,713	15.690	
3	2,997	97,441,605	9.800	
4	1,991	62,009,256	6.236	
5	1,484	45,973,418	4.624	
6	1,153	34,244,487	3.444	
7	971	26,304,642	2.645	
8	2,371	67,558,257	6.794	

PHYSICIAN SPECIALTY

CATEGORY	RECORDS	WEIGHTED VISITS	PERCENT
Total	32,778	994,321,250	100.000
1 - General/family practice	7,107	227,816,602	22.912
3 - Internal medicine	2,584	143,722,155	14.454
4 - Pediatrics	3,419	130,832,154	13.158
5 - General surgery	1,126	19,635,513	1.975
6 - Obstetrics and gynecology	2,064	74,296,230	7.472
7 - Orthopedic surgery	1,432	51,258,455	5.155
8 - Cardiovascular diseases	1,803	32,431,359	3.262
9 - Dermatology	1,496	44,874,264	4.513
10 - Urology	1,766	18,914,417	1.902
11 - Psychiatry	1,477	32,659,531	3.285
12 - Neurology	1,887	17,558,637	1.766
13 - Ophthalmology	1,497	58,993,932	5.933
14 - Otolaryngology	1,376	20,203,538	2.032
15 - Other specialties	2,055	105,543,212	10.615
16 - Oncology	1,689	15,581,251	1.567

B. DRUG MENTIONS

PATIENT AGE

CATEGORY	RECORDS	WEIGHTED MENTIONS	PERCENT
Total	74,311	2,250,488,534	100.000
1 - Under 15 years	6,478	239,621,996	10.648
2 - 15-24 years	3,375	111,284,202	4.945
3 - 25-44 years	11,417	361,635,005	16.069
4 - 45-64 years	24,933	725,892,724	32.255
5 - 65-74 years	13,472	388,186,695	17.249
6 - 75 years and over	14,636	423,867,912	18.834

PATIENT SEX

CATEGORY	RECORDS	WEIGHTED MENTIONS	PERCENT	
Total	74,311	2,250,488,534	100.000	
1 - Female	43,036	1,317,842,624	58.558	
2 - Male	31,275	932,645,910	41.442	

PHYSICIAN SPECIALTY

CATEGORY	RECORDS	WEIGHTED MENTIONS	PERCENT
Total	74,311	2,250,488,534	100.000
1 - General/family practice	17,767	583,172,838	25.913
3 - Internal medicine	8,131	428,296,617	19.031
4 - Pediatrics	5,177	190,877,141	8.482
5 - General surgery	1,744	30,274,110	1.345
6 - Obstetrics and gynecology	2,330	88,826,735	3.947
7 - Orthopedic surgery	1,750	64,995,128	2.888
8 - Cardiovascular diseases	8,600	141,263,316	6.277
9 - Dermatology	2,077	58,804,058	2.613
10 - Urology	2,996	31,676,973	1.408
11 - Psychiatry	3,239	78,871,497	3.505
12 - Neurology	4,889	47,013,275	2.089
13 - Ophthalmology	2,770	117,772,619	5.233
14 - Otolaryngology	2,193	29,345,658	1.304
15 - Other specialties	5,635	313,023,999	13.909
16 - Oncology	5,013	46,274,570	2.056

DRUG THERAPEUTIC CATEGORIES (USING LEVEL 1 CODES)

CATEGORY	RECORDS	WEIGHTED MENTIONS	PERCENT
Total	79,820	2,410,952,188	100.000
'OO1'=Anti-infectives	4,463	153,910,458	6.384
'020'=Antineoplastics	1,329	24,973,667	1.036
'O28'=Biologicals	213	3,719,724	0.154
'040'=Cardiovascular agents	12,644	364,476,752	15.118
'057'=Central nervous system agents	15,487	449,113,004	18.628
'081'=Coagulation modifiers	3,554	91,788,094	3.807
'087'=Gastrointestinal agents	3,824	115,348,415	4.784
'097'=Hormones	4,729	144,733,819	6.003
'105'=Miscellaneous agents	3,312	103,098,485	4.276
<pre>'115'=Nutritional products</pre>	4,149	119,277,964	4.947
'122'=Respiratory agents	5,743	209,366,602	8.684
'133'=Topical agents	4,689	159,827,796	6.629
'153'=Plasma expanders	1	8,979	0.000
'218'=Alternative medicines	666	18,248,253	0.757
'242'=Psychotherapeutic agents	4,801	129,254,561	5.361
'254'=Immunological agents	2,852	101,819,344	4.223
'331'=Radiologic agents	27	555,587	0.023
'358'=Metabolic agents	7,107	213,892,974	8.872
'365'=Medical gases	28	726,896	0.030
'899'=Pharmaceutical aids	202	6,810,814	0.282

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: <u>http://www.multum.com/Lexicon.htm</u>. For more information on coding therapeutic categories in NAMCS, see page 22.

C. PHYSICIAN ESTIMATES

PHYSICIAN SPECIALTY

CATEGORY	RECORDS	NEIGHTED PHYSICIANS	PERCENT
Total	1,357	320,196	100.000
1 - General/family practice	272	58,556	18.288
3 - Internal medicine	102	44,168	13.794
4 - Pediatrics	118	31,322	9.782
5 - General surgery	68	12,068	3.769
6 - Obstetrics and gynecology	90	25,752	8.043
7 - Orthopedic surgery	59	15,999	4.997
8 - Cardiovascular diseases	77	13,196	4.121
9 - Dermatology	52	8,223	2.568
10 - Urology	70	6,187	1.932
11 - Psychiatry	81	18,813	5.875
12 - Neurology	86	7,209	2.251
13 - Ophthalmology	56	13,103	4.092
14 - Otolaryngology	55	5,966	1.863
15 - Other specialties	105	53,766	16.792
16 - Oncology	66	5,868	1.833
IS THIS A SOLO PRACTICE?	RECORDS	WEIGHTED PHYSICIANS	B PERCENT
			400.000
Total	1,357	320,196	100.000
Yes	373	97,936	30.586
No	984	222,260	69.414
SPECIALTY TYPE			
CATEGORY	RECORDS	WEIGHTED PHYSICIANS	PERCENT
Total	1,357	320,196	100.000
Primary care specialty		160,363	50.083
Surgical care specialty	349	72,508	22.645
Medical care specialty	427	87,325	27.272

APPENDIX I

A. RELATIVE STANDARD ERRORS

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.

Using computer software like SUDAAN to produce standard errors will, in general, yield results that are more accurate than those produced using the generalized variance curve described below. This is especially true for clustered variables like race, provider seen, or expected source of payment. The standard errors produced with such software using masked design variables, while improving substantially over the generalized variance curve results, will not always be as accurate as those produced using unmasked data. However, data files containing unmasked variables are confidential and are only available through the NCHS Research Data Center.

NAMCS (and NHAMCS) public use files for 1993-2002 included masked multi-stage design variables used to estimate variance with software such as SUDAAN's full sample without replacement design option. In 2002, two new sample design variables (CSTRATM and CPSUM) were added to the file for use with software utilizing a "between PSU" variance estimator or "ultimate cluster" sampling design.

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. Starting with 2003 data, the NAMCS public use files include only these first-stage design variables, CSTRATM and CPSUM. They differ from the STRATM and PSUM variables on 1993-2002 files 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.

Examples using CSTRATM and CPSUM in Stata, SUDAAN's 1-stage WR (with replacement) design option, and SAS's PROC surveymeans applications are presented below:

<u>Stata</u>

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

<u>Stata 8:</u> svyset [pweight=patwt], psu(cpsum) strata(cstratm)

<u>Stata 9 and Stata 10:</u> svyset cpsum [pweight=patwt], strata(cstratm)

SUDAAN 1-stage WR Option

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

PROC CROSSTAB DATA=COMB1 DESIGN=WR FILETYPE=SAS; NEST CSTRATM CPSUM/MISSUNIT;

SAS - PROC SURVEYMEANS

PROC SURVEYMEANS DATA=COMB1; CLUSTER CPSUM; STRATA CSTRATM;

<u>SPSS</u>

This code pertains to SPSS Inc.'s Complex Samples 12.0 module. It would be used with the "Analysis Preparation Wizard" component of that module. The PLAN FILE statement would be invoked in statistical runs, as in the example for CSTABULATE shown below.

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

CSTABULATE /PLAN FILE='DIRECTORY\PLANNAME.CSAPLAN' /TABLES VARIABLES = var1 var2 /CELLS POPSIZE /STATISTICS SE /MISSING SCOPE = TABLE CLASSMISSING = EXCLUDE.

If researchers wish to combine data from 2003 and later years of NAMCS public use files with earlier years, it will be necessary to create the CSTRATM and CPSUM variables and to consider the possibility of single case strata in the data, in order to estimate variances. A technical paper, *Using Ultimate Cluster Models with NAMCS and NHAMCS Public Use Files*, is available for downloading at the Ambulatory Health Care Data website: <u>http://www.cdc.gov/nchs/namcs.htm</u>. This paper gives instructions on how to configure data files prior to 2002 for variance estimation based on 1-stage sampling models and how to handle instances of single-case strata in the data on the older files.

IMPORTANT NOTE REGARDING PHYSICIAN-LEVEL ESTIMATES: These examples can be used when producing visit or drug estimates. For physician-level estimates, the statements are the same, but replace PATWT with PHYSWT. The PHYSWT variable is only placed on the first record for each physician. When running purely physician level analysis, it is recommended that only records with PHYSWT > 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 generating estimates for physician characteristics at the physician level, the addition of PHYSWT also means that one can link visit data with physician data. For example, one could examine average time spent with physicians across physicians rather than simply across visits. This type of analysis is slightly complicated; a description along with sample SAS code is available at the Ambulatory Health Care Data website. For more information, contact the Ambulatory and Hospital Care Statistics Branch at 301-458-4600.

IMPORTANT NOTE REGARDING RACE AND ETHNICITY: In 2007, data on patient race and ethnicity were missing for more than 30 percent of NAMCS records. Therefore, these data should be used with caution. AHCSB staff is working with our data collection agent, the US Census Bureau, to attempt to improve these response rates, and is conducting research into using multiple imputation rather than single imputation with NAMCS data. In the meantime, it is suggested that data users inflate their standard errors for race and ethnicity estimates by a factor of 1/.7 as a conservative approach when conducting statistical analysis.

For data users who do not wish to use SUDAAN or similar programs to produce measures of sampling variability, we may make available upon request tables which contain relative standard errors based on generalized variance curves for a wide range of visit estimates and drug mention estimates by physician specialty. (Estimates with a relative standard error greater than 30 percent are considered unreliable by the standards of the National Center for Health Statistics. It should also be noted here that estimates based on fewer than 30 sample records are considered unreliable, regardless of the magnitude of the relative standard error.) The following formulas may be used to calculate approximate relative standard errors for visit estimates and drug mention estimates.

For aggregate estimates, approximate relative standard errors can be calculated using the following general formula, where "x" is the aggregate of patient visits or drug mentions in thousands, and coefficients "A" and "B" are obtained from Table IV:

$$RSE(x) = 100 \cdot \sqrt{A + \frac{B}{x}}$$

For estimates of percents, approximate relative standard errors can be calculated using the following general formula, where "p" is the percent of visits or mentions, "x" is the denominator of the percent in thousands, and coefficient "B" is obtained from Table IV:

$$RSE(p) = 100 \cdot \sqrt{\frac{B \cdot (1-p)}{p \cdot x}}$$

For estimates of visit rates in which the numerator is the number of visits for a particular characteristic and the denominator is the total U.S. population or one of the age-sex-race groups of the total population, the relative standard error is equivalent to the relative standard error of the numerator, as shown above in the paragraph on aggregate estimates. For additional information, contact the Ambulatory and Hospital Care Statistics Branch at (301) 458-4600.

Type of estimate and physician specialty	Coefficient for use with estimates in thousands		Lowest reliable estimate (in thousands)	
	A	в		
Visits				
Overall totals	0.00279	84.84056	973	
General and family practice	0.00960	54.00866	672	
nternal medicine	0.01441	78.65456	1,041	
Pediatrics	0.00907	81.33690	1,006	
General surgery	0.02463	31.24845	479	
Dbstetrics and gynecology	0.01202	58.88453	756	
Orthopedic surgery	0.02002	60.35686	863	
Cardiovascular diseases	0.01985	28.19399	402	
Dermatology	0.01296	53.93334	701	
Jrology	0.01868	21.84107	307	
Psychiatry	0.01194	62.31371	799	
leurology	0.01657	25.34462	346	
Dphthalmology	0.01678	81.35543	1,112	
Dtolaryngology	0.01717	23.01201	316	
Dncology	0.01888	15.75311	222	
All other specialties	0.01612	123.04027	1,666	
Drug mentions				
Overall totals	0.00487	240.87726	2,830	
General and family practice	0.01238	161.95420	2,087	
nternal medicine	0.02079	257.37714	3,719	
Pediatrics	0.01029	185.10316	2,323	
General surgery	0.05496	54.75517	1,563	
Dbstetrics and gynecology	0.02253	89.25594	1,323	
Orthopedic surgery	0.05134	58.13135	1,504	
Cardiovascular diseases	0.02038	139.13382	1,999	
Dermatology	0.01904	111.05372	1,566	
Jrology	0.03935	33.06627	653	
Psychiatry	0.02254	138.15174	2,048	
leurology	0.02920	59.92216	986	
Dphthalmology	0.03558	117.97488	2,168	
Dtolaryngology	0.03436	39.20229	705	
Dncology	0.02809	79.96145	1,292	
All other specialties	0.03063	407.76482	6,869	

Table IV. Coefficients appropriate for determining approximate relative standard errors by type of estimate and physician specialty: National Ambulatory Medical Care Survey, 2007

(NOTE: FOOTNOTE is on next page)

2007 NAMCS MICRO-DATA FILE DOCUMENTATION

NOTE: These coefficients apply to NAMCS data where doctors of osteopathy (D.O.'s) have been aggregated with doctors of medicine (M.D.'s) according to their self-designated practice specialty. For those who wish to conduct a separate analysis on doctors of osteopathy, the A and B coefficients for use with visit estimates in thousands are 0.01656 and 61.57472, respectively. The coefficients for estimates of drug mentions in thousands are 0.03352 and 120.67122. To perform analyses of NAMCS data on visits to M.D.'s only, excluding all D.O.'s, please contact the Ambulatory and Hospital Care Statistics Branch for more information.

B. 2007 NAMCS PATIENT RECORD FORM - INSTRUCTIONS AND DEFINITIONS

1. PATIENT INFORMATION

ITEM 1a. DATE OF VISIT

Record the month, day of visit, and last digit in the year for example, 05/17/___7 for May 17, 2007.

ITEM 1b. ZIP CODE

Enter 5-digit ZIP code from patient's mailing address.

ITEM 1c. DATE OF BIRTH

Record the month, day, and year of the patient's birth in figures, for example, 05/17/2007 for May 17, 2007. In the rare event the date of birth is unknown, the year of birth should be estimated as closely as possible. Enter 4-digit year.

ITEM 1d. SEX

Check the appropriate category based on observation or your knowledge of the patient or from information on the medical record.

ITEM 1e. ETHNICITY

Ethnicity refers to a person's national or cultural group. The Patient Record form has two categories for ethnicity, Hispanic or Latino and Not Hispanic or Latino.

Mark the appropriate category according to your usual practice, based on your knowledge of the patient, or from information in the medical record. You are not expected to ask the patient for this information. If the patient's ethnicity is not known and is not obvious, mark the box which in your judgment is most appropriate. The definitions of the categories are listed below. Do not determine the patient's ethnicity from their 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	All other persons.
	Latino	

ITEM 1f. RACE

Mark *all* appropriate categories based on observation, or your knowledge of the patient, or from information in the medical record. You are not expected to ask the patient for this information. If the patient's race is not known or not obvious, mark the box(es) which in your judgment is (are) most appropriate. Do not determine the patient's race from their last name.

Ra	ace	

Definition

-		2 ••
	White	A person having origins in any of the original peoples of Europe, the
		Middle East or North Africa.
2	2 Black/African American	A person having origins in any of the black racial groups of Africa.
3	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/	A person having origins in any of the original peoples of Hawaii,
	Other Pacific Islander	Guam, Samoa, or other Pacific Islands.
Ę	5 American Indian/ 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.
		, 5

ITEM 1g. EXPECTED SOURCE OF PAYMENT FOR THIS VISIT

Mark (X) ALL appropriate expected source(s) of payment.

Expected Source	
of Payment	Definition
1 Private insurance	Charges paid in-part or in-full by a private insurer (e.g., Blue Cross/Blue Shield) either directly to the physician or reimbursed to the patient. Include charges covered under a private insurance sponsored prepaid plan.
2 Medicare	Charges paid in-part or in-full by a Medicare plan. Includes payments directly to the physician as well as payments reimbursed to the patient. Include charges covered under a Medicare sponsored prepaid plan.
3 Medicaid/SCHIP	Charges paid in-part or in-full by a Medicaid plan. Includes payments made directly to the physician as well as payments reimbursed to the patient. Include charges covered under a Medicaid sponsored prepaid plan or the State Children's Health Insurance Program (SCHIP).
4 Worker's 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" is perhaps a poor choice of wording since we really have no interest in whether the patient actually pays the bill. This category is intended to include visits for which the patient is expected to be ultimately responsible for most of the bill. DO NOT check this box 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). Mark the box or boxes that indicate how the services were originally paid.
7 Other	Any other sources of payment not covered by the above categories, such as CHAMPUS, state and local governments, private charitable organizations, and other liability insurance (e.g., automobile collision policy coverage).
8 Unknown	The primary source of payment is not known.

ITEM 1h. TOBACCO USE

Tobacco use is defined as smoking cigarettes/cigars, using snuff, or chewing tobacco. Mark "Not current" if the patient does not currently use tobacco. Mark "Current" if the patient uses tobacco. Mark "Unknown" if it cannot be determined whether the patient currently uses or does not use tobacco.

2. INJURY/POISONING/ADVERSE EFFECT

ITEM 2. IS THIS VISIT RELATED TO ANY OF THE FOLLOWING?

If ANY PART of this visit was related to an injury or poisoning or adverse effect of medical or surgical care or an adverse effect of a medicinal drug, then mark the appropriate box. The injury/poisoning/adverse effect does not need to be recent. It can include those visits for follow-up of previously treated injuries and visits for

2007 NAMCS MICRO-DATA FILE DOCUMENTATION

flare-ups of problems due to old injuries. This item not only includes injuries or poisonings, but also adverse effects of medical treatment or surgical procedures (e.g., unintentional cut during a surgical procedure, foreign object left in body during procedure, and adverse drug events). Include any prescription or over-the-counter medication involved in an adverse drug event (e.g., allergies, overdose, medication error, drug interactions).

Mark "Unintentional injury/poisoning" if the visit was related to an injury or poisoning that was unintentional, such as an insect bite.

Mark "Intentional injury/poisoning" if the visit was related to an injury or poisoning that was intentional, such as a suicide attempt.

Mark "Injury/poisoning-unknown intent" if the visit was related to an injury or poisoning, but the intent is unknown.

Mark "Adverse effect of medical/surgical care or adverse effect of medicinal drug," if the visit was due to adverse reactions to drugs, adverse effects of medical treatment or surgical procedures.

Mark "None of the above," if the visit was not related to an injury, or poisoning, or adverse effect of medical or surgical care or an adverse effect of a medicinal drug.

3. REASON FOR VISIT

ITEM 3. PATIENT'S COMPLAINT(S), SYMPTOM(S), OR OTHER REASON(S) FOR THIS VISIT (in patient's own words.)

Enter the patient's complaint(s), symptom(s), or other reason(s) for this visit **in the patient's own words**. Space has been allotted for the "most important" and two "other" complaints, symptoms, and reasons as indicated below.

- (1) Most important
- (2) Other
- (3) Other

The *most important* reason should be entered in (1). Space is available for two other reasons in (2) and (3). By "most important" we mean the problem or symptom which, in the physician's/CHC provider's judgment, was most responsible for the patient making this visit. Since we are interested only in the patient's *most important complaints/ symptoms/reasons*, it is not necessary to record more than three.

This is one of the most important items on the Patient Record form. No similar data on office-based visits are available in any other survey and there is tremendous interest in the findings. Please take the time to be sure you understand what is wanted--especially the following three points:

• We want the patient's principal complaint(s), symptom(s) or other reason(s) in the patient's own words. The physician/CHC provider may recognize right away, or may find out after the examination, that the real problem is something entirely different. In item 3 we are interested

in how the patient defines the reason for the visit (e.g., "cramps after eating," or "fell and twisted my ankle").

- The item refers to the patient's complaint, symptom, or other reason for *this visit*. Conceivably, the patient may be undergoing a course of treatment for a serious illness, but if his/her principal reason for this visit is a cut finger or a twisted ankle, that is the information we want.
- 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, ask the physician to complete an insurance form, or drop off a specimen, then the patient is not eligible for the sample. A Patient Record form should not be completed for this patient.

4. CONTINUITY OF CARE

ITEM 4a. ARE YOU THE PATIENT'S PRIMARY CARE PHYSICIAN/PROVIDER?

The primary care physician/provider plans and provides the comprehensive primary health care of the patient. Mark "Yes" if the health care provided to the patient during this visit was from his/her primary care physician/provider and skip to item 4b. If the provider seen at this visit was substituting for the primary care physician/provider, also check "Yes." Mark "No" if care was not from the primary care physician/provider or "Unknown" if it is not known.

If "No" or "Unknown" is checked, also indicate whether the **patient was referred for this visit by another health care provider**. This item provides an idea of the "flow" of ambulatory patients from one provider to another. Mark the "Yes," "No," or "Unknown" category, as appropriate.

Notice that this item concerns referrals to the sample physician/CHC provider by a *different* physician, provider, or office. The interest is in referrals for *this* visit and not in referrals for any prior visit.

Referrals are any visits that are made because of the advice or direction of a physician/provider other than the physician/provider being visited.

ITEM 4b. HAVE YOU OR ANYONE IN YOUR PRACTICE SEEN THIS PATIENT BEFORE?

"Seen" means "provided care for" at any time in the past. Mark "Yes, established patient" if the patient was seen before by any provider or staff member in the office/CHC. Exclude this visit.

Mark "No, new patient" if the patient has not been seen in the office/CHC before.

If "Yes" is checked, also indicate approximately how many past visits the patient has made to this office/CHC within the last 12 months using the write-in box provided. Do not include the current visit in your total. If you cannot determine how many past visits were made, then mark "Unknown." Include all visits to other physicians/CHC providers or health care providers in this office/CHC.

ITEM 4c. MAJOR REASON FOR THIS VISIT

Mark the major reason for the patient's current visit. Be sure to *check only one* of the following "Major Reasons:"

4	Problem	Definition
1	New problem	A visit for a condition, illness, or injury having a relatively sudden or recent onset (within three months of this visit).
2	Chronic Problem, Routine	A visit primarily to receive care or examination for a pre-existing chronic condition, illness, or injury (onset of condition was three months or more before this visit).
3	Chronic Problem, Flare up	A visit primarily due to sudden exacerbation of a pre-existing chronic condition.
4	Pre- or Post- Surgery	A visit scheduled primarily for care required prior to or following surgery (e.g., pre-surgery tests, removing sutures).
5	Preventive Care	General medical examinations and routine periodic examinations. Includes prenatal and postnatal care, annual physicals, well-baby exams, screening, and insurance examinations.

5. PHYSICIAN'S DIAGNOSIS FOR THIS VISIT

ITEM 5a. AS SPECIFICALLY AS POSSIBLE, LIST DIAGNOSES RELATED TO THIS VISIT INCLUDING CHRONIC CONDITIONS.

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

This is one of the most important items on the Patient Record form. Item 5a(1) refers to the provider's primary diagnosis for this visit. While the diagnosis may be tentative, provisional, or definitive it should represent the provider's best judgment at this time, expressed in acceptable medical 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 (this includes diagnoses made by mid-level providers at CHCs).

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."

Space has been allotted for two "other" diagnoses. In Items 5a(2) and 5a(3) list the diagnosis of **other conditions related to this visit**. Include chronic conditions (e.g., hypertension, depression, etc.), if related to this visit.

ITEM 5b. REGARDLESS OF THE DIAGNOSES WRITTEN IN 5a, DOES PATIENT NOW HAVE:

The intent of this item is to supplement the diagnosis reported in item 5a(1), 5a(2), and 5a(3). Mark all of the selected condition(s) regardless of whether it is already reported in item 5a. Even if the condition is judged to be not clinically significant for this visit, it should still be checked. General descriptions for each condition are listed below.

Co	ndition	Description
1	Arthritis	Includes those types of rheumatic diseases in which there is an inflammation involving joints (e.g., osteoarthritis, rheumatoid arthritis, acute arthritis, juvenile chronic arthritis, hypertrophic arthritis, Lyme arthritis, and psoriatic arthritis).
2	Asthma	Includes extrinsic, intrinsic, and chronic obstructive asthma.
3	Cancer (ca)	Includes any type of cancer (ca), such as, carcinoma, sarcoma, leukemia, and lymphoma.

Several cancer staging systems exist. A cancer patient's prognosis and treatment is determined using the American Joint Committee on Cancer (AJCC) *Cancer Staging Handbook*. For comparability of stage and treatment results over time, the Surveillance, Epidemiology and End Results (SEER) Summary State is still collected and used. Below is a scheme of how the staging systems compare.

Comparability between AJCC staging system and SEER Summary Stage with the exception of prostate cancer

AJCC Stage	SEER Summary Stage	In item 5b(3), mark box:
0 (In-situ)	In-situ	0 – In situ
1	Localized	1 - Local
11	Regional (by direct extension or	2 - Regional
111	positive lymph nodes)	
IV	Distant (cancer found in other	3 - Distant
	organs)	
Unknown	Unknown	4 - Unknown

Comparability between AJCC staging system and SEER Summary Stage for prostate cancer

Prostate cancer represents a special situation as most patients do not undergo surgery. The table below provides a summary of the equivalent correlations between the staging systems.

Prostate Cancer (AJCC)	Prostate Cancer SEER Summary Stage	In item 5b(3), mark box:
0 (In-situ)	In-situ	0 – In situ
I (T1) no extension (Stage A) II (T2) no extension, no lymph nodes involved (Stage B)	Localized (confined to prostate gland)	1 - Local
III (T3) negative lymph nodes involved (Stage C)	Regional (extends to other organs, no lymph nodes involved)	2 - Regional
IV (T4) positive lymph nodes (Stage D) Distant metastasises	Regional (extends to other organs, positive lymph nodes involved) Distant metastasises	3 - Distant
Unknown	Unknown	4 - Unknown

4 Cerebrovascular disease

5 CHF

6 Chronic renal failure

7 COPD (chronic obstructive pulmonary disease)

Includes stroke and transient ischemic attacks (TIAs).

Congestive heart failure.

Includes end-stage renal disease (ESRD) and chronic kidney failure due to diabetes or hypertension.

Includes chronic bronchitis and emphysema. Excludes asthma.

8

Depression

9	Diabetes	Includes both diabetes mellitus and diabetes insipidus.
10	Hyperlipidemia	Includes hyperlipoproteinemva and hypercholesterolemia.
11	Hypertension	Includes essential (primary or idiopathic) and secondary hypertension.
12	Ischemic heart disease	Includes angina pectoris, coronary atherosclerosis, acute myocardial infarction, and other forms of ischemic heart disease.
13	Obesity	Includes body weight 20% over the standard optimum weight.
14	Osteoporosis	Reduction in the amount of bone mass, leading to fractures after minimal trauma.
15	None of the above	Mark (X) if none of the conditions above exist.

ITEM 5c. STATUS OF PATIENT ENROLLMENT IN A DISEASE MANAGEMENT PROGRAM FOR ANY OF **THE CONDITIONS MARKED IN 5b**

A disease management program is defined as a set of interventions designed to improve the health of individuals by working more directly with them and their physicians and support-service providers on their treatment plans regarding diet, adherence to medicine schedules, and other self-management techniques. Other components of the program include outcomes measurement and a routine reporting/feedback loop which may involve communication with the patient, physician, health plan, and ancillary providers.

6. VITAL SIGNS

(1)	Height	Record the patient's height if measured at this visit and enter the value in the box indicating the type of measurement (ft/in or cm). If it was not measured at this visit and the patient is 21 years of
		age or over, then review the chart for the last time that height was recorded and enter that value.
(2)	Weight	Record the patient's weight if measured at this visit and enter the value in the box indicating the type of measurement (lb or kg). If it was not measured at this visit and the patient is 21 years of age or over, then review the chart for the last time that weight was recorded and enter that value.
(3)	Temperature	Record the patient's initial temperature if measured at this visit. Mark the appropriate box, indicating the type of measurement (degrees C or F).
(4)	Blood pressure	Record the patient's initial blood pressure if measured at this visit. Enter the systolic and diastolic values in the appropriate box.

7. **DIAGNOSTIC/SCREENING SERVICES**

Mark all services that were ordered or provided during this visit for the purpose of screening (i.e., early detection of health problems in asymptomatic individuals) or diagnosis (i.e., identification of health problems causing individuals to be symptomatic). EACH SERVICE ORDERED OR PROVIDED SHOULD

PAGE 102

BE MARKED. At visits for a complete physical exam, several tests may be ordered prior to the visit, so that the results can be reviewed during the visit. Since these services are related to the visit, the appropriate box(es) should be marked.

Mark the "NONE" box if no Diagnostic/Screening Services were ordered or provided.

Services meriting special attention are as follows:

Answer Box	Service	Special Instruction
В0х 17	Electrolytes	Special Instruction Include any of the following tests - electrolytes, sodium (Na), chloride (Cl), potassium (K), bicarbonate (HCO ₃),
20	Lipids/	calcium (Ca), magnesium (Mg). Include any of the following tests - cholesterol, LDL,
	Cholesterol	HDL, cholesterol/HDL ratio, triglycerides, coronary risk profile, lipid profile.
23	Scope Procedure - Specify	Mark (X) for scope procedures ordered or provided. Write in the type of procedure in the space provided.
24	Biopsy	Include any form of open or closed biopsy of lesions or tissues.
25	Chlamydia test	Only include the following tests if chlamydia is specifically mentioned: enzyme-linked immunosorbent assay (ELISA, EIA), direct fluorescent antibody test (DFA), nucleic acid amplification test (NAAT), nucleic acid hybridization test (DNA probe testing), or chlamydia culture.
27	HPV/DNA test	Detects the presence in women of human papillomavirus and is performed by collecting cells from the cervix.
28	Pap Test - conventional	Refers to a smear spread on a glass slide and fixed.
29	Pap Test – liquid-based	Refers to a specimen suspended in liquid solution.
34	Other exam/ test/service - Specify	Mark (X) for services ordered and provided that are not listed. Write in the service(s) in the space provided.

8. HEALTH EDUCATION

Mark all appropriate boxes for any of the following types of health education **ordered or provided** to the patient during the visit. Exclude medications.

Mark the "NONE" box if no counseling, educational, or therapeutic services were provided.

Health Education		Definition
2	Asthma Education	Information regarding the elimination of allergens that may exacerbate asthma, or other activities that could lead to an asthma attack or instruction on the use of medication, such as an inhaler.
3	Diet/Nutrition	Any topic related to the foods and/or beverages consumed by the patient. Examples include general dietary guidelines for health promotion and disease prevention, dietary restrictions to treat or control a specific medical problem or condition, and dietary instructions related to medications. Includes referrals to other health professionals, for example, dietitians and nutritionists.
4	Exercise	Any topics related to the patient's physical conditioning or fitness. Examples include information aimed at general health promotion and disease prevention and information given to treat or control a specific medical condition. Includes referrals to other health and fitness professionals. Does not include referrals for physical therapy. Physical therapy ordered or provided at the visit is listed as a separate check box in Item 9.
5	Growth/ Development	Any topics related to human growth and development.
6	Injury Prevention	Any topic aimed at minimizing the chances of injury in one's daily life. May include issues as diverse as drinking and driving, seat belt use, child safety, avoidance of injury during various physical activities, and use of smoke detectors.
7	Stress Management	Information intended to help patients reduce stress through exercise, biofeedback, yoga, etc. Includes referrals to other health professionals for the purpose of coping with stress.
8	Tobacco use/exposure	Information given to the patient on issues related to tobacco use in any form, including cigarettes, cigars, snuff, and chewing tobacco, and on the exposure to tobacco in the form of "secondhand smoke." Includes information on smoking cessation as well as prevention of tobacco use. Includes referrals to other health professionals for smoking cessation programs.
9	Weight reduction	Information given to the patient to assist in the goal of weight reduction. Includes referrals to other health professionals for the purpose of weight reduction.
10	Other	Check if there were other types of health or education ordered or provided that were not listed above.

9. NON-MEDICATION TREATMENT

Mark (X) all non-medication treatments ordered or provided at this visit.

Non-Medication	Definition
Treatment	
1 NONE	No non-medication treatments were ordered, scheduled, or performed at this visit.

2	Complementary or Alternative medicine	Includes medical interventions neither widely taught in medical schools nor generally available in physician offices or hospitals (e.g., acupuncture, chiropractic, homeopathy, massage, or
	medicine	herbal therapies).
3	Durable medical equipment	Equipment which can withstand repeated use (i.e., could normally be rented and used by successive patients); is primarily used to serve a medical purpose; generally is not useful to a person in the absence of illness or injury; and is appropriate for use in the patient's home (e.g., cane, crutch, walker, and wheelchair.)
4	Home health care	Includes services provided to individuals and families in their places of residence for the purpose of promoting, maintaining, or restoring health or for maximizing the level of independence while minimizing the effects of disability and illness, including terminal illness. Services may include skilled nursing care; help with bathing, using the toilet, or dressing provided by home health aides; and physical therapy, speech language pathology services, and occupational therapy.
5	Hospice care	A program of palliative care (i.e., care which serves to relieve or alleviate without curing) and supportive care services providing physical, psychological, social, and spiritual care for dying persons, their families, and other loved ones. Hospice services are available in both the home and inpatient settings. Home hospice care is provided on a part-time, intermittent, regularly scheduled, and around-the-clock basis. Bereavement services and other types of counseling are available to the family and other loved ones.
6	Physical therapy	Physical therapy includes treatments using heat, light, sound, or physical pressure or movement, (e.g., ultrasonic, ultraviolet, infrared, whirlpool, diathermy, cold, or manipulative therapy).
7	Radiation therapy	The use of high-energy penetrating rays or subatomic particles to treat disease.
8	Speech/ Occupational therapy	Speech therapy includes the treatment of defects and disorders of the voice and of spoken and written communication. Occupational therapy includes the therapeutic use of work, self- care, and play activities to increase independent function, enhance development, and prevent disability.
9	Psychotherapy	All treatments involving the intentional use of verbal techniques to explore or alter the patient's emotional life in order to effect symptom reduction or behavior change.
10	Other mental health counseling	General advice and counseling about mental health issues and education about mental disorders. Includes referrals to other mental health professionals for mental health counseling.
11	Excision of tissue	Includes any excision of tissue such as polyps, cysts, or moles. Excludes wound care and biopsy.
12	Orthopedic care	Includes reduction, casting, wrapping, splinting, and aspiration of fluid from joints.
13	Wound care	Includes cleaning, debridement, and dressing of burns; repair of lacerations with skin tape or sutures. Include removal of foreign bodies only if a wound exists. If an object is removed from an orifice, mark (X) the "Other non-surgical procedures" box and specify the procedure.
14	Other non-surgical procedures	Write-in any non-surgical procedure ordered or performed at this visit that was not previously recorded.

15 Other surgical procedures Write-in any surgical procedure ordered or performed at this visit that was not previously recorded. Surgical procedures may be simple (e.g., insertion of intrauterine contraceptive device) or complex (e.g., cataract extraction, hernia repair, hip replacement, etc.).

10. MEDICATIONS & IMMUNIZATIONS

If medications or immunizations were ordered, supplied, administered, or continued at this visit, please list them (up to 8) in the space provided using either the brand or generic names. Record the exact drug name (brand or generic) written on any prescription or on the medical record. Do not enter broad drug classes, such as "laxative," "cough preparation," "analgesic," "antacid," "birth control pill," or "antibiotic." The one exception is "allergy shot." If no medication was prescribed, provided, or continued, then mark (X) the "NONE" box and continue.

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

•prescription *and* over-the-counter medications, anesthetics, hormones, vitamins, immunizations, allergy shots, and dietary supplements.

•medication and immunizations which the physician ordered or provided *prior to this visit* and *instructs or expects* the patient to continue taking regardless of whether a "refill" is provided at the time of visit.

For each medication, record if it was new or continued.

11. PROVIDERS

Mark all providers seen during this visit. If care was provided, at least in part, by a person not represented in the four categories, mark the "Other" box.

For mental health provider, include psychologists, counselors, social workers, and therapists who provide mental health counseling. Exclude psychiatrists.

12. VISIT DISPOSITION

Mark all that apply.

1	Visit Disposition No show	Definition The patient made an appointment at the office/CHC, but did not keep it.
2	Left without being seen	The patient registered at the office/CHC, but left without being seen by a health care provider.
3	No follow-up planned	No return visit or telephone contact was scheduled or planned for the patient's problem.

4	Visit Disposition Return if needed, PRN	Definition The patient was instructed to return to the office/CHC as needed.
5	Refer to other physician	The patient was instructed to consult or seek care from another physician/provider. The patient may or may not return to this office/CHC at a later date.
6	Return at specified time	The patient was told to schedule an appointment or was given an appointment to return to the office/CHC at a particular time.
7	Telephone follow-up planned	The patient was instructed to telephone the physician/CHC provider or other office staff on a particular day to report on his or her progress, or a member of the office staff plans to call the patient to check on his or her condition.
8	Refer to emergency department	The patient was instructed to go to the emergency department for further evaluation and care immediately.
9	Admit to hospital	The patient was instructed that further care or treatment will be provided as an inpatient in the hospital.
10	Other	Any other disposition not included in the above list.

"No show" and "Left without being seen" should only be marked in those cases when the patient was scheduled to see the sampled physician/CHC provider and the Patient Record form was completed ahead of time, but for one of the two reasons the visit did not take place. Optimally, visits that fall into these categories should not be sampled.

13. TIME SPENT WITH PHYSICIAN

Include here the length of time the physician/CHC provider spent with the patient. DO NOT include the time the patient spent waiting to see the physician/CHC provider or receiving care from someone other than the physician/CHC provider. For example, DO NOT include the time someone other than the sampled provider spent giving the patient an inoculation or the time a technician spent administering an electrocardiogram. It is entirely possible that for visits such as these, the patient would not see the physician/CHC provider at all. In that case, "0" minutes should be recorded. DO NOT include physician's/CHC provider's time spent preparing for a patient such as reviewing the patient's medical records or test results <u>before</u> seeing the patient.

If more than one patient is seen by the physician/CHC provider at the same time, apply the following rule:

If the physician/CHC provider can easily separate the time spent with each (e.g., 3 minutes with one and 27 minutes with the other), he/she should record that on the Patient Record forms. If the physician/CHC provider cannot easily estimate how much time was spent with each, he/she should divide the total time equally among the patients seen together.

C. DEFINITIONS OF CERTAIN TERMS USED IN THE NAMCS

Ambulatory patient -- An individual presenting for personal health services, neither bedridden nor currently admitted to any health care institution on the premises.

Continuity of care -- Continuity of care is a goal of health care achieved through an interdisciplinary process involving patients, families, health care professionals, and providers in the management of a coordinated plan of care. Based on changing needs and available resources, the process optimizes quality outcomes in the health status of patients. It may involve professionals from many different disciplines within multiple systems.

Drug mention(s) --The physician's entry of a pharmaceutical agent ordered or provided--by any route of administration--for prevention, diagnosis, or treatment. Generic as well as brand-name drugs are included. Along with all new drugs, the physician also records continued medications if the patient was specifically instructed or expected to continue the medication.

Drug visit -- A drug visit is a visit at which medication was prescribed or provided by the physician.

Office(s) --Premises that the physician identifies as locations for his or her ambulatory practice. Responsibility over time for patient care and professional services rendered there generally resides with the individual physician rather than with any institution.

Visit --A direct, personal exchange between ambulatory patient and the physician (or members of his/her staff) for the purpose of seeking care and rendering health services.

PATIENTS

In-scope -- All patients seen by the physician or members of his/her staff in the physician's office(s).

Out-of-scope -- Patients seen by the physician in a hospital, nursing home, or other extended care institution, or the patient's home. Note: If the doctor has a private office (which fits definition of "office") located in a hospital, the ambulatory patients seen there would be considered "in-scope." The following types of patients are also considered out-of-scope:

• patients seen by the physician in any institution (including outpatient clinics of hospitals) for which the institution has the primary responsibility for the care of the patient over time;

 patients who telephone and receive advice from the physician; patients who come to the office only to leave a specimen, pick up insurance forms, or pay their bills;

• patients who come to the office only to pick up medications previously prescribed by the physician.

PHYSICIANS

In-Scope -- All duly licensed doctors of medicine and doctors of osteopathy currently in practice who have regularly scheduled time for seeing ambulatory patients at an office location.

Out-of-Scope -- Those physicians who treat patients only indirectly, including specialists in anesthesiology, pathology, forensic pathology, radiology, therapeutic radiology, and diagnostic radiology, and the following physicians:

- physicians who are federally employed or who are in military service;
- physicians who treat patients only in an institutional setting (e.g., patients in nursing homes and hospitals);
- physicians employed full time by an industry or institution and having no private practice (e.g., physicians who work for the VA, the Ford Motor Company, etc.);
- physicians who spend no time seeing ambulatory patients.

Physician specialty -- Principal specialty (including general practice) as designated by the physician at the time of the survey. Those physicians for whom a specialty was not obtained were assigned the principal specialty recorded in the Master Physician files maintained by the AMA or AOA.

Metropolitan status — Physicians are classified by their location in metropolitan statistical area as follows:

Metropolitan statistical area (MSA)—As defined by the U.S. Office of Management and Budget, the definition of an individual MSA involves two considerations: first, a city or cities of specified population, that constitute the central city and identify the county in which it is located as the central county; second, economic and social relationships with "contiguous" counties that are metropolitan in character so that the periphery of the specific metropolitan area may be determined. MSAs may cross state lines. In New England, MSAs consist of cities and towns rather counties.

Non-MSA—Non-MSA areas are those not defined as MSAs, including rural and micropolitan areas.

Region of practice location -- The four geographic regions which correspond to those used by the U.S. Bureau of the Census, are as follows:

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

APPENDIX II REASON FOR VISIT CLASSIFICATION

A. SUMMARY OF CODES

MODULE

CODE NUMBER

SYMPTOM MODULE

Symptoms Referable to the Genitourinary System1640-1829Symptoms Referable to the Skin, Nails, and Hair1830-1899Symptoms Referable to the Musculoskeletal System1900-1999	General Symptoms Symptoms Referable to Psychological and Mental Disorders Symptoms Referable to the Nervous System (Excluding Sense Organs) Symptoms Referable to the Cardiovascular and Lymphatic Systems Symptoms Referable to the Eyes and Ears Symptoms Referable to the Respiratory System Symptoms Referable to the Digestive System	1001-1099 1100-1199 1200-1259 1260-1299 1300-1399 1400-1499 1500-1639
	Symptoms Referable to the Genitourinary System Symptoms Referable to the Skin, Nails, and Hair	1830-1899

Infective and Parasitic Diseases	2001-2099
Neoplasms	2100-2199
Endocrine, Nutritional, Metabolic, and Immunity Diseases	2200-2249
Diseases of the Blood and Blood-forming Organs	2250-2299
Mental Disorders	2300-2349
Diseases of the Nervous System	2350-2399
Diseases of the Eye	2400-2449
Diseases of the Ear	2450-2499
Diseases of the Circulatory System	2500-2599
Diseases of the Respiratory System	2600-2649
Diseases of the Digestive System	2650-2699
Diseases of the Genitourinary System	2700-2799
Diseases of the Skin and Subcutaneous Tissue	2800-2899
Diseases of the Musculoskeletal System and Connective Tissue	2900-2949
Congenital Anomalies	2950-2979
Perinatal Morbidity and Mortality Conditions	2980-2999

DIAGNOSTIC, SCREENING AND PREVENTIVE MODULE

General Examinations	3100-3199
Special Examinations	3200-3299
Diagnostic Tests	3300-3399
Other Screening and Preventive Procedures	3400-3499
Family Planning	3500-3599

TREATMENT MODULE

Medications	4100-4199
Preoperative and Postoperative Care	4200-4299
Specific Types of Therapy	4400-4499
Specific Therapeutic Procedures	4500-4599
Medical Counseling	4600-4699
Social Problem Counseling	4700-4799
Progress Visit, NEC	4800-4899

MODULE	CODE NUMBER
INJURIES AND ADVERSE EFFECTS MODULE	
Injury by Type and/or Location Injury, NOS Poisoning and Adverse Effects	5001-5799 5800-5899 5900-5999
TEST RESULTS MODULE	6100-6700
ADMINISTRATIVE MODULE	7100-7140
UNCODABLE ENTRIES	8990-8999
BLANK	9000

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

B. REASON FOR VISIT CLASSIFICATION TABULAR LISTING

Symptoms of fluid abnormalities SYMPTOM MODULE 1035.0 GENERAL SYMPTOMS (1001-1099) Includes: Fluid imbalance 1005.0 Chills Fluid retention Holding water 1010.0 Fever 1035.1 Edema Includes: High temperature Includes: Ankles swelling (both) 1012.0 Other symptoms of body temperature Bloated Excludes: Dropsy Chills (1005.0) Legs (both) Fever (1010.0) Peripheral Swollen with water 1012.1 Feeling cold 1012.2 Feeling hot Excludes: 1012.3 Feeling hot and cold Swelling of one ankle (1930.5) Swelling of one leg (1920.5) 1015.0 Tiredness, exhaustion 1035.2 Excessive sweating, perspiration Includes: Includes: Exercise intolerance Cold sweats Diaphoresis Fatigue Lack of energy No energy 1035.3 Excessive thirst Run down 1040.0 Worn out Weight gain 1020.0 General weakness Includes: Fat pads (localized) 1025.0 General ill feeling Fatty deposits Obesity Includes: Overweight Diffuse Cx Too fat Feeling bad all over Illness, NOS Excludes: Malaise Counseling for weight problem (4600.0) Not feeling well Multiple complaints 1045.0 Weight loss Multiple medical problems Sick, NOS 1045.1 Recent weight loss 1045.2 Underweight Excludes: General symptoms of infants (10800) 1046.0 Symptoms of face, NEC 1030.0 Fainting (syncope)

Includes:

Mass

Excludes:

Facial pain 1055.4 Facial paralysis 1230.0

Includes: Blacking out Fainting spells Passing out

Excludes: Unconsciousness (5840.0)

PAGE 112

1075.0 Symptoms of growth and developmental 1050.1 Chest pain, soreness Excludes: Heart pain (1265.0) 1050.2 Chest discomfort, pressure, tightness, heaviness Includes: C - pressure 1055.0 Pain, specified site not referable to a specific body system Includes: Includes: Developmental regression 1075.1 Lack of growth Includes: Failure to thrivy Inmaturity, phy Poor weight ga Slowness, phys Too short 1055.0 Pain, specified site not referable to a specific body system Includes: Buttock pain Gluteal pain Perineal pain Excludes: Abdominal pain (see 1545,1-1545.3) Chest pain (1050.1) Phantom leg/limb (2307.0) 1080.1 Cranky, crying too fidgety, irritable 1055.2 Side pain, flank pain 1055.3 Groin pain Lickudes: Includes: Subtock pain 1055.4 Rib pain 1055.3 Groin pain Lickudes: Includes: Subtock pain 1055.4 Rib pain 1055.4 Rib pain 1055.5 Side pain, flank pain 1055.4 Rib pain 1055.5 Side pain, flank pain 1055.5 Side pain flank pain 1055.5 Side pain, flank pain 1055.5 Side pain flank pain	1050.0	1	ed symptoms (not referable to a body system)	1070.0	Bleeding, multiple or	unspecified sites
Includes: Heart pain (1265.0) 1075.1 Lack of growth 1050.2 Chest disconfort, pressure, tightness, heaviness 1075.1 Lack of growth Includes: C - pressure 1070.2 Lack of growth 1055.0 Pain, specified site not refrable to a specific body system 1075.2 Excessive growth 1055.0 Pain, specified site not refrable to a specific body system 1075.2 Excessive growth 1055.0 Pain, specified site not refrable to a specific body system 1080.0 General symptoms of infants (under 1 ye Too tall Perineal pain Pain (u307.0) Reprineal pain 1080.1 Cranky, erying too fidgest, viritable 1055.3 Rob pain 1080.3 General symptoms of infants (under 1 ye NEC Excludes: Too tall 1055.4 Rib pain 1080.2 Regargitation, spi fidgest, viritable Regargitation, spi fidgest, viritable 1055.3 Groin pain Excludes: Pubic pain 1080.3 General or unspecified nonviral infection (Code also symptoms of spicfied join (Code also symptoms of spicfied join (Code also symptoms of spicfied join (Code also symptoms of also) also) Includes: Includes: Jaw pain Pain over eye 1090.0 Regargitation, spi field spin (uspice) (poscified join (Code also symptoms of spicfied join (Code also symptoms of spicfied join (Code also symptoms of spicfied		-		1075.0	Symptoms of growth	and developmental disorders
1050.2 Chest disconfort, pressure, tightness, heaviness 1075.1 Lack of growth 1050.3 Burning sensation in the chest Includes: C pressure Failure to thrivy Immaturity, phy Poor weight of the chest 1075.2 Excessive growth 1055.0 Pain, specified site not referable to a specific body system 1075.2 Excessive growth Includes: Development, c Too short Includes: Development, c Too big for age Too tall Includes: Development, c Too tall Includes: Development			Excludes:			omental regression
Includes: C - pressure Failure to thrive immuturity, phy Poor weight ag Slowness, phys 1055.0 Pain, specified site not referable to a specific body system 1075.2 Excessive growth 1055.0 Pain, specified site not referable to a specific body system 1075.2 Excessive growth 1055.0 Pain, specified site not referable to a specific body system 1075.2 Excessive growth 105.0 Perineal pain 1080.0 General symptoms of infants (under 1 ye NEC 1075.2 Excludes: Abdominal pain (see 1545.1-1545.3) Chest pain (1050.1) Net Excludes: NEC 1080.0 1055.1 Rib pain 1080.0 General symptoms of infants (under 1 ye NEC NetC 1055.2 Side pain, flank pain 1080.0 Regurgitation, spi Groutes: Pubic pain 1080.0 Regurgitation, spi Code also symptoms of specified join (fidgety, irritable 1055.4 Facial pain 1085.0 General or unspecified nonviral infection Code also symptoms of specified join (etc.) Includes: Infections, NOS 1060.0 Pain and related symptoms, NEC 1090.0 Allergit skin reaction (NOS Aboy also) Includes: Allergit skin reaction (NOS Biolog) Allergit skin reaction (2000 also) Allergit skin reaction (2000 also) 1060.1		1050.2 0	Chest discomfort, pressure, tightness,		1075.1	-
system Includes: Buttock pain Gluteal pain Perineal Pain Pain (2307.0) Phantom leg/limb (2307.0) P		1050.3 H	Includes: C - pressure			Failure to thrive Immaturity, physical Poor weight gain Slowness, physical
Includes: Buttock pain Gluteal pain Perineal	1055.0	-	not referable to a specific body		1075.2	Excessive growth
Excludes: Abdominal pain (see 1545.1-1545.3) Chest pain (1050.1) Phantom leg/limb (2307.0) 1055.1 Rib pain 1055.2 Side pain, flank pain 1055.3 Groin pain 1055.3 Groin pain 1055.4 Facial pain 1055.4 Facial pain 1055.4 Facial pain 1055.4 Facial pain 1055.4 Facial pain 1060.0 Pain and related symptoms, NEC 1060.1 Pain, unspecified 1060.1 Pain, unspecified 1060.1 Pain, unspecified 1060.2 Cramps, spasms, site unspecified 1060.2 Cramps, spasms, site unspecified 1060.3 Stiffness, site unspecified 1060.3 Stiffness, site unspecified		Include Buttoc Glutea	k pain 1 pain			Development, early (physical) Too big for age
 1055.1 Rib pain 1055.2 Side pain, flank pain 1055.3 Groin pain 1055.3 Groin pain 1055.3 Groin pain 1080.3 Feeding problem, 1080.3 Feeding problem, 1085.4 Facial pain 1085.0 General or unspecified nonviral infection Code also symptoms of specified joing (etc.) 1060.0 Pain and related symptoms, NEC 1060.1 Pain, unspecified 1060.1 Pain, unspecified 1060.2 Cramps, spasms, site unspecified 1060.2 Cramps, spasms, site unspecified 1060.3 Stiffness, site unspecified 		Abdor	ninal pain (see 1545.1-1545.3)	1080.0	NEC Excludes:	:
1055.3 Groin pain Excludes: Vomiting (1530) Includes: Pubic pain 1080.3 Feeding problem, 1055.4 Facial pain 1085.0 General or unspecified nonviral infection Code also symptoms of specified joing (etc.) 1060.0 Pain and related symptoms, NEC Includes: Infection, NOS Includes: Infection, NOS 1060.1 Pain, unspecified Includes: Ache all over (generalized) Incisions (postopcode 4205.0 also) Includes: Angioedema Allergic reaction, NOS Food allergy, NOS 1060.2 Cramps, spasms, site unspecified Excludes: Allergic skin reaction (282 Allergy to medications (59 Nasal allergy (2635.0) 1060.3 Stiffness, site unspecified Stiffness, site unspecified					1080.1	Cranky, crying too much, fussy, fidgety, irritable
Vomiting (1530) Includes: Pubic pain 1055.4 Facial pain 1055.4 Facial pain 1055.4 Facial pain 1055.4 Facial pain 1060.0 Pain and related symptoms, NEC 1060.0 Pain and related symptoms, NEC 1060.1 Pain, unspecified 1060.1 Pain, unspecified 1060.1 Pain, unspecified 1060.2 Cramps, spasms, site unspecified 1060.2 Cramps, spasms, site unspecified 1060.3 Stiffness, site unspecified 1060.3 Stiffness, site unspecified		1055.2	Side pain, flank pain		1080.2	Regurgitation, spitting up
Pubic pain 1080.3 Feeding problem, 1055.4 Facial pain 1085.0 General or unspecified nonviral infection Code also symptoms of specified joing (etc.) Jaw pain Pain over eye Includes: etc.) Jaw pain Pain over eye Includes: Infection, NOS 1060.0 Pain and related symptoms, NEC 1090.0 Allergy, NOS 1060.1 Pain, unspecified Includes: Angioedema Ache all over (generalized) Incisions (postopcode 4205.0) Bincludes: Allergic reaction, NOS 1060.2 Cramps, spasms, site unspecified Excludes: Allergic skin reaction (282) 1060.3 Stiffness, site unspecified Stiffness, site unspecified Excludes:		1055.3	Groin pain			Excludes: Vomiting (1530.0)
Code also symptoms of specified joing (Includes: Jaw pain Pain over eye 1060.0 Pain and related symptoms, NEC 1060.1 Pain, unspecified Includes: Ache all over (generalized) Incisions (postopcode 4205.0 also) 1060.2 Cramps, spasms, site unspecified Excludes: Active all over (generalized) Incisions (postopcode 4205.0 also) 1060.2 Cramps, spasms, site unspecified Excludes: Menstrual cramps (1745.2) 1060.3 Stiffness, site unspecified					1080.3	Feeding problem, eating difficult
Pain over eye Includes: 1060.0 Pain and related symptoms, NEC 1060.1 Pain, unspecified Includes: Ache all over (generalized) Incisions (postopcode 4205.0 also) 1060.2 Cramps, spasms, site unspecified Excludes: Menstrual cramps (1745.2) 1060.3 Stiffness, site unspecified		1055.4	Includes:	1085.0	Code also symptoms	
1060.0 Pain and related symptoms, NEC 1090.0 Allergy, NOS 1060.1 Pain, unspecified Includes: Ache all over (generalized) Incisions (postopcode 4205.0 also) Includes: Allergic reaction, NOS Food allergy, NOS 1060.2 Cramps, spasms, site unspecified Excludes: Allergic skin reaction (282 Allergy to medications (59 Nasal allergy (2635.0) 1060.3 Stiffness, site unspecified Stiffness, site unspecified						
Includes: Ache all over (generalized) Incisions (postopcode 4205.0 also) 1060.2 Cramps, spasms, site unspecified Excludes: Menstrual cramps (1745.2) 1060.3 Stiffness, site unspecified Includes: Allergic reaction, NOS Food allergy, NOS Excludes: Allergic skin reaction (282 Allergy to medications (59 Nasal allergy (2635.0)	1060.0		-	1090.0		
Allergic skin reaction (282 Excludes: Allergy to medications (59 Menstrual cramps (1745.2) Nasal allergy (2635.0) 1060.3 Stiffness, site unspecified		1060.1	Includes: Ache all over (generalized) Incisions (postopcode 4205.0		Angioe Allergi Food al	dema c reaction, NOS llergy, NOS
Excludes:Allergy to medications (59 Menstrual cramps (1745.2)1060.3Stiffness, site unspecified		1060.2	Cramps, spasms, site unspecified			
					Allergy	to medications (5905.0)
1065.0 Tumor or mass, site unspecified		1060.3	Stiffness, site unspecified			
	1065.0	Tumor or mass, site	unspecified			
1065.1 Internal mass, NOS		1065.1	Internal mass, NOS			
1066.0 Lesion, Internal NOS (excludes brain and skin)	1066.0	Lesion, Internal NO	S (excludes brain and skin)			

1095.0 Disorders of motor functions

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

1096.0 Dyslexia, NOS

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

1100.0 Anxiety and nervousness

Includes: Apprehension Bad nerves Jittery Panicky feeling Stress Tension Upset Worried

1105.0 Fears and phobias

Includes: General fearfulness Agoraphobia

1110.0 Depression

Includes: Crying excessively Dejected Distress (NOS) Feeling down Feeling low Grief Hopelessness Sadness Tension Tension headache (also code 1210.0) Unhappy

1115.0 Anger

Includes: Bitterness Hostile feelings

Excludes: Temper problems (1130.4)

1120.0 Problems with identity and self-esteem

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

1125.0 Restlessness

Includes: Can't rest Hyperactivity Overactivity

1130.0 Behavioral disturbances

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

1130.1 Antisocial behavior

Includes: Avoiding people Excessive shyness Lying Social isolation Withdrawal

1130.2 Hostile behavior

Includes: Aggressiveness Child abuser Child neglecter Combative Criminality Cruelty Destructiveness Elder abuser Homicidal Negativism Parent abuser Quarrelsome Spouse abuser

PAGE 114

	1130.3	Hysterical behavior	1150.0	Abnormal drug usag	e
	1130.4	Temper problems Includes: Blowing up Fussy Irritability		halluc Exclude	buse ent or excessive use of stimulants, inogens, depressants, etc. es:
		Losing temper Temper tantrums		Drug d Intoxic	ddiction (2321.0) lependence (2321.0) eation with drugs (5910.0)
		Excludes: Fussy infants (1080.1)			ose, intentional (5820.1) ose, unintentional, NOS (5910.0)
	1130.5	Obsessions and compulsions	1155.0	Delusions or hallucit	
1135.0	Disturbances of sleep	p		Includes Flashb Grandi	ack
	Includes Night te			Hearin Ideas c	g voices of reference ine is poisoned
	1135.1	Insomnia		Seeing	things
		Includes: Can't sleep Sleeplessness	1160.0	Psychosexual disord 1160.1	ers Frigidity, loss of sex drive, lack of
		Trouble falling asleep			response, lack of libido
	1135.2	Sleepiness (hypersomnia)		1160.2	Homosexuality, concerns with
		Includes: Can't stay awake		1160.3	Impotence, Erectile dysfunction
		Drowsiness Groggy		1160.4	Premature ejaculation
	1135.3	Nightmares		1160.5	Masturbation excessive, concerns about
	1135.4	Sleepwalking		1160.6	Orgasm, problem with
	1135.5	Apnea Includes: Sleep apnea (use additional		1160.7	Preoccupation with sex
		code 1420.0 if breathing problem)	1165.0	• • •	problems relating to psychological al disorders, NEC
1140.0	Smoking problems			Includes Bad at	
	Includes	::			d affect
	1	uit smoking		Can't c	
	Smokir	ng too much		Ų	e in mental status cal imbalance
	Exclude	s:			icted affect
		al symptoms of smoking (see			r to self
	1	cular symptom) r's cough (1440.0)		Deja v Disorie	u feelings
	Shloke	1 s cougn (1440.0)			alty concentrating
1145.0	Alcohol-related prob	lems			g heavy
	Includes	:		Frustra	
		ol abuse		Going	
	Drinki	ng problem		Guarde Hate e	ed verybody
	Exclude	s:		Inhibit	5 5
		e effects of alcohol (5915.0)		Learni	ng disability
	Alcoho	blism (2320.0)			my mind fluctuation

1165.0	Other symptoms or problems relating to psychological and mental disorders, NEC (cont.)	1215.0	Memory, disturbances of
	and mental disorders, NEX (cont.)		Includes:
	Mood swings		Amnesia
	Non-communicative		Forgetfulness
	Overwhelmed		Lack or loss of memory
	Peculiar thinking		Temporary loss of memory
	Psychological problems, NOS		
	Racing thoughts	1220.0	Disturbances of sensation
	Reserved		
	Rumination		1220.1 Loss of feeling (anesthesia)
	Sundown syndrome		
	Trouble concentrating		Includes:
	Wandering around		Lack of sensation
			No response to pain
	Excludes:		Numbness
	Character disorder (2315.0)		Stunned
	Personality disorder (2315.0)		
			Excludes:
	1165.1 Nailbiting		Post-op complications of
			anesthesia
	1165.2 Thumbsucking		
			Note: Use additional code to identify body
	OMS REFERABLE TO THE NERVOUS SYSTEM		part.
(EXCLU	DING SENSE ORGANS) (1200 - 1259)		
1200.0			1220.2 Increased sensation (hyperesthesia)
1200.0	Abnormal involuntary movements		
	To also do as		1220.3 Abnormal sensation (paresthesia)
	Includes:		To she do so
	Jerking		Includes:
	Shaking		Burning legs
	Tics		Burning, tingling sensation
	Tremors Twitch		Needles and pins
	1 witch		Prickly feeling Stinging
	Excludes:		Stinging
	Eye movements (see 1325.0-1325.4)		1220.4 Other disturbances of sense,
	Eyelid twitch (1340.4)		including smell and taste
	Eyend twitten (15+0.+)		including sinch and use
1205.0	Convulsions	1225.0	Vertigo - dizziness
		122010	, orugo dillinoss
	Includes:		Includes:
	Febrile convulsions (Code fever also)		Falling sensation
	Fits		Giddiness (dizziness)
	Seizures		Lightheadedness
	Spells		Loss of sense of equilibrium or balance
	•		Room spinning
	Excludes:		
	Fainting (1030.0)	1230.0	Weakness (neurologic)
1207.0	Symptoms of head, NEC		Includes:
			Drooping, facial or NOS
	Excludes:		Right- or left-sided weakness
	Headache, pain in head (1210.0)		
			Excludes:
1210.0	Headache, pain in head		General weakness (1020.0)
	Includes:		
	Post-traumatic (also code 5575.0)		
	Excludes:		
	Migraine (2365.0)		
	Sinus headache (1410.1)		
	Symptoms of head, NEC (1207.0)		

1235.0 Disorders of speech,	speech disturbance	1270.0	Other symptoms of	the heart
Speech Unable	g for words h/verbal apraxia e to speak		Include Bad h Heart Poor h Weak	eart condition neart
1235.1	Stuttering, stammering	1275.0	Symptoms of lymph	glands (or nodes)
1235.2	Slurring		1275.1	Swollen or enlarged gl
• •	erable to the nervous system		1275.2	Sore glands
e	lesion ision tive decline ged nerves	1280.0	Other symptoms ref cardiovascular/lym (blocked blood ves	phatic system, NEC
Neuro	vegative ed nerve		1280.1	Telangiectasia Poor circulation Includes:
Exclude Nerve	es: e block 4560.0		1280.2	Cold feet, hands Pallor, paleness
1240.1 A	praxia Excludes:		1280.2	Flushed, blushing
SYMPTOMS REFERABLE AND LYMPHATIC SYSTEM	Speech/verbal apraxia 1235.0 TO THE CARDIOVASCULAR IS (1260-1299)	SYMPT (1300-13		TO THE EYES AND EA
1260.0 Abnormal pulsations	s and palpitations	1305.0	Vision dysfunctions	
1260.1	Increased heartbeat		Exclude Refrac	es: ctive errors (2405.0)

Includes: Pulse too fast Rapid heartbeat

1260.2 Decreased heartbeat

> Includes: Pulse too slow Slow heart

1260.3 Irregular heartbeat

> Includes: Fluttering Jumping Racing Skipped beat

1265.0 Heart pain

> Includes: Anginal pain Heart distress Pain over heart

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

2007 NAMCS MICRO-DATA FILE DOCUMENTATION

glands

EARS

1305.1 Blindness and half vision Includes: Visual field deficit

1305.2 Diminished vision

> Includes: Blurred vision Can't see distances Difficulty reading Focus, Eyes won't (other than Infant 1335.0) Obstruction, Vision Poor vision Scotoma Trouble seeing Weak eyes

1305.3 Extraneous vision

> Includes: Cloudy vision Fuzzy vision Spots in front of eyes (floaters)

1305.4 Double vision (diplopia)

1310.0	Discharge from eye				
1310.0		T		1335.1	Contact lens problems
	1310.1	Bleeding		1335.2	Allergy
	1310.2	Tearing, watering (lacrimation)		1335.3	Swelling
	1310.3	Pus, matter, white discharge, matted			Excludes:
1315.0	Eye infection and inf	lammation			Foreign body (5600.0) Injury (5510.0) Abrasion (5410.0)
	1315.1	Pinkeye	1340.0	Symptoms of eyelids	
1320.0	Abnormal sensations	of the eye	1540.0	Symptoms of eyends	Includes: Can't close eye
	Includes Foreigr	: hody sensation			Lesion Rash
	1320.1	Pain		1340.1	Infection, inflammation, swelling
		Includes:		1340.2	Itching
		Irritation		1340.3	Mass or growth
	1320.2	Itching		1340.4	Abnormal movement
	1320.3	Burning, stinging			Includes:
	1320.4	Strain			Blinking Drooping
1325.0	Abnormal eye mover	nents			Squinting Twitching
	1325.1	Abnormal retraction	1345.0	Hearing dysfunctions	-
	1325.2	Cross-eyed	1345.0	1345.1	
	1325.3 1325.4	Pupils unequal Deviation Includes: Drifting Lazy eye Turns in			Diminished hearing Includes: Deafness Hearing loss Trouble hearing
		Turns III		1345.2	Heightened or acute hearing
1330.0	Abnormal appearanc	e of eyes		1345.3	Extraneous hearing
	1330.1	Abnormal color Includes:			Includes: Ringing (tinnitus) Excludes: Hearing things (1155.0)
		Bloodshot Red	1350.0	Discharge from ear	freating unings (1155.0)
		Excludes: Yellow (1610.2)		Includes: Fluid in	
	1330.2	Protrusion (exophthalmos)		1350.1	Bleeding
	1330.3	Cloudy, dull, hazy appearance, cloudy capsule		1350.2	Pus (purulent drainage), otorrhea
1335.0	Other and unspecifie	d symptoms referable to eye, NEC		1350.3	Swimmer's ear
	Includes				
	Defect	NOS			

Defect, NOS Eyes not focusing (infant)

1355.0	Earache, or ear infe	ction			
	1355.1	Earache, pain		1405.4	Problem with appearance of nose
		· 1			Includes:
	1355.2	Ear infection			Bump(s)
1360.0	Plugged feeling in e	ar			Too large Undesirable appearance
	Include	s:	1410.0	Sinus problems	
	Block	ed		1	
	U	estion in ear		Includes	
	Crack	•		Sinus o	
		els full eed cleaning		Sinus o	lrainage
	Ear wa	e		1410.1	Pain and pressure
	Poppi			1110.1	i uni una pressure
	-11	6			Includes:
1365.0	Other and unspecified NEC	ed symptoms referable to the ears,			Sinus headache
	Includ			1410.2	Sinus inflammation, infection
		problem		1410.2	
		achian tube dysfunction		1410.3	Sinus congestion
	Pres Red.	, redness	1415.0	Shortness of breath	
	,	,			
	1365.1	Itching		Includes	
	1265.0	Country			lessness
	1365.2	Growths or mass		Out of Sensat	ion of suffocation
	1365.3	Pulling at ears, picking at ears			
	1365.4	Abnormal size or shape, "ears stick	1420.0	Labored or difficult	breathing (dyspnea)
	1505.4	out"		Includes	3:
				Anoxia	
		Excludes:		Breath	ing stopped
		Foreign body in ear (5620.0)		Can't b	
					catch breath
(1400-14		O THE RESPIRATORY SYSTEM		Неаvy Нурох	breathing
(1400-14	())				atory distress
1400.0	Nasal congestion			Smoth	
				Troubl	e breathing
	Include		1 12 5 0		
	Dripp	y nose s mucus	1425.0	Wheezing	
		obstruction		Includes	
		asal drip			g respiration
	Runny	*		~-8	8F
	Sniffle		1430.0	Breathing problems,	NEC
	Stuffy	nose		T 1 1	
1405.0	Other symptoms of	nose		Includes Hurts t	o breathe
	Exclude	es:		1430.1	Disorders of respiratory sound,
		allergy (2635.0)			NEC
	1405.1	Nosebleed (epistaxis)			Includes: Abnormal breathing sounds
	1405.2	Sore in nose			Snoring Rales
	1405.3	Inflammation and swelling			Rattles Stridor
		Includes:			
		Infection		1430.2	Rapid breathing (hyperventilation)
		Red nose			
		Sore nose			

1435.0	Sneezing		1470.0	Abnormalities of spu	itum or phlegm
1440.0	Cough			1470.1	Coughing up blood
	Includes Conge Croup				Includes: Hemoptysis
		r's cough		1470.2	Pus in sputum
1445.0	Head cold, upper res	piratory infection (coryza)		1470.3	Excessive sputum
	Includes Cold, I				Includes: Productive
	Exclude Chest of	es: cold (1475.0)	1475.0	Congestion in chest	
1450.0	General viral infection	on		Includes Lung c Chest c	ongestion
	1450.1	Flu	1480.0	Disorders of voice	
		Includes: Grip Influenza		1480.1	Hoarseness, loss of voice
		Excludes: Croup (2600.0)			Includes: Croaky
1455.0	Symptoms referable	* · · ·		1480.2	Hypernasality
	1455.1 Soreness		1485.0 Other symptoms re NEC		rable to the respiratory system,
		Includes: Throat hurts		Includes Draina	:: ge in throat
	1455.2	Pain		1485.1 Lu	ung pain
	1455.3	Infection		1485.2 Lu	ung infection
		Includes: Throat virus		SYMPTOMS REFERABLE TO THE DIGESTIVE SY 1500-1639)	
		Excludes: Strep throat (2010.0)	1500.0	Symptoms of teeth a	nd gums
	1455.4	Irritation, scratch, tickle, itch		Includes:	
	1455.5	Swelling		Teethi	tooth (no injury) ng, one year old and over infection
	1455.6	Lump or mass		1500.1	Toothache
		Includes: Sensation of something in throat		1500.2	Gum pain
		Excludes:		1500.3	Bleeding gums
1460.0	Symptoms referable	Foreign body in throat (5615.0)	1501.0	Symptoms of the jaw	, NOS
	Includes	x:		Includes: Jaw prol	blem, unspecified
	Hypertrophy Infection		1501.1	Swelling	
	Inflam	mation		1501.2	Lump or mass

PAGE 119

1505.0	Symptoms referable	to lips	1535.0	Heartburn and indig	estion (dyspepsia)
	Includes: Sore on lip			Include Acid in s	stomach
	1505.1	Cracked, bleeding, dry, chapped	1540.0	Excessiv Gastrointestinal infe	e belching ection
	1505.2	Abnormal color		Include Intesti	s: nal virus
	1505.3	Cold sore		Stoma	
1510.0	Symptoms referable		1545.0		gastroenteritis
	Include: Blister	s: r in mouth	1545.0	Stomach and abdom	inal pain, cramps and spasms
		ng at the mouth		Include	s:
		on of mouth		Gastri	c pain
		too thick			
	White			Exclude Groin	es: pain (1055.3)
	1510.1 1510.2	Pain, burning, soreness Bleeding		1545.1	Abdominal pain, cramps, spasms,
	1510.2	Dryness		10 10.1	NOS
	1510.4	Ulcer, sore			
1515.0	Symptoms referable	to tongue			Includes: Abdominal discomfort, NO Gas pains Intestinal colic
	Include	s:			
		on tongue n tongue		1545.2	Lower abdominal pain, cramps, spasms,
	1515.1	Pain			Includes: Right lower quadrant (RLQ) pain
	1515.2	Bleeding			Left lower quadrant (LLQ) pain Inguinal pain
	1515.3 1515.4	Inflammation, infection, swelling Abnormal color, ridges, coated		1545.3	Upper abdominal pain, cramps, spasms
1520.0	Difficulty in swallow	-			Includes:
	Include				Epigastric pain Left upper quadrant (LUQ) pain
	Choki Inabili	ng ity to swallow			Pain in umbilical region Right upper quadrant (RUQ) pain
1525.0	Nausea		1565.0	Change in abdomina	al size
	Include Feel li	s: ke throwing up		1565.1	Distention, fullness, NOS
	Nervo	us stomach			Includes:
		o stomach stomach			Abdominal bloating Stomach fullness
1530.0	Vomiting			1565.2	Mass or tumor
	Include	s:			Includes:
		keep food down			Mass in groin
	Dry he Botobi				Mass, inguinal
	Retchi Throw	ng ving up		1565.3	Abdominal swelling, NOS
	Exclude	es:			
	Regurg	gitation, infants (1080.2) ing blood (1580.2)			

1570.0	Appetite, abnormal 1570.1	Excessive appetite Eats too much		1600.4	Incontinence of stool Includes:
		Always hungry			Dirty pants (encopresis) Leaking stools
	1570.2	Decreased appetite Decreased fluid intake	1605.0	Symptoms referable	to anus-rectum
		Loss of appetite Not eating Not hungry		1605.1	Pain
1575.0	Difficulty eating Excludes:				Includes: Burning Irritation
	Feeding	g problem, difficulty eating (less than ear [1080.3])		1605.2	Bleeding
1580.0	Gastrointestinal blee Includes:	ding		1605.3	Swelling or mass
	Bowel			1605.4	Itching
	1580.1	Blood in stool (melena)	1610.0	Symptoms of liver, g	gallbladder, and biliary tract
	1580.2	Vomiting blood (hematemesis)		1610.1	Pain
1585.0	Flatulence			1610.2	Jaundice
	Includes				Includes:
	Bloated	•			Yellow eyes
		tion due to gas			Yellow skin
	Excess Gas	ive gas	1615.0	Other and unspecifie system	ed symptoms referable to digestive
	Exclude	s:		•	
	Gas pa	ins (1545.1)		Includes	5:
				Abdon	ninal pressure
1590.0	Constipation			Bad br	eath
				Epigas	tric distress
1595.0	Diarrhea			Gastro	intestinal distress
				Halito	sis
	Includes			Hiccou	ıghs
	Loose	stools		Regurg	gitation (adult)
	The run	ns			aste in mouth
					ch problem
1600.0	Other symptoms or c	hanges in bowel function		Stoma	ch trouble
	1600.1	Discharge in stools		OMS REFERABLE M (1640-1829)	TO THE GENITOURINARY
		Includes: Guaiac positive Hemocult positive	1640.0	Abnormalities of uri	ne
		Mucus		Exclude	AC*
		Pus			mal findings of urine tests (6200.0)
	1600.2	Worms		1640.1	Blood in urine (hematuria)
	1600.3	Changes in size, color, shape, or odor		1640.2	Pus in urine
		Includes:		1640.3	Unusual color or odor
		Bulky stools Too narrow	1645.0	Frequency and urger	ncy of urination
		Unusual odor or color		1645.1	Excessive urination, night (nocturia)

PAGE 121

1650.0	Painful urination		1680.0	Other symptoms refe	erable to urinary tract
	Include Burnin	s: 1g, discomfort		Urethr	l stones al bleeding
1655.0	Incontinence of urin	e (enuresis)		Exclude	y irritation es: y stones or bladder stones (2705.0)
	1655.1	Involuntary urination, can't hold urine, dribbling, wetting pants	1700.0	Symptoms of penis	
1660.0		Bedwetting		1700.1	Pain, aching, soreness, tenderness, painful erection
1000.0	Other urinary dysfu			1700.2	Infection, inflammation, swelling
	Troub	le going y pressure		1700.3	Lumps, bumps, growths, warts
	Weak	Stream	1705.0	Penile discharge	
	1660.1	Retention of urine	1710.0	Symptoms of prosta	te
		Includes: Can't urinate		Include: Prosta	s: te trouble
	1660.2	Hesitancy		1710.1	Swelling
		Includes: Difficulty in starting stream		1710.2	Infection
	1660.3	Large volume	1715.0	Symptoms of the scr	rotum and testes
	1000.5	-		1715.1	Pain, aching, tenderness
		Includes: Polyuria		1715.2	Swelling, inflammation
	1660.4	Small volume		1715.3	Growths, warts, lumps, bumps
1665.0	Symptoms of bladde	er		1715.4	Itching, jock itch
	Include	s: er trouble	1720.0	Other symptoms of a Include	male reproductive system
	1665.1	Pain		Blood Early	l in semen sexual development, males
	1665.2	Infection		Painfu	ul ejaculation
	1665.3	Mass		Exclude Psycho	es: osexual problems (1160.0-1160.6)
1670.0	Symptoms of the kiel	dneys	1730.0	Absence of menstru	ation (amenorrhea)
	Include Kidne	s: y trouble			es: cted pregnancy (3200.0) 1 a period (3200.0)
	1670.1 1670.2	Pain Infection		Period	late (3200.0)
	1670.2	Mass	1735.0	Irregularity of mense	trual interval
1675.0	Urinary tract infecti	on, NOS		1735.1	Frequent
	Include			1735.2	Infrequent
		purinary infection infection		1735.3	Unpredictable

1740.0	Irregularity	of menst	rual flow	1765.0	Other vaginal sympto	oms
		1740.1	Excessively heavy (menorrhagia)		1765.1	Pain
		1740.2	Scanty flow (oligomenorrhea)		1765.2	Infection
		1740.3	Abnormal material, including clots		1765.3	Itching, burning
1745.0	Menstrual	symptoms	s, other and unspecified		1765.4	Vaginal dryness
		Includes Long p		1770.0	Vulvar disorders	
		1745.1	Premenstrual symptoms, PMS		1770.1 1770.2 1770.3	Itching and irritation, swelling Mass, lump Growth, wart, cyst, ulcer, sore
			Includes: Bloating before periods Premenstrual tension	1775.0	Pelvic symptoms	
			or irritability		1775.1	Pain
	1745.2	Painful n	nenstruation (dysmenorrhea)		1775.2	Pressure or dropping sensation
			Includes: Menstrual cramps Pain in legs and back			Includes: Feeling of uterus falling out
			during menstruation		1775.3	Infection, inflammation
1750.0	Menopausa	al sympto 1750.1	ms Early or late onset of menopause	1790.0	Problems of pregnand Includes: Fetal movement	
		1750.2	Vasomotor symptoms-hot flashes		Excludes Routine	s: e prenatal visits (3205.0)
		1750.3	Emotional symptoms, change of life problems		1790.1	Pain during pregnancy
1755.0	Uterine and	d vaginal	bleeding		1790.2	Spotting, bleeding during pregnancy
		Exclude Bleedi	s: ng during pregnancy (1790.2)		1790.3	Symptoms of onset of labor
		1755.1	Intermenstrual bleeding (metrorrhagia)			Includes: Water broke Ruptured membranes
			Includes: Bleeding between periods Breakthrough bleeding			Labor pain, contractions Labor, NOS
		1755.2	Postmenopausal bleeding	1791.0	Postpartum problems	
		1755.3	Postcoital bleeding, female		Includes Bleedin Pain	
1760.0	Vaginal dis	scharge			Excludes	
		Includes	s: /, brown, white (leukorrhea),			tum examination, routine (3215.0)
		exces		1795.0	Other symptoms refe system	rable to the female reproductive
					Includes:	xual development, female

Frequent miscarriage

1800.0	Pain or soreness of breast	1835.0	Discoloration or abnormal pigmentation
	Includes: Tenderness		Includes:
			Birthmark
1805.0	Lump or mass of breast		Blotches Circles under eyes
	Includes:		Freckles
	Bump Knot		Redness Spots
	Nodule		
	Cyst		Excludes: Blushing (1280.3)
1810.0	Other symptoms referable to breast		Bruise (see 5405.0-5430.0) Flushing (1280.3)
	1810.1 Bleeding or discharge from nipple		Jaundice (1610.2)
	or breast	1840.0	Infections of skin, NOS
	1810.2 Postpartum problems	1010.0	
	Includes:		Includes: Draining wound
	Engorgement		Infected blister
	Postpartum infection Nursing difficulties		Infected wound
	1810.3 Problems with shape or size		Excludes: Athlete's foot (2025.0)
	1810.3Problems with shape or size		Wound drainage (as treatment)
	Includes: Too large		1840.1 Infection of skin of head or neck
	Too small		area
	Sagging Uneven development		1840.2 Infection of skin of arm, hand, or finger
1815.0	Symptoms of infertility		-
	Includes:		1840.3 Infection of skin of leg, foot, or toe
	Can't get pregnant Inability to conceive	1845.0	Symptoms of skin moles
	Sterility		
1820.0	Hormone deficiency or problem		Includes: Skin mole, NOS
1825.0	Symptoms of sexual dysfunction		1845.1 Change in size or color
1025.0			č
	Includes: Dyspareunia		1845.2 Bleeding mole
	Painful intercourse	1850.0	Warts, NOS
	Excludes:		Includes:
	Psychological disorders (see 1160.0- 1160.6)		Condyloma Condyloma acuminatum
SYMP10 (1830-18	OMS REFERABLE TO THE SKIN, NAILS, AND HAIR 99)		Excludes: Plantar's warts (2015.0)
1830.0	Acne or pimples	1855.0	Other growths of skin
	Includes:		Includes:
	Bad complexion Blackheads		Callus Corns
	Blemishes		Cysts, NOS
	Breaking out Complexion, NOS		Cyst, scalp Skin growth, NOS
	Whiteheads		Skin tag

1860.0	Skin rash Includes Rash Skin er		1890.0	Symptoms referable Includes: Scalp lesion	to hair and scalp
	Skii ei	uption		1890.1	Too little hair
		s: ivy (2825.0) oak (2825.0)			Includes: Alopecia
	1860.1	Diaper rash			Baldness Falling out Losing hair
1865.0	Skin lesion, NOS			1800.2	-
	Includes	:		1890.2	Unwanted hair
	Blister				Includes:
	Face				Abnormal hairiness
	Papule Pustule				Hirsutism Superfluous hair
	Raw ar				Superfluous nan
	Sore Ulcer			1890.3	Dryness, flaky scalp, dry scalp
1870.0		·		1890.4	Itching
1870.0	Skin irritations, NEC		1895.0	Navel problems	
	1870.1	Pain	10/0.0	raver problems	
	1870.2	Itching		Includes	3:
1875.0	Swelling of skin	Tormy		Umbil Protru	icus not healing sion
	Includes Bumps	: , lumps		OMS REFERABLE ' 1 (1900-1999)	TO THE MUSCULOSKELETAL
	Nodule				
	Welts, Tumor	except hives (2825.0) , skin	These coo Module.)	des exclude all injurie	s (See Injuries and Adverse Effects
1880.0	Other symptoms refe	rable to skin			d be used with categories when there is adequate information
	Exclude		given:	·	1
	Naver	problems (1895.0)	.1	pain, ache, soreness	discomfort
	1880.1	Oiliness	.2	cramps, contracture	
			.3		nent, stiffness, tightness
	1880.2	Dryness, peeling, scaliness, roughness	.4 .5	weakness swelling (for exam	ple, one leg/one ankle; if both
	1880.3	Wrinkles	.6	legs/ankles code t lump, mass, tumor	o 1035.1)
1885.0	Symptoms referable	to nails	1900.0	Neck symptoms	
	1885.1	Infected	1905.0	Back symptoms	
	1885.2	Ingrown	1910.0	Low back symptoms	
	1885.3	Brittle, breaking, splitting, cracked,	1915.0	Hip symptoms	
		ridged	1920.0	Leg symptoms	
			1925.0	Knee symptoms	
			1930.0	Ankle symptoms	

1935.0

Foot and toe symptoms

PAGE 126

2007 NAMCS MICRO-DATA FILE DOCUMENTATION

1940.0	Shoulder symptoms	2015.0	Viral diseases
1945.0	Arm symptoms		Includes:
1050.0			Chickenpox
1950.0	Elbow symptoms		Genital warts German measles (rubella)
1955.0	Wrist symptoms		Hepatitis (infectious and NOS)
1960.0	Hand and finger symptoms		Herpes simplex Infectious mononucleosis
1900.0	Hand and finger symptoms Includes:		Measles
	Ring stuck on finger		Meningitis, Viral
1965.0	Symptoms of unspecified muscles		Mumps Plantar's warts
1705.0	Symptoms of unspectived muscles		Poliomyelitis
1970.0	Symptoms of unspecified joints		PPS Rabies
1975.0	Musculoskeletal deformities		Respiratory syncytival virus (RSV)
	Includes:		Shingles (Herpes zoster)
	Crooked back		Smallpox, NOS
	Hammer toe		Venereal warts Verruca
	Excludes:		
	Clubfoot (2960.0) Curvature of spine (2910.0)		2015.1 Human immunodeficiency virus (HIV) with or without associated conditions
	Curvature of spine (2)10.0)		(III v) with of without associated conditions
	1975.1 Bowlegged, knock-kneed		Includes: Acquired immunodeficiency
	1975.2 Posture problems		syndrome
			AIDS
	1975.3 Pigeon-toed, feet turn in		AIDS-like syndrome
1980.0	Other musculoskeletal symptoms		AIDS-related complex ARC
1700.0	ouler museuloskeletar symptoms		HIV positive
	Includes:		Excludes:
	Bone pain Stump pain		Results, follow-up of test for
	i r		HIV (6106.0)
	DISEASE MODULE		2015.2 Hemorrhagic fevers
			Includes:
INFECT	TIVE AND PARASITIC DISEASES (2001-2099)		Botulism
2005.0	Intestinal infectious diseases		Ebola Fever, Hemorrhagic
2005.0	Intestinai Infectious diseases		Marburg
	Includes:		C
	Cholera	2020.0	Sexually transmitted diseases
	Dysentery Enteritis		Includes:
	Gastroenteritis		Chlamydia
	Giardia		Gonorrhea
	Salmonella		Syphilis
2010.0	Streptococcal infection		
		2025.0	Fungus infections (mycoses)
	Includes: Streptococcal tonsillitis		Includes:
	Scarlet fever		Athlete's foot
			Candidiasis monilia
			Dermatophytoses
			Moniliasis
			Ringworm
			Thrush
			Tinea

Thrush Tinea Yeast infection

2030.0	Parasitic diseases	2120.0	Cancer, female genital tract
	Includes:		In shede as
	Ascaris		Includes:
	Leeches		Cervix
	Lice		Endometrium
	Maggots		Fallopian tube(s)
	Pinworms		Ovary(ies)
	Scabies		Uterus
	~		Vagina
2031.0	Sepsis, septicemia		Vulva
2035.0	Other and unspecified infectious and parasitic diseases	2125.0	Cancer, male genital tract
	Includes:		Includes:
	Bacterial infection		Epididymitis
	Behcet's syndrome		Penis
	Cattleman's disease		Prepuce (foreskin)
	E. Coli		Prostate
	Lyme disease		Scrotum
	PCP (pneumocystis carinii)		Spermatic Cord
	Plague		Testes
	Staphylococcal infections		
	Trichomonas vaginitis	2126.0	Cancer of urinary tract
	Tuberculosis		•
	Tularemia		Includes:
			Bladder
NEOPLA	ASMS (2100-2199)		Kidney
			Renal pelvis
Malignan	nt neoplasms:		Ureter
	k		Urethra
2100.0	Cancer, gastrointestinal tract		
	-	2130.0	Other malignant neoplasms
	Includes:		
	Colon		Includes:
	Esophagus		Bone cancer
	Liver		Metastatic carcinoma
	Small intestine		Brain tumor
	Stomach		Carcinoma-in-situ, NOS
2105.0	Contract and internet	2125.0	
2105.0	Cancer, respiratory tract	2135.0	Hodgkin's disease, lymphomas, leukemias
	Includes:		Includes:
	Bronchus		Cancer of blood
	Larynx		Lymphosarcoma
	Lung		Multiple myeloma
	Throat		Polycythemia vera
	Trachea		
		Benign a	nd uncertain nature neoplasms:
2110.0	Cancer, skin and subcutaneous tissues	-	-
		2140.0	Fibroids and other uterine neoplasms
	Includes:		Includes:
	Basal cell carcinoma		Cervical polyp
	Melanoma		Leiomyomata
	Squamous cell carcinoma		Myoma
	•		Nabothian cyst
2115.0	Cancer, breast		-

PAGE 128

2145.0 Other benign neoplasms Includes: Bartholin's cyst Dermoid cyst (ovary) Hemangioma Lipoma

Nasal polyp Nevus Ovarian cyst Rectal polyp Vaginal inclusion Vocal cord

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

2150.0 Neoplasm of uncertain nature

Includes: Myelodysplasia Plasmacytoma

Excludes: Brain tumor (2130.0)

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

2200.0 Diseases of the thyroid gland

Includes: Goiter Hyperthyroidism Hypothyroidism Myxedema Thyroid nodule Thyrotoxicosis

2205.0 Diabetes mellitus

2210.0 Gout, hyperuricemia

2215.0 Other endocrine, nutritional, metabolic and immunity diseases

Includes: Amyloidosis Barter's Syndrome Calcium deficiency Cystinosis Disorders of intestinal absorption Electrolyte imbalance Female hormone deficiency Hematochromatosis HL, elevated Hormone imbalance Hypercholesterolemia Hyperlipidemia Hypoglycemia Impaired immune system Iron deficiency Low blood sugar Malnutrition

2007 NAMCS MICRO-DATA FILE DOCUMENTATION

2215.0 Other endocrine, nutritional, metabolic and immunity Diseases (cont.) Ovarian dysfunction Poor nutrition Sugar reaction (if due to drug, code also 59050) Wilson's syndrome

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

2250.0 Anemia

Includes: Anemia, NOS Iron deficiency anemia Pernicious anemia Sickle cell anemia

2255.0 Other diseases of blood and blood-forming organs Includes: Hemophilia HS Purpura Pancytopenia Thrombocytopenia von Willebrand's disease

MENTAL DISORDERS (2300-2349)

2300.0 Organic psychoses Includes: Alcoholic psychoses Drug withdrawal Organic brain syndromes Senile dementia

2305.0 Functional psychoses

Includes: Autism Bipolar disease Depression, Major Manic-depressive psychoses Paranoid states Psychosis, NOS Schizophrenia, all types

2310.0 Neuroses

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

Excludes: Anxiety (1100.0) Depression (1110.0)

2315.0 Personality and character disorders

Tourette's syndrome

2320.0	Alcoholism Includes:	DISEAS	ES OF THE	EYE (2400-2449)
	Alcohol dependence	2400.0	Inflammate	bry diseases of the eye
	Excludes:			Includes:
	Adverse effect of alcohol (5915.0)			Blepharitis
	Alcohol abuse (1145.0)			Conjunctivitis
	Alcohol-related problems (1145.0)			Ophthalmia
				Iritis
2321.0	Drug dependence			Keratitis (includes sicca)
				Sty
	Includes:			Ulcer
	Drug addiction			
	Nicorette dependency			Excludes:
	Excludes:			Infection, NOS (1315.0)
	Abnormal drug usage (1150.0)	2405.0	Refractive	error
	Adverse effect of drug abuse (5910.0)	2403.0	Reffactive	chor
	Overdose, intentional (5820.1)			Includes:
				Anisometropia
2325.0	Mental retardation			Astigmatism
				Hyperopia, farsightedness
2330.0	Other and unspecified mental disorders			Myopia, nearsightedness
	-			Presbyopia
	Includes:			
	Adolescent adjustment reaction	2405.0	Refractive	error (continued)
	Attention deficit disorder (ADD)			Excludes:
	Attention deficit hyperactivity disorder			Test for refractive errors (3230.0)
	(ADHD)		~	
	Note: Use additional code (1125.0) for	2410.0	Cataract	
	hyperactivity.	2415.0		
	Bruxism Developing Mantal	2415.0	Glaucoma	In the data
	Dyslexia, Mental Eating disorder			Includes: Glaucoma suspect
	Grief reaction			Hypertensive ocular disease
	Sexual deviations			Increased ocular pressure
	Transient situational disturbances			mereased ocurar pressure
	Thuisiont situational distatouroes	2420.0	Other dise	ases of the eye
DISEAS	ES OF THE NERVOUS SYSTEM (2350-2399)	2.2010	o anor anor	
				Includes:
2350.0	Multiple sclerosis			Amaurosis fugax
2355.0	Parkinson's disease (paralysis agitans)			Amblyopia
2360.0	Epilepsy			Aphakia
2365.0	Migraine headache			Color blindness
2370.0	Other and unspecified diseases of the nervous system			Esotropia
	In the design			Exotropia
	Includes: Acute lateral sclerosis			Krukenberg's spindle
	Alzheimer's disease			Macular degeneration
	Bell's palsy			Pterygium Retinal detachment
	Carpal tunnel syndrome			Strabismus
	Cerebral palsy			Strabisinus
	Demyelinating disease	DISEAS	ES OF THE	EAR (2450-2499)
	Guillain-Barre	2102110	20 01 1112	
	Meningitis	2450.0	Otitis medi	ia
	Morton's neuroma			
	Muscular dystrophy			
	Myasthenia gravis			
	Neurofibromatosis			
	Neuropathy			
	Paralysis, NEC			
	Phantom leg/limb pain			
	Thoracic outlet syndrome			

PAGE 130

2455.0 Other diseases of the ear 2525.0 Cerebrovascular disease Includes: Includes: Abscess Carotid stenosis Labyrinthitis Cerebral arteriosclerosis Meniere's disease Cerebral hemorrhage Ruptured tympanic membrane Cerebral stenosis Cerebrovascular accident (CVA) Excludes: Stroke Deafness (1345.1) TIA Infection, NOS (1355.2) 2530.0 Atherosclerosis DISEASES OF THE CIRCULATORY SYSTEM (2500-2599) Includes: 2500.0 Rheumatic fever and chronic rheumatic heart disease Arteriosclerosis Hardening of the arteries Includes: Chorea Excludes: Cerebral arteriosclerosis (2525.0) 2505.0 Hypertension with involvement of target organs 2535.0 Phlebitis, thrombophlebitis Includes: HCD Includes: HCVD Phlebothrombosis Hypertensive cardiovascular disease Hypertensive heart disease 2540.0 Varicose veins Pulmonary hypertension Renal hypertension 2545.0 Hemorrhoids 2510.0 Hypertension, hypertensive Includes: Perineal tags Includes: High blood pressure 2550.0 Other disease of circulatory system Includes: 2515.0 Ischemic heart disease Aneurysm Artery diseas Includes: Blood clots Angina pectoris Pulmonary embolism Arteriosclerotic cardiovascular disease Heart disease, NOS (ACVD) Infarct(s), NOS Arteriosclerotic heart disease (ASHD) Lymphadenitis Coronary Lymphadenopathy Postphlebitic syndrome Coronary artery disease Heart attack Raynaud's disease Myocardial infarction Stasis dermatitis Temporal arteritis 2520.0 Other heart disease Vasculitis Includes: Venous insufficiency Aortic valve stenosis Arrhythmia, NOS **DISEASES OF THE RESPIRATORY SYSTEM (2600-2649)** Atrial fibrillation Cardiac arrhythmia Upper respiratory infections except tonsillitis 2600.0 Cardiac dysrhythmias Cardiomyopathy Includes: Cardiomyopathy (congestive) Croup Congestive heart failure Laryngitis Cor pulmonale Pharyngitis Heart failure Rhinitis Heart murmur Sinusitis Mitral valve prolapse Mitral valve regurgitation Excludes: Allergic rhinitis (2635.0) Paroxysmal tachycardia Premature ventricular contractions Cold (1445.0) (PVCs) Nose infection, NOS (1405.3) Ventricular tachycardia Sinus infection, NOS (1410.2) Throat infection, NOS (1455.3)

2605.0	Tonsillitis	2655.0	Appendicitis, all types
2610.0	Bronchitis	2660.0	Hernia of abdominal cavity
2620.0 2625.0	Includes: Acute bronchitis Bronchitis, NOS Chronic bronchitis Emphysema Asthma		Includes: Abdominal Femoral Hiatus Inguinal Umbilical Ventral
2630.0	Pneumonia		Vontar
	Includes:	2665.0	Diseases of the intestine and peritoneum
	Bacterial pneumonia Bronchopneumonia Pneumonitis Viral pneumonia		Includes: Abscess, rectal Adhesions (abdominal or NOS; if states post-op, code 42050 also) Crohn's disease
2635.0	Hay fever Includes: Allergic rhinitis Allergy to: Dust Pollen Animals Ragweed Nasal allergy Pollenosis		Diverticulitis Diverticulosis Fissure - rectal, anal Fistula - rectal, anal Ileitis Irritable bowel syndrome Proctitis Small bowel obstruction Spastic colitis Ulcerative colitis
2640.0	Other respiratory diseases		Excludes: Intestinal virus (1540.0)
	Includes: Bronchiolitis Bronchospasm Chronic obstructive pulmonary disease Deviated nasal septum Hemothorax Other respiratory problems Pleurisy Pneumothorax Pulmonary edema Respiratory failure	2670.0 2675.0	Diseases of the liver, gallbladder, and pancreas Includes: Biliary colic Cholecystitis Cholelithiasis (gallstones) Cirrhosis Liver diseases Pancreatitis Other diseases of digestive system, NEC
DISEASI	SARS		Includes: Mandibular cyst
DISEASI	ES OF THE DIGESTIVE SYSTEM (2650-2699)		2675.1 Dental abscess
2650.0	Diseases of the esophagus, stomach, and duodenum Includes: Barrett's esophagus Duodenal ulcer Esophageal ulcer Esophagitis Gastritis	DISEAS	2675.2 Dental cavities 2675.3 Canker sore 2675.4 Stomatitis 2675.5 Temperomandibular joint (TMJ) pain, Temperomandibular joint (TMJ) syndrome SES OF THE GENITOURINARY SYSTEM (2700-2799)
	GERD Peptic ulcer Reflux	2700.0	Cystitis

Excludes: Bladder infection (1665.2)

Excludes: Gastroenteritis (2005.0) Stomach flu (1540.0)

Stomach ulcer

2730.0 Other diseases of female reproductive system Includes: Cervical dysplasia Cystocele Dysfunctional uterine bleeding Endometriosis Polycystic ovaries Procidentia uteri Prolapse of uterus Rectal-vaginal fistula Rectocele Vulvitis

> 2735.0 Diagnosed complications of pregnancy and puerperium (Double code when possible, for example Htn 2510.0 and pregnant 2735.0) Do not code with 3205.0

> > Includes: Advanced maternal age (if age<35, use 3205.0) Diabetes during pregnancy Ectopic pregnancy Edema of pregnancy Fetal death in utero Gallstones High blood pressure during pregnancy High risk pregnancy Hyperemesis Intrauterine growth retardation (IUGR) Miscarriage (if patient is pregnant) Multiple pregnancy Placenta previa Post dates Previous C-Section RH sensitization Spontaneous abortion Threatened abortion Toxemia, Adolescent Twins Young maternal age

Excludes: Abortion induced (3520.0)

2736.0 Other diseases of the genitourinary system, NEC

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

Carbuncle, furuncle, boil, cellulitis, abscess, NEC

2805.0	Impetigo
2810.0	Seborrheic dermatitis Includes:
	Dandruff

2815.0	Eczema and	l dermatitis, NOS
		Includes:
		Allergic dermatitis
2820.0	Psoriasis	-

2800.0

2705.0 Urinary tract disease except cystitis

> Includes: Bladder stones Glomerulonephritis Glomerulonephrosis Kidney cyst Kidney stones Neurogenic bladder Pyelonephritis Renal failure Ureteral calculus Urethritis Urolithiasis

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

2710.0 Diseases of the male genital organs

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

Excludes: Prostate infection (1710.2)

2715.0 Fibrocystic and other diseases of breast

> Includes: Abscess Mastitis

Excludes: Cancer (2115.0) Infection (1810.0)

2720.0 Pelvic inflammatory disease (PID)

> Includes: Oophoritis Pelvic peritonitis Salpingitis

Excludes: Pelvic infection, NOS (1775.3)

2725.0 Cervicitis, vaginitis

> Includes: Cervical erosion Vulvovaginitis

2825.0 Other diseases of the skin

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

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

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

2900.0 Arthritis

Includes: Osteoarthritis Rheumatism, NOS Rheumatoid arthritis Septic

2905.0 Nonarticular rheumatism

Includes: Bursitis Ganglion cyst Lumbago Myositis Polymyalgia theumatica Radiculitis/Radiculopathy Synovitis Tendinitis Tenosynovitis

Excludes: Rheumatism, NOS (2900.0)

2910.0 Other musculoskeletal or connective tissue disease

Includes: Baker's cyst Bone cysts Bone spur Bunions Cervical myelopathy Curvatures of spine Degenerative disc diseases Dupuytren's contracture Exostosis Kyphoscoliosis Kyphosis 2910.0 Other musculoskeletal or connective tissue disease (cont.)

Osteomyelitis Osteoporosis Paget's Plantar fistula Scleroderma Scoliosis Sjogen's Slipped disc Spondylosis Spur, NOS Systemic lupus erythematosus

CONGENITAL ANOMALIES (2950-2979)

- 2950.0 Congenital anomalies of heart and circulatory system
- 2955.0 Undescended testicles

Includes: Hypospadias

2960.0 Other and unspecified congenital anomalies

Includes: Absence of organs Blocked tear duct Cleft palate Cleft lip Clubfoot Congenital dislocation of hip Deformed earlobe Down syndrome Duplication of organs Dysmorphic Harelip Mitochondrial disorders Turner's Syndrome

PERINATAL MORBIDITY AND MORTALITY CONDITIONS (2980-2999)

2980.0 Prematurity

Includes: Late effects of prematurity Premature infant

2990.0 All other perinatal conditions

DIAGNOSTIC, SCREENING, AND PREVENTIVE MODULE

GENERAL EXAMINATIONS (3100-3199)

3100.0 General medical examination

Includes: Annual exam Checkup, NOS Checkup, routine

3100.0 General medical examination (cont.) 3225.0 Gynecological examination Evaluation, NOS Includes: General exam Pelvic exam Healthy adult Healthy child (includes 1 year and older) Excludes: History and physical (H&P) Examination for birth control Multiphasic screening exam medication (3505.0) Physical exam Examination for birth control, NOS Preventive (3500.0) Regular exam Examination involving IUD (3510.0) Routine exam Repeat or abnormal Pap smear (6300.0) Excludes: 3230.0 Administrative exam (7100.0-7140.0) Eye examination Followup visit (4800.0) Gynecological exam (3225.0) Includes: Health care maintenance (under 1 year) Check contacts Pre-op exam (4200.0) Check glasses Prenatal exam (3205.0) For contacts Progress visit (4800.0) For glasses Glasses, NOS 3105.0 Well baby examination (any child under 1 year of Grid Need new glasses age) No change in vision 3130.0 General psychiatric or psychological examination Routine ophthalmologic exam Test for nearsightedness, farsightedness (mental health) To test my eyes Includes: Vision about the same Psychological testing Vision stable Vision test Excludes: Visual field test Court- or school-ordered examination (7140.0)Excludes: Fitting glasses or contacts (4515.0) SPECIAL EXAMINATIONS (3200-3299) 3235.0 Heart examination 3200.0 Pregnancy, unconfirmed Includes: Includes: Cardiac care HCG Cardiac checkup Late menses Icode 4800.0 if followup Heart checkup indicated) Late menstruation 3240.0 Other special examination Might be pregnant Missed period Includes: Period late AICD check Possible pregnancy Check tubes Pregnancy test Examination of functioning internal prosthetic devices: implants, 3205.0 Prenatal examination, routine stents, shunts, etc. Hearing aid Includes: ICD check Normal antepartum visit Neurological exam Pregnancy, NOS Pacemaker check Routine obstetrical care Thyroid 3215.0 Postpartum examination, routine **DIAGNOSTIC TESTS (3300-3399)** 3220.0 Breast examination 3300.0 Sensitization test Excludes: Includes: Breast thermography (3340.0) Allergy test Mammography (3340.0)

Xerography (3340.0)

Excludes: To check results of skin tests (6600.0)

3305.0	Skin immunity test	3330.0	Diagnostic endoscopies
	Includes:		
	PPD test		Includes:
	Tuberculin test		Arthroscopy
			Cystoscopy
	Excludes:		Laparoscopy
	To check results of skin tests (6600.0)		Proctoscopy
			Sigmoidoscopy
3310.0	Glucose level determination (Hgb A1C-		
	glycosolated hemoglobin)	3335.0	Biopsies
		3340.0	Mammography, xerography, breast thermography
	Includes:		
	Blood sugar test		Excludes:
	Check sugar		Breast examination (3220.0)
	Glucose tolerance test	3345.0	Disensatia radialaat
	Test for diabetes	5545.0	Diagnostic radiology
3314.0	Human immunodeficiency virus (HIV) test		Includes:
5514.0	Human minunodenciency virus (III v) test		Angiogram/angiography
	Includes:		Bone density
	AIDS test		Bone scan
	ADS list		CT scan
	Excludes:		Hysterosalpingogram
	To check results of human		IVP
	immunodeficiency		MRI
	virus test (6106.0)		Myelogram
	(1103.057 (0100.0)		Radioisotope scanning
3315.0	Other blood test		Venogram
	Includes:		X-ray
	Blood alcohol		
	Blood count	3350.0	EKG, ECG, electrocardiogram, treadmill, stress testing,
	Blood culture		holter monitor
	Blood test, NOS		
	Blood thinning test	3355.0	EEG, electroencephalogram
	CBC		
	Check cholesterol	3360.0	Hearing test
	Prothrombin time		
	PSA		Includes:
	Sickle cell anemia test		Hearing exam
			_
	Excludes:	3365.0	Pap smear
	Premarital blood test (7135.1)	2266.0	
	2215.1 Dlast test for severally	3366.0	Nasal swab
	3315.1 Blood test for sexually	3370.0	Other and unspecified diagnostic tests
	transmitted disease	5570.0	Includes:
3320.0	Blood pressure test		Amniocentesis
5520.0	Includes:		
	Blood pressure check		Centesis Cervicitis
	Check blood pressure		Drug screening
	check blobd pressure		Echocardiogram
3325.0	Urine test		Electronic fetal monitoring
5525.0			Exposure to PID
	Includes:		Lab test, NOS
	Estriol for fetal evaluation		Pulmonary function test
	Test urine for sugar		Spinal tap
	Urinalysis		Ultrasound
	Urine culture		
			3370.1 Glaucoma test
			Includes:
			ATN check
			Check intraocular pressure
			3370.2 Throat culture

3370.3 Heart catheterization

3370.4 Other cultures Includes: Skin

OTHER SCREENING AND PREVENTIVE PROCEDURES (3400-3499)

3400.0 Prophylactic inoculations

Includes: Flu shot F/U vaccine Immunization Influenza shot Rhogam Tetanus shot Vaccination

3405.0 Exposure to sexually transmitted disease (STD)

Includes: Check for STD May have STD

3408.0 Possible HIV

3409.0 Exposure to human immunodeficiency virus (HIV)

Includes: Exposed to AIDS

3410.0 Exposure to other infectious diseases

Includes: Chickenpox Infectious hepatitis Measles Mumps Pathogens Tuberculosis

3415.0 Exposure to bodily fluids of another person, NOS

Includes: Blood exposure Exposure to another's secretions

FAMILY PLANNING (3500-3599)

3500.0 Family Planning, NOS

Includes: Birth control, NOS Counseling, examinations, and general advice regarding: Genetics Preop/counseling for vasectomy Sterilization Fertility, NOS Unwanted pregnancy, contraceptive, NOS Excludes: Procedures performed [See Counseling and examinations for pregnancy interruption (3515.0) through Artificial insemination (3530.0)] Specified types of birth control: Birth control medication (3505.0)IUD (3510.0)

3505.0 Contraceptive medication

Includes:

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

3510.0 Contraceptive device

Includes: Diaphragm insertion, removal, checkup IUD insertion, removal, checkup

3515.0 Counseling and examinations for pregnancy interruption

> Includes: Evaluation for an arrangement for abortion Wants abortion

- 3520.0 Abortion to be performed (at this visit)
- 3525.0 Sterilization and sterilization reversal to be performed (at this visit)

Includes: Male - vasectomy Female - tubal ligation

3530.0	Artificial insemination (at this visit)	4115.0	Medication, o
	Includes:		
	Assisted reproductive technologies Fetal reduction		I
	Intrauterine insemination		
	In vitro fertilization		
3535.0	Preconception counseling and education		
	Includes:		
	Counseling, examinations, and general		
	advice regarding:		
	Artificial insemination		
	Desires pregnancy		
	Egg donor		
	Infertility Monitoring cycles		
	Semen analysis		
	Sperm donor		
	Sperm washing		E
	Tubal reversal		
	TREATMENT MODULE		
MEDICI			
	ATIONS (4100-4199)		
4100.0	Allergy medication		
	Includes:		
	Allergy shots		ERATIVE ANI
	Allergy treatments	4299)	
	Excludes:	4200.0	Preoperative
	Allergy testing (3300.0)		of surgery
	• • • •		
4110.0	Injections		I
	Includes:		
	Antibiotics		
	Fat		
	Hormones		
	Injections, NOS	4205.0	Postoperative
	Iron		
	Lupron Depot Shots, NOS		I
	Shots, NOS Steroid		
	Vitamins		
	Excludes:		
	Allergy shots (4100.0) Immunizations (3400.0)		
	Inoculations (3400.0)		
	Vaccinations (3400.0)		
4111.0	Noncompliance with medication therapy		
4111.0	Noncomphance with medication therapy		
			E

on, other and	l unspecified	kinds

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

Excludes: Antibiotic medication injections (4110.0) Birth control medication (3505.0) Eyeglass prescription (see Eye examination (3230.0) and Fitting glasses and contact lenses (4515.0))

D POSTOPERATIVE CARE (4200-

visit for specified and unspecified types

Includes: Discuss any surgery Discussion of cosmetic surgery Pre-op examination Surgical consultation

visit

Includes: Check graft Check implant Check shunt Check stoma Check surgical wound Clotted graft/shunt Endoscopy follow-up F/U Endoscopy (immediate post-op care) Postop care Postop pain (code 1060.1 first) Postop suture removal (code suture removal first) Suture removal follow-up

Excludes:

Complications of surgical or medical procedures and treatments (5930.0)

SPECIF	IC TYPES OF THERAPY (4400-4499)	4510.0	Urinary tract instrumentation and catheterization
4400.0	Physical medicine and rehabilitation Includes: Back adjustment Cardiac rehabilitation Heat therapy Hydrotherapy Occupational therapy Physical therapy		Includes: Flushed urinary catheter Urethral dilation Urinary catheterization Excludes: Cystoscopy [see Diagnostic endoscopies (3330.0)]
4401.0 4405.0	Pulmonary rehabilitation Recreational therapy Speech therapy Therapeutic exercises Vocational rehabilitation Cardiopulmonary resuscitation (CPR) Respiratory therapy Includes:	4515.0	Fitting glasses and contact lenses Includes: Broken or lost glasses or contacts Clean glasses or contacts Pick up glasses or contacts Prescription renewal Excludes: Eye examination (3230.0)
	Asthma treatment Inhalation therapy Inhaler/breathing treatment	4518.0	Detoxification 4518.1 Alcohol
4410.0 4415.0 4420.0 4425.0	Psychotherapy Includes: Group counseling Includes: 12 Step programs (e.g. AA, Overeaters Anonymous, etc.) Family therapy Group therapy Psychoanalysis Radiation therapy Includes treatment of s/p Acupuncture Chemotherapy	4520.0	4518.2 Drug Minor surgery Includes: Ear tube removal Ears pierced Joint manipulation Norplant insertion/removal (also code 3505.0) Ring removal Tattoo removal Tube removal 4520.1 Wart removed Major surgery
	IC THERAPEUTIC PROCEDURES (4500-4599)		Includes: Aspiration bone marrow
4500.0	Tube insertion Includes: Chest tube Flushed catheter G-tube PEG, Replacement PICC Port-a-cath placement Trach replacement Excludes: Flushed urinary catheter 4510.0	4525.0	Balloon angiogram Cervical conization Cholecystectomy Laser surgery, eye Lens extraction Liver biopsy Percutaneous transluminal angiogram Polypectomy PTCA (balloon) Kidney dialysis
4505.0	Cauterization, all sites		
4507.0	IV therapy, infusion		

4529.0	Internal prosthetic devices (fit, adjust, remove) Includes: Breast implants	4560.0	Other specific therapeutic procedures, NEC (cont.) Sclerotherapy
	Cardiac pacemaker		Skin rejuvenation
	Joint prostheses		TENS unit, NOS
	VNS		Ultraviolet treatment
			Wound care, NOS
	Excludes: Complications of surgical or medical procedures and treatments		Excludes: Pinched nerve (1240.0)
	(5930.0)	4565.0	Transplanta NOS
4530.0	External prosthetic devices, artificial body parts (fit,	4565.0	Transplants, NOS
4550.0	adjust, remove)		Includes:
			Stem cell
	Excludes:		
	Prosthetic complications (5930.0)		4565.1 Failure
4535.0	Corrective appliances		Includes:
			Bone marrow
	Includes:		
	Fitting and adjusting:		4565.2 Rejection
	Back brace Dental cap, crown	MEDIC	AL COUNSELING (4600-4600)
	Earplugs	MEDIC	AL COUNSELING (4600-4699)
	Eye patch	4600.0	Diet and nutritional counseling
	Hearing aid	1000.0	Diet and nutritional counsening
	Jobst or ted stockings		Includes:
	Leg brace		Check weight
	Neck brace		Counseling for weight reduction
	Orthopedic shoes		
	Walking cane	4604.0	Human immunodeficiency virus (HIV) counseling
4540.0	Cast, splint - application, removal		Includes:
4540.0	cust, spinit application, teniovai		AIDS counseling
4545.0	Dressing, bandage - application, change, packing		AIDS information, education
			ARC counseling
4550.0	Irrigation, lavage		Worried, concerned about getting,
			transmitting AIDS
4555.0	Suture - insertion, removal		
		4605.0	Medical Counseling, NOS
4556.0	Cosmetic injection, NOS		T 1 1
	4556 1 Determinisation		Includes: Alcohol
	4556.1 Botox injection 4556.2 Collagen injection		Disease counseling
	4550.2 Conagen injection		Drug
4560.0	Other specific therapeutic procedures, NEC		Drug rehabilitation
	Includes:		Locate advocate
	Adjust device		Medical consultation
	Apheresis		New patient
	Cardioversion		Open house
	Cryotherapy		Patient education
	Cut toe nails		Personal problem
	Debridement Earwick		Questions about condition Referral
	ECT		Relapse prevention
	Enema		Schedule test or study
	Epidural		Second opinion
	Eye exercises		To learn about a condition
	Insulin pump		To meet doctor
	Joint injection		Trouble toilet training
	Nerve block		Wants to talk to doctor
	Pessary, Change/Clean		
	Phototherapy		

	4605.1 Family history of cardiovascular disease	4725.0	Occupational problems
	4605.2 Family history of cancer		Includes: Job dissatisfaction
	4605.3 Family history of diabetes		Out of work Problem with boss or coworkers Unable to work
	4605.4 Family history of other disease or condition		Unemployment
SOCIAL	PROBLEM COUNSELING (4700-4799)	4730.0	Social adjustment problems
4700.0	Economic problem		Includes: Discrimination problems Don't have any friends
	Includes:		Loneliness
	Can't pay bills Too little income		Neighborhood and community relations problems Social isolation
4702.0	Problem with access to medical care		
	Includes:	4735.0	Legal problems
	Blocked access to medical care Care not covered by insurance Insurance problem		Includes: Imprisonment, prosecution Lawsuits, litigation
	Limited access to medical care		-
4705.0	Marital problems		4735.1 Police involvement in outpatient visit circumstances
	Includes:		Includes: Brought in by police
	Alcoholic spouse Custody battle	47.40.0	Police called
	Divorce, desertion, separation Marriage counseling, NOS	4740.0	Other social problems
	Premarital counseling		Includes:
	Problem with husband, wife		Disabled
4710.0	Parent-child problems		Disappointment in others Disasters [Other person] is drunk
	Includes:		Homeless
	Adopted or foster child Concern about childhood behavior		Housing and clothing problems Pregnancy out-of-wedlock
	Discipline		Problem with boyfriend or girlfriend
	Maturation problems		Problems of aging
	Oppositonal defiance Working mother		Relationship problems
4715.0	Other problems of family relationship	PROGR	ESS VISIT, NEC (4800-4899)
	Includes: Aged parents or in-laws	4800.0	Progress visit, NOS (Use only when the only information given is progress or followup)
	Brother sister difficulty		
	Divorced parents Family fights and disruptions		Includes:
	Problems with relatives		Chronic, NOS Followup, NOS
			Getting better
4720.0	Educational problems		I'm better I'm the same
	Includes:		I'm worse
	Absenteeism, truancy		Monthly visit
	Hates school Problems with teachers		Ongoing treatment, NOS
	Problems with teachers School behavior problems		Recheck Revisit
	······································		Routine followup
			Same problems, NOS
			Touching base

4800.0	Progress visit, NOS (Use only when the only information given is progress or followup) (cont.)	5045.0	Hand and fingers
	Excludes:	5050.0	Fracture, other and unspecified
	Excludes.	Sprains ar	nd strains:
	Followup, disease (Code to disease) Followup, injury (Code to injury) Followup, symptom (Code to symptom)	5105.0	Cervical spine, neck
	Followup, test results (Code to 6100.0- 6700.0)		Includes: Whiplash
	General checkup (3100.0) Postoperative followup (4205.0)	5110.0	Back
	Preventive medicine (3100.0)	5115.0	Knee
INJ	URIES AND ADVERSE EFFECTS MODULE	5120.0	Ankle
		5125.0	Wrist
	BY TYPE AND/OR LOCATION (5001-5799)	5130.0	Sprain or strain, other and unspecified
Fractures a	and dislocations:	Laceration	ns and cuts:
5005.0	Head and face		
	Includes: Facial bones Jaw	5205.0	Head and neck area Excludes: Face (5210.0)
	Nose Skull	5210.0	Facial area
5010.0	Spinal column		Includes: Eye Ear
	Includes:		Forehead
	Back Neck		Lip Nose
	Vertebrae		Nose
5015.0	Trunk area, except spinal column	5215.0	Trunk area Includes: Perineum
	Includes:		i emicum
	Clavicle Collarbone	5220.0	Lower extremity
	Pelvic scapula		Includes:
	Rib		Ankle Foot
5020.0	Leg Includes:	5225.0	Upper extremity
	Femur		
	Fibula Hip		Includes: Arm
	Knee		Fingers
5025.0	Tibia Ankle		Hand Wrist
5030.0	Foot and toes	5230.0	Laceration and cuts, site unspecified
5035.0	Arm	Puncture	
5055.0			
	Includes: Elbow	5305.0	Head, neck and facial area
	Humerus Radius	5310.0	Trunk area
	Shoulder Ulna	5315.0	Lower extremity
5040.0	Wrist	5320.0	Upper extremity

PAGE 142

5325.0	Puncture wound, site unspecified	5555.0	Arm
	Includes:	5560.0	Elbow
	Needlestick, NOS	5565.0	Wrist
Contusion	ns, abrasions, and bruises:	5570.0	Hand and finger(s)
5405.0	Head, neck, and face	5575.0	Injury, multiple or unspecified
	Excludes: Eye (5410.0)		Includes post-traumatic (NOS) headache (and 1210.0)
5410.0	Eye	Foreign b	body:
	Includes:	5600.0	Eye
	Black eye	5605.0	Nose
	Contusion Corneal abrasion	5610.0	Skin
5415.0	Trunk area	5615.0	Digestive tract (if choking present, code 15200 first)
	Includes:		Includes: Mouth
	Injury to scrotum		Rectum
5420.0	Lower extremity		Throat
5425.0	Upper extremity	5616.0	Respiratory tract
5430.0	Contusion, abrasion, bruise, site unspecified	5620.0	Other and unspecified sites
<u>Injury, ot</u>	her and unspecified type:	Burns, al	l degrees:
5505.0	Head, neck, and face	5705.0	Head, neck, and face
	Includes: Post concussive syndrome	5705.0	Includes eyes
	Tooth fracture	5710.0	Trunk area
	Tooth knocked out Traumatic brain injury (TBI)	5715.0	Extremities
	Excludes:		Includes:
	Loose tooth (no injury) 1500.0		Lower Upper
5510.0	Eye	5720.0	Burn, site unspecified
5515.0	Back	5750.0	Sunburn, windburn
	Includes: Tail bone		Excludes: Sun poisoning 5920.0
5520.0	Chest and abdomen	Bites:	Sui poisoning 5720.0
5520.0			
	Includes: Internal injuries	5755.0	Insect
5525.0	Hip		Includes: Sting
5530.0	Leg		Tick
5535.0	Knee	5760.0	Animal ,snake, human
5540.0	Ankle		
5545.0	Foot and toe(s)		
5550.0	Shoulder		

INJURY,	NOS (5800-5899)	5830.0	Rape
5800.0	Late effects of an old injury		Includes: Sexual assault
	Includes: Deformities		5830.1 Sexual abuse
5805.0	Scars Motor vehicle accident, type of injury unspecified		Includes: Molestation
	Includes: Auto accident Car accident	5835.0	Dead on arrival (DOA)
5810.0	Motorcycle accident Accident, NOS		Includes: Death
	Includes: Fall, type or location of injury unspecified		Excludes: Cardiac arrest (5837.0) Cardiopulmonary arrest (5839.0) Respiratory arrest (5836.0)
5815.0	Violence, NOS	5836.0	Respiratory arrest
	Includes: Abuse Beat up In a fight Stabbing Excludes:	3830.0	Excludes: Cardiac arrest (5837.0) Cardiopulmonary arrest (5839.0) Dead on arrival (5835.0) Drowning (5838.0) Near drowning (5838.0)
	Violence against oneself (5818.0, 5820.0)	5837.0	Cardiac arrest Includes:
	5815.1 Child abuse or neglect		Code blue
	Excludes: Child sexual abuse (5830.1)		Excludes: Cardiopulmonary arrest (5839.0) CPR (4401.0)
	5815.2 Battered spouse		Dead on arrival (5835.0) Respiratory arrest (5836.0)
	5815.3 Elder abuse	5838.0	Drowning
5818.0	5815.4 Gunshot wound Intentional self-mutilation		Includes: Near drowning
5010.0	Includes: Self-abuse Tried to hurt self	5839.0	Cardiopulmonary arrest Excludes: Cardiac arrest (5837.0) Respiratory arrest (5836.0)
	Excludes: Suicide attempt (5820.0)	5840.0	Unconscious on arrival
5820.0	Suicide attempt Includes: Found in car with motor running Hanging oneself Slashed wrists Code also: Laceration of wrists (5225.0) Stabbed oneself		Includes: Coma Found unconscious Knocked out Shock Stupor Unresponsive
	5820.1 Overdose, intentional Excludes: Unintentional overdose (5910.0)	5841.0	State of consciousness not specified Includes: Brought in by ambulance Found on floor Verbally unresponsive

5842.0 Altered level of consciousness, NOS

Excludes: Adverse effect of alcohol 5915.0 Adverse effect of drug abuse 5910.0

POISONING AND ADVERSE EFFECTS (5900-5999)

- 5900.0 Unintentional poisoning
 - 5900.1 Food poisoning
 - 5900.2 Ingestion, inhalation, or exposure to potentially poisonous products
 - Includes: Heavy metal toxicity Household products Chemicals Drugs Gas Smoke Lead Mace in eyes

5905.0 Adverse effect of medication

Includes: Allergy to medication Anaphylactic shock Bad reaction to prescribed medication Penicillin allergy Sugar too low (insulin reaction) (Code 2215.0 also)

5910.0 Adverse effect of drug abuse

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

purposes Unintentional overdose

Excludes: Intentional overdose (5820.1)

5915.0 Adverse effect of alcohol

Includes: Acute intoxication Drunk Intoxication

2007 NAMCS MICRO-DATA FILE DOCUMENTATION

5920.0 Adverse effects of environment

Includes: Air pollution Frostbite Hypothermia Noise pollution Sun damage Sun poisoning Too hot Water pollution

5921.0 Adverse effects of second-hand smoke (Code also symptomatic conditions related to second-hand smoke exposure, for example, bronchitis, emphysema) Includes: Persons living with heavy smoker Exposure in public buildings

Work environment exposure

5922.0 Adverse effects of terrorism and bioterrorism Includes: Anthrax, skin Anthrax, respiratory (inhalation) Bombing Food/water contamination Smallpox

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

- 5925.0 Adverse effects, other and unspecified Includes: Seasickness
- 5930.0 Complications of surgical or medical procedures and treatments

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

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

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

2007 NAMCS MICRO-DATA FILE DOCUMENTATION

TEST RESULTS MODULE		6600.0	For results of skin tests		
(Includes all abnormal test results and followups for test results)		6700.0	For other and unspecified test results		
6100.0	For results of blood glucose tests Includes: Abnormal glucose tolerance test Elevated blood sugar Glucose control High blood sugar Hyperglycemia Sugar in blood		Includes: Abnormal EEG Abnormal lab test results, NOS Abnormal scans Abnormal pulmonary function test Colonoscopy results CT scans Failed hearing, vision MRI Results of biopsy Results of fetal evaluation tests To discuss test results with physician Ultrasonography results		
6105.0	For results of cholesterol and triglyceride tests Includes: High cholesterol				
			ADMINISTRATIVE MODULE		
6106.0	For results of test for human immunodeficiency virus (HIV)	7100.0	Physical examination employment	n required for school or	
	Includes: Results of AIDS test		7100.1	Physical examination required for employment	
	Excludes: History of positive HIV test findings (2015.1)			Includes: Preemployment examination Required company physical Return to work checkup	
6110.0	For other findings of blood tests			Teacher's certificate physical	
	Includes: Elevated sed rate		7100.2	Executive physical examination	
	Low potassium Positive blood culture Positive serology, VDRL PSA results		7100.3	Physical examination required for school Includes:	
6200.0	For results of urine tests			College Day care center Grade school	
	Includes: Abnormal urinalysis Positive urine culture			High school Nursery school	
6200.0	Sugar in urine		7100.4	Physical examination for extracurricular activities	
6300.0	For cytology findings Includes: Abnormal Pap smear Atypical Pap smear For results of Pap smear of cervix or			Includes: Athletics Boy Scouts or Girl Scouts Camp Little League	
	other area Positive Pap smear Repeat Pap smear	7120.0	Driver's license exar	nination, DOT	
6400.0	For radiological findings	7125.0	Insurance examination		
		7130.0	Disability examination	on	
	Includes: Abnormal X-ray X-ray results Xeromammography results		Includes: Evaluation of disability Social Security examination		
6500.0	For results of EKG, Holter monitor review	7131.0	Worker's comp exar	n	

7135.0 Premarital examination

7135.1 Premarital blood test

7137.0 Direct admission to hospital

Includes: Admit to hospital Direct admit For admission Here for admission Involuntary commitment Pre admission exaluation Pre admission exam Voluntary commitment

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

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

UNCODABLE ENTRIES

- 8990.0 Problems, complaints, NEC
- 8991.0 Patient unable to speak English
- 8993.0 Patient (or patient's spokesperson) refused care

Includes: Left AMA Walked out

8997.0 Entry of "none" or "no complaint"

Includes: Asymptomatic, NOS Doing well Feeling good

- 8998.0 Insufficient information
- 8999.0 Illegible entry

SPECIAL CODE

-9 Blank

APPENDIX III

A. GENERIC CODES AND NAMES IN NUMERIC ORDER

This list reflects the new classification being used to code drugs reported in NAMCS. Starting with 2006 data, the Multum Lexicon Plus system was used to classify drugs in NAMCS. 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 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 for which ingredients could not be determined. Drugs starting with "a" or "c" were assigned codes by NCHS. Ingredients are separated by semi-colons.

a07001 FOLIC ACID: NIACIN: VITAMIN E: PYRIDOXINE: CYANOCOBALAMIN a07002 CHOLECALCIFEROL-CALCIUM CITRATE a07008 ZINC: VITAMINS: FOLIC ACID: POTASSIUM IODIDE: MAGNESIUM AMINO ACIDS CHELATE a07009 PASSIFLORA EXTRACT: MAGNESIUM CITRATE: CALCIUM LACTATE: VALERIAN a07012 CINNAMON OIL; MINERALS; ANTIOXIDANTS; VITAMINS; GREEN TEA a07013 PANTOTHENIC ACID-PYRIDOXINE a07014 BOSWELLIN; ASCORBIC ACID; CHOLECALCIFEROL; GLUCOSAMINE a07015 PANTOTHENIC ACID; FOLIC ACID; NIACIN; ARGININE; GINKGO a07021 VITAMIN K; VITAMIN A; VITAMIN E; ASCORBIC ACID; CHOLECALCIFEROL a07022 ZINC; VITAMIN A; VITAMIN E; RIBOFLAVIN; ASCORBIC ACID a07023 CALCIUM SALTS; VITAMIN A; RIBOFLAVIN; MAGNESIUM OXIDE; IODINE a07024 ZINC CITRATE; VITAMIN A; VITAMIN E; ASCORBIC ACID; MAGNESIUM OXIDE a07025 ZINC; ASCORBIC ACID; ECHINACEA a07028 DIETARY SUPPLEMENT; VITAMINS; HERBAL PRODUCTS; GINKGO a07030 KONJAC GLUCOMANNAN-DIETARY SUPPLEMENT a07033 HIV VACCINE a07034 GELATIN; CHONDROITIN SULFATE; GLUCOSAMINE a07035 ANALGESICS; DIETARY SUPPLEMENT; ANTIOXIDANTS a07037 CINNAMON a07042 DIETARY SUPPLEMENT-HERBAL PRODUCTS a07043 CAPSAICIN TOPICAL; MENTHOL TOPICAL; WITCH HAZEL TOPICAL a07047 MUSHROOM EXTRACT a07048 POLIDOCHANOL a07050 ANGIOTENSIN II RECEPTOR BLOCKERS a07051 RHEUMATOID ARTHRITIS VACCINE a07052 COENZYME Q10 a07053 MURAMYL TRIPEPTIDE PHOSPHATIDYLETHANOLAMINE (MTP-PE) a07056 OAK EXTRACT a07059 DIETHYLCARBAMAZINE a07060 CORTICOTROPIN RELEASING HORMONE (CRH) a07061 XANTHAN GUM a07064 ISOPENTYLHYDROCUPREINE a07065 CURCUMIN a07067 CHENODEOXYCHOLIC ACID a07068 ETHYL-APOVINCAMINATE a07069 CYANOACRYLATE a07070 ASCLEPIAS a07071 TYROSINE a07072 DISOPROMINE a07073 TICILIMUMAB a10001 ACACIA GUM; HYDROCORTISONE; LEVONORGESTREL; NEOMYCIN; POLYMYXIN B SULFATE a10004 ACETONE; ETHANOL; FUCHSIN; PHENOL TOPICAL; RESORCINOL TOPICAL a10011 ACETONE-ISOPROPYL ALCOHOL TOPICAL a10019 AMINOACETIC ACID; AMYLASE; CALCIUM CARBONATE; CELLULASE; PROTEINASE

a10022 AMINOACETIC ACID-CALCIUM CARBONATE a10032 ANETHOLE; BENZOCAINE TOPICAL; DEXTROMETHORPHAN; MENTHOL; PEPPERMINT a10042 BENACTYZINE-MEPROBAMATE a10050 BENZYL ALCOHOL; MENTHOL; PEPPERMINT a10051 BENZYL ALCOHOL; SOYBEAN OIL; STARCH TOPICAL a10054 BENZYL ALCOHOL-LIDOCAINE a10067 ASCORBIC ACID; BIOTIN; FOLIC ACID; VITAMIN B COMPLEX; ZINC ACETATE a10068 ASCORBIC ACID; BIOTIN; VITAMIN B COMPLEX a10083 BALSAM PERU TOPICAL; BENZOCAINE TOPICAL; BISMUTH ANTI-DIARRHEA; RESORCINOL TOPICAL a10102 ASCORBIC ACID; CALCIUM REPLACEMENT; IRON PREPARATIONS; PYRIDOXINE; VITAMIN A a10103 CALCIUM REPLACEMENT; ERGOCALCIFEROL; IRON PREPARATIONS a10111 CALCIUM REPLACEMENT-SODIUM FLUORIDE a10114 CALCIUM REPLACEMENT; ERGOCALCIFEROL; PHOSPHORUS a10116 CALCIUM REPLACEMENT; NIACIN; PYRIDOXINE; RIBOFLAVIN; THIAMINE a10125 CALCIUM REPLACEMENT-ERGOCALCIFEROL a10127 CALCIUM REPLACEMENT-CHOLECALCIFEROL a10133 CALCIUM ION; CHLORIDE ION; MAGNESIUM ANTACIDS; POTASSIUM ION; SODIUM ION a10135 CALCIUM ION; CHLORIDE ION; POTASSIUM ION; SODIUM ACETATE; SODIUM ION a10140 CALCIUM ION; MAGNESIUM CHLORIDE; POTASSIUM ION; SODIUM CHLORIDE a10143 CALCIUM PANTOTHENATE; NIACIN; PYRIDOXINE; RIBOFLAVIN; THIMEROSAL a10147 CALCIUM PANTOTHENATE; NIACIN; PYRIDOXINE; RIBOFLAVIN; THIAMINE a10150 CANTHARIDIN; PODOPHYLLUM RESIN TOPICAL; SALICYLIC ACID TOPICAL a10159 CASEIN; COCONUT OIL; CORN OIL; MULTIVITAMIN; SUCROSE a10160 CASEIN; COCONUT OIL; MAGNESIUM AMINO ACIDS CHELATE; SUCROSE; TAPIOCA a10162 CASEIN; CORN OIL; LECITHIN; MULTIVITAMIN; SODIUM ION a10163 CASEIN; MULTIVITAMIN; SAFFLOWER OIL; SOYBEAN OIL; SUCROSE a10172 CETEARETH; PETROLATUM TOPICAL; PROPYLENE GLYCOL; SORBITOL a10179 CETYL ALCOHOL; PROPYLENE GLYCOL; SODIUM LAURYL SULFATE; STEARYL ALCOHOL a10184 CETYL ALCOHOL; COLFOSCERIL; TYLOXAPOL OPHTHALMIC a10185 CETYL ALCOHOL-GLYCERIN TOPICAL a10192 CHLORIDE ION; POTASSIUM CITRATE; SODIUM ION a10200 BORIC ACID TOPICAL; CHLOROTHYMOL; EUCALYPTUS OIL; MENTHOL TOPICAL; THYMOL a10210 CINOXATE; PETROLATUM TOPICAL; ZINC TOPICAL AGENTS, EXTERNAL USE a10216 COCOA BUTTER-SHARK LIVER OIL a10217 COCOA BUTTER; PARABENS; ZINC TOPICAL AGENTS, EXTERNAL USE a10220 BENZOCAINE TOPICAL; COD & HALIBUT LIVER OIL; ZINC TOPICAL AGENTS, EXTERNAL USE a10245 DEXTROSE-POTASSIUM REPLACEMENT SOLUTIONS a10249 DEXTROSE-RINGERS LACTATED a10252 DEXTROSE-NORMAL SALINE a10253 DEXTROSE-LACTATED RINGERS a10266 DEXTROSE; POTASSIUM CHLORIDE; STERILE WATER a10267 DEXTROSE-SODIUM CHLORIDE a10270 CITRIC ACID; DEXTROSE; SODIUM CITRATE; SODIUM PHOSPHATE a10279 DEXTROSE-STERILE WATER a10284 ALUMINUM HYDROXIDE; DIHYDROXYALUMINUM AMINOACETATE; MAGNESIUM ANTACIDS a10285 DIMETHICONE; GLYCERIN; METHYLPARABEN; PETROLATUM TOPICAL a10290 ALOE VERA TOPICAL; DIMETHICONE; ETHANOL; GLYCERIN TOPICAL; PETROLATUM TOPICAL a10298 ELECTROLYTES-INVERT SUGAR a10300 ASCORBIC ACID; ELECTROLYTES; MINERALS; VITAMIN B COMPLEX a10304 ELECTROLYTES-POLYETHYLENE GLYCOL 3350 a10312 ETHANOL; EUCALYPTUS OIL; MENTHOL TOPICAL; METHYL SALICYLATE TOPICAL; THYMOL a10323 CAMPHOR TOPICAL-EUCALYPTUS OIL a10327 FIBRINOLYSIN-FIBRINOLYSIN AND DESOXYRIBONUCLEASE TOPICAL a10330 FRANGULA-KARAYA GUM a10336 CALCIUM CARBONATE; CITRIC ACID; GLUCONIC ACID; MAGNESIUM CARBONATE; MAGNESIUM CITRATE a10337 GLYCERYL; LANOLIN TOPICAL; MINERAL OIL; PROPYLENE GLYCOL a10340 FENNEL; GLYCYRRHIZA; SENNA; SUCROSE; SULFUR TOPICAL a10362 HYDROCORTISONE TOPICAL; IODOCHLORHYDROXYQUIN; PRAMOXINE TOPICAL

a10366 IRON PREPARATIONS; MINERALS; MULTIVITAMIN

a10378 ASCORBIC ACID: IRON PREPARATIONS: VITAMIN B a10379 IRON PREPARATIONS-VITAMIN B COMPLEX a10385 ETHINYL ESTRADIOL; IRON PREPARATIONS; NORETHINDRONE a10387 CALCIUM CARBONATE; FOLIC ACID; IRON PREPARATIONS; MULTIVITAMIN; NIACIN a10391 CYANOCOBALAMIN; FOLIC ACID; IRON PREPARATIONS a10392 ASCORBIC ACID; CYANOCOBALAMIN; FOLIC ACID; IRON PREPARATIONS a10394 ASCORBIC ACID; CYANOCOBALAMIN; FOLIC ACID; IRON PREPARATIONS; LIVER DERIVATIVE COMPLEX a10399 FOLIC ACID; IRON PREPARATIONS; MULTIVITAMIN a10405 IRON PREPARATIONS; NIACIN; PYRIDOXINE; RIBOFLAVIN; THIAMINE a10409 ERGOCALCIFEROL: IRON PREPARATIONS; NIACIN; RIBOFLAVIN; THIAMINE a10411 CYANOCOBALAMIN; IRON PREPARATIONS; NIACIN; PYRIDOXINE a10419 ASCORBIC ACID; ERGOCALCIFEROL; IRON PREPARATIONS; VITAMIN A a10420 CYANOCOBALAMIN; IRON PREPARATIONS; PYRIDOXINE; RIBOFLAVIN a10421 CYANOCOBALAMIN; IRON PREPARATIONS; PYRIDOXINE; RIBOFLAVIN; THIAMINE a10423 ASCORBIC ACID; CYANOCOBALAMIN; IRON PREPARATIONS; RIBOFLAVIN a10430 ASCORBIC ACID; CYANOCOBALAMIN; IRON PREPARATIONS a10435 ASCORBIC ACID-IRON PREPARATIONS a10438 FLUORIDE: IRON PREPARATIONS: MULTIVITAMIN a10439 DOCUSATE-IRON PREPARATIONS a10442 IRON PREPARATIONS-MULTIVITAMIN a10452 LACTOSE-NORETHINDRONE a10453 LACTOSE-MOMETASONE NASAL a10454 EPLERENONE-LACTOSE a10455 LACTOSE-TROSPIUM a10463 ALUMINUM HYDROXIDE; DIPHENHYDRAMINE TOPICAL; LIDOCAINE; MAGNESIUM ANTACIDS a10464 ASPIRIN; CALCIUM CARBONATE; MAGNESIUM ANTACIDS a10465 ALUMINUM HYDROXIDE; ASPIRIN; MAGNESIUM ANTACIDS a10471 CALCIUM CARBONATE-MAGNESIUM ANTACIDS a10472 ALUMINUM HYDROXIDE; CALCIUM CARBONATE; MAGNESIUM ANTACIDS a10474 ALUMINUM HYDROXIDE-MAGNESIUM ANTACIDS a10475 ALUMINUM HYDROXIDE; MAGNESIUM ANTACIDS; SIMETHICONE a10478 MAGNESIUM ANTACIDS-MINERAL OIL a10500 ALLANTOIN TOPICAL; ALLIUM CEPA; METHYLPARABEN; POLYETHYLENE GLYCOL 3350; SORBIC ACID a10502 GLYCERIN TOPICAL; METHYLPARABEN; MINERAL OIL; STERILE WATER a10504 LANOLIN TOPICAL; METHYLPARABEN; MULTIVITAMIN; PETROLATUM TOPICAL; ZINC OXIDE TOPICAL a10505 CALCIUM CARBONATE-MILK SOLIDS NONFAT a10511 MINERALS-VITAMINS a10522 MINERALS; MULTIVITAMIN; SOY FIBER; SOY PROTEIN a10526 ASCORBIC ACID; FOLIC ACID; MINERALS; VITAMIN A; VITAMIN E a10529 MINERALS; MULTIVITAMIN; PYRIDOXINE; RIBOFLAVIN a10530 MINERALS-MULTIVITAMIN

- a10537 BENZOCAINE TOPICAL; NUTMEG OIL; PETROLATUM TOPICAL; ZINC TOPICAL AGENTS, EXTERNAL USE
- a10548 CALCIUM CASEINATE; DIGLYCERIDE; MONOGLYCERIDE; OLEIC ACID; ZINC SULFATE
- a10551 DEHYDROCHOLIC ACID; LIPASE; OX BILE EXTRACT; PANCREATIN; PEPSIN
- a10557 MISCELLANEOUS TOPICAL AGENTS-OXYBENZONE
- a10568 ACETAMINOPHEN-PAMABRON
- a10569 ACETAMINOPHEN; PAMABRON; PYRIDOXINE
- a10570 ACETAMINOPHEN; PAMABRON; PYRILAMINE
- a10571 ASCORBIC ACID; PANTHENOL; VITAMIN B COMPLEX
- a10588 MINERAL OIL-PEANUT OIL
- a10601 CAFFEINE; PHENACETIN; SALICYLAMIDE; STYRAMATE
- a10603 ASPIRIN; CAFFEINE; CODEINE; PHENACETIN
- a10609 ASPIRIN; CAFFEINE; PHENACETIN; PHENOBARBITAL
- a10623 ASPARTAME; MANNITOL; NICOTINE; PHENYLALANINE

a10627 ALTEPLASE; ARGININE; PHOSPHORIC ACID; POLYSORBATE a10638 PHOSPHORUS; POTASSIUM REPLACEMENT SOLUTIONS; SODIUM CHLORIDE a10640 POTASSIUM REPLACEMENT SOLUTIONS-SODIUM CHLORIDE a10641 POTASSIUM REPLACEMENT SOLUTIONS; SODIUM CHLORIDE; TROMETHAMINE a10646 BENZALKONIUM CHLORIDE TOPICAL; BORIC ACID TOPICAL; PHENYLEPHRINE; POTASSIUM REPLACEMENT SOLUTIONS; ZINC SULFATE a10648 IODINE-POTASSIUM REPLACEMENT SOLUTIONS a10649 GLYCERIN TOPICAL; GLYCOLIC ACID; POTASSIUM HYDROXIDE; STEARIC ACID a10651 POTASSIUM ION-SODIUM CHLORIDE a10660 ISOPROPYL ALCOHOL TOPICAL; PROPYLENE GLYCOL; SODIUM LAURYL SULFATE; SORBITOL; STEARYL ALCOHOL 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 a10676 GLYCERIN OTIC-PROPYLENE GLYCOL a10678 CARBOHYDRATES; MULTIVITAMIN; PROTEIN SUPPLEMENT a10687 CHOLINE; INOSITOL; RACEMETHIONINE; THIMEROSAL a10691 ASCORBIC ACID; CALCIUM ACETATE; PYCNOGENOL; QUERCETIN; RUTIN a10697 GINSENG; MEADOWFOAM OIL; PETROLATUM TOPICAL; SAFFLOWER OIL; SESAME OIL a10701 MINERAL OIL; PETROLATUM TOPICAL; PHENYLEPHRINE TOPICAL; SHARK LIVER OIL a10703 GLYCERIN TOPICAL; PETROLATUM TOPICAL; PHENYLEPHRINE TOPICAL; SHARK LIVER OIL a10704 BALSAM PERU TOPICAL; MINERAL OIL; SILICONE; ZINC TOPICAL AGENTS, EXTERNAL USE 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 a10732 CORN STARCH TOPICAL; LANOLIN TOPICAL; PETROLEUM; STEARYL ALCOHOL; ZINC OXIDE TOPICAL a10738 AMPICILLIN-SULBACTIN SODIUM a10740 PHENAZOPYRIDINE; SULFADIAZINE; SULFAMERAZINE; SULFAMETHAZINE a10750 BORIC ACID TOPICAL; TALC; ZINC TOPICAL AGENTS, EXTERNAL USE a10751 LANOLIN TOPICAL; MULTIVITAMIN: PETROLATUM TOPICAL; TALC; ZINC TOPICAL AGENTS. EXTERNAL USE a10753 TALC-ZINC OXIDE TOPICAL a10771 ASCORBIC ACID; ERGOCALCIFEROL; RIBOFLAVIN; THIMEROSAL; VITAMIN A a10778 GLYCERIN TOPICAL; MENTHOL TOPICAL; PHENOL TOPICAL; THYMOL a10781 MEPROBAMATE-TRIDIHEXETHYL CHLORIDE a10783 GLYCERIN TOPICAL; MINERAL OIL; TRIETHANOLAMINE; UREA TOPICAL; WHEAT GERM a10785 CALCIUM CARBONATE; CHOLECALCIFEROL; VITAMIN K a10799 CAMPHOR TOPICAL; EPHEDRINE; ZINC TOPICAL AGENTS, EXTERNAL USE a10812 CORN STARCH TOPICAL: KAOLIN: TRICLOSAN TOPICAL: ZINC TOPICAL AGENTS, EXTERNAL USE a10817 MULTIVITAMIN-ZINC TOPICAL AGENTS, EXTERNAL USE a10826 CALAMINE TOPICAL; RESORCINOL TOPICAL; ZINC TOPICAL AGENTS, EXTERNAL USE a10829 BALSAM PERU TOPICAL; BENZYL BENZOATE TOPICAL; ZINC TOPICAL AGENTS, EXTERNAL USE a10831 COAL TAR TOPICAL-ZINC TOPICAL AGENTS, EXTERNAL USE a10834 CYANOCOBALAMIN; FOLIC ACID; VITAMIN B a10835 VITAMIN B-VITAMIN E a10836 ASCORBIC ACID; VITAMIN B; VITAMIN E a10840 ASCORBIC ACID; FOLIC ACID; VITAMIN B COMPLEX; VITAMIN E; ZINC a10841 ASCORBIC ACID; FOLIC ACID; IRON SULFATE; VITAMIN B COMPLEX a10842 ASCORBIC ACID; D-BIOTIN; FOLIC ACID; VITAMIN B COMPLEX a10846 FOLIC ACID-VITAMIN B COMPLEX a10849 ASCORBIC ACID; FOLIC ACID; VITAMIN B COMPLEX a10850 CALCIUM ACETATE; FOLIC ACID; VITAMIN B COMPLEX a10856 CYANOCOBALAMIN-VITAMIN B COMPLEX

a10857 ASCORBIC ACID-VITAMIN B COMPLEX a10864 CARBOHYDRATES: FAT SUPPLEMENT, ORAL: MAGNESIUM AMINO ACIDS CHELATE: MULTIVITAMIN: PROTEIN a10865 CARBOHYDRATES; FAT SUPPLEMENT, ORAL; MULTIVITAMIN; PROTEIN a10870 ARGININE; ASCORBIC ACID; CARBOHYDRATES; POTASSIUM CITRATE; VITAMIN E a10873 FOLLICLE STIMULATING HORMONE-LEUTENIZING HORMONE a10875 GLUCOSAMINE-METHYLSULFONYL-METHANE a10876 MINERAL OIL-PETROLEUM a10879 PENICILLIN-PENICILLIN G BENZATHINE a10880 ADENOSYL-TRIPHOSPHATE-METHIONINE a10881 DOCOSAHEXAENOIC ACID-EICOSAPENTAENOIC ACID a10882 DOCOSAHEXAENOIC ACID; EICOSAPENTAENOIC ACID; VITAMIN E a10886 AMMONIUM LACTATE TOPICAL; GLYCERIN; GLYCOLIC ACID; LACTIC ACID TOPICAL; VITAMIN A a10888 GLYCOLIC ACID; SALICYLIC ACID TOPICAL; WITCH HAZEL TOPICAL a10891 CHARCOAL-SILVER a10893 ARGININE; GLUTAMINE; HMB a10897 HOMATROPINE METHYL BROMIDE-HYDROCODONE a10898 OCTYL METHOXYCINNAMATE-TITANIUM DIOXIDE a10899 ESTRADIOL: ESTRIOL: ESTRONE a10900 ESTRADIOL-ESTRIOL a10904 BETA-CAROTENE; BILBERRY; LUTEIN; LYCOPENE; VITAMIN E a10905 LUTEIN; LYCOPENE; MULTIVITAMIN; SELENIUM; UBIQUINONE a10908 ACONITUM NAPELLUS; ARNICA TOPICAL; BELLADONNA; CHAMOMILE; COMFREY a10909 ADRENALINE; TETRACAINE TOPICAL; XYLOCAINE a10910 BUPIVACAINE-XYLOCAINE a10911 TRIAMCINOLONE-XYLOCAINE a10915 CALCIUM ACETATE; CHOLECALCIFEROL; COPPER GLUCONATE; MAGNESIUM; ZINC a10916 CALCIUM ACETATE; COPPER GLUCONATE; IRON; MULTIVITAMIN; ZINC a10922 BLACK COHOSH; BORIC ACID TOPICAL; ISOFLAVONES; KAVA; MULTIVITAMIN a10926 CARBETAPENTANE; GUAIFENESIN; PHENYLEPHRINE BITARTRATE a10927 EDETATE DISODIUM; METRONIDAZOLE TOPICAL; PARABENS a10928 BENZONATATE-PARABENS a10934 GYMNEMA SYLVESTRE; LIPOIC ACID; MAGNESIUM CITRATE; PYRIDOXINE; VANADIUM a10937 ADRENALINE; LIDOCAINE; TETRACAINE TOPICAL a10938 ADRENALINE; COCAINE TOPICAL; TETRACAINE TOPICAL a10942 ALOE VERA TOPICAL; GLYCERIN TOPICAL; MINERAL OIL; WATER a10944 CADEXOMER IODINE-POLYETHYLENE GLYCOL 3350 a10950 CHORIOGONADOTROPIN ALFA; MANNITOL; ORTHOPHOSPHORIC ACID a10956 CHLORPHENIRAMINE-HYDROCODONE POLISTIREX a10957 ANTIPYRINE OTIC; BENZOCAINE TOPICAL; OXYQUINOLONE SULFATE a10961 BUROW'S SOLUTION; CAMPHOR TOPICAL; MENTHOL TOPICAL; PHENOL TOPICAL a10962 BENZOCAINE TOPICAL; BUTYL AMINOBENZOATE; TETRACAINE TOPICAL a10968 MINERAL OIL; MINERAL WAX; PETROLATUM TOPICAL; WOOLWAX ALCOHOL a10971 ACETIC ACID TOPICAL: PROPYLENE GLYCOL DIACETATE: SODIUM ACETATE a10972 ACETIC ACID TOPICAL: HYDROCORTISONE OTIC: PROPYLENE GLYCOL DIACETATE: SODIUM ACETATE a10973 ALUMINUM HYDROXIDE; DONNATAL; LIDOCAINE; MAGNESIUM HYDROXIDE; SIMETHICONE a10974 BENZALKONIUM CHLORIDE TOPICAL; DIBASIC SODIUM PHOSPHATE; SODIUM CHLORIDE; SODIUM PHOSPHATE a10975 DIBASIC SODIUM PHOSPHATE-SODIUM PHOSPHATE a10978 DIPHTHERIA TOXOID; FILAMENTOUS HEMAGGLUTININ; PERTACTIN; PERTUSSIS, ACELLULAR; **TETANUS TOXOID** a10980 BEESWAX; LANOLIN TOPICAL; PETROLATUM TOPICAL a10983 ERGOTAMINE; L-ALKALOIDS OF BELLADONNA; PHENOBARBITAL a10984 CHLORAMINE-T-SODIUM P-TOLUENE-SULFONCHLORA a10988 L-METHYLFOLATE; METHYLCOBALAMIN; PYRIDOXINE a10991 CHICORY ROOT EXTRACT-LACTOBACILLUS GG a10995 CALCIUM ACETATE-MAGNESIUM

a11001 ALLANTOIN TOPICAL; LANOLIN ALCOHOL; LANOLIN TOPICAL; MINERAL OIL a11006 FLAVOCOXID-MALTODEXTRIN a11007 ASCORBIC ACID-MALTODEXTRIN a11010 ASCORBIC ACID; CYANOCOBALAMIN; FOLIC ACID; IRON a11013 IRON-MULTIVITAMIN a11015 ILEX-MENTHOL TOPICAL a11018 CHICORIUM INTYBUS; GINGER; IPOMOEA TURPETHUM; TERMINALIA CHEBULA a11020 ASCORBIC ACID; CALCIUM SULFATE; CHOLECALCIFEROL; VITAMIN A; VITAMIN E a11027 ACETAMINOPHEN-MISCELLANEOUS ANALGESICS a11030 CONTRACEPTIVES-NORETHINDRONE a11031 MISCELLANEOUS UNCATEGORIZED AGENTS-PHENTOLAMINE a11032 MISCELLANEOUS RESPIRATORY AGENTS-PHENYLEPHRINE a11033 ANTISEPTIC AND GERMICIDES-ETHANOL a11034 MISCELLANEOUS TOPICAL AGENTS-PETROLATUM TOPICAL a11041 CIPROFLOXACIN-DEXAMETHASONE a11042 CIPROFLOXACIN-HYDROCORTISONE a11052 CODEINE; EPHEDRINE; GUAIFENESIN; THEOPHYLLINE a11068 CODEINE; GUAIFENESIN; PSEUDOEPHEDRINE; TRIPROLIDINE a11080 HYDROXYZINE-MEPERIDINE a11082 ABACAVIR; AMPRENAVIR; LAMIVUDINE; ZIDOVUDINE a11085 CYCLOPHOSPHAMIDE; DACTINOMYCIN; DOXORUBICIN; VINCRISTINE a11088 CYCLOPHOSPHAMIDE; DOXORUBICIN; PREDNISONE; VINCRISTINE a11097 ACETAMINOPHEN; ALUMINUM HYDROXIDE; ASPIRIN; SALICYLAMIDE a11111 ACETAMINOPHEN; CAFFEINE; PHENYLEPHRINE; SALICYLAMIDE a11114 ACETAMINOPHEN-PHENYLPROPANOLAMINE a11125 ATROPINE; HYOSCYAMINE; LIDOCAINE; PHENOBARBITAL; SCOPOLAMINE a11126 BUPIVACAINE-LIDOCAINE a11129 DIPHENHYDRAMINE-LIDOCAINE a11130 HYDROCORTISONE-LIDOCAINE a11134 LIDOCAINE-TRIAMCINOLONE a11135 LIDOCAINE-METHYLPREDNISOLONE TOPICAL a11137 ALUMINUM HYDROXIDE; LIDOCAINE; MAGNESIUM HYDROXIDE; SIMETHICONE a11138 EPINEPHRINE TOPICAL; LIDOCAINE; TETRACAINE TOPICAL a11146 GENTAMICIN OPHTHALMIC-PREDNISOLONE a11148 ISONIAZID-THIAMINE a11151 ATROPINE; HYOSCYAMINE; METHENAMINE; METHYLENE BLUE; PHENYL SALICYLATE a11154 ATROPINE; BENZOIC ACID; METHENAMINE; METHYLENE BLUE; PHENYL SALICYLATE a11156 HYOSCYAMINE; METHENAMINE; METHYLENE BLUE; PHENYL SALICYLATE; SODIUM PHOSPHATE a11157 METHENAMINE-SODIUM SALICYLATE a11159 HYOSCYAMINE; METHENAMINE; METHYLENE BLUE; PHENYL SALICYLATE; SODIUM BIPHOSPHATE a11163 POLYMYXIN B SULFATE-TRIMETHOPRIM a11166 DORZOLAMIDE OPHTHALMIC-TIMOLOL a11179 IODINATED GLYCEROL-THEOPHYLLINE a11185 ASPIRIN-PHENOBARBITAL a11190 ASPIRIN; CAFFEINE; CINNAMEDRINE a11192 ASPIRIN-CALCIUM ACETATE a11198 ATROPINE; CHLORPHENIRAMINE; HYOSCYAMINE; PHENYLEPHRINE; PHENYLPROPANOLAMINE a11201 ATROPINE; CHLORPHENIRAMINE; PHENIRAMINE; PHENYLPROPANOLAMINE; SCOPOLAMINE a11202 ATROPINE-MORPHINE a11206 ALUMINUM HYDROXIDE; ATROPINE; HYOSCYAMINE; PHENOBARBITAL; SCOPOLAMINE a11215 ATROPINE-PREDNISOLONE OPHTHALMIC a11216 BUPIVACAINE-TRIAMCINOLONE a11217 CARBOPLATIN; CISPLATIN; FLUOROURACIL a11223 CHLORPHENIRAMINE; DEXTROMETHORPHAN; GUAIFENESIN; PHENYLEPHRINE; SODIUM CITRATE a11224 CHLORPHENIRAMINE; DEXTROMETHORPHAN; ETHANOL; GUAIFENESIN; PHENYLEPHRINE a11225 CHLORPHENIRAMINE; DEXTROMETHORPHAN; METHSCOPOLAMINE; PHENYLEPHRINE a11256 CHLORPHENIRAMINE; METHSCOPOLAMINE; PHENYLEPHRINE NASAL a11257 CYTARABINE-DAUNORUBICIN a11258 DEXAMETHASONE-TRIAMCINOLONE a11259 AMMONIUM CHLORIDE-DEXTROMETHORPHAN

a11264 DEXTROMETHORPHAN; ETHANOL; GUAIFENESIN; PHENYLPROPANOLAMINE a11269 DEXTROMETHORPHAN: PSEUDOEPHEDRINE: SORBITOL a11271 BROMPHENIRAMINE; DEXTROMETHORPHAN; GUAIFENESIN a11278 ALUMINUM HYDROXIDE; DIPHENHYDRAMINE; MAGNESIUM HYDROXIDE; SIMETHICONE a11280 DIPHENHYDRAMINE; HYDROCORTISONE TOPICAL; NYSTATIN TOPICAL a11284 ETHINYL ESTRADIOL; FERROUS FUMARATE; NORETHINDRONE a11285 FLUOROURACIL; IRINOTECAN; LEUCOVORIN a11286 FLUOROURACIL; LEUCOVORIN; OXALIPLATIN a11291 CYANOCOBALAMIN; FOLIC ACID; PYRIDOXINE a11292 ARGININE; 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 a11301 CALCIUM ACETATE; FERROUS GLUCONATE; FOLIC ACID; MULTIVITAMIN a11302 FOLIC ACID; NICOTINAMIDE TOPICAL; ZINC OXIDE TOPICAL a11315 INSULIN-INSULIN ISOPHANE a11316 IPRATROPIUM-LEVALBUTEROL a11319 MANNITOL-PEMETREXED a11320 AZACITIDINE-MANNITOL a11322 ESTRADIOL; METHYLTESTOSTERONE; PYRIDOXINE; RIBOFLAVIN a11325 NEOMYCIN-POLYMYXIN B SULFATE a11327 HYDROCORTISONE TOPICAL; 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 a11343 DEXAMETHASONE OPHTHALMIC-NEOMYCIN a11344 HYDROCORTISONE OTIC; NEOMYCIN; POLYMYXIN B OPHTHALMIC a11345 NEOMYCIN-POLYMYXIN B OPHTHALMIC a11349 ERGOCALCIFEROL; NIACIN; RIBOFLAVIN; VITAMIN A a11350 ERGOCALCIFEROL; NIACIN; RIBOFLAVIN; THIAMINE; VITAMIN A a11352 ASCORBIC ACID; NIACIN; VITAMIN A a11354 ASCORBIC ACID; NIACIN; RIBOFLAVIN; THIAMINE; VITAMIN E a11355 CYANOCOBALAMIN; NIACIN; PYRIDOXINE; RIBOFLAVIN a11357 CYANOCOBALAMIN; NIACIN; PYRIDOXINE; RIBOFLAVIN; THIAMINE a11358 ASCORBIC ACID; NIACIN; PYRIDOXINE; RIBOFLAVIN; THIAMINE a11360 DEXPANTHENOL; NIACIN; PYRIDOXINE; RIBOFLAVIN; THIAMINE a11374 PHENOBARBITAL-PROPANTHELINE a11381 HOMATROPINE; HYOSCYAMINE; PANCREATIN; PHENOBARBITAL; SCOPOLAMINE a11382 HYOSCYAMINE; PHENOBARBITAL; THIAMINE; VALERIAN a11383 BELLADONNA-PHENOBARBITAL a11387 DICYCLOMINE-PHENOBARBITAL a11394 BACITRACIN TOPICAL-POLYMYXIN B SULFATE a11396 DEXAMETHASONE OPHTHALMIC; NEOMYCIN OPHTHALMIC; POLYMYXIN B SULFATE a11397 HYDROCORTISONE OTIC-POLYMYXIN B SULFATE a11400 DEXTRAN 1; HYDROXYPROPYL METHYLCELLULOSE OPHTHALMIC; POTASSIUM CHLORIDE; SODIUM BICARBONATE; SODIUM CHLORIDE a11415 ERGOCALCIFEROL; RIBOFLAVIN; THIAMINE; VITAMIN A; VITAMIN E a11416 ASCORBIC ACID; VITAMIN A; VITAMIN E a11419 ASCORBIC ACID; COPPER GLUCONATE; VITAMIN A; VITAMIN E; ZINC OXIDE TOPICAL 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 a11431 ASCORBIC ACID; CHOLECALCIFEROL; FLUORIDE; VITAMIN A

a11432 ASCORBIC ACID; ERGOCALCIFEROL; VITAMIN A a11436 CHOLECALCIFEROL-VITAMIN A a11440 ASCORBIC ACID-VITAMIN E a11441 CHOLECALCIFEROL-VITAMIN E a11442 SELENIUM SULFIDE TOPICAL-VITAMIN E a11446 ASCORBIC ACID; CYANOCOBALAMIN; PYRIDOXINE; RIBOFLAVIN; THIAMINE a11447 CYANOCOBALAMIN; L-METHYLFOLATE; PYRIDOXINE; RIBOFLAVIN a11456 CYANOCOBALAMIN-PYRIDOXINE a11457 CYANOCOBALAMIN; PYRIDOXINE; THIAMINE a11458 PANCREATIN-PYRIDOXINE a11466 CYANOCOBALAMIN-MULTIVITAMIN a11471 CALCIUM CARBONATE; CALCIUM CITRATE; MAGNESIUM CITRATE; MAGNESIUM OXIDE a11472 CALCIUM CARBONATE-CHOLECALCIFEROL a11473 CALCIUM CARBONATE; MAGNESIUM GLUCONATE; MAGNESIUM OXIDE a11475 ASCORBIC ACID-CALCIUM ACETATE a11476 ASCORBIC ACID-CARBONYL IRON a11477 FLUORIDE-MULTIVITAMIN a11483 SODIUM CHLORIDE-SODIUM PHOSPHATE a11487 DEXTRAN 1; POLYCARBOPHIL; SODIUM CHLORIDE a11493 SODIUM CHLORIDE-STERILE WATER a11501 SODIUM BICARBONATE-SODIUM CHLORIDE NASAL a11502 MAGNESIUM SULFATE-PROMETHAZINE a11508 AMMONIUM CHLORIDE-CAFFEINE a11509 AMMONIUM CHLORIDE-SODIUM CITRATE a11511 ALOE VERA TOPICAL; CYSTEINE; GRAPE SEED OIL; MULTIVITAMIN; SELENIUM a11514 MULTIVITAMIN-OMEGA-3 POLYUNSATURATED FATTY ACIDS a11518 CONJUGATED ESTROGENS-PROGESTERONE a11519 PROGESTERONE-TESTOSTERONE a11520 NYSTATIN-TRIAMCINOLONE a11523 NYSTATIN TOPICAL-TRIAMCINOLONE a11524 EDETATE DISODIUM-UREA TOPICAL a11525 BENZOYL PEROXIDE TOPICAL; EDETATE DISODIUM; GLYCERIN TOPICAL; UREA TOPICAL a11526 CHLOROPHYLLIN COPPER COMPLEX TOPICAL; PAPAIN TOPICAL; UREA TOPICAL a11529 EPINEPHRINE-PILOCARPINE a11547 BENZALKONIUM CHLORIDE TOPICAL; EDETATE DISODIUM; OCULAR LUBRICANT a11549 EDETATE DISODIUM-RIFAXIMIN a11550 SODIUM POLYSTYRENE SULFONATE-SORBITOL a11551 GUAIFENESIN; PHENIRAMINE; PHENYLPROPANOLAMINE; PYRILAMINE a11555 DIHYDROCODEINE-PHENYLPROPANOLAMINE a11556 PROMETHAZINE-PSEUDOEPHEDRINE a11558 NAPHAZOLINE OPHTHALMIC-PHENIRAMINE a11564 CAFFEINE; MAGNESIUM SALICYLATE; PHENYLTOLOXAMINE a11570 BENZALKONIUM CHLORIDE TOPICAL; BENZOCAINE TOPICAL; CAMPHOR TOPICAL; ICHTHAMMOL TOPICAL a11576 ANTIPYRINE OTIC-BENZOCAINE TOPICAL a11585 BENZOCAINE TOPICAL-RESORCINOL TOPICAL a11599 BORIC ACID TOPICAL; CALCIUM CITRATE; CHOLECALCIFEROL; MAGNESIUM CITRATE a11602 CAPSICUM; CASCARA SAGRADA; PHENOLPHTHALEIN a11608 BALSAM PERU TOPICAL; BORIC ACID TOPICAL; CASTOR OIL; PETROLATUM TOPICAL; ZINC OXIDE TOPICAL a11609 BISACODYL-DOCUSATE a11610 BARIUM SULFATE-BISACODYL a11611 DOCUSATE-MINERAL OIL a11613 ALLANTOIN TOPICAL; CAMPHOR TOPICAL; LANOLIN TOPICAL; MINERAL OIL; PHENOL TOPICAL a11614 MINERAL OIL-PETROLATUM TOPICAL a11615 LANOLIN TOPICAL; MINERAL OIL; PETROLATUM TOPICAL a11620 COLLOIDAL OATMEAL TOPICAL-MINERAL OIL a11621 AMMONIUM LACTATE TOPICAL-MINERAL OIL a11627 CHARCOAL-IPECAC a11630 HAEMOPHILUS B CONJUGATE VACCINE (OBSOLETE)-HEPATITIS B VACCINE

a11631 DIPHTHERIA TOXOID: HAEMOPHILUS B CONJUGATE VACCINE (OBSOLETE): PERTUSSIS. ACELLULAR: TETANUS TOXOID a11632 HEPATITIS A VACCINE (OBSOLETE)-HEPATITIS B VACCINE a11639 SULFACETAMIDE SODIUM OPHTHALMIC-SULFUR TOPICAL a11640 COAL TAR-SALICYLIC ACID TOPICAL-SODIUM HYALURONATE OPHTHALMIC a11641 BORIC ACID TOPICAL-ETHANOL a11642 BORIC ACID TOPICAL-ISOPROPYL ALCOHOL TOPICAL a11646 DEXTRAN, LOW MOLECULAR WEIGHT-HYDROXYPROPYL METHYLCELLULOSE OPHTHALMIC a11648 CHLORHEXIDINE TOPICAL-ISOPROPYL ALCOHOL TOPICAL a11651 ALOE VERA TOPICAL-BENZOYL PEROXIDE TOPICAL a11654 FLUOCINOLONE TOPICAL; HYDROQUINONE TOPICAL; TRETINOIN a11655 FLUOCINOLONE TOPICAL-NEOMYCIN TOPICAL a11660 ETHANOL-SALICYLIC ACID TOPICAL a11664 ALUMINUM SULFATE TOPICAL; CAMPHOR TOPICAL; LACTOBACILLUS ACIDOPHILUS; MENTHOL TOPICAL; SALICYLIC ACID TOPICAL a11671 LACTIC ACID TOPICAL-SALICYLIC ACID TOPICAL a11683 BENZALKONIUM CHLORIDE TOPICAL; OCULAR LUBRICANT; POVIDONE IODINE OPHTHALMIC a11684 BENZALKONIUM CHLORIDE TOPICAL-BROMFENAC a11685 BENZALKONIUM CHLORIDE TOPICAL-CYANOCOBALAMIN NASAL a11686 ALBUMIN HUMAN-PACLITAXEL a11688 DIATRIZOATE-IODINE a11689 DEXTRAN 1-METHYLCELLULOSE a11692 AMYLASE; LIPASE; PROTEASE a11693 AMYLASE-PAPAIN TOPICAL a11694 ATTAPULGITE-PECTIN a11695 GRAMICIDIN TOPICAL; NEOMYCIN TOPICAL; NYSTATIN TOPICAL; TRIAMCINOLONE TOPICAL a11702 CHOLECALCIFEROL-MULTIVITAMIN a11703 CALCIUM ACETATE-CHOLECALCIFEROL a11705 CALCIUM ACETATE-MULTIVITAMIN a11706 CETYLPYRIDINIUM TOPICAL-ETHANOL a11712 ETHANOL; PHENYLEPHRINE TOPICAL; WITCH HAZEL TOPICAL a11714 MICONAZOLE TOPICAL; PETROLATUM TOPICAL; ZINC OXIDE TOPICAL a11715 MENTHOL TOPICAL-ZINC OXIDE TOPICAL a11717 BETAMETHASONE TOPICAL-CLOTRIMAZOLE TOPICAL a11721 HYDROCORTISONE TOPICAL-NYSTATIN TOPICAL a11724 BACITRACIN TOPICAL; NEOMYCIN TOPICAL; POLYMYXIN B OPHTHALMIC a11727 ACETIC ACID TOPICAL-HYDROCORTISONE OTIC a11728 ACETIC ACID TOPICAL-CHLOROXYLENOL TOPICAL a11730 BUDESONIDE NASAL-FORMOTEROL a11732 LANOLIN TOPICAL-PETROLATUM TOPICAL a11738 CAMPHOR TOPICAL; MENTHOL TOPICAL; PHENOL TOPICAL a11743 COAL TAR TOPICAL-MENTHOL TOPICAL a11748 BACITRACIN TOPICAL-POLYMYXIN B OPHTHALMIC a11749 COLLOIDAL OATMEAL TOPICAL-LANOLIN TOPICAL a11750 CHLOROXYLENOL TOPICAL; HYDROCORTISONE OTIC; PRAMOXINE OTIC a11751 RITONAVIR-TENOFOVIR a11759 CETEARETH; DIMETHICONE; GLYCERIN TOPICAL; HYALURONIC ACID a11761 MANNITOL; PHENYLALANINE; SELEGILINE a11763 CARBOMER 940-ISOPROPYL ALCOHOL TOPICAL a11764 DIPHTHERIA TOXOID; PERTACTIN; TETANUS TOXOID a11769 ASCORBIC ACID; BIOTIN; FOLIC ACID; VITAMIN B COMPLEX; ZINC a11770 ASCORBIC ACID; CHOLECALCIFEROL; GLYCERIN TOPICAL; VITAMIN B COMPLEX a50000 UNDETERMINED a50770 CALCIUM a51185 CHOLESTEROL a50235 AMMONIA SPIRIT REPLACEMENT a51209 CHROMIUN AROMATIC a50776 CALCIUM a51225 CINNAMON OIL a50365 APROBARBITAL a50912 CARBOXYMETHYLa51325 COCOA BUTTER a50465 BANDAGE CELLULOSE a51390 CONTACT LENS a50558 BENZQUINAMIDE a51030 CHERRY SYRUP SOLUTION

a51415 COTTONSEED OIL a51495 CYCLOTHIAZIDE a51675 DEXTROSE a51740 DIETARY SUPPLEMENT a51770 DIGITALIS a52023 ELECTROLYTES a52024 ENCAINIDE a52300 FLUMETHASONE a52358 FOOD SUPPLEMENT a52390 GALLAMINE a52395 GELATIN a52535 HAMAMELIS WATER a52565 HEXAFLUORENIUM a52585 HEXOCYCLIUM a52640 HYDROCHLORIC ACID a52755 INDIGO-INDISULFONATE a52775 INFANT FORMULA a52860 IOPHENDYLATE a52885 IRON PREPARATIONS a52968 KELP a53000 LANATOSIDE C a53025 LEMON OIL a53155 LYPRESSIN a53175 MAGNESIUM ANTACIDS a53298 MEGLUMINE a53315 MENINGOCOCCAL VACCINE a53375 MERBROMIN a53470 METHACYCLINE a53615 METHYL ALCOHOL a53718 MILK SOLIDS NONFAT a53723 MINERALS a53940 NITROGEN a54015 OINTMENT **HYDROPHILIC** a54020 OLEANDOMYCIN a54030 OLIVE OIL a54173 PANTHENOL a54193 PARAFFIN a54420 PHENPROCOUMON a54445 PHENYLALANINE a54555 PNEUMOCOCCAL VACCINE a54565 POISON IVY EXTRACT a54575 POLIO VACCINE a54645 POTASSIUM BROMIDE a54655 POTASSIUM REPLACEMENT SOLUTIONS a54705 POTASSIUM HYDROXIDE a54735 POTASSIUM ACIDIFYING a54760 PRAZEPAM a54922 PROTEIN SUPPLEMENT a55061 RACEMETHIONINE

a55063 RACEPHEDRINE a55115 RINGERS LACTATED a55135 RUTIN a55140 SACCHARIN a55218 SILICONE a55260 ANTIVENIN SNAKE BITE a55265 SOAP a55290 SODIUM BISULFITE a55310 SODIUM CARBONATE a55330 SODIUM FLUORIDE a55440 SOYBEAN OIL a55455 SPIDER-BITE ANTIVENIN a55505 STRYCHNINE a55510 SUCCINLYCHOLINE a55520 SUCROSE a55605 SULFOXONE SODIUM a55623 SURFACTANT a55820 THYROGLOBULIN a56085 TYBAMATE a56145 VALPROTIC ACID a56198 VITAMIN K a56265 ZINC TOPICAL AGENTS, EXTERNAL USF a56275 ZOMEPIRAC a56345 VITAMIN B COMPLEX a56580 POLOXAMER 188 a56685 THYPOID VACCINE a56740 INTERFERON BETA a56800 SODIUM **TETRABORATE** DECAHYDRATE a57001 BLOOD SUGAR DIAGNOSTIC a57014 ERYTHROPOIETIN a57024 MAGNESIUM ION a57034 PHOSPHORUS a57050 HYDROACTIVE DRESSING a57092 RECOMBINANT HUMAN **DEOXYRIBO-**NUCLEASE a57144 GLIBENCLAMIDE a57154 CD4 a57158 TECHNETIUM a57166 PROTEIN a57188 LOVERSOL a57194 HYPERTONIC SALINE a57204 HEPATITIS C VACCINE a57210 QUERCETIN a59603 HEPATITIS VACCINE a59607 PIRACETAM a59611 THYROID STIMULATING HORMONE a59632 DEHYDROEPI-**ANDROSTERENE**

a59717 ANDROGENS a59729 MELARSOPROL a59812 DOMPERIDONE a59813 FOLLITROPIN BETA a59814 FOLLITROPIN ALPHA a59835 RECOMBINANT HUMAN INTERLEUKIN **ELEVEN** a59842 TROVAFLOXACIN; ALTROFLOXAVIN a70009 HYALURONIC ACID a70010 SEROTONIN a70038 PETROLEUM a70046 PENICILLIN G BENZATHINE a70048 OIL OF EVENING PRIMROSE a70062 FENRETINIDE a70105 HAWTHORN a70113 PERINDOPRIL **ERBUMINE** a70116 SOY a70123 BISMUTH a70159 SILVER a70199 MAGNESIUM **GLYCINATE** a70203 RACEMIC **EPINEPHRINE** a70294 RED CLOVER a70385 SILYBUM a70465 SUPER OXIDE DISMUTASE a70476 VIGABATRIN a70479 BORAGE OIL a70480 ALPHA LIPOIC ACID a70484 CARBOXYMETHYL-CELLULOSE SODIUM a70491 HYOSCYNAMINE SULFATE a70521 GRIFFONIA SIMPLICIFOLIA a70550 SOLUMET a70607 OXYQUINOLONE SULFATE a70641 POLYOXYETHYLENE NONYLPHENOL a70699 LYCOPENE a70700 GAMMALINOLENIC ACID a70725 ASPARTAME a70733 VITAMIN K5 a70759 ALFALFA a70841 POLOXAMER 331 a70864 WHEY PROTEIN ISOLATE a70886 IRON a70887 ALGINATE a70892 SILICONE (LIQUID)

2007 NAMCS MICRO-DATA FILE DOCUMENTATION, APPENDIX III - GENERIC LIST

a70971 MCT OIL a70979 S-ADENOSYL-L-**METHIONINE** a70985 HAMAMELIS LEAF a70996 PREGNENOLONE a70998 ACETYLSALICYLIC ACID a71002 FLOXACILLIN a71012 SULFUR HEXAFLUORIDE a71021 HISTERLIN a71022 THERAPEUTICS-RADIOPHARMACEUT -ICALS a71063 CODOXIME a71066 DEFLAZACORT c00002 AMEBICIDES c00007 ANTIVIRAL AGENTS c00009 CEPHALOSPORINS c00012 MISCELLANEOUS **ANTIBIOTICS** c00014 QUINOLONES c00015 SULFONAMIDES c00025 MISCELLANEOUS **ANTINEOPLASTICS** c00027 RADIO-PHARMACEUTICALS c00033 IMMUNE GLOBULINS c00039 MISCELLANEOUS BIOLOGICALS c00040 CARDIOVASCULAR AGENTS c00042 ANGIOTENSIN CONVERTING **ENZYME INHIBITORS** c00045 ANTIANGINAL AGENTS c00049 DIURETICS c00051 MISCELLANEOUS CARDIOVASCULAR AGENTS c00053 VASODILATORS c00055 ANTIHYPERTENSIVE COMBINATIONS c00059 MISCELLANEOUS ANALGESICS c00060 NARCOTIC ANALGESICS c00061 NONSTEROIDAL ANTI-INFLAMMATORY AGENTS c00065 ANTIEMETIC; **ANTIVERTIGO** AGENTS c00067 ANXIOLYTICS, SEDATIVES, AND **HYPNOTICS**

c00070 MISCELLANEOUS ANXIOLYTICS, SEDATIVES AND **HYPNOTICS** c00071 CNS STIMULANTS c00072 GENERAL ANESTHETICS c00076 MISCELLANEOUS **ANTIDEPRESSANTS** c00077 MISCELLANEOUS **ANTIPSYCHOTIC** AGENTS c00080 MISCELLANEOUS CENTRAL NERVOUS SYSTEM AGENTS c00082 ANTICOAGULANTS c00085 MISCELLANEOUS COAGULATION MODIFIERS c00087 GASTROINTESTINAL AGENTS c00088 ANTACIDS c00090 ANTIDIARRHEALS c00095 LAXATIVES c00096 MISCELLANEOUS GI AGENTS c00098 ADRENAL CORTICAL **STEROIDS** c00099 ANTIDIABETIC AGENTS c00100 MISCELLANEOUS HORMONES c00102 CONTRACEPTIVES c00103 THYROID DRUGS c00105 MISCELLANEOUS AGENTS c00109 LOCAL INJECTABLE ANESTHETICS c00110 MISCELLANEOUS UNCATEGORIZED AGENTS c00115 NUTRITIONAL PRODUCTS c00117 MINERALS AND ELECTROLYTES c00119 VITAMINS c00123 ANTIHISTAMINES c00124 ANTITUSSIVES c00127 DECONGESTANTS c00129 MISCELLANEOUS RESPIRATORY AGENTS c00131 ANTIASTHMATIC COMBINATIONS c00132 UPPER RESPIRATORY COMBINATIONS c00135 ANTISEPTIC AND GERMICIDES

c00138 TOPICAL STEROIDS c00139 TOPICAL **ANESTHETICS** c00140 MISCELLANEOUS TOPICAL AGENTS c00143 TOPICAL ACNE AGENTS c00156 THIAZIDE DIURETICS c00157 CARBONIC ANHYDRASE **INHIBITORS** c00164 OPHTHALMIC **GLAUCOMA AGENTS** c00168 OPHTHALMIC LUBRICANTS AND **IRRIGATIONS** c00169 MISCELLANEOUS **OPHTHALMIC** AGENTS c00172 MISCELLANEOUS OTIC AGENTS c00174 MISCELLANEOUS ANTIHYPERLIPI-DEMIC AGENTS c00178 SKELETAL MUSCLE RELAXANTS c00183 ESTROGENS c00187 MISCELLANEOUS SEX HORMONES c00193 ANTIMIGRAINE AGENTS c00194 ANTIGOUT AGENTS c00198 MISCELLANEOUS **ANTIEMETICS** c00204 MISCELLANEOUS **ANTICONVULSANTS** c00220 HERBAL PRODUCTS c00224 AMINOPENICILLINS c00254 IMMUNOLOGIC AGENTS c00269 MISCELLANEOUS VAGINAL AGENTS c00296 INHALED CORTICOSTEROIDS c00358 METABOLIC AGENTS c00899 PHARMACEUTICAL AID c07001 ANTIFUNGALS-HERBAL PRODUCTS c07002 ANTIFUNGALS-ANTISEPTIC AND GERMICIDES c07003 URINARY ANTI-**INFECTIVES-**URINARY **ANTISPASMODICS** d00001 ACYCLOVIR d00002 AMIODARONE

d00003 AMPICILLIN d00004 ATENOLOL d00006 CAPTOPRIL d00007 CEFAZOLIN d00008 CEFOTAXIME d00009 CEFTAZIDIME d00010 CEFTIZOXIME d00011 CIPROFLOXACIN d00012 CODEINE d00013 ENALAPRIL d00014 GENTAMICIN d00015 IBUPROFEN d00016 LABETALOL d00017 MEPERIDINE d00018 NADOLOL d00019 NAPROXEN d00020 QUINIDINE d00021 RANITIDINE d00022 WARFARIN d00023 ALLOPURINOL d00024 AZATHIOPRINE d00025 CHLORAMPHENICOL d00026 FENOPROFEN d00027 HALOPERIDOL d00028 KETOPROFEN d00029 NAFCILLIN d00030 PENTAMIDINE d00031 PROBENECID d00032 PROPRANOLOL d00033 SULINDAC d00034 ZIDOVUDINE d00035 CHLOROQUINE d00036 CYCLOPHOSPHAMIDE d00037 DOXYCYCLINE d00039 INDOMETHACIN d00040 OXAZEPAM d00041 TETRACYCLINE d00042 CHLORPROPAMIDE d00043 CLINDAMYCIN d00044 CLONIDINE d00045 DILTIAZEM d00046 ERYTHROMYCIN d00047 RIFAMPIN d00048 VERAPAMIL d00049 ACETAMINOPHEN d00050 METHADONE d00051 NIFEDIPINE d00052 CEFTRIAXONE d00053 CEPHRADINE d00054 TOLMETIN d00055 CEFOTETAN d00056 CEFUROXIME d00057 PIPERACILLIN d00058 CARBAMAZEPINE d00059 LIDOCAINE d00060 METHOTREXATE d00061 LITHIUM d00062 CEFAMANDOLE d00064 CHLORPROMAZINE d00065 FOSCARNET

d00067 AZTREONAM d00068 ETHAMBUTOL d00069 TOBRAMYCIN d00070 FUROSEMIDE d00071 FLUCONAZOLE d00072 CEFIXIME d00073 CEFPROZIL d00078 DIDANOSINE d00079 CYCLOSPORINE d00080 CEFADROXIL d00081 CEFACLOR d00082 IMIPENEM-CILASTATIN d00084 PREDNISOLONE d00085 RIBAVIRIN d00086 AMANTADINE d00087 AMIKACIN d00088 AMOXICILLIN d00089 AMOXICILLIN-CLAVULANATE d00091 AZITHROMYCIN d00093 CEFMETAZOLE d00094 CEFOXITIN d00095 CEFPODOXIME d00096 CEPHALEXIN d00097 CLARITHROMYCIN d00098 DAPSONE d00099 ENOXACIN d00100 GRISEOFULVIN d00101 ISONIAZID d00102 ITRACONAZOLE d00103 KETOCONAZOLE d00106 METHENAMINE d00108 METRONIDAZOLE d00110 MINOCYCLINE d00112 NITROFURANTOIN d00113 NORFLOXACIN d00114 OFLOXACIN d00115 OXACILLIN d00116 PENICILLIN d00117 PYRAZINAMIDE d00118 SULFADIAZINE d00119 SULFAMETHOXAZOLE d00120 SULFISOXAZOLE d00122 TICARCILLIN-CLAVULANATE d00123 TRIMETHOPRIM d00124 SULFAMETHOX-AZOLE-TRIMETHOPRIM d00125 VANCOMYCIN d00126 VIDARABINE OPHTHALMIC d00128 ACEBUTOLOL d00129 DIAZOXIDE d00132 HYDRALAZINE d00133 METHYLDOPA d00134 METOPROLOL d00135 MINOXIDIL d00136 NITROPRUSSIDE

d00137 PINDOLOL d00138 PRAZOSIN d00139 TIMOLOL d00140 CIMETIDINE d00141 FAMOTIDINE d00142 THEOPHYLLINE d00143 PHENYTOIN d00144 NORTRIPTYLINE d00145 DESIPRAMINE d00146 AMITRIPTYLINE d00147 CHLORAL HYDRATE d00148 DIAZEPAM d00149 LORAZEPAM d00150 COLCHICINE d00153 DICLOXACILLIN d00154 MEBENDAZOLE d00155 MICONAZOLE d00158 QUINACRINE d00161 ACETAZOLAMIDE d00164 ADENOSINE d00168 ALPRAZOLAM d00169 AMILORIDE d00170 ASPIRIN d00173 ATRACURIUM d00174 ATROPINE d00175 BENZTROPINE d00177 BLEOMYCIN d00178 BROMOCRIPTINE d00179 BUMETANIDE d00180 BUPIVACAINE d00181 BUPROPION d00182 BUSPIRONE d00184 CARBIDOPA d00185 CARBOPLATIN d00186 CEPHALOTHIN d00187 CEPHAPIRIN d00189 CHLORDIAZEPOXIDE d00190 CHLOROTHIAZIDE d00191 CHLORPHENIRAMINE d00192 CHLORTHALIDONE d00193 CHOLESTYRAMINE d00195 CISPLATIN d00197 CLONAZEPAM d00198 CLORAZEPATE d00199 CLOZAPINE d00200 CROMOLYN d00202 DACARBAZINE d00203 DACTINOMYCIN d00204 DANAZOL d00205 DAUNORUBICIN d00206 DEXAMETHASONE d00207 DEXTRO-**METHORPHAN** d00208 DIFLUNISAL d00209 DIGITOXIN d00210 DIGOXIN d00211 DIHYDROER-GOTAMINE d00212 DIPHENHYDRAMINE d00213 DIPYRIDAMOLE

d00215 DOBUTAMINE d00216 DOPAMINE d00217 DOXEPIN d00218 DOXORUBICIN d00219 DROPERIDOL d00220 EDROPHONIUM d00222 ERGOTAMINE d00223 EPOETIN ALFA d00224 ESMOLOL d00227 ETHOSUXIMIDE d00230 ETOPOSIDE d00231 FELODIPINE d00233 FENTANYL d00234 FLECAINIDE d00235 FLUOROURACIL d00236 FLUOXETINE d00237 FLUPHENAZINE d00238 FLURAZEPAM d00239 FLURBIPROFEN d00240 FLUTAMIDE d00241 FOLIC ACID d00242 FOSINOPRIL d00245 GEMFIBROZIL d00246 GLIPIZIDE d00248 GLYBURIDE d00252 HEPARIN d00253 HYDROCHLO-ROTHIAZIDE d00254 HYDROCORTISONE d00255 HYDROMORPHONE d00257 IFOSFAMIDE d00259 IMIPRAMINE d00260 INDAPAMIDE d00262 INSULIN d00265 IPRATROPIUM d00268 ISOSORBIDE DINITRATE d00269 ISOSORBIDE MONONITRATE d00270 ISRADIPINE d00271 KANAMYCIN d00272 KETAMINE d00273 KETOROLAC d00275 LEUCOVORIN d00276 LEVAMISOLE d00277 LEVODOPA d00278 LEVOTHYROXINE d00279 LINCOMYCIN d00280 LOVASTATIN d00282 MANNITOL d00283 MECLOFENAMATE d00284 MEDROXY-PROGESTERONE d00285 MEFENAMIC ACID d00286 MEFLOQUINE d00287 MELPHALAN d00288 MEPROBAMATE d00289 MERCAPTOPURINE

d00290 METHIMAZOLE d00293 METHYL-PREDNISOLONE d00295 METHYLTESTOS-TERONE d00297 METIPRANOLOL **OPHTHALMIC** d00298 METOCLOPRAMIDE d00299 METOLAZONE d00300 MEXILETINE d00301 MIDAZOLAM d00302 MILRINONE d00303 MISOPROSTOL d00305 MITOMYCIN d00306 MITOXANTRONE d00308 MORPHINE d00310 NABUMETONE d00311 NALOXONE d00312 NEOMYCIN d00313 NEOSTIGMINE d00314 NIACIN d00315 NICARDIPINE d00316 NICOTINE d00318 NIMODIPINE d00321 NITROGLYCERIN d00322 NIZATIDINE d00323 NOREPINEPHRINE d00325 OMEPRAZOLE d00328 OXYBUTYNIN d00329 OXYCODONE d00330 PANCURONIUM d00332 PENBUTOLOL d00333 PENICILLAMINE d00334 PENTAZOCINE d00335 PENTOBARBITAL d00336 PENTOXIFYLLINE d00337 PHENAZOPYRIDINE d00340 PHENOBARBITAL d00343 PIROXICAM d00344 POLYMYXIN B SULFATE d00345 POTASSIUM CHLORIDE d00346 POVIDONE IODINE TOPICAL d00348 PRAVASTATIN d00350 PREDNISONE d00351 PRIMAQUINE d00352 PRIMIDONE d00353 PROBUCOL d00355 PROCHLORPERAZINE d00358 PROPAFENONE d00359 PROPANTHELINE d00360 PROPOXYPHENE d00361 PROPYLTHIOURACIL d00362 PROTAMINE d00363 PYRIDOSTIGMINE d00364 PYRIMETHAMINE

d00365 QUINAPRIL d00366 QUININE d00367 RESERPINE d00370 OCTREOTIDE d00371 SOTALOL d00373 SPIRONOLACTONE d00377 SUCRALFATE d00379 SULFASALAZINE d00381 TAMOXIFEN d00384 TEMAZEPAM d00386 TERAZOSIN d00387 TERFENADINE d00388 THIOPENTAL d00389 THIORIDAZINE d00391 THIOTHIXENE d00393 TOLAZAMIDE d00395 TRAZODONE d00396 TRIAMTERENE d00397 TRIAZOLAM d00399 VECURONIUM d00400 VINBLASTINE d00401 VINCRISTINE d00402 VITAMIN A d00405 VITAMIN E d00409 RIBOFLAVIN d00412 PYRIDOXINE d00413 CYANOCOBALAMIN d00417 BIOFLAVONOIDS d00425 CALCIUM CARBONATE d00426 ASCORBIC ACID d00438 SODIUM CHLORIDE d00439 CITRIC ACID-POTASSIUM CITRATE d00440 SODIUM BICARBONATE d00468 MAGNESIUM SULFATE d00472 TROMETHAMINE d00475 SODIUM PHOSPHATE d00476 AMMONIUM CHLORIDE d00485 IODINE TOPICAL d00488 LYSINE d00491 LEVOCARNITINE d00492 CHOLINE SALICYLATE d00496 INOSITOL d00497 OMEGA-3 POLYUN-SATURATED FATTY ACIDS d00512 FILGRASTIM d00513 SARGRAMOSTIM d00514 TICLOPIDINE d00523 UROKINASE d00525 ANTIHEMOPHILIC FACTOR (OBSOLETE)

d00527 FACTOR IX COMPLEX (OBSOLETE) d00528 AMINOCAPROIC ACID d00529 TRANEXAMIC ACID d00537 ESTRADIOL d00541 CONJUGATED **ESTROGENS** d00543 ESTROPIPATE d00547 CHLOROTRIANISENE d00550 PROGESTERONE d00554 HYDROXY-PROGESTERONE d00555 NORETHINDRONE d00557 LEVONORGESTREL d00558 TESTOSTERONE d00563 FINASTERIDE d00566 OXANDROLONE d00568 NANDROLONE d00569 CLOMIPHENE d00570 UROFOLLITROPIN d00571 MENOTROPINS d00572 CHORIONIC GONADOTROPIN (HCG) d00574 NAFARELIN NASAL d00576 SOMATREM d00577 SOMATROPIN d00578 ARGININE d00583 DESMOPRESSIN d00584 OXYTOCIN d00586 ERGONOVINE d00587 METHYLERGONOVINE d00589 DINOPROSTONE TOPICAL d00592 METYRAPONE d00593 GLUCAGON d00598 CALCITONIN d00601 PAMIDRONATE d00602 GALLIUM NITRATE d00604 CORTICOTROPIN d00608 FLUDROCORTISONE d00609 CORTISONE d00620 TRIAMCINOLONE d00623 METHYL-PREDNISOLONE TOPICAL d00626 DEXAMETHASONE TOPICAL d00628 BETAMETHASONE d00640 METHAZOLAMIDE d00645 HYDRO-FLUMETHIAZIDE d00646 TRICHLOR-**METHIAZIDE** d00649 ETHACRYNIC ACID d00651 UREA TOPICAL d00652 GLYCERIN d00653 ISOSORBIDE d00655 THYROID DESICCATED

d00658 LIOTHYRONINE d00659 LIOTRIX d00683 LIDOCAINE TOPICAL d00689 AMLODIPINE d00693 ISOXSUPRINE d00695 PAPAVERINE d00699 EPINEPHRINE d00700 EPHEDRINE d00704 PHENYLEPHRINE d00708 CARTEOLOL d00709 BISOPROLOL d00717 GUANFACINE d00726 DOXAZOSIN d00728 RAMIPRIL d00730 BENAZEPRIL d00732 LISINOPRIL d00733 PHENTOLAMINE d00742 EDETATE DISODIUM d00743 SODIUM POLYSTYRENE SULFONATE d00744 COLESTIPOL d00746 SIMVASTATIN d00749 ALBUTEROL d00750 METAPROTERENOL d00752 TERBUTALINE d00755 PIRBUTEROL d00758 AMINOPHYLLINE d00759 DYPHYLLINE d00762 ACETYLCYSTEINE d00767 PHENYL-PROPANOLAMINE d00769 PSEUDOEPHEDRINE d00771 NAPHAZOLINE **OPHTHALMIC** d00772 OXYMETAZOLINE NASAL d00773 TETRAHYDROZOLINE **OPHTHALMIC** d00775 ALPHA 1-PROTEINASE INHIBITOR d00777 BERACTANT d00780 CLEMASTINE d00782 PYRILAMINE d00784 DEXCHLOR-PHENIRAMINE d00785 BROMPHENIRAMINE d00786 TRIPROLIDINE d00787 PROMETHAZINE d00790 CYPROHEPTADINE d00791 AZATADINE d00796 BENZONATATE d00797 GUAIFENESIN d00799 IODINATED GLYCEROL d00800 POTASSIUM IODIDE d00801 CAFFEINE d00802 DOXAPRAM d00803 AMPHETAMINE

d00804 DEXTRO-AMPHETAMINE d00805 METHAMPHETAMINE d00806 PHENTERMINE d00807 BENZPHETAMINE d00809 PHENDIMETRAZINE d00810 DIETHYLPROPION d00813 BENZOCAINE TOPICAL d00817 HYDROXY-CHLOROQUINE d00824 OPIUM d00825 LEVORPHANOL d00833 OXYMORPHONE d00838 BUTORPHANOL d00839 NALBUPHINE d00840 BUPRENORPHINE d00842 SALSALATE d00843 SODIUM SALICYLATE d00846 MAGNESIUM SALICYLATE d00848 DICLOFENAC d00851 ETODOLAC d00853 OXAPROZIN d00855 PERPHENAZINE d00859 MECLIZINE d00861 DIMENHYDRINATE d00862 TRIMETHOBENZAMIDE d00866 DRONABINOL d00867 ONDANSETRON d00874 AMOXAPINE d00875 PROTRIPTYLINE d00876 CLOMIPRAMINE d00877 MAPROTILINE d00880 SERTRALINE d00883 PHENELZINE d00884 TRANYLCYPROMINE d00890 TRIFLUOPERAZINE d00896 MOLINDONE d00897 LOXAPINE d00898 PIMOZIDE d00900 METHYLPHENIDATE d00907 HYDROXYZINE d00910 ZOLPIDEM d00915 ESTAZOLAM d00923 BUTABARBITAL d00929 METHOHEXITAL d00931 ETOMIDATE d00933 PROPOFOL d00934 NITROUS OXIDE d00941 MEPHENYTOIN d00949 TUBOCURARINE d00950 METOCURINE d00951 MIVACURIUM d00960 CARISOPRODOL d00962 CHLORZOXAZONE d00963 CYCLOBENZAPRINE d00964 METAXALONE d00965 METHOCARBAMOL

d00966 ORPHENADRINE d00967 BACLOFEN d00968 DANTROLENE d00970 TRIHEXYPHENIDYL d00976 SELEGILINE d00977 PERGOLIDE d00978 ALUMINUM HYDROXIDE d00982 MAGNESIUM HYDROXIDE d00984 MAGALDRATE d00985 HYOSCYAMINE d00986 SCOPOLAMINE d00988 BELLADONNA d00989 METHSCOPOLAMINE d00991 CLIDINIUM d00992 GLYCOPYRROLATE d00999 DICYCLOMINE d01002 PANCRELIPASE d01003 PANCREATIN d01005 URSODIOL d01008 MAGNESIUM CITRATE d01013 SENNA d01015 BISACODYL d01017 POLYCARBOPHIL d01018 PSYLLIUM d01019 MINERAL OIL d01021 DOCUSATE d01024 LACTULOSE d01025 LOPERAMIDE d01026 BISMUTH SUBSALICYLATE d01027 SIMETHICONE d01028 CHARCOAL d01031 MESALAMINE d01032 OLSALAZINE d01068 DEMECLOCYCLINE d01070 OXYTETRACYCLINE d01097 RIFABUTIN d01100 ETHIONAMIDE d01104 PAROMOMYCIN d01112 COLISTIN SULFATE OTIC d01113 COLISTIMETHATE d01115 BACITRACIN d01120 ATOVAQUONE d01124 PIPERAZINE d01133 IMMUNE GLOBULIN **INTRAVENOUS** d01135 IMMUNE GLOBULIN **INTRAMUSCULAR** d01136 HEPATITIS B IMMUNE GLOBULIN d01137 TETANUS IMMUNE GLOBULIN d01138 VARICELLA ZOSTER **IMMUNE GLOBULIN**

d01139 RHO (D) IMMUNE GLOBULIN d01142 DIPHTHERIA ANTITOXIN d01147 RABIES VACCINE (OBSOLETE) d01148 RABIES IMMUNE GLOBULIN, HUMAN d01150 BCG d01156 TYPHOID VACCINE, INACTIVATED d01158 HAEMOPHILUS B CONJUGATE VACCINE (OBSOLETE) d01159 MEASLES VIRUS VACCINE d01160 RUBELLA VIRUS VACCINE d01161 MUMPS VIRUS VACCINE d01164 INFLUENZA VIRUS VACCINE, INACTIVATED d01165 YELLOW FEVER VACCINE d01166 HEPATITIS B VACCINE d01168 TETANUS TOXOID d01171 TUBERCULIN PURIFIED PROTEIN DERIVATIVE d01184 DIPIVEFRIN **OPHTHALMIC** d01185 APRACLONIDINE OPHTHALMIC d01187 LEVOBUNOLOL **OPHTHALMIC** d01188 ACETYLCHOLINE **OPHTHALMIC** d01191 PILOCARPINE **OPHTHALMIC** d01198 DAPIPRAZOLE **OPHTHALMIC** d01199 HOMATROPINE **OPHTHALMIC** d01200 TROPICAMIDE **OPHTHALMIC** d01201 CYCLOPENTOLATE **OPHTHALMIC** d01202 CHYMOTRYPSIN **OPHTHALMIC** d01204 SUPROFEN **OPHTHALMIC** d01208 SULFACETAMIDE SODIUM **OPHTHALMIC** d01211 SILVER PROTEIN MILD TOPICAL

d01215 TRIFLURIDINE OPHTHALMIC d01217 TETRACAINE d01218 PROPARACAINE **OPHTHALMIC** d01219 FLUORESCEIN OPHTHALMIC d01225 BORIC ACID TOPICAL d01227 BOTULINUM TOXIN TYPE A d01231 CHLORHEXIDINE TOPICAL d01232 CARBAMIDE PEROXIDE TOPICAL d01233 NYSTATIN d01234 BUTOCONAZOLE TOPICAL d01238 TERCONAZOLE TOPICAL d01239 GENTIAN VIOLET TOPICAL d01241 CLINDAMYCIN TOPICAL d01242 NONOXYNOL 9 TOPICAL d01244 TRETINOIN TOPICAL d01245 ISOTRETINOIN d01246 BENZOYL PEROXIDE TOPICAL d01254 ANTHRALIN TOPICAL d01258 MAFENIDE TOPICAL d01259 SILVER SULFADIAZINE TOPICAL d01263 PYRITHIONE ZINC TOPICAL d01265 SULFACETAMIDE SODIUM TOPICAL d01267 MUPIROCIN TOPICAL d01271 ECONAZOLE TOPICAL d01272 CICLOPIROX TOPICAL d01274 TOLNAFTATE TOPICAL d01277 NAFTIFINE TOPICAL d01278 LINDANE TOPICAL d01279 PERMETHRIN TOPICAL d01282 ALCLOMETASONE TOPICAL d01283 AMCINONIDE TOPICAL d01288 CLOBETASOL TOPICAL d01289 CLOCORTOLONE TOPICAL d01290 DESONIDE TOPICAL d01291 DESOXIMETASONE TOPICAL d01292 DIFLORASONE TOPICAL

d01293 FLUOCINOLONE TOPICAL d01294 FLUOCINONIDE TOPICAL d01295 FLURANDRENOLIDE TOPICAL d01297 HALCINONIDE TOPICAL d01298 HALOBETASOL TOPICAL d01301 DIBUCAINE TOPICAL d01303 PRAMOXINE TOPICAL d01305 DYCLONINE TOPICAL d01306 COCAINE TOPICAL d01307 SALICYLIC ACID TOPICAL d01308 PODOPHYLLUM RESIN TOPICAL d01309 PODOFILOX TOPICAL d01313 TRICHLOROACETIC ACID TOPICAL d01315 COLLAGENASE TOPICAL d01319 HYDROQUINONE TOPICAL d01320 FORMALDEHYDE TOPICAL d01321 CAPSAICIN TOPICAL d01322 ALUMINUM CHLORIDE HEXAHYDRATE TOPICAL d01325 ARNICA TOPICAL d01330 THIMEROSAL TOPICAL d01332 HEXACHLOROPHENE TOPICAL d01333 BENZALKONIUM CHLORIDE TOPICAL d01335 SODIUM **HYPOCHLORITE** TOPICAL d01341 LOMUSTINE d01342 CARMUSTINE d01344 FLOXURIDINE d01345 THIOGUANINE d01346 FLUDARABINE d01348 MEGESTROL d01353 LEUPROLIDE d01354 GOSERELIN d01356 PENTOSTATIN d01369 INTERFERON ALFA-2B d01373 HYDROXYUREA d01376 PACLITAXEL d01383 SODIUM TETRADECYL SULFATE d01385 BETA-CAROTENE d01386 YOHIMBINE d01387 ALPROSTADIL d01389 DISULFIRAM d01394 PROCAINE

d01398 MEPIVACAINE d01402 DEFEROXAMINE d01406 NALTREXONE d01407 FLUMAZENIL d01411 MESNA d01413 IPECAC d01423 POTASSIUM CITRATE d01425 FLAVOXATE d01427 BETHANECHOL d01445 BARIUM SULFATE d01456 IOHEXOL d01461 IOPAMIDOL d01473 DIATRIZOATE d02374 DESFLURANE d02375 PLASMA PROTEIN FRACTION d02376 ALBUMIN HUMAN d02377 DEXTRAN 1 d02381 POTASSIUM PERCHLORATE d03001 CLADRIBINE d03007 MEASLES; MUMPS; **RUBELLA VIRUS** VACCINE d03034 NORGESTREL d03041 ENOXAPARIN d03050 LORATADINE d03052 HYDROCHLORO-THIAZIDE-TRIAMTERENE d03054 AMYLASE d03056 ATTAPULGITE d03061 BUTALBITAL d03066 CITRIC ACID d03071 DIPHENOXYLATE d03075 HYDROCODONE d03077 ISOMETHEPTENE MUCATE d03080 LIPASE d03081 MALT SOUP EXTRACT d03085 PEPSIN d03096 SODIUM BENZOATE d03098 SODIUM CITRATE d03110 DIPHTH; PERTUSSIS, ACEL; TETANUS (OBSOLETE) d03112 NEDOCROMIL d03126 CALCITRIOL d03128 ERGOCALCIFEROL d03129 CHOLECALCIFEROL d03130 THIAMINE d03135 PHYTONADIONE d03137 CALCIUM-VITAMIN D d03140 MULTIVITAMIN d03141 MULTIVITAMIN WITH IRON d03145 MULTIVITAMIN WITH MINERALS d03148 MULTIVITAMIN, PRENATAL

d03154 DOXYLAMINE d03157 PAROXETINE d03158 RIMANTADINE d03160 SUMATRIPTAN d03162 ETHANOL d03165 PIPERACILLIN-TAZOBACTAM d03166 CISAPRIDE d03168 DIHYDROCODEINE d03170 FELBAMATE d03171 GRANISETRON d03180 RISPERIDONE d03181 VENLAFAXINE d03182 GABAPENTIN d03183 FLUVASTATIN d03189 TORSEMIDE d03190 OXICONAZOLE TOPICAL d03191 TERBINAFINE TOPICAL d03192 ZINC OXIDE TOPICAL d03193 AMILORIDE-HYDROCHLORO-THIAZIDE d03195 MICONAZOLE TOPICAL d03197 BETAMETHASONE TOPICAL d03200 ERYTHROMYCIN TOPICAL d03202 KETOCONAZOLE TOPICAL d03203 MINOXIDIL TOPICAL d03204 FLUOROURACIL TOPICAL d03205 HYDROCORTISONE TOPICAL d03206 TRIAMCINOLONE TOPICAL d03208 METRONIDAZOLE TOPICAL d03210 SELENIUM SULFIDE TOPICAL d03211 CIPROFLOXACIN OPHTHALMIC d03220 FLURBIPROFEN OPHTHALMIC d03221 PREDNISOLONE **OPHTHALMIC** d03222 TOBRAMYCIN OPHTHALMIC d03224 NEOMYCIN TOPICAL d03225 PREDNICARBATE TOPICAL d03227 FLUOROMETHOLONE **OPHTHALMIC** d03228 LODOXAMIDE **OPHTHALMIC** d03238 ETHINYL ESTRADIOL-NORETHINDRONE

2007 NAMCS MICRO-DATA FILE DOCUMENTATION, APPENDIX III - GENERIC LIST

d03241 ETHINYL ESTRADIOL-NORGESTREL d03242 ETHINYL ESTRADIOL-LEVONORGESTREL d03244 CONJUGATED ESTROGENS-METHYL-TESTOSTERONE d03245 ESTERIFIED ESTROGENS-METHYL-**TESTOSTERONE** d03247 HYDROCHLORO-THIAZIDE-SPIRONOLACTONE d03250 CHLOROTHIAZIDE-RESERPINE d03251 HYDROCHLORO-THIAZIDE-RESERPINE d03257 HYDRALAZINE-HYDROCHLORO-THIAZIDE d03258 ATENOLOL-CHLORTHALIDONE d03261 HYDROCHLORO-THIAZIDE-PROPRANOLOL d03263 HYDROCHLORO-THIAZIDE-**METHYLDOPA** d03265 BENAZEPRIL-HYDROCHLORO-THIAZIDE d03266 HYDROCHLORO-THIAZIDE-LISINOPRIL d03273 GUAIFENESIN-THEOPHYLLINE d03276 DYPHYLLINE-**GUAIFENESIN** d03279 GUAIFENESIN-OXTRIPHYLLINE d03280 EPHEDRINE; PHENOBARBITAL: THEOPHYLLINE d03283 EPHEDRINE; HYDROXYZINE; THEOPHYLLINE d03289 ACETAMINOPHEN-**PSEUDOEPHEDRINE** d03292 IBUPROFEN-**PSEUDOEPHEDRINE** d03296 ACETAMINOPHEN-CHLORPHENI-RAMINE

d03297 ACETAMINOPHEN-PHENYL-TOLOXAMINE d03298 CHLORPHENIRAMINE-**PSEUDOEPHEDRINE** d03299 CHLORPHENIRAMINE-PHENYLPROPANOL-AMINE d03300 CHLORPHENIRAMINE-PHENYLEPHRINE d03301 BROMPHENIRAMINE-PSEUDOEPHEDRINE d03302 BROMPHENIRAMINE-PHENYLPROPANO-LAMINE d03303 CLEMASTINE-PHENYLPROPANO-LAMINE d03306 CHLORPHENIRAMINE: PE; PHENYL-TOLOXAMINE d03309 BROMPHENIRAMINE; PHENYLEPHRINE; PPA d03310 CHLORPHENIRAMINE; PE; PPA; PHENYLTO-LOXAMINE d03311 BROMPHENIRAMINE-PHENYLEPHRINE d03313 CHLORPHENIRAMINE; PHENYLEPHRINE; **PYRILAMINE** d03315 CHLORPHENIRAMINE; PHENYLEPHRINE; PPA; PYRILAMINE d03316 PSEUDOEPHEDRINE-TRIPROLIDINE d03317 PHENYLEPHRINE-PROMETHAZINE d03318 PHENIRAMINE; PPA; PYRILAMINE d03319 APAP: CHLOR-PHENIRAMINE; PHENYL-PROPANOLAMINE d03320 APAP; CHLOR-PHENIRAMINE; PSEUDOEPHEDRINE d03322 ASA; CHLOR-PHENIRAMINE: PHENYLPROPANOL-AMINE

d03331 APAP; CHLOR-PHENIRAMINE; PHENYLEPHRINE d03337 CHLORPHENIRAMINE; METHSCOPO-LAMINE; PPA d03338 CHLORPHENIRAMINE; METHSCOPO-LAMINE; PE d03340 HOMATROPINE-HYDROCODONE d03344 CHLORPHENIRAMINE; DEXTRO-METHORPHAN; PPA d03347 APAP: CHLOR-PHENIRAMINE: DEXTRO-METHORPHAN; PSE d03349 APAP; DEXTRO-METHORPHAN; DOXYLAMINE; PSE d03352 HYDROCODONE-PSEUDOEPHEDRINE d03353 HYDROCODONE-PHENYLPROPANO-LAMINE d03354 DEXTRO-**METHORPHAN-**PSEUDOEPHEDRINE d03356 CHLORPHENIRAMINE-**HYDROCODONE** d03357 CODEINE-PROMETHAZINE d03359 CHLORPHENIRAMINE-DEXTRO-METHORPHAN d03360 DEXTRO-METHORPHAN-PROMETHAZINE d03361 CHLORPHENIRAMINE; HYDROCODONE; PHENYLEPHRINE d03362 CHLORPHENIRAMINE; CODEINE: PSEUDOEPHEDRINE d03364 CODEINE; PHENYLEPHRINE; PROMETHAZINE d03366 HYDROCODONE; PHENYLEPHRINE; PYRILAMINE d03368 BROMPHENIRAMINE; DEXTRO-METHORPHAN; PSE d03369 CHLORPHENIRAMINE; DEXTROMETHORP; PHENYLEPHRINE

2007 NAMCS MICRO-DATA FILE DOCUMENTATION, APPENDIX III - GENERIC LIST

d03370 CHLORPHENIRAMINE: DEXTRO-METHORPHAN; PSE d03372 BROMPHENIRAMINE: DEXTRO-**METHORPHAN; PPA** d03379 GUAIFENESIN-PSEUDOEPHEDRINE d03380 EPHEDRINE-**GUAIFENESIN** d03381 GUAIFENESIN-PHENYLEPHRINE d03382 GUAIFENESIN-PHENYLPROPANO-LAMINE d03383 GUAIFENESIN; PHENYLEPHRINE; PPA d03388 ETHINYL ESTRADIOL-**ETHYNODIOL** d03389 ESTRADIOL-**TESTOSTERONE** d03392 CHLORPHENIRAMINE; GUAIFENESIN; PHENYLEPHRINE d03393 CODEINE-**GUAIFENESIN** d03394 CODEINE-IODINATED GLYCEROL d03396 GUAIFENESIN-**HYDROCODONE** d03397 GUAIFENESIN-**HYDROMORPHONE** d03398 CODEINE; **GUAIFENESIN; PSE** d03400 DEXTRO-**METHORPHAN-**GUAIFENESIN d03403 GUAIFENESIN; HYDROCODONE; PHENYLEPHRINE d03404 GUAIFENESIN; HYDROCODONE: **PSEUDOEPHEDRINE** d03408 DEXTRO-**METHORPHAN:** GUAIFENESIN; PHENYLEPHRINE d03409 DEXTRO-**METHORPHAN**; GUAIFENESIN; **PSEUDOEPHEDRINE** d03411 DEXTRO-METHORPHAN; **GUAIFENESIN; PPA** d03416 CHLORPHENIRAMINE; HYDROCODONE; PSF

d03419 CHLORPHENIRAMINE; DM; GUAIFENESIN; PHENYLEPHRINE d03423 ACETAMINOPHEN-CODEINE d03425 APAP; BUTALBITAL; CAFFEINE; CODEINE d03426 ASA; BUTALBITAL; CAFFEINE; CODEINE d03428 ACETAMINOPHEN-HYDROCODONE d03431 ACETAMINOPHEN-OXYCODONE d03432 ASPIRIN-OXYCODONE d03433 MEPERIDINE-PROMETHAZINE d03434 ACETAMINOPHEN-PROPOXYPHENE d03436 BELLADONNA-OPIUM d03437 APAP; ASA; CAFFEINE; SALICYLAMIDE d03439 APAP; ASA; CAFFEINE d03445 ACETAMINOPHEN-DIPHENHYDRAMINE d03449 ASPIRIN-CAFFEINE d03454 MAGNESIUM SALICYLATE-PHENYL-TOLOXAMINE d03455 APAP; BUTALBITAL; CAFFEINE d03456 ACETAMINOPHEN-BUTALBITAL d03457 ASA: BUTALBITAL: CAFFEINE d03459 APAP; DICHLORAL-PHENAZONE; ISOMETHEPTENE d03462 AMITRIPTYLINE-CHLORDIAZE-POXIDE d03463 AMITRIPTYLINE-PERPHENAZINE d03469 ASPIRIN-CARISOPRODOL d03472 ASA; CAFFEINE; ORPHENADRINE d03473 CARBIDOPA-**LEVODOPA** d03474 ALUMINUM HYDROXIDE-MAGNESIUM HYDROXIDE d03478 AL HYDROXIDE; MG HYDROXIDE; SIMETHICONE d03482 ALUMINUM HYDROXIDE-MINERAL OIL

d03483 CALCIUM CARBONATE-SIMETHICONE d03485 ATROPINE; HYOSCYAMINE; PB; SCOPOLAMINE d03492 CHLORDIAZEPOXIDE-CLIDINIUM d03495 BELLADONNA: ERGOTAMINE; PHENOBARBITAL d03496 DOCUSATE-SENNA d03498 CASANTHRANOL-DOCUSATE d03503 MINERAL OIL-PHENOLPHTHALEIN d03505 ATROPINE-DIFENOXIN d03506 ATROPINE-DIPHENOXYLATE d03509 ERYTHROMYCIN-SULFISOXAZOLE d03511 PHENAZOPYRIDINE-SULFAMETHOXA-ZOLE d03520 NAPHAZOLINE-PHENIRAMINE **OPHTHALMIC** d03521 CYCLOPENTOLATE-PHENYLEPHRINE **OPHTHALMIC** d03523 HYDROXY-AMPHETAMINE-TROPICAMIDE **OPHTHALMIC** d03525 GRAMICIDIN; NEOMYCIN: POLYMYXIN B **OPHTHALMIC** d03536 DEXAMETHASONE-TOBRAMYCIN **OPHTHALMIC** d03541 PREDNISOLONE-SULFACETAMIDE SODIUM **OPHTHALMIC** d03542 FLUORESCEIN-PROPARACAINE OPHTHALMIC d03546 HYDROCORTISONE-PRAMOXINE TOPICAL d03561 BETAMETHASONE-CLOTRIMAZOLE TOPICAL d03566 CAPTOPRIL-HYDRO-CHLOROTHIAZIDE d03570 CARBINOXAMINE-**PSEUDOEPHEDRINE** d03572 CARAMIPHEN-PHENYLPROPANO-LAMINE d03574 CARBETAPENTANE; CPM; EPHEDRINE; PHENYLEPHRINE d03577 CARBINOXAMINE; DEXTRO-METHORPHAN; PSE d03591 ALGINIC ACID; AL HYDROXIDE; MG CARBONATE d03618 HYOSCYAMINE; METHENAM; M-**BLUE; PHENYL** SALICYL d03619 ANTAZOLINE **OPHTHALMIC** d03622 BENOXINATE-**FLUORESCEIN** OPHTHALMIC d03623 ACETIC ACID TOPICAL d03632 CETYLPYRIDINIUM TOPICAL 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 d03666 MENTHOL-PHENOL TOPICAL d03668 METHYL SALICYLATE TOPICAL d03669 METHYL SALICYLATE-MENTHOL TOPICAL

d03676 NALOXONE-PENTAZOCINE d03680 ASA; CITRIC ACID; NA BICARB d03682 ACETAMINOPHEN-PENTAZOCINE d03687 ALUMINUM ACETATE TOPICAL d03688 ALUMINUM SULFATE TOPICAL d03689 CALCIUM ACETATE d03690 ALUMINUM SULFATE-CALCIUM ACETATE TOPICAL d03692 BENZYLPENICILLOYL-POLYLYSINE d03697 BALSAM PERU TOPICAL d03702 SULFUR TOPICAL d03703 COAL TAR TOPICAL d03705 SALICYLIC ACID-SULFUR TOPICAL d03707 ALOE VERA TOPICAL d03708 LANOLIN-MINERAL OIL TOPICAL d03713 CAMPHOR-PHENOL TOPICAL d03735 TRIETHANOLAMINE POLYPEPTIDE OLEATE OTIC d03740 ENALAPRIL-HYDRO-CHLOROTHIAZIDE d03744 BISOPROLOL-HYDRO-**CHLOROTHIAZIDE** d03751 DEXBROM-PHENIRAMINE-**PSEUDOEPHEDRINE** d03752 TACROLIMUS d03754 ACRIVASTINE-**PSEUDOEPHEDRINE** d03756 BACITRACIN TOPICAL d03759 SALMETEROL d03761 LANOLIN TOPICAL d03763 GLYCERIN-PHENOL TOPICAL d03766 ROCURONIUM d03768 OCULAR LUBRICANT d03770 EMOLLIENTS, TOPICAL d03773 STAVUDINE d03774 DOXEPIN TOPICAL d03775 FAMCICLOVIR d03781 ETHINYL ESTRADIOL-NORGESTIMATE d03782 DESOGESTREL-ETHINYL **ESTRADIOL** d03783 BUPIVACAINE-**EPINEPHRINE**

d03784 EPINEPHRINE-LIDOCAINE d03788 CALCIPOTRIENE TOPICAL d03796 MAGNESIUM CHLORIDE d03797 MAGNESIUM OXIDE d03798 MAGNESIUM GLUCONATE d03804 FLUVOXAMINE d03805 DORZOLAMIDE **OPHTHALMIC** d03806 ALBENDAZOLE d03807 METFORMIN d03808 NEFAZODONE d03809 LAMOTRIGINE d03810 VINORELBINE d03811 ABCIXIMAB d03812 DALTEPARIN d03814 RIMEXOLONE OPHTHALMIC d03817 CALCIUM GLUBIONATE d03818 LORATADINE-**PSEUDOEPHEDRINE** d03819 CONJUGATED ESTROGENS-MEDROXYPROGES-TERONE d03820 HEPATITIS A VACCINE (OBSOLETE) d03821 LOSARTAN d03823 IRON POLYSACCHARIDE d03824 FERROUS SULFATE d03825 NISOLDIPINE d03826 TRAMADOL d03827 CETIRIZINE d03828 LANSOPRAZOLE d03829 AMLODIPINE-BENAZEPRIL d03830 HYDRO-CHLOROTHIAZIDE-LOSARTAN d03831 NILUTAMIDE d03832 VARICELLA VIRUS VACCINE d03833 DIVALPROEX SODIUM d03834 NALMEFENE d03835 MOEXIPRIL d03836 ACITRETIN d03838 VALACYCLOVIR d03839 MYCOPHENOLATE MOFETIL d03841 DEXRAZOXANE d03844 DIRITHROMYCIN d03845 SEVOFLURANE d03846 ACARBOSE

2007 NAMCS MICRO-DATA FILE DOCUMENTATION, APPENDIX III - GENERIC LIST

d03847 CARVEDILOL d03848 AZELAIC ACID TOPICAL d03849 ALENDRONATE d03850 BICALUTAMIDE d03857 BENZOYL PEROXIDE-ERYTHROMYCIN TOPICAL d03858 LAMIVUDINE d03860 SAQUINAVIR d03861 MAGNESIUM LACTATE d03862 MAGNESIUM AMINO ACIDS CHELATE d03864 GLIMEPIRIDE d03866 CALCIUM CITRATE d03868 AMIFOSTINE d03869 RILUZOLE d03873 ANASTROZOLE d03874 CEFTIBUTEN d03875 CISATRACURIUM d03879 CANNABIS (SCHEDULE I SUBSTANCE) d03882 CEFEPIME d03883 AL HYDROXIDE; ASA; CA CARBONATE; MG HYDROXIDE d03884 TROLAMINE SALICYLATE TOPICAL d03888 BENZOCAINE; BUTAMBEN; TETRACAINE TOPICAL d03894 KAOLIN-PECTIN d03895 SINCALIDE d03897 LACTASE d03904 BALSAM PERU; CASTOR OIL; **TRYPSIN TOPICAL** d03906 PHENIRAMINE; PHENYL-TOLOXAMINE; PYRILAMINE d03908 APAP: CHLOR-PHENIRAMINE; DEXTRO-**METHORPHAN; PPA** d03911 CHLOR-PHENIRAMINE; METHSCOPO-LAMINE; PSE d03915 HYDROCODONE-POTASSIUM GUAIACOLSUL-FONATE d03927 BACITRACIN **OPHTHALMIC**

d03929 AMINOPHYLLINE; AMOBARBITAL: **EPHEDRINE** d03952 CITRIC ACID-SODIUM CITRATE d03964 BACITRACIN; NEOMYCIN; POLYMYXIN B **OPHTHALMIC** d03966 BENZOYL PEROXIDE-SULFUR TOPICAL d03968 DEXAMETHASONE OPHTHALMIC d03973 ERYTHROMYCIN **OPHTHALMIC** d03974 GENTAMICIN **OPHTHALMIC** d03977 OFLOXACIN **OPHTHALMIC** d03979 SCOPOLAMINE **OPHTHALMIC** d03982 TETRACAINE TOPICAL d03983 AMPICILLIN-PROBENECID d03984 RITONAVIR d03985 INDINAVIR d03990 CARBAMIDE PEROXIDE OTIC d03994 COLLOIDAL OATMEAL TOPICAL d03996 DIENESTROL TOPICAL d03998 STERILE WATER d04003 HYDROGEN PEROXIDE TOPICAL d04008 TRANDOLAPRIL d04009 DOCETAXEL d04010 GEMCITABINE d04011 INTERFERON BETA-1A d04012 TERBINAFINE d04014 TOPOTECAN d04015 ADAPALENE TOPICAL d04017 LATANOPROST **OPHTHALMIC** d04025 MIRTAZAPINE d04026 IRINOTECAN d04027 MEROPENEM d04028 CIDOFOVIR d04029 NEVIRAPINE d04032 SULFACETAMIDE SODIUM-SULFUR TOPICAL d04035 AMPHETAMINE-DEXTRO-AMPHETAMINE d04037 TIMOLOL **OPHTHALMIC** d04038 BETAXOLOL **OPHTHALMIC** d04039 CARTEOLOL **OPHTHALMIC**

d04040 FEXOFENADINE d04041 FOSPHENYTOIN d04047 MIDODRINE d04048 BRIMONIDINE **OPHTHALMIC** d04049 AMMONIUM LACTATE TOPICAL d04050 OLANZAPINE d04051 ROPIVACAINE d04052 PENTOSAN POLYSULFATE SODIUM d04053 ZAFIRLUKAST d04054 PENCICLOVIR TOPICAL d04056 ZINC GLUCONATE d04057 ZINC SULFATE d04058 MELATONIN d04061 BISMUTH SUBSALICYLATE; METRONIDAZOLE; TCN d04063 BUTENAFINE TOPICAL d04065 TRANDOLAPRIL-VERAPAMIL d04066 ALBUTEROL-**IPRATROPIUM** d04067 RETEPLASE d04068 AZELASTINE NASAL d04070 SODIUM PHENYLBUTYRATE d04075 CHLOROXYLENOL TOPICAL d04076 CHLOROXYLENOL; HYDROCORTISONE: PRAMOXINE OTIC d04090 LACTIC ACID TOPICAL d04093 HYDROCORTISONE-IODOQUINOL TOPICAL d04099 DONEPEZIL d04101 IVERMECTIN d04102 TIZANIDINE d04103 ZILEUTON d04105 ATORVASTATIN d04107 AMLEXANOX TOPICAL d04108 SPARFLOXACIN d04109 LEVOFLOXACIN d04110 MIGLITOL d04111 GLATIRAMER d04112 CABERGOLINE d04113 VALSARTAN d04114 DANAPAROID d04115 TOPIRAMATE d04117 OLOPATADINE **OPHTHALMIC** d04118 NELFINAVIR d04120 CAFFEINE-ERGOTAMINE d04121 TAMSULOSIN

PAGE 166

NASAL

d04122 TROGLITAZONE d04242 SODIUM CHLORIDE d04125 IMIQUIMOD TOPICAL d04126 ANAGRELIDE d04244 CHARCOALd04131 PARENTERAL NUTRITION SOLUTION d04134 POLYMYXIN B OPHTHALMIC d04137 TOREMIFENE d04138 TAZAROTENE TOPICAL CHLOROTHIAZIDE-MOEXIPRIL d04142 CHROMIUM PICOLINATE d04145 PRAMIPEXOLE d04150 BROMFENAC d04153 PHENAZOPYRIDINE-SULFISOXAZOLE d04156 LETROZOLE d04159 SORBITOL **BIPHOSPHATE-**SODIUM PHOSPHATE DEXTRO-METHORPHAN; **DIPHEN-**HYDRAMINE; PSE DIPHENHYDRAMINE; **PSEUDOEPHEDRINE** d04172 CALAMINE-PRAMOXINE TOPICAL d04190 PAPAIN TOPICAL d04191 PAPAIN-UREA TOPICAL

d04141 HYDRO-

d04160 SODIUM

d04165 APAP;

d04168 APAP:

d04207 UREA

d04208 SILVER NITRATE

d04214 DOLASETRON

d04215 ROPINIROLE

d04219 LAMIVUDINE-

d04220 QUETIAPINE

d04222 IRBESARTAN

d04221 TIAGABINE

TOPICAL

ZIDOVUDINE

d04223 MOMETASONE NASAL

IBUPROFEN

d04226 AMINOSALICYLIC ACID

LIDOCAINE

d04225 HYDROCODONE-

d04233 TRIAMCINOLONE

NASAL d04237 DEXAMETHASONE-

SIMETHICONE d04245 HYDRO-CHLOROTHIAZIDE-**IRBESARTAN** d04247 PEGASPARGASE d04248 METHYLCELLULOSE d04249 CELLULOSE d04250 CHROMIC CHLORIDE HEXAHYDRATE d04253 ZOLMITRIPTAN d04255 RITUXIMAB d04256 CEFDINIR d04258 CLOPIDOGREL d04260 SIBUTRAMINE d04261 RALOXIFENE d04264 BECAPLERMIN TOPICAL d04266 EPROSARTAN d04267 REPAGLINIDE d04269 APAP; CAFFEINE; DIHYDROCODEINE d04270 FEXOFENADINE-**PSEUDOEPHEDRINE** d04271 DICLOFENAC-**MISOPROSTOL** d04272 AMOXICILLIN; CLARITHROMYCIN; LANSOPRAZOLE d04275 BECLOMETHASONE NASAL d04276 BUDESONIDE d04279 FLUNISOLIDE NASAL d04283 FLUTICASONE NASAL d04284 FLUTICASONE TOPICAL d04285 NARATRIPTAN d04286 FENOFIBRATE d04289 MONTELUKAST d04292 LOTEPREDNOL **OPHTHALMIC** d04293 HYDRO-CHLOROTHIAZIDE-VALSARTAN d04294 TOLTERODINE d04295 OXYMETHOLONE d04299 SILDENAFIL d04300 RISEDRONATE d04301 BRINZOLAMIDE **OPHTHALMIC** d04311 CAPECITABINE d04312 PARICALCITOL d04316 EPTIFIBATIDE d04317 DIPHTHERIA TOXOID d04322 CANDESARTAN d04323 PALIVIZUMAB

d04328 RIZATRIPTAN d04329 SODIUM **HYALURONATE** d04331 THALIDOMIDE d04332 CITALOPRAM d04333 ACETAMINOPHEN-SALICYLAMIDE d04337 PRAMOXINE OTIC d04342 INFLIXIMAB d04344 ROTAVIRUS VACCINE d04349 LEFLUNOMIDE d04355 EFAVIRENZ d04357 TRASTUZUMAB d04362 COPPER GLUCONATE d04363 SEVELAMER d04364 TELMISARTAN d04365 ETANERCEPT d04370 INSULIN ISOPHANE d04375 ESTRADIOL-NORETHINDRONE d04376 ABACAVIR d04378 MODAFINIL d04379 LYME DISEASE VACCINE d04380 CELECOXIB d04382 CILOSTAZOL d04386 DENILEUKIN DIFTITOX d04387 SODIUM FERRIC **GLUCONATE** COMPLEX d04395 CLOTRIMAZOLE TOPICAL d04397 FLUORIDE TOPICAL d04399 NYSTATIN TOPICAL d04400 DIMETHYL SULFOXIDE TOPICAL d04401 IMIPENEM d04404 TAZOBACTAM d04405 CLAVULANATE d04409 CHAMOMILE d04411 GARLIC d04412 GINSENG d04413 GINKGO d04414 GINGER d04416 VALERIAN d04417 CREATINE d04418 GLUCOSAMINE d04419 CHONDROITIN d04420 CHONDROITIN-GLUCOSAMINE d04422 KAVA d04423 GOLDENSEAL d04427 LEVALBUTEROL d04428 AMPRENAVIR d04429 ORLISTAT d04432 CARBONYL IRON d04433 ROFECOXIB d04434 ROSIGLITAZONE

PAGE 168

2007 NAMCS MICRO-DATA FILE DOCUMENTATION, APPENDIX III - GENERIC LIST

d04435 DOXERCALCIFEROL d04436 MALATHION TOPICAL d04441 KETOTIFEN **OPHTHALMIC** d04442 PIOGLITAZONE d04443 ZANAMIVIR d04445 CARBETAPENTANE; CHLOR-PHENIRAMINE; PHENYLEPHRINE d04446 PHENYLEPHRINE-PYRILAMINE d04448 RABEPRAZOLE d04451 TEMOZOLOMIDE d04452 ZALEPLON d04453 SIROLIMUS d04454 EPIRUBICIN d04459 DOFETILIDE d04460 ENTACAPONE d04461 EXEMESTANE d04462 OSELTAMIVIR d04464 DONG QUAI d04467 CAT'S CLAW d04468 CLOVE d04472 BLACK COHOSH d04474 DEVIL'S CLAW d04476 BILBERRY d04481 ROYAL JELLY d04490 GREEN TEA d04491 FLAX d04497 ASPIRIN-DIPYRIDAMOLE d04499 LEVETIRACETAM d04500 MOXIFLOXACIN d04501 AMINOLEVULINIC ACID TOPICAL d04503 NEDOCROMIL OPHTHALMIC d04504 GATIFLOXACIN d04506 ESTRADIOL-NORGESTIMATE d04507 BEXAROTENE d04509 HYDRO-CHLOROTHIAZIDE-QUINAPRIL d04512 CEVIMELINE d04513 OXCARBAZEPINE d04514 PANTOPRAZOLE d04516 ALOSETRON d04523 UBIQUINONE d04527 ZONISAMIDE d04530 STRONTIUM-89 CHLORIDE d04531 SAMARIUM SM 153 LEXIDRONAM d04532 MELOXICAM d04534 LINEZOLID d04537 RIVASTIGMINE d04538 INSULIN GLARGINE d04540 GEMTUZUMAB

d04541 AZELASTINE **OPHTHALMIC** d04547 ATOVAQUONE-PROGUANIL d04572 FORMOTEROL d04611 FLUTICASONE-SALMETEROL d04695 COLESEVELAM d04696 TRIPTORELIN d04697 INSULIN ASPART d04698 ARGATROBAN d04700 BALSALAZIDE d04702 DOCOSANOL TOPICAL d04703 GLYBURIDE-**METFORMIN** d04704 EFLORNITHINE TOPICAL d04708 ZOLEDRONIC ACID d04711 CANDESARTAN-HYDRO-CHLOROTHIAZIDE d04716 LOPINAVIR d04717 LOPINAVIR-RITONAVIR d04718 MIFEPRISTONE d04723 CALCIUM CARBONATE; FAMOTIDINE; MG HYDROXIDE d04725 IRON SUCROSE d04727 ABACAVIR; LAMIVUDINE: ZIDOVUDINE d04737 HYDRO-CHLOROTHIAZIDE-**TELMISARTAN** d04739 BOTULINUM TOXIN TYPE B d04740 TACROLIMUS TOPICAL d04742 BENZOYL PEROXIDE-CLINDAMYCIN TOPICAL d04743 NATEGI INIDE d04744 BIVALIRUDIN d04746 PEGINTERFERON ALFA-2B d04747 ZIPRASIDONE d04749 ESOMEPRAZOLE d04750 GALANTAMINE d04752 CARBINOXAMINE; HYDROCODONE: **PSEUDOEPHEDRINE** d04753 TRAVOPROST **OPHTHALMIC** d04754 BIMATOPROST **OPHTHALMIC** d04755 VALGANCICLOVIR d04757 ALMOTRIPTAN d04758 IMATINIB

d04759 DROSPIRENONE d04760 DROSPIRENONE-**ETHINYL ESTRADIOL** d04763 NESIRITIDE d04764 CETIRIZINE-PSEUDOEPHEDRINE d04766 ACETAMINOPHEN-TRAMADOL d04767 CEFDITOREN d04771 DARBEPOETIN ALFA d04772 ETONOGESTREL d04773 ETHINYL ESTRADIOL-ETONOGESTREL d04774 TENOFOVIR d04775 ANAKINRA d04776 FROVATRIPTAN d04777 DEXMETHYL-PHENIDATE d04778 VALDECOXIB d04779 ETHINYL ESTRADIOL-NORELGESTROMIN d04782 BOSENTAN d04783 ERTAPENEM d04784 PIMECROLIMUS TOPICAL d04785 DESLORATADINE d04786 FONDAPARINUX d04787 LOVASTATIN-NIACIN d04788 DUTASTERIDE d04790 PEGFILGRASTIM d04797 ALFUZOSIN d04798 TEGASEROD d04799 FULVESTRANT d04801 OLMESARTAN d04803 VORICONAZOLE d04806 SODIUM OXYBATE d04811 OXALIPLATIN d04812 ESCITALOPRAM d04814 ADEFOVIR d04815 EPLERENONE d04819 BUPRENORPHINE-NALOXONE d04820 METFORMIN-ROSIGLITAZONE d04823 GLIPIZIDE-**METFORMIN** d04824 EZETIMIBE d04825 ARIPIPRAZOLE d04827 ATOMOXETINE d04828 TERIPARATIDE d04829 TIOTROPIUM d04835 ADALIMUMAB d04836 CYCLOSPORINE **OPHTHALMIC** d04837 EPROSARTAN-HYDRO-CHLOROTHIAZIDE

d04839 INSULIN ASPART-**INSULIN ASPART** PROTAMINE d04842 HALOFANTRINE d04844 CAMPHOR-MENTHOL TOPICAL d04849 ELETRIPTAN d04850 CARBETAPENTANE; PHENYLEPHRINE; **PYRILAMINE** d04851 ROSUVASTATIN d04853 ENFUVIRTIDE d04855 APREPITANT d04856 BOTULISM ANTITOXIN d04859 GEMIFLOXACIN d04861 DIPHENHYDRAMINE-PHENYLEPHRINE d04862 BROMPHENIRAMINE: DM: GUAIFENESIN: PSE d04864 CARBETAPENTANE-**PSEUDOEPHEDRINE** d04871 BORTEZOMIB d04877 CARBIDOPA; ENTACAPONE; LEVODOPA d04878 HYDRO-CHLOROTHIAZIDE-OLMESARTAN d04880 BROMPHENIRAMINE; HYDROCODONE: **PSEUDOEPHEDRINE** d04881 OMALIZUMAB d04882 ATAZANAVIR d04884 EMTRICITABINE d04888 PALONOSETRON d04893 VARDENAFIL d04894 DAPTOMYCIN d04895 CARBETAPENTANE; DIPHENHYDRAMINE; PHENYLEPHRINE d04896 TADALAFIL d04898 EPINASTINE **OPHTHAI MIC** d04899 MEMANTINE d04901 FOSAMPRENAVIR d04902 EFALIZUMAB d04905 BROMPHENIRAMINE; DEXTROME-THORPH; PHENYLEPHRINE d04914 ESTRADIOL-LEVONORGESTREL d04915 SERTACONAZOLE TOPICAL

d04917 FLUOXETINE-OLANZAPINE d04920 PNEUMOCOCCAL 7-VALENT VACCINE d04933 TELITHROMYCIN d04935 TINIDAZOLE d04986 ACAMPROSATE d05044 BETAMETHASONE-CALCIPOTRIENE TOPICAL d05047 PEMETREXED d05048 AMLODIPINE-ATORVASTATIN d05101 CETUXIMAB d05150 CARBINOXAMINE; DEXTRO-METHORPHAN; PHENYLEPHRINE d05214 BEVACIZUMAB d05217 MYCOPHENOLIC ACID d05218 CINACALCET d05234 HYALURONAN d05278 INSULIN GLULISINE d05294 RIFAXIMIN d05332 PITCHER PLANT d05338 DIPHTHERIA-TETANUS TOXOIDS d05348 EZETIMIBE-SIMVASTATIN d05350 POLYETHYLENE GLYCOL 3350 d05351 APAP: PHENYLTOLOX-AMINE; SALICYLAMIDE d05352 EMTRICITABINE-TENOFOVIR d05354 ABACAVIR-LAMIVUDINE d05355 DULOXETINE d05357 IBANDRONATE d05361 CARBETAPENTANE-GUAIFENESIN d05395 LANTHANUM CARBONATE d05411 CHLORPHENIRAMINE-METHSCOPO-LAMINE d05412 ERLOTINIB d05413 SOLIFENACIN d05414 NATALIZUMAB d05415 IBUPROFEN-OXYCODONE d05421 ESZOPICLONE d05422 DARIFENACIN d05425 LOTEPREDNOL-TOBRAMYCIN **OPHTHALMIC**

d05434 BROMPHENIRAMINE; CARBETAPENTANE; PHENYLEPHRINE d05436 INSULIN DETEMIR d05461 SODIUM BENZOATE-SODIUM PHENYLACETATE d05471 ALPHA-D-GALACTOSIDASE d05473 DESLORATADINE-**PSEUDOEPHEDRINE** d05488 PRAMLINTIDE d05508 PREGABALIN d05525 ENTECAVIR d05526 ALENDRONATE-CHOLECALCIFEROL d05529 EXENATIDE d05535 HEME IRON POLYPEPTIDE d05537 TIGECYCLINE d05538 TIPRANAVIR d05540 HYDRALAZINE-ISOSORBIDE DINITRATE d05578 RAMELTEON d05612 RASAGILINE d05633 NEPAFENAC **OPHTHALMIC** d05635 METFORMIN-PIOGLITAZONE d05645 MEASLES; MUMPS; RUBELLA; VARICELLA VIRUS VACCINE d05646 SACCHAROMYCES **BOULARDII LYO** d05647 FERRIC SUBSULFATE TOPICAL d05659 DEFERASIROX d05674 GLIMEPIRIDE-ROSIGLITAZONE d05691 SORAFENIB d05694 ABATACEPT d05696 LENALIDOMIDE d05702 METHYL-SULFONYLMETHANE d05717 SUNITINIB d05719 RANOLAZINE d05736 LUBIPROSTONE d05748 BREWER'S YEAST d05765 INSULIN INHALATION, RAPID ACTING d05773 L-METHYLFOLATE d05776 IODINE d05782 DIPHTHERIA; TETANUS; PERTUSSIS, ACEL (DTAP)

PAGE 170

2007 NAMCS MICRO-DATA FILE DOCUMENTATION, APPENDIX III - GENERIC LIST

d05788 DECITABINE d05813 ZOSTER VACCINE LIVE d05817 HUMAN PAPILLOMAVIRUS VACCINE d05825 DARUNAVIR d05831 DASATINIB d05835 RANIBIZUMAB **OPHTHALMIC** d05847 EFAVIRENZ; EMTRICITABINE; **TENOFOVIR** d05848 ROTIGOTINE d05851 LEVOCETIRIZINE d05853 POSACONAZOLE d05856 GLIMEPIRIDE-PIOGLITAZONE

d05866 GUAR GUM d05879 PANITUMUMAB d05896 SITAGLIPTIN d05964 ALOE VERA d05973 CLINDAMYCIN-TRETINOIN TOPICAL d05974 ANTIHEMOPHILIC FACTOR d06032 FLUOCINOLONE OTIC d06214 COLLAGEN d06297 PALIPERIDONE d06370 TURMERIC d06653 CYANOCOBALAMIN; FOLIC ACID; PYRIDOXINE; STRONTIU d06662 AMLODIPINE-VALSARTAN

d06663 LISDEXAMFETAMINE d06665 ALISKIREN d06672 LAPATINIB d06720 METFORMIN-SITAGLIPTIN d06831 RETAPAMULIN TOPICAL d06848 LUTEIN d06860 OXYGEN d06861 CARBON DIOXIDE d06864 HELIUM-OXYGEN d06867 BIOTIN d06905 AMLODIPINE-OLMESARTAN d07315 GLUTAMINE d07347 BIFIDOBACTERIUM INFANTIS

B. DRUG ENTRY CODES AND NAMES IN NUMERIC ORDER

 B. DRUG ENTRY CODES AND NAMES IN NUMERIC ORDER

 00002
 TAMIFLU
 00099 ALOCRIL
 00190 ASA.

 00004
 DITOPAN XL II
 00100 ASA.
 00190 ABDEC
 00180 FADDEC

 00007 LIC
 00101 ISOSORBIDE DINITRATE
 00180 FADDEC
 00180 FADDEC
 00180 FADDEC

 00008 BICILIN LA
 00101 ORASA.
 00101 FADDEC
 00180 FADDEC
 00180 FADDEC

 000112 IPOL
 00110 ORASA.
 00110 TRATE
 00230 ALTONE
 00230 VAPARIN SODIUM

 00012 IPOL
 00110 ORASA.
 00110 TRATE
 00230 VAPARIN SODIUM
 00230 VAPARIN

 00117 SIGUINUS
 00117 SIGUAZONE
 00111 BORSORTAZONE
 00231 FADDEC
 00231 FADDEC

 00117 SIGUANUS
 00114 DUTTA XT
 00131 FADDEC
 00231 FADDEC
 00231 FADDEC

 00222 PREVNAR
 00113 BORDOREN
 00123 CADESA
 00131 FADDEC
 00231 FADDER

 00232 ACEN
 00132 CAL-MAG
 00131 CREARSA
 00231 CADESA
 00224 FADDAR

 00232 PROSTINEX
 00132 CAL-MAG
 00132 CAL-MAG
 00231 CADESA
 00224 FADDAR

 00233 ACEON
 00132 CAL-MAG
 00132 CAL-MAG

1021122010<th

2077 MARCS MICRO-DATA FLECOCUMENTATION, APPENDIX I - DATA STATE10233FARAMUNE10234FARAMUNE10234FARAMUNE10235FILORION REAL10236FILORION REAL10237FILORION REAL10238FILORION REAL10239FILORION REAL10230FILORION REAL10240FILORION REAL<

2007 NAMES MICRO-DATA FLIE DOCUMENTATION, APPENDIX II - DATA STATUS2008 ASTIMANC2009 ASTIMANC2009 ATTANAN2009 ATTANAN

 PAGE 176
 03405 MICRO-DATA FILE DOCUMENTATION - APPENDIX III, DRUG ENTRY LIST

 03286 IVERMECTIN
 03435 FUZEON
 04471 FORTEO

 03308 AUTAMINS W/C
 03436 OPTIGENE
 04071 FORTEO

 03308 PROVENTING
 03436 OPTIGENE
 04071 FORTEO

 03312 CORPAL CALCIUM DAILY
 03438 MARNORAN
 04085 BENZOTI

 03314 CORPAL CALCIUM DAILY
 03438 MARNORAN
 04085 BENZOTI

 03315 MITAMIN K5
 03434 CALVARERS NEADY-1TEA
 04081 EENZOTI

 03315 MITAMIN K5
 03435 AUXASCR B
 04081 EENZOTI

 03315 MITAMIN K5
 03475 AUXASCR B
 04081 EENZOTI

 03315 TITAMIN K5
 03475 AUXASCR B
 04098 EENZOTI

 03322 FIRMATIOPROSTI
 03349 BASIAN
 04105 EENZOTI

 03323 EENADRYL ALLERGY
 03368 BCO AUXENT
 04115 EORTORAN

 03324 EATISEPTIC SKIN
 03308 BELADONNA
 04122 AEEDNE

 03335 THTAM
 03308 BELADONNA
 04124 CALVAN

 03335 HITAMINE
 03308 BELADONNA
 04138 EORTORAN

 03335 THTAM
 03308 BELADONNA
 04134 AUTORAN

 03335 BLADONE
 03308 BELADONNA
 04144 CATATASCR

 <t 03421DARBEPOETIN ALFA04051CYMBALTACHELATED03423BACLOFEN04054CUBICIN04200CALCIUM ZINC03424BACTERIOSTATIC WATER04058DIALYVITEMAGNESIUM03426DIATX04063FERREX04201CALTRATE PLUS03427HUMIRA04066FIBER SOURCE04209CHOLINE MAGNESIUM03428EMTRICITABINE04068XOLAIRTRISALICYLATE03430BACTRIM04069FLAVOXATE HCL04212COENZYME03434HYOSCYAMINE04070BENZOIN(UNSPECIFIED)

 2027 NAMES MICRO-DATA FILE DOCUMENTATION APPENDIX III - DRUG TATIVE
 9423
 CEREFOLIN

 04221
 CEREFOLIN
 0433
 PROCITZIONE HC CREAM
 9433
 PROCITZIONE HC CREAM

 04231
 DECONIN
 0433
 PROCITZIONE HC CREAM
 9433
 PROCIDIA

 04231
 DECONIN
 0433
 PROCIDIA
 9433
 PROCIDIA
 9433

207 NAMES MICRO-DATA FLED COLUMENT COLUME COLUME COLUME COLUME198 FL198 FL

06240 CEVI-BID 06242 LEVSIN/SL

 PAGE 180
 Conversion of the 06710 CHOLESTYRAMINE RESIN 07033 BETAMIDE

126220142

08230 CYTOMEL 08245 CYTOXAN 08270 D.H.E. 45 08280 D.S.S. 08335 D-5 08340 D-50 08342 DACARBAZINE 08345 DACRIOSE

09090 DEXAMETHASONE SODIUM 09095 DEXAMETHASONE SODIUM PHOSPHATE
 De280
 D_S
 SODIUM PHOSPHATE
 ATROPINE SULFATE

 0833
 D_S
 09100
 DEXAMPEX
 09895
 DIPHTHERIA ATITANUS

 0834
 DACRABAZINE
 09100
 DEXTROAMPHETAMINE
 09805
 DIPHTHERIA TETANUS

 08345
 DACROSE
 09100
 DEXTROAMPHETAMINE
 09905
 DIPHTHERIA TETANUS

 08350
 DALLY MULTIPLE VITAMIN
 09170
 DEXTROAMPHETAMINE
 09905
 DIPHTHERIA TETANUS

 08350
 DALLY MULTIPLE VITAMIN
 09173
 DEXTROAMPHETAMINE
 09915
 DIPATIENTATOLIEN

 08360
 DALVERTOLENE
 09305
 DIAMOX
 09993
 DIPATIENTATOLIENE

 08410
 DANOCRINE
 09305
 DIAMOX
 09993
 DIPATIENTATOLIENE

 08425
 DANTRUM
 ENTERAB
 099930
 DIPATIENTA TETATOLIENE
 09305
 DIAMAX

 08440
 DAPA
 09330
 DIAZEPAM
 10020
 DURUTERIA TETANOL

 08440
 DAPA
 09330
 DIAZEPAM
 10020
 DURUTERIA TETANOL

 08440
 DARAVON
 09455 09100 DEXAMPEX 09118 DEXCHLORPHENIRAMINE

09875 DIPHENHYDRAMINE HCL 22 GA 09880 DIPHENOXYLATE HCL & ATROPINE SULFATE 09895 DIPHTHERIA ANTITOXIN 09900 DIPHTHERIA TETANUS

1705 1912007 MACC MACCA DE LA DOCUMENTATION - DEPUNCIU DU CUARDA DE LA DU CUARDA DE

W/PHENOLPHTHALEIN

PAGE 162200 MACCACUMUNCTURATION CONTRACT CONTRACT

2077 MARCS MARCADATA FLE DOCUMENTATION, APPENDIX III - DATA STATUS2420 P.A.Y.2015 MARCINE21373 MORPORYNE2420 P.A.Y.2015 MARCINE21373 MORPORYNE2240 P.A.Y.2016 MARCINE21400 MORPPRAIM2240 P.A.Y.2017 MARCAN21400 MORPPRAIM2240 P.A.Y.2018 MARCINE21400 MORPPRAIM2240 P.A.Y.2019 MARCINE21400 MORPPRAIM2240 P.A.Y.2019 MARCINE21400 MORPPRAIM2240 P.A.Y.2020 MARCINE2140 MORPPRAIM2240 P.A.Y.2020 MARCINE2140 MORPPRAIM2240 P.A.Y.2020 MARCINE2140 MORPPRAIM2240 P.A.Y.2020 MARCINE2140 MORPPRAIM2240 P.A.Y.2020 MARCINE2150 MURACINE2240 P.A.Y.2020 MARCINE2160 MURACINE2240 P.A.Y.2020 MARCINE2160 MURACINE2240 P.A.Y.2020 MURACINE2160 M

2000 MARCING CONCENTRATION ADMENDIATION CONCENTRATION2000 MARCING2000 MERLING27700 SECURING2000 MERLING27700 SE

PAGE 1002007 MUMER R
SUMPLY R
SUMPLY

2077 MARCH CONCRETE CONCRETENCE ACCOUNT OF CONCRETENCE20123378 ACCOUNT OF CONCRETENCE3422 VITAMINA SAN MURAL3379 ACCOUNT OF CONCRETENCE3422 VITAMINA SAN MURAL3379 ACCOUNT OF CONCRETENCE3422 VITAMINA SAN MURAL3379 ACCOUNT OF CONCRETENCE3425 VITAMINA SAN MURAL3379 ACCOUNT OF CONCRETENCE3425 VITAMINA SAN MURAL3379 ACCOUNT OF CONCRETENCE3475 VITAMINA SAN MURAL3370 ACCOUNT OF CON

PAGE 132200 MARCE DECOMPONENTIAL OF APPENDIX INCOMPACING DECOMPONENTIAL OF APPENDIX INCOMPACINAL OF APPENDIX INCOMPACING DECOMPONENTIAL OF APPENDIX

2000 CONTRACTION CONTRACT2000 CONTRA

PAGE 132007 MACC DACA DEL DOCUMENTATION - APPENDIX II, DEC DEL DEL CARLANDA9008 I SINDI9008 I SINDI9018 I DEC DEL DANAI9008 I MACADON9018 I DEC DEL DANAI9018 I MACADON9019 I ALUMANDA9018 I MACADON9010 I ALUMANDA9016 I NICADEND9010 I ALUMANDA9017 I NICATRON9010 I ALUMANDA9018 I DAUAH9010 I ALUMANDA9018 I DAUAH<tr

2077 MARCS MURCED-DATAFILE DOCUMENTATION, APPENDIX UND CONCENTION2087 MARCS MURCED-DATAFILE2087 MARCS MURCED-DATAFILE2088 MURCED-DATAFILE2089 MURCED-DATAFILE2080 MURCED-DATA

1702 100 102 FUNCTION2000 ADDITION CONTRACT ADDITION CONTR

207 NAMES MICRO-DATA FLE DOCUMENTATION, APPENDIX II - DRUG CHITAL STATUS9009ACLINATION9009ALENDRONATE SODIUM9009MOLINDONE9700CERESAN9009CETIRIZINE9009MOLINDONE9701ACRINATION9009CETIRIZINE9009MOLINDONE9701ACRINATION9009CETIRIZINE9009MOLINDONE9701ACRINATION9009CETIRIZINE9009MOLINDONE9701ACRINATION9001CARDINER9010MORENALIS9701ACRINATION9001CARDINER9010ACRINATION9701ACRINATION9002CARDINER9010ACRINATION9701ACRINATION9002CARDINER9011ACRINATION9701ACRINATION9002CARDINER9011ACRINATION9702ACRINATION9002CARDINER9111ACRINATION9702ACRINATION9002CARDINATION9112ACRINATION9702ACRINATION9002ALENDADOLE9122REMERON9702ACRINATION9002ALENDADOLE9123ACRINATION9702ACRINATION9002ALENDADOLE9124ACRINATION9702ACRINATION9002ALENDADOLE9124ACRINATION9702ACRINATION9003ALENDADOLE9135ACRINATION9703ACRINATION9004ALENDADOLE9135ACRINATION9703ACRINATION9004ALENDADOLE

PAGE 1322007 MACC CONCUMENTATION - OPPONUNC UNIT OF CONCUMENTATION OF CONCUM

99020SEROTONIN99108BETA AGONIST99187ACTICIN99023CORTISPORIN OTIC99109BUFFERED LIDOCAINE99189CALCIUM W/ VITAMIN D99026GLUCOSAMINE99110CARBOFED DM ORAL99190CORTIC99027LID SCRUBDROPS99191MUIL TIDEX 99080MIRALAX99156LIPID LOWERING AGEN99081MULTIVITAMINS W/ FOLIC
ACID99157LOPIDINE99084RELAXIN99159PROCUREN99085RELENZA99161ROPINIROLE HCL99088ZIAGEN99162TOPV99090ACTOS99163ANAPLEX DM99091AMPRENAVIR99165CHILDRENS MYLANTA99095HERCEPTIN99167COQ-1099096HYDRATED PETROLEUM99168CREATINE99098NITROQUICKPROGESTERONE 99097LTME DISEASE VACCINE99169DEPO-MEDROAT-99098NITROQUICKPROGESTERONE99099PLETAL99170DR. SMITH'S OINTMENT99101QUETIAPINE FUMARATE99172NOVOLIN 70/3099102THERATEARS99174PHOSPHORUS99103TUBEX99179PREVEN99104TUSSI-1299183THERAVITE99106XOPENEX99184TRIVORA99107ZADITOR99185UNIRECTIC

 99023
 CONTISPORIN OTIC
 99109
 BUFFERED LIDOCAINE
 99189
 CALCIUM W/ VITAMIN D

 99023
 CONTISPORIN OTIC
 99109
 DROPS
 99190
 CORTIC

 99027
 LID SCRUB
 99110
 CARBOFED DM ORAL
 99191
 MULTIDEX

 99027
 LID SCRUB
 99112
 D-5-W
 99191
 MULTIDEX

 99029
 PREDNISOLONE ACETATE
 99114
 ENDOCET
 99193
 SAM-E

 99030
 AVANDIA
 99111
 LIDOCAINE BICARBONATE
 99194
 ABACAVIR SULFATE

 99033
 LOODREL
 99119
 NITROPASTE
 99197
 DOLASETRON MESYLATE

 99033
 COPIDOGREL
 99121
 TRI-CHLOR
 99197
 DOLASETRON MESYLATE

 99036
 GLUCOSAMINE
 99122
 INTRODRIP
 99201
 ORTHO-CYCLEN

 99030
 LYMERIX
 99125
 NITRODRIP
 99203
 RITUXIMAB

 99040
 LYMERIX
 99126
 KARO
 99207
 RITUXIMAB

 99043
 PROAMATINE
 EPINEPHRINE/
 99208

Appendix III Multum Lexicon End-User License Agreement

1. Introduction

A. This License Agreement (the "License") applies to the Multum Lexicon database (the "Database"). This License does not apply to any other products or services of Cerner Multum, Inc. ("Multum"). A "work based on the Database" means either the Database or any derivative work under copyright law; i.e., a work containing the Database or a substantial portion of it, either verbatim or with modifications. A translation of the Database is included without limitation in the term "modification". Each end-user/licensee is addressed herein as "you".

B. Your use of the Database acknowledges acceptance of these restrictions, disclaimers, and limitations. You expressly acknowledge and agree that Multum is not responsible for the results of your decisions resulting from the use of the Database, including, but not limited to, your choosing to seek or not to seek professional medical care, or from choosing or not choosing specific treatment based on the Database.

C. Every effort has been made to ensure that the information provided in the Database is accurate, up-to-date, and complete, but no guarantee is made to that effect. In addition, the drug information contained herein may be time sensitive.

D. Multum does not assume any responsibility for any aspect of healthcare administered or not administered with the aid of information the Database provides.

2. Terms and Conditions for Copying, Distribution and Modification

A. You may copy and distribute verbatim copies of the Database as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Database a copy of this License (the readme.txt file) along with the Database and anything else that is part of the package, which should be identified.

B. You may modify your copy or copies of the Database or any portion of it to form a derivative work, and copy and distribute such modifications or work under the terms of Section 2.A. above, provided that you also meet all of these conditions:

i) You must cause the modified files to carry prominent notices stating that they are derived from the Multum Lexicon database from Cerner Multum, Inc. and that you changed the files and the date of any change(s).

ii) If you incorporate modified files into a computer program, you must cause it, when started running for interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice, a notice that you have modified the Multum Lexicon database from Cerner Multum, Inc., and a notice that there is no warranty (or that you provide the warranty) and telling the user how to view a copy of this License.

C. It is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Database.

D. You may copy and distribute the Database (or a work based on it, under Section 2.B.) in an encoded form under the terms of Sections 2.A. and 2.B. above provided that you also do one of the following:

i) Accompany it with the complete corresponding machine-readable plain text, which must be distributed under the terms of Sections 2.A and 2.B. above on a medium customarily used for software interchange; or,

ii) Accompany it with a written offer to give any third party, for no charge, a complete machine-readable copy of the Database (and the entirety of your derivative work based on it, under Section 2.B.), to be distributed under the terms of Sections 2.A. and 2.B. above on a medium customarily used for software interchange.

E. You may not copy, modify, sublicense, or distribute the Database except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Database will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

F. You are not required to accept this License. However, nothing else grants you permission to copy, modify or distribute the Database or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by copying, modifying or distributing the Database (or any work based on the Database), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Database or works based on it.

G. Each time you redistribute the Database (or any work based on the Database), the recipient automatically receives a license from Multum to copy, distribute or modify the Database subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

3. Disclaimer of Warranties; Limitation of Damages

A. BECAUSE THE DATABASE IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM OR DATA, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING. MULTUM AND/OR OTHER PARTIES PROVIDE THE DATABASE "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED, STATUTORY OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE DATABASE IS WITH YOU. SHOULD THE DATABASE PROVE DEFECTIVE, INCOMPLETE, OR INACCURATE, YOU ASSUME THE RESPONSIBILITY AND COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

B. IN NO EVENT (UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING) WILL MULTUM, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE DATABASE AS PERMITTED ABOVE, BE LIABLE FOR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR INDIRECT DAMAGES, INCLUDING DAMAGES FOR LOSS OF PROFITS, LOSS OF BUSINESS, OR DOWN TIME, EVEN IF MULTUM OR ANY OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

C. IN ADDITION, WITHOUT LIMITING THE FOREGOING, THE DATABASE HAS BEEN DESIGNED FOR USE IN THE UNITED STATES ONLY AND COVERS THE DRUG PRODUCTS USED IN PRACTICE IN THE UNITED STATES. MULTUM PROVIDES NO CLINICAL INFORMATION OR CHECKS FOR DRUGS NOT AVAILABLE FOR SALE IN THE UNITED STATES AND CLINICAL PRACTICE PATTERNS OUTSIDE THE UNITED STATES MAY DIFFER SUBSTANTIALLY FROM INFORMATION SUPPLIED BY THE DATABASE. MULTUM DOES NOT WARRANT THAT USES OUTSIDE THE UNITED STATES ARE APPROPRIATE.

D. You acknowledge that updates to the Database are at the sole discretion of Multum. Multum makes no representations or warranties whatsoever, express or implied, with respect to the compatibility of the Database, or future releases thereof, with any computer hardware or software, nor does Multum represent or warrant the continuity of the features or the facilities provided by or through the Database as between various releases thereof.

E. Any warranties expressly provided herein do not apply if: (i) the end-user alters, mishandles or improperly uses, stores or installs all, or any part, of the Database, (ii) the end-user uses, stores or installs the Database on a computer system which fails to meet the specifications provided by Multum, or (iii) the breach of warranty arises out of or in connection with acts or omissions of persons other than Multum.

4. Assumption of Risk, Disclaimer of Liability, Indemnity

A. THE END-USER ASSUMES ALL RISK FOR SELECTION AND USE OF THE DATABASE AND CONTENT PROVIDED THEREON. MULTUM SHALL NOT BE RESPONSIBLE FOR ANY ERRORS, MISSTATEMENTS, INACCURACIES OR OMISSIONS REGARDING CONTENT DELIVERED THROUGH THE DATABASE OR ANY DELAYS IN OR INTERRUPTIONS OF SUCH DELIVERY.

B. THE END-USER ACKNOWLEDGES THAT MULTUM: (A) HAS NO CONTROL OF OR RESPONSIBILITY FOR THE END-USER'S USE OF THE DATABASE OR CONTENT PROVIDED THEREON, (B) HAS NO KNOWLEDGE OF THE SPECIFIC OR UNIQUE CIRCUMSTANCES UNDER WHICH THE DATABASE OR CONTENT PROVIDED THEREON MAY BE USED BY THE END-USER, (C) UNDERTAKES NO OBLIGATION TO SUPPLEMENT OR UPDATE CONTENT OF THE DATABASE, AND (D) HAS NO LIABILITY TO ANY PERSON FOR ANY DATA OR INFORMATION INPUT ON THE DATABASE BY PERSONS OTHER THAN MULTUM.

C. MULTUM SHALL NOT BE LIABLE TO ANY PERSON (INCLUDING BUT NOT LIMITED TO THE END-USER AND PERSONS TREATED BY OR ON BEHALF OF THE END-USER) FOR, AND THE END-USER AGREES TO INDEMNIFY AND HOLD MULTUM HARMLESS FROM ANY CLAIMS, LAWSUITS, PROCEEDINGS, COSTS, ATTORNEYS' FEES, DAMAGES OR OTHER LOSSES (COLLECTIVELY, "LOSSES") ARISING OUT OF OR RELATING TO (A) THE END-USER'S USE OF THE DATABASE OR CONTENT PROVIDED THEREON OR ANY EQUIPMENT FURNISHED IN CONNECTION THEREWITH AND (B) ANY DATA OR INFORMATION INPUT ON THE DATABASE BY END-USER, IN ALL CASES INCLUDING BUT NOT LIMITED TO LOSSES FOR TORT, PERSONAL INJURY, MEDICAL MALPRACTICE OR PRODUCT LIABILITY.

5. Miscellaneous

A. You warrant that you have authority within the organization you identified during registration for the Database to enter into license agreements with other organizations including Multum.

B. You agree that Multum may identify you and/or your organization by name as a "licensee", "licensed user", or "licensing organization" of the Database or a "client" of Multum in Multum's external market communications. You also agree that Multum may issue, if it desires, a press release stating that you and/or your organization have licensed the Database.

C. If conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other obligations, then as a consequence you may not distribute the Database at all.

D. If any portion of this License is held invalid or unenforceable under any particular circumstance, the balance of this License is intended to apply and the License as a whole is intended to apply in other circumstances.

E. If the distribution and/or use of the Database is or becomes restricted in certain countries either by patents or by copyrighted interfaces, Multum may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

Multum Lexicon Copyright (c) 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007 Cerner Multum, Inc. 2000 South Colorado Blvd, Suite 11000 Denver, Colorado 80222

APPENDIX III. MULTUM CLASSIFICATION OF THERAPEUTIC CLASSES (DRUG CATEGORIES)

Level 1			Level 2		Level 3		
CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME		
001	anti-infectives	002	Amebicides				
001	anti-infectives	003	Anthelmintics				
001	anti-infectives	004	Antifungals	235	polyenes		
001	anti-infectives	004	Antifungals	236	azole antifungals		
001	anti-infectives	004	Antifungals	237	miscellaneous antifungals		
001	anti-infectives	004	Antifungals	310	echinocandins		
001	anti-infectives	005	antimalarial agents	238	antimalarial quinolines		
001	anti-infectives	005	antimalarial agents	239	miscellaneous antimalarials		
001	anti-infectives	005	antimalarial agents	328	antimalarial combinations		
001	anti-infectives	006	antituberculosis agents	230	aminosalicylates		
001	anti-infectives	006	antituberculosis agents	231	nicotinic acid derivatives		
001	anti-infectives	006	antituberculosis agents	232	rifamycin derivatives		
001	anti-infectives	006	antituberculosis agents	233	streptomyces derivatives		
					miscellaneous antituberculosis		
001	anti-infectives	006	antituberculosis agents	234	agents		
001	anti-infectives	006	antituberculosis agents	329	antituberculosis combinations		
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		
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	chemokine receptor antagonist		

	Level 1		Level 2		Level 3
CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME
001	anti-infectives	007	antiviral agents	366	integrase strand transfer inhibitor
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	next generation cephalosporins
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	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		
001	anti-infectives	017	urinary anti-infectives		
001	anti-infectives	018	aminoglycosides		
001	anti-infectives	240	lincomycin derivatives		
001	anti-infectives	315	glycylcyclines		
020	antineoplastics	021	alkylating agents		
020	antineoplastics	022	antibiotics/antineoplastics		
020	antineoplastics	023	antimetabolites		
020	antineoplastics	024	hormones/antineoplastics		
020	antineoplastics	025	miscellaneous antineoplastics		

PAGE 206

2007 NAMCS MICRO-DATA FILE DOCUMENTATION

	Level 1		Level 2		Level 3
CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME
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		
028	biologicals	030	antitoxins and antivenins		
028	biologicals	032	colony stimulating factors		
028	biologicals	034	in vivo diagnostic biologicals		
028	biologicals	036	recombinant human erythropoietins		
028	biologicals	390	hematopoietic stem cell mobilizer		
040	cardiovascular agents	041	agents for hypertensive emergencies		
040	cardiovascular agents	042	angiotensin converting enzyme 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	cardioselective beta blockers
040	cardiovascular agents	047	beta-adrenergic blocking agents	275	non-cardioselective beta blockers
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 diuretics
040	cardiovascular agents	049	diuretics	157	carbonic anhydrase inhibitors
040	cardiovascular agents	049	diuretics	158	miscellaneous diuretics

	Level 1		Level 2		Level 3
CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME
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		
040	cardiovascular agents	056	angiotensin II inhibitors		
040	cardiovascular agents	303	agents for pulmonary hypertension		
040	cardiovascular agents	319	vasopressin antagonists		
040	cardiovascular agents	325	sclerosing agents		
040	cardiovascular agents	340	aldosterone receptor agonists		
040	cardiovascular agents	342	renin 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 agents	064	anticonvulsants	200	succinimide anticonvulsants
057	central nervous system agents	064	anticonvulsants	201	barbiturate anticonvulsants
057	central nervous system agents	064	anticonvulsants	202	oxazolidinedione anticonvulsants
057	central nervous system agents	064	anticonvulsants	203	benzodiazepine anticonvulsants
057	central nervous system agents	064	anticonvulsants	204	miscellaneous anticonvulsants
057	central nervous system agents	064	anticonvulsants	311	dibenzazepine anticonvulsants
057	central nervous system agents	064	anticonvulsants	345	fatty acid derivative anticonvulsants

	Level 1		Level 2		Level 3
CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME
					gamma-aminobutyric acid reuptake
057	Central nervous system agents	064	anticonvulsants	346	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		064	antiaanuulaanta	351	carbonic anhydrase inhibitor anticonvulsants
057	central nervous system agents	064	anticonvulsants anticonvulsants	351	urea anticonvulsants
	central nervous system agents				
057	central nervous system agents	065	antiemetic/antivertigo agents	195	5HT3 receptor antagonists
057	control nonyous system agente	065	antiamatia/antivartiza aganta	196	phenothiazine antiemetics
057	central nervous system agents		antiemetic/antivertigo agents		an Cale - Para a la car Cara - Car
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	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	anorexiants		
057	central nervous system agents	312	cholinergic agonists		
057	central nervous system agents	313	cholinesterase inhibitors		
057	central nervous system agents	378	drugs used in alcohol dependence		
081	coagulation modifiers	082	anticoagulants	261	heparins
081	coagulation modifiers	082	anticoagulants	262	coumarins and indandiones
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	084	heparin antagonists		
081	coagulation modifiers	085	miscellaneous coagulation modifiers		
081	coagulation modifiers	086	thrombolytics		
081	coagulation modifiers	384	platelet-stimulating agents		
087	gastrointestinal agents	088	antacids		
087	gastrointestinal agents	090	antidiarrheals		
087	gastrointestinal agents	091	digestive enzymes		
087	gastrointestinal agents	092	gallstone solubilizing agents		
087	gastrointestinal agents	093	GI stimulants		
087	gastrointestinal agents	094	H2 antagonists		
087	gastrointestinal agents	095	laxatives		
087	gastrointestinal agents	096	miscellaneous GI agents		
087	gastrointestinal agents	272	proton pump inhibitors		
087	gastrointestinal agents	277	5-aminosalicylates		
087	gastrointestinal agents	354	H. pylori eradication agents		
087	gastrointestinal agents	355	functional bowel disorder agents	89	anticholinergics/antispasmodics
087	gastrointestinal agents	355	functional bowel disorder agents	356	serotoninergic neuroenteric modulators
087	gastrointestinal agents	355	functional bowel disorder agents	362	chloride channel activators

	Level 1		Level 2		Level 3
CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME
087		355	functional howal disorder agonta	375	peripheral opioid receptor
087	gastrointestinal agents hormones	098	functional bowel disorder agents adrenal cortical steroids	300	antagonists corticotrophin
097	hormones	098	adrenal cortical steroids	301	glucocorticoids
097	hormones	098	adrenal cortical steroids	302	mineralocorticoids
097	hormones	100	miscellaneous hormones	302	
097	hormones	100	sex hormones	102	contraceptives
097	hormones	101	sex hormones	182	androgens and anabolic steroids
097		101		182	estrogens
097	hormones	101	sex hormones sex hormones	183	gonadotropins
097		101	sex hormones	185	progestins
097	hormones hormones	101	sex hormones	185	sex hormone combinations
097	hormones	101	sex hormones	180	miscellaneous sex hormones
097		101	sex hormones	279	
097	hormones hormones	101	sex hormones	279	gonadotropin releasing hormones 5-alpha-reductase inhibitors
097		101		200	
	hormones	-	thyroid drugs		
097	hormones	217	bisphosphonates		
097	hormones	295	growth hormones		
097	hormones	318	insulin-like growth factor		
097	hormones	357	growth hormone receptor blockers		
097	hormones	373	incretin hormones		
097	hormones	377	prolactin hormones		
105	miscellaneous agents	106	antidotes		
105	miscellaneous agents	107	chelating agents		
105	miscellaneous agents	108	cholinergic muscle stimulatns		
105	miscellaneous agents	109	local injectable anesthetics		
105	miscellaneous agents	110	miscellaneous uncategorized agents		
105	miscellaneous agents	111	psoralens		
105	miscellaneous agents	113	genitourinary tract agents	263	impotence agents

Level 1			Level 2		Level 3
CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME
105	miscellaneous agents	113	genitourinary tract agents	264	urinary antispasmodics
105	miscellaneous agents	113	genitourinary tract agents	265	urinary pH modifiers
105	miscellaneous agents	113	genitourinary tract agents	266	miscellaneous genitourinary tract agents
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		
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	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		
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	topic debriding agents
133	topical agents	136	dermatological agents	381	topical depigmenting agents
133	topical agents	136	dermatological agents	382	topical antihistamines
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

	Level 1		Level 2		Level 3
CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME
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	150	sterile irrigating solutions		
133	topical agents	151	vaginal preparations	149	spermicides
133	topical agents	151	vaginal preparations	268	vaginal anti-infectives
133	topical agents	151	vaginal preparations	269	miscellaneous vaginal agents
133	topical agents	247	nasal preparations	244	nasal lubricants and irrigations
133	topical agents	247	nasal preparations	245	nasal steroids
133	topical agents	247	nasal preparations	246	nasal antihistamines and decongestants
133	topical agents	247	nasal preparations	344	nasal anti-infectives
153	plasma expanders				
218	alternative medicines	219	nutraceutical products		
218	alternative medicines	220	herbal products		
218	alternative medicines	363	probiotics		
242	psychotherapeutic agents	249	antidepressants	76	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

PAGE 214

2007 NAMCS MICRO-DATA FILE DOCUMENTATION

	Level 1		Level 2		Level 3
CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME	CAT ID	CATEGORY NAME
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	77	miscellaneous antipsychotic agents
242	psychotherapeutic agents	251	antipsychotics	79	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	031	bacterial vaccines		
254	immunologic agents	033	immune globulins		
254	immunologic agents	037	toxoids		
254	immunologic agents	038	viral vaccines		
254	immunologic agents	039	miscellaneous biologicals		
254	immunologic agents	104	immunosuppressive agents		
254	immunologic agents	256	interferons		
254	immunologic agents	257	monoclonal antibodies		
331	radiologic agents	027	radiopharmaceuticals	338	diagnostic radiopharmaceuticals
331	radiologic agents	027	radiopharmaceuticals	339	therapeutic radiopharmaceuticals
331	radiologic agents	112	radiocontrast agents	333	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	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

	Level 1		Level 2		Level 3
CAT		CAT		CAT	
ID	CATEGORY NAME	ID	CATEGORY NAME	ID	CATEGORY NAME
					miscellaneous antihyperlipidemic
358	metabolic agents	019	antihyperlipidemic agents	174	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	099	antidiabetic agents	213	sulfonylureas
358	metabolic agents	099	antidiabetic agents	214	non-sulfonylureas
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	metabolics agents	194	antigout agents		
358	metabolic agents	289	antihyperuricemic agents		
358	metabolic agents	293	glucose elevating agents		
358	metabolic agents	359	peripherally acting antiobesity agents		
358	metabolic agents	360	lysosomal enzymes		
358	metabolic agents	361	miscellaneous metabolic agents		
365	medical gas				