

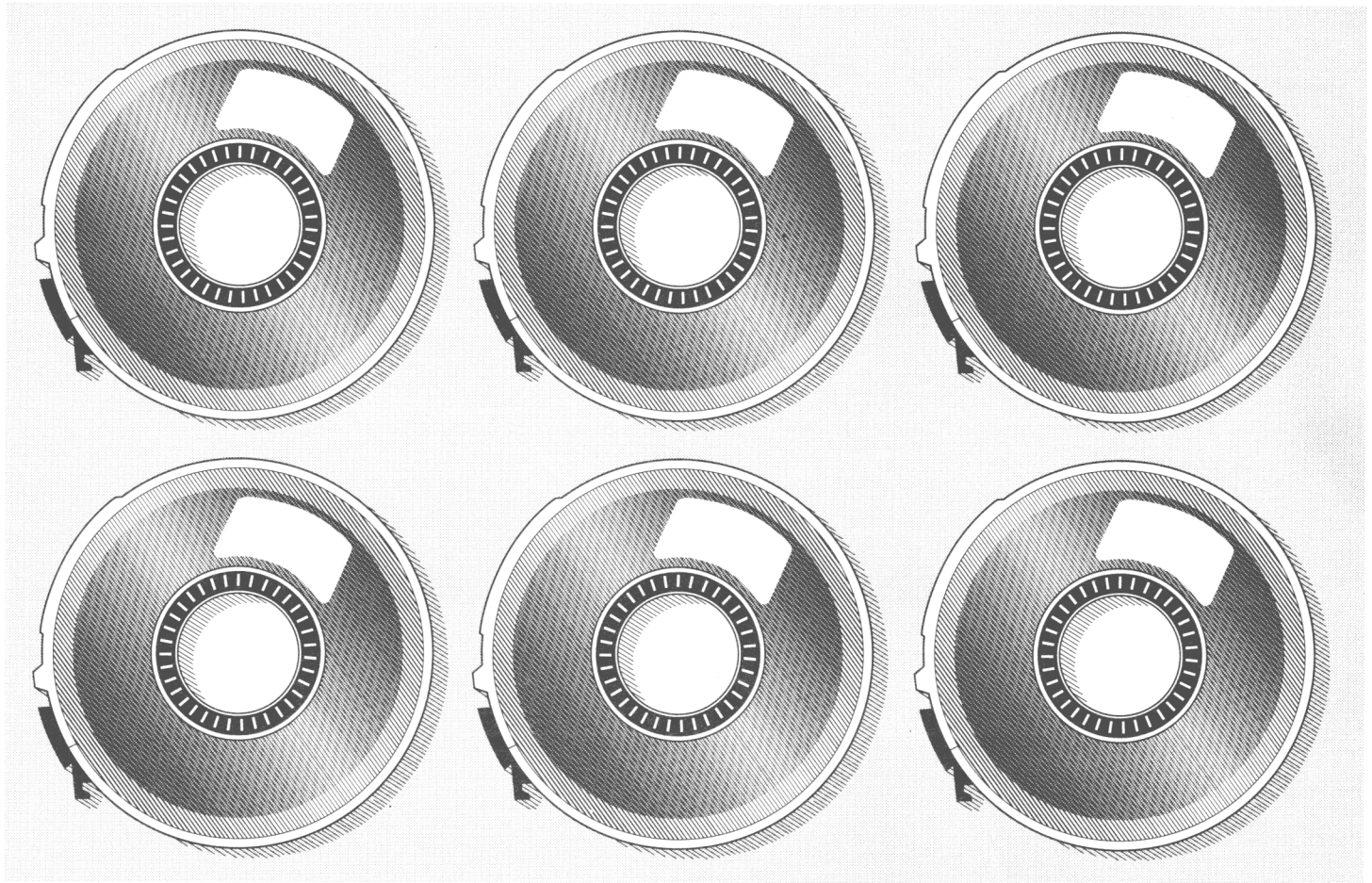
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# Public Use Data Tape Documentation

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Drug Mentions

National Ambulatory Medical Care Survey, 1990



U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES  
Public Health Service  
Centers for Disease Control



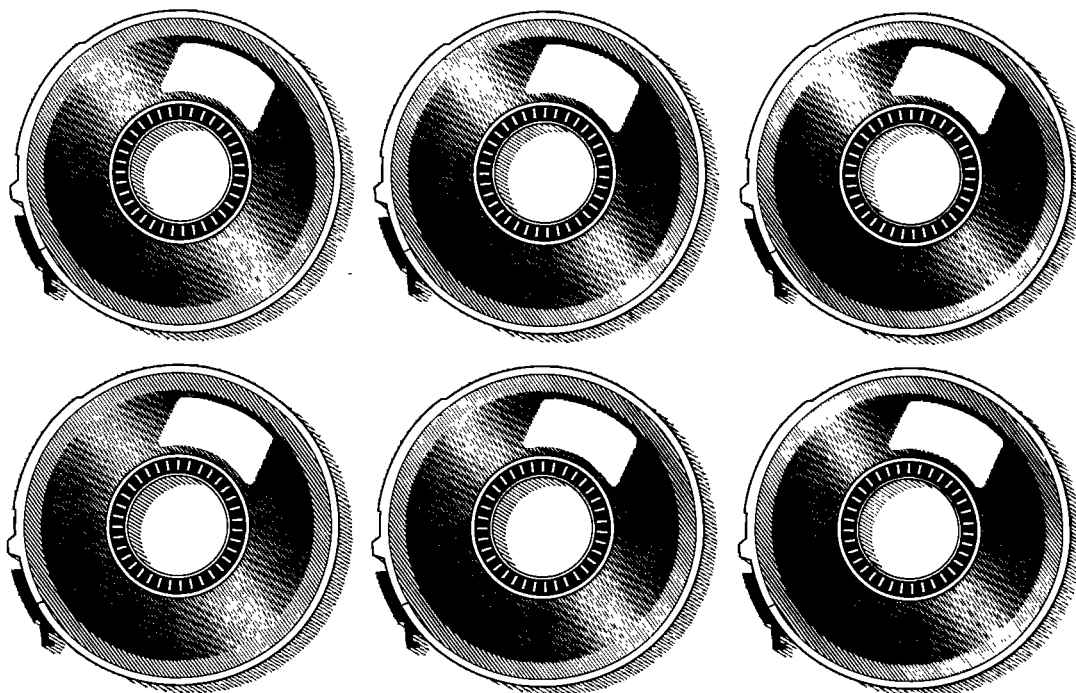
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Centers for Disease Control  
National Center for Health Statistics

Hyattsville, Maryland  
May 1992

## ABSTRACT

This report provides documentation for users of the 1990 National Ambulatory Medical Care Survey (NAMCS) Micro-Data Tapes for Drug Mentions. (Documentation of the 1990 NAMCS Micro-Data Tape for Patient visits is contained in a separate report.) 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 details of the tape (number of tracks, record length, etc.), and a detailed description of the contents of each data record by location. Section III contains marginal data or estimates for each item on the data record in Section II. The appendixes contain sampling errors, instructions and definitions for completing the patient record form, and lists of codes used in the survey.

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## I. DESCRIPTION OF THE NATIONAL AMBULATORY MEDICAL CARE SURVEY

## INTRODUCTION

The (NAMCS) is a national survey of patient visits to physicians' offices. Patient visit data were obtained through use of a patient encounter form (figure 1) completed by physicians for a sample of their patient visits. In 1980, 1981, and 1985, and continuously from 1989, the NAMCS encounter form included a question which asked for a listing of all drugs/medications ordered, administered or provided during the visit. To facilitate analysis of these drug data, a data tape has been prepared which includes a separate record for each drug entered on each sample encounter form. This tape, called the drug mention tape, contains information on 43,792 drugs mentioned in the national sample of 43,469 patient visits.

The information contained in the drug mention tape comes from three sources. Characteristics of the patient visit and of the attending physician are derived from the 1990 NAMCS. Characteristics of the drugs themselves (e.g., generic ingredients, composition status, etc.) are obtained from the Drug Product Information File, maintained and marketed by the American Druggist Blue Book Data Center, and from the National Drug Code Directory, produced by the National Center for Drugs and Biologics of the U.S. Public Health Service.

For a brief description of the survey design and data collection procedures, see below. For a more detailed description of the survey design, data collection procedures, and the estimation process see references 1 and 2. A brief statement on sampling errors can be found in the appendix of this document.

There are two important points relative to analyzing data from this micro-data tape that should be noted:

- 1-Micro-data tape users should be fully aware of the importance of the "drug weight" and how it must be used. Information about the drug weight is presented on page 13. If more information is needed the staff of the Ambulatory Care Statistics Branch can be consulted by calling 301/436-7132 during regular working hours.
- 2-Users should also be aware of the reliability or unreliability of certain estimates, particularly the smaller estimates. The National Center for Health Statistics, which conducts many health surveys of the American people, considers an estimate to be reliable if it has a relative standard error of 30% or less. 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 tape users can obtain an adequate working knowledge of the relative standard error from the information presented in the Appendix. If you would like more information, do not hesitate to consult the staff of the Ambulatory Care Statistics Branch.

### SCOPE OF THE SURVEY

The basic sampling unit for the NAMCS is the physician-patient encounter or visit. Only visits in the offices of nonfederally employed physicians classified by the American Medical Association (AMA) or the American Osteopathic Association (AOA) as "office-based, patient care" were included in the 1990 NAMCS. In addition, physicians in the specialties of anesthesiology, pathology, and radiology were excluded from the physician universe. Major types of ambulatory encounters not included in the 1990 NAMCS were those made by telephone, those made outside of the physician's office, and those made in hospital or institutional settings.

### SAMPLING FRAME AND SIZE OF SAMPLE

The sampling frame for the 1990 NAMCS was composed of all physicians contained in the master files maintained by the AMA and AOA as of December 31, 1989, 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.

The 1990 NAMCS sample included 3,063 physicians: 2,770 MD's and 293 doctors of osteopathy. Sample physicians were screened at the time of the survey to assure that they met the above-mentioned criteria, 794 physicians did not meet all of the criteria and were, therefore, ruled out of scope (ineligible) for the study. The most frequent reasons for being out of scope were that the physician was retired, deceased, or employed in teaching, research, or administration. Of the 2,269 in-scope (eligible) physicians, 74 percent, participated in the study. The physician universe, sample size, and response rates by physician specialty are shown in table I. Of the participating physicians, 237 saw no patients during their assigned reporting period because of vacations, illness, or other reasons for being temporarily not in practice.

TABLE I. DISTRIBUTION OF PHYSICIANS IN THE UNIVERSE AND IN THE 1990 NATIONAL AMBULATORY MEDICAL CARE SURVEY SAMPLE BY PHYSICIAN SPECIALTY AND RESPONSE STATUS: UNITED STATES, 1990.

	UNIVERSE*	NAMCS SAMPLE	OUT OF SCOPE	IN SCOPE	NON- RESPONSE	RESPONSE	RESPONSE RATE**
ALL SPECIALTIES	326,987	3063	794	2269	585	1684	74
GENERAL/FAMILY PRACTICE	56,523	450	.114	336	83	253	75
OSTEOPATHY	12,844	293	74	219	40	179	82
INTERNAL MEDICINE	46,317	257	61	196	62	134	68
PEDIATRICS	26,580	204	72	132	26	106	80
GENERAL SURGERY	19,458	280	83	197	48	149	76
OBSTETRICS & GYNECOLOGY	25,458	197	40	157	43	114	73
ORTHOPEDIC SURGERY	14,291	140	23	117	34	83	71
CARDIOVASCULAR DISEASES	10,769	149	35	114	38	76	67
DERMATOLOGY	5,953	135	22	113	34	79	70
UROLOGY	7,356	141	31	110	31	79	72
PSYCHIATRY	22,163	127	36	91	26	65	71
NEUROLOGY	5,704	133	40	93	15	78	84
OPHTHALMOLOGY	13,082	130	19	111	19	92	83
OTOLARYNGOLOGY	6,337	126	23	103	34	69	67
ALL OTHER SPECIALTIES	54,152	301	121	180	52	128	71

\*THESE 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.

\*\* RESPONSE RATE (PERCENT) = RESPONSE DIVIDED BY IN SCOPE.

## SAMPLE DESIGN

The 1990 NAMCS utilized a multistage probability design that involved probability samples of primary sampling units (PSU's), physician practices within PSU's, and patient visits within practices. The first-stage sample included 112 PSU's. A PSU is a county, a group of adjacent counties, or a standard metropolitan statistical area (SMSA).

The second stage consisted 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 were stratified by fifteen specialty groups: general and family practice, osteopathy\*, internal medicine, pediatrics, general surgery, obstetrics and gynecology, orthopedic surgery, cardiovascular disease, dermatology, urology, psychiatry, neurology, ophthalmology, otolaryngology, and all other specialties.

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 20-percent sample for very large practices as determined in a presurvey interview. The method by which the sampling rate was determined is described in reference 3.

\*Osteopaths (DO's) were a separate stratum in the sample design, as shown in response table 1, but are included with medical doctors (MD's) in data tabulations by specialty.

## FIELD ACTIVITIES

The first contact with the sample physician is through a letter from the Director, NCHS, which may be accompanied by a letter from one of the 16 national medical associations that endorse the NAMCS providing the physician is a member of one or more of these associations. After the physician has received the introductory letter(s) the field representative telephones the physician to set up an appointment with him or her to discuss the survey and instruct the doctor on how to complete the forms.

## DATA COLLECTION

The actual data collection for the NAMCS was carried out by the physician aided by his office staff when possible. Two data collection forms were employed by the physician: The Patient Log and the Patient Record (Figure I). The Patient Log is used to sequentially list patients seen in the physician's office during his assigned reporting week. This list served as the sampling frame to indicate the visit for which data were to be recorded. A perforation between the patient names and patient visit characteristics permitted the physician to remove patient names and protect confidentiality.

Based on the physician's estimate of the expected number of office visits each physician was assigned a patient-sampling ratio. These ratios were designed so that about 30 Patient Records were completed during the assigned reporting week. Physicians expecting 10 or fewer visits each day recorded data for all of them, while those expecting more than 10 visits per day recorded data for every second, third, or fifth visit based on the predetermined sampling interval. These procedures minimized the data collection workload and maintained approximately equal reporting levels among sample physicians regardless of practice size. For physicians assigned a patient sampling ratio, a random start was provided on the first page of the log, so that predesignated sample visits on each succeeding page of the log provided a systematic random sample of patient visits during the reporting period.

## DATA PROCESSING

In addition to the completeness checks made by the field staff, clerical edits were performed upon receipt of the data for central processing. These procedures proved quite efficient, reducing the item nonresponse rates to a negligible amount--6 percent or less for all data items.

Information from the Induction Interview and Patient Record was keypunched, with 100-percent verification and converted to computer tape. Extensive computer consistency and edit checks were also performed. Data items still unanswered at this point were imputed by randomly assigning a value from a Patient Record with similar characteristics; imputations were based on physician specialty and broad diagnostic categories.



PATIENT LOG

PATIENT RECORD  
NATIONAL AMBULATORY MEDICAL CARE SURVEY

As each patient arrives, record name and time of visit on the log below. For the patient entered on line #2, also complete the patient record to the right.

PAGE 7

PATIENT'S NAME

TIME OF VISIT

1	a.m.
2	p.m.
	a.m.
	p.m.

Record items 1-17 for this patient

FIGURE 1

CONTINUE LISTING PATIENTS ON NEXT PAGE

1. DATE OF VISIT

Month / Day / Year

2. ZIP CODE

4. SEX

- 1  FEMALE
- 2  MALE

5. COLOR OR RACE

- 1  WHITE
- 2  BLACK
- 3  ASIAN/PACIFIC ISLANDER
- 4  AMERICAN INDIAN/ESKIMO/ALEUT

6. ETHNICITY

- 1  HISPANIC ORIGIN
- 2  NOT HISPANIC

7. EXPECTED SOURCE(S) OF PAYMENT  
[Check all that apply]

- 1  SELF-PAY
- 2  MEDICARE
- 3  MEDICAID
- 4  BLUE CROSS/BLUE SHIELD
- 5  OTHER COMMERCIAL INSURANCE
- 6  PRE-PAID PLAN HMO/IPA/PPO
- 7  NO CHARGE
- 8  OTHER [Specify]

8. WAS PATIENT REFERRED FOR THIS VISIT BY ANOTHER PHYSICIAN?

- 1  YES
- 2  NO

3. DATE OF BIRTH

Month / Day / Year

9. PATIENT'S COMPLAINT(S), SYMPTOM(S), OR OTHER REASON(S) FOR THIS VISIT [In patient's own words]

a. MOST IMPORTANT

b. OTHER

10. PHYSICIAN'S DIAGNOSES

a. PRINCIPAL DIAGNOSIS/PROBLEM ASSOCIATED WITH ITEM 9a.

b. OTHER SIGNIFICANT CURRENT DIAGNOSES

11. HAVE YOU SEEN PATIENT BEFORE?

- 1  YES
- 2  NO

IF YES, FOR THE CONDITION IN ITEM 10a?

- 1  YES
- 2  NO

12. DIAGNOSTIC/SCREENING SERVICES  
[Check all ordered or provided]

- 1  NONE
- 2  PAP TEST
- 3  PELVIC EXAM
- 4  BREAST PALPATION
- 5  MAMMOGRAM
- 6  VISUAL ACUITY
- 7  BLOOD PRESSURE CHECK
- 8  URINALYSIS
- 9  CHEST X-RAY
- 10  DIGITAL RECTAL EXAM
- 11  PROCT/SIGMOIDOSCOPY
- 12  STOOL BLOOD EXAM
- 13  ORAL GLUCOSE TOL.
- 14  CHOLESTEROL MEASURE
- 15  HIV SEROLOGY
- 16  OTHER BLOOD TEST
- 17  OTHER [Specify]

13. COUNSELING/ADVICE  
[Check all ordered or provided]

- 1  NONE
- 2  WEIGHT REDUCTION
- 3  CHOLESTEROL REDUCTION
- 4  SMOKING CESSATION
- 5  HIV TRANSMISSION
- 6  BREAST SELF-EXAM
- 7  OTHER

14. NON-MEDICATION THERAPY  
[Check all ordered or provided]

- 1  NONE
- 2  PSYCHOTHERAPY
- 3  CORRECTIVE LENSES
- 4  AMBULATORY SURGERY
- 5  PHYSIOTHERAPY
- 6  OTHER [Specify]

15. MEDICATION THERAPY [Record all new or continued medications ordered or provided at this visit. Use the same brand name or generic name entered on any Rx or office medical record. Include immunizing and desensitizing agents.]

IF NONE, CHECK HERE

	a. NEW MEDICATION?		b. FOR DX IN ITEM 10a?	
	YES	NO	YES	NO
1. _____	1 <input type="checkbox"/>	2 <input type="checkbox"/>	1 <input type="checkbox"/>	2 <input type="checkbox"/>
2. _____	1 <input type="checkbox"/>	2 <input type="checkbox"/>	1 <input type="checkbox"/>	2 <input type="checkbox"/>
3. _____	1 <input type="checkbox"/>	2 <input type="checkbox"/>	1 <input type="checkbox"/>	2 <input type="checkbox"/>
4. _____	1 <input type="checkbox"/>	2 <input type="checkbox"/>	1 <input type="checkbox"/>	2 <input type="checkbox"/>
5. _____	1 <input type="checkbox"/>	2 <input type="checkbox"/>	1 <input type="checkbox"/>	2 <input type="checkbox"/>

16. DISPOSITION THIS VISIT  
[Check all that apply]

- 1  NO FOLLOW-UP PLANNED
- 2  RETURN AT SPECIFIED TIME
- 3  RETURN IF NEEDED, P R N
- 4  TELEPHONE FOLLOW-UP PLANNED
- 5  REFERRED TO OTHER PHYSICIAN
- 6  RETURNED TO REFERRING PHYSICIAN
- 7  ADMIT TO HOSPITAL
- 8  OTHER [Specify]

17. DURATION OF THIS VISIT  
[Time actually spent with physician]

Minutes

1990 NAMCS MICRO-DATA TAPE DOCUMENTATION FOR DRUG MENTIONS

## MEDICAL CODING

The patient record form contains three medical items, each of which requires a separate coding system. The three coding systems are described briefly below. A two-way independent verification procedure was used to control the medical coding operation. Differences between coders were adjudicated by a third coder. Definitions of the three medical items are on pages 32 and 34 of this documentation.

(A) Patient's Reason for Visit: Information contained in item 9 (patient's reason for visit) of the Patient Record was coded according to an updated version of A Reason for Visit Classification for Ambulatory Care (RVC).<sup>4/</sup> The updated classification has not been published as of this writing but the list of codes is contained 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 composed of seven modules. The digits 1 through 8 precede the 3-digit RVC codes to identify the various modules as follows:

<u>Prefix</u>	<u>Module</u>
"1"	= symptom module
"2"	= disease module
"3"	= diagnostic, screening, and preventive module
"4"	= treatment module
"5"	= injuries and adverse effects module
"6"	= test results module
"7"	= administrative module
"8"	= Uncodable entries
"9"	= special code = blank

A maximum of 3 reasons were coded, in sequence; coding instructions concerning the patient reason for visit are contained in the NAMCS Medical Coding Manual.<sup>7/</sup> Copies are available upon request.

(B) Physician's Diagnoses: Diagnostic information in item 10 of the Patient Record was coded according to the International Classification of Diseases, 9th Revision, Clinical Modification (ICD-9-CM).<sup>5/</sup> For 1990 NAMCS micro-data tape tabulations involving principal diagnoses, the following characteristics exist:

1. The prefix "1" preceding the diagnostic codes has been added to identify all codes in the range 001.00-999.90, e.g. '138100' = '381.00' = Acute nonsupporative otitis media, unspecified.
2. The prefix "20" preceding diagnostic codes represents V code diagnoses V01.00-V82.90, e.g. '201081' = 'V10.81' = personal history of malignant neoplasm of bone. In other words, change the "20" to "V."

NOTE: The use of prefixes facilitates the calculation of percent distributions, while substituting "20" for the letter "V" allows that all diagnostic fields on the data tape will contain numerical data.

3. In addition to the diagnostic codes from the ICD-9-CM there are 3 unique codes in the diagnostic fields that were developed by the NAMCS staff:

209900 = - noncodable diagnosis  
- insufficient information for coding  
- illegible diagnosis

209970 = diagnosis of "none"

900000 = blank diagnosis

A maximum of three diagnoses were coded in sequence: coding instructions concerning diagnoses are contained in the NAMCS Medical Coding Manual.<sup>7/</sup> •

(C) Medication Therapy This Visit: The NAMCS drug data in item 15 have been classified and coded according to a unique classification scheme<sup>6/</sup> developed at NCHS. A list of the drug codes are in Appendix III. The following drug characteristics appear on this tape.

**Drug Entry Name:** The specific drug identifier entered by the recording physician. It corresponds with the entry made on any Prescription or medical order.

**Drug Entry Code:** A unique, 5-digit code applied to each entry name.

**Generic Name:** The official name assigned to every drug entity by the United States Pharmacopeia or other responsible authorities.

**Generic Name Code:** A unique, 5-digit code assigned to each generic name.

**Entry Status Code:** A unique code which identifies an entry choice as either a trade name or generic name.

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

**Controlled Substance Status Code:** A code used to denote the degree of potential abuse and federal control of a drug entry.

**Composition Status Code:** A code used to distinguish between single-ingredient and combination drugs.

**Ingredient Codes:** Codes used to identify the active, generic ingredients of combination drugs. A maximum of 5 ingredients can be identified for each combination drug.

**Drug Class Code:** A code used to identify each of 20 major classes to which the drug entry may belong. (Adapted from Standard Drug Classifications used in National Drug Code (NDC) Directory, 1982.)

**Number of Drugs Coded:** (0-5) Refers to the total number of medication codes that were recorded for this visit.

#### POPULATION FIGURES

The base population used in computing annual visit rates is presented in table II. These figures are based on provisional estimates for the civilian noninstitutionalized population as of July 1, 1990, provided by the U.S. Bureau of the Census. The population estimates are presented here solely for the purpose of providing denominators for rate computation and should not be considered as official population estimates.

Table II. U.S. population <sup>1/</sup> estimates used in computing annual visit rates for the National Ambulatory Care Survey, by age, sex, race, and geographic region: July 1, 1990.

Race, Sex, and Region	Population Age									
	All Ages	< 5 years	5-14 years	15-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65-74 years	75 years and over
	(in 1,000's <sup>2/</sup> )									
Total	246,098	19,085	35,637	34,952	42,730	37,329	25,319	21,266	18,096	11,685
<u>Sex</u>										
Male	119,364	9,768	18,243	17,318	21,025	18,274	12,276	10,049	8,077	4,336
Female	126,734	9,317	17,394	17,635	21,705	19,055	13,043	11,217	10,019	7,348
<u>Race and Sex</u>										
White	207,125	15,388	28,754	28,283	35,676	31,896	21,801	18,538	16,213	10,578
Male	101,042	7,943	14,793	14,043	17,759	15,835	10,682	8,817	7,252	3,920
Female	106,083	7,445	13,961	14,240	17,917	16,061	11,119	9,721	8,961	6,658
Black	30,371	2,986	5,562	5,110	5,344	4,077	2,647	2,138	1,576	930
Male	14,175	1,518	2,825	2,439	2,422	1,820	1,172	966	676	336
Female	16,196	1,468	2,737	2,671	2,922	2,257	1,475	1,172	899	594
Other	8,602	711	1,321	1,559	1,710	1,356	870	590	307	177
Male	4,147	307	625	836	844	619	421	266	149	80
Female	4,455	404	696	723	866	737	449	324	159	97
<u>Region</u>										
Northeast	49,901									
Midwest	59,788									
South	84,223									
West	52,187									

<sup>1/</sup> Civilian noninstitutional population<sup>2/</sup> Numbers may not add to totals because of rounding.

## ESTIMATION PROCEDURES

Statistics produced from the 1990 National Ambulatory Medical Care Survey were derived by a multistage estimating procedure. The procedure produces essentially unbiased national estimates and has basically three components: (1) inflation by reciprocals of the probabilities of selection, (2) adjustment for nonresponse, and (3) a ratio adjustment to fixed totals. Each of these components is described briefly below.

(1) INFLATION BY RECIPROCAL OF 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 Records completed. All weekly estimates were inflated by a factor of 52 to derive annual estimates.

(2) ADJUSTMENT FOR NONRESPONSE--Estimates from the NAMCS data were adjusted to account for sample physicians who did not participate in the study. This was done in such a manner as to minimize the impact of nonresponse on final estimates by imputing to nonresponding physicians the practice characteristics of similar responding physicians. For this purpose, similar physicians were judged to be physicians having the same specialty designation and practicing in the same PSU.

(3) RATIO-ADJUSTMENT.--A poststratification adjustment was made within each of fifteen 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-AOA master files, and the denominator was based on data from the sample.

### SAMPLING ERRORS

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

### DRUG WEIGHT

The "Drug 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 tape users. The statistics contained on the micro-data tape reflect data concerning only a sample of drug mentions--and not a complete count of all the drug mentions that were provided in the United States. The "drug weight" is an inflation factor assigned to each drug record. By aggregating the "drug weights" an estimated complete count or national estimate can be obtained.

References<sup>1/</sup>

NCHS published statistics from the NAMCS in Series 13 of VITAL AND HEALTH STATISTICS, PHS No. 1000, Public Health Service, Washington, U.S. Government Printing Office.

1. National Center for Health Statistics: National Ambulatory Medical Care Survey: Background and Methodology, United States, VITAL AND HEALTH STATISTICS. Series 2-No. 61 DHEW Pub. (HRA) 74-1335. Health Resources Administration. Washington. U.S. Government Printing Office. March 1974.
2. National Center for Health Statistics: 1989 Summary: National Ambulatory Medical Care Survey, United States. Vital and Health Statistics, Series 13-No. 110. DHHS Publication No. (PHS) 92-1771. Public Health Service. Hyattsville, Maryland: U.S. Government Printing Office, May, 1992.
3. Induction Interview Form. National Ambulatory Medical Care Survey. Bureau of the Census. OMB NO. 068-572106.
4. National Center for Health Statistics: A Reason for Visit Classification for Ambulatory Care, United States. VITAL AND HEALTH STATISTICS. Series 2-No. 78. DHEW Pub. No. (PHS) 79-1352. Public Health Service. Hyattsville, Maryland. U.S. Government Printing Office, February 1979.
5. National Center for Health Statistics: International Classification of Diseases, 9th Revision, Clinical Modification (ICD-9-CM). DHHS Pub. No. (PHS) 80-1260. Public Health Service. Washington. U.S. Government Printing Office, September, 1980.
6. National Ambulatory Medical Care Survey: Coding Procedures for Medication Entries, NAMCS 1980.
7. National Ambulatory Medical Care Survey: 1977 Medical Coding Manual.

<sup>1/</sup>Information concerning other reports written on 1990 data may be obtained from the Ambulatory Care Statistics Branch.



TECHNICAL DESCRIPTION OF TAPE

Data set name:	DRUG1990
Number of reels:	1
Number of recording tracks:	9
Density (bpi):	1600 OR 6250
Language:	EBEDIC
Parity:	ODD
Record length:	238
Blocksize:	23,800
Number of records:	43,792
Computer compatibility:	IBM 360 or 370

## 1990 Format For Drug Micro Data Tape

This section consists of a detailed breakdown of each tape record, providing a brief description of each item of data included in the records. The data are arranged sequentially according to their physical location on the tape record. Unless otherwise stated in the "item description" column, the data are derived from the patient record (page 7). The AMA and the induction interview (reference 3) are alternate sources of data, while the computer generates other items by recoding selected data items.

Item No.	Field Length	Tape Location	Item description and codes
1	5	1-5	<u>Drug entry code</u> 00010-61610 : Specific drug code 99980 : Legible but not on drug list 99999 : Illegible
2	40	6-45	<u>Drug entry name</u> The brand or generic name assigned to each drug entry code. (See pages 63-71 for complete list of drug entry codes and names)
3	5	46-50	<u>Generic name code</u> 50005-81114 : Specific generic code 50000 : Generic name undetermined
4	40	51-90	<u>Generic name</u> The official name assigned to each generic code (See pages 72-78 for complete list of generic codes and names)
5	1	91	<u>Entry status code</u> 1 = Generic name 2 = Trade name 3 = Undetermined
6	1	92	<u>Prescription status code</u> 1 = Prescription drug 2 = Nonprescription drug 3 = Undetermined
7	1	93	<u>Controlled substance status code</u> 1 = Schedule I (research only) 2 = Schedule II 3 = Schedule III 4 = Schedule IV 5 = Schedule V 6 = No control 7 = Undetermined

Item No.	Field Length	Tape Location	Item description and codes
8	1	94	<u>Composition status code</u> 1 = Single entity drug 2 = Combination drug 3 = Undetermined
9	25	95-119	<u>Ingredient codes</u> (Ingredients of combination drugs; maximum of 5 generic name codes) Ingredient code (50005-80014, or 5000) Ingredient code (50005-80014, or 5000) Ingredient code (50005-80014, or 5000) Ingredient code (50005-80014, or 5000) Ingredient code (50005-80014, or 5000)
10	2	120-121	<u>Drug classes</u> 01-19 : Major NDC drug class 20 : Other or undetermined (See page 79 for list of major NDC drug class codes and names)
11	1	122	<u>Number of drugs listed for this visit</u> Range : 1-5
12	6	123-128	<u>Date of visit</u>
12.1	2	123-124	Month of visit 01-12: January-December
12.2	2	125-126	Day of visit 01-31
12.3	2	127-128	Year of visit Last 2 digits of year (89,90)
13	2	129-130	<u>Patient age</u> (in years; derived from date of birth) 00-99
14	1	131	<u>Sex</u> 1 = Female 2 = Male
15	1	132	<u>Race</u> 0 = Unspecified 1 = White 2 = Black 3 = Asian/Pacific Islander 4 = American Indian/Eskimo/Aleut
16	1	133	<u>Ethnicity</u> 0 = Unspecified 1 = Hispanic origin 2 = Not Hispanic

Item No.	Field Length	Tape Location	Item description and codes
17	9	134-142	<u>Expected source(s) of payment</u>
17.1	1	134	Self-pay (1=Yes, and 0=No)
17.2	1	135	Medicare "
17.3	1	136	Medicaid "
17.4	1	137	Blue Cross/Blue Shield "
17.5	1	138	Other commercial insurance "
17.6	1	139	HMO/Pre-paid plan "
17.7	1	140	No charge "
17.8	1	141	Other "
17.9	1	142	Unknown "
18	1	143	<u>Was patient referred by another physician</u> 1 = Yes 2 = No
19	15	144-158	<u>Patient reasons for visit (see page 8 and ref. 4)</u>
19.1	5	144-148	Reason # 1 10050-89990 = 10050-89990 Blank = 90000
19.2	5	149-153	Reason # 2 10050-89990 = 10050-89990 Blank = 90000
19.3	5	154-158	Reason # 3 10050-89990 = 10050-89990 Blank = 90000
20	18	159-176	<u>Physician's diagnoses (see page 9 and ref. 5)</u>
20.1	6	159-164	Diagnosis # 1 00100-V9990 = 100100-209990 Blank = 900000
20.2	6	165-170	Diagnosis # 2 00100-V9990 = 100100-209990 Blank = 900000
20.3	6	171-176	Diagnosis # 3 00100-V9990 = 100100-209990 Blank = 900000
21.1	1	177	<u>Have you seen patient before?</u> 1 = Yes 2 = No
21.2	1	178 *	<u>If yes, for the diagnosis in item 10a?</u> 0 = Not applicable 1 = Yes 2 = No

Item No.	Field Length	Tape Location	Item description and codes	
22	17	179-195	<u>Screening/diagnostic services this visit</u>	
22.1	1	179	None	(1=Yes, and 0=No)
22.2	1	180	Pap test	"
22.3	1	181	Pelvic exam	"
22.4	1	182	Breast palpation	"
22.5	1	183	Mammogram	"
22.6	1	184	Visual acuity	"
22.7	1	185	Blood pressure check	"
22.8	1	186	Urinalysis	"
22.9	1	187	Chest x-ray	"
22.10	1	188	Digital rectal exam	"
22.11	1	189	Proct/sigmoidoscopy	"
22.12	1	190	Stool blood exam	"
22.13	1	191	Oral glucose tolerance	"
22.14	1	192	Cholesterol measure	"
22.15	1	193	HIV serology	"
22.16	1	194	Other blood test	"
22.17	1	195	Other (specify)	"
23	7	196-202	<u>Counseling/advice</u>	
23.1	1	196	None	(1=Yes, and 0=No)
23.2	1	197	Weight reduction	"
23.3	1	198	Cholesterol reduction	"
23.4	1	199	Smoking cessation	"
23.5	1	200	HIV transmission	"
23.6	1	201	Breast self exam	"
23.7	1	202	Other	"
24	6	203-208	<u>Non-medication therapy</u>	
24.1	1	203	None	(1=Yes, and 0=No)
24.2	1	204	Psychotherapy	"
24.3	1	205	Corrective lenses	"
24.4	1	206	Ambulatory surgery	"
24.5	1	207	Physiotherapy	"
24.6	1	208	Other (specify)	"
25	8	209-216	<u>Disposition of this visit</u>	
25.1	1	209	No follow-up planned	(1=Yes, and 0=No)
25.2	1	210	Return at specified time	"
25.3	1	211	Return if needed, p.r.n.	"
25.4	1	212	Telephone follow-up planned	"
25.5	1	213	Referred to other physician	"
25.6	1	214	Returned to referring physician	"
25.7	1	215	Admit to hospital	"
25.8	1	216	Other (specify)	"

Item No.	Field Length	Tape Location	Item description and codes
26	3	217-219	<u>Duration of this visit</u> (in minutes) 000-999
27	6	220-225	<u>Drug weight</u> (see page 13) A right justified, alphanumeric integer developed by the NAMCS staff for the purpose of producing national estimates from sample estimates.
28	1	226	<u>Geographic region</u> (based on actual location of physician's practice) 1 = Northeast 2 = Midwest 3 = South 4 = West
29	1	227	<u>Metropolitan/nonmetropolitan statistical area</u> 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 = NONMSA (Nonmetropolitan Statistical Area)
30	3	228-230	<u>Physician specialty</u> A left justified alphanumeric field from 1 to 3 letters, obtained from the AMA or AOA. The specialty is verified or updated when the physician is asked to participate in the survey. See "List of designated specialty codes" on page 21 of this documentation.
31	1	231	<u>Type of doctor</u> 1 = M.D. - Doctor of Medicine 2 = D.O. - Doctor of Osteopathy

The following fields had data imputed to replace blanks

32	1	232	Birth year	(1=imputed, and blank=not imputed)
33	1	233	Sex	"
34	1	234	Referral	"
35	1	235	Seen patient before	"
36	1	236	If yes, for diagnosis in 10a	"
37	1	237	Disposition of visit	"
38	1	238	Duration of visit	"

Designated Specialties in the National Ambulatory Medical Care Survey, 1990  
(From 1990 AMA List of Designated Specialty Codes)

GENERAL PRACTICE

GP General Practice  
FP Family Practice

INTERNAL MEDICINE

IM Internal Medicine

PEDIATRICS

ADL Adolescent Medicine  
NPM Neonatal-Perinatal Medicine  
PD Pediatrics  
PDA Pediatric Allergy  
PDC Pediatric Cardiology  
PDE Pediatrics, Endocrinology  
PHO Pediatrics, Hematology-Oncology  
PNP Pediatrics, Nephrology

GENERAL SURGERY

GS General Surgery

OBSTETRICS AND GYNECOLOGY

GYN Gynecology  
OBG Obstetrics and Gynecology  
OBS Obstetrics

PSYCHIATRY

CHP Child Psychiatry  
P Psychiatry  
PYA Psychoanalysis

CARDIOVASCULAR DISEASES

CD Cardiovascular Diseases

DERMATOLOGY

D Dermatology

ORTHOPEDIC SURGERY

ORS Orthopedic Surgery

OPHTHALMOLOGY

OPH Ophthalmology

OTOLARYNGOLOGY

OTO Otolaryngology  
FPS Facial Plastic Surgery,  
Otolaryngology

NEUROLOGY

CHN Child Neurology  
N Neurology

UROLOGY

U Urologic Surgery

ALL OTHER SPECIALTIES

A Allergy  
ABS Abdominal Surgery  
AI Allergy and Immunology  
AM Aerospace Medicine  
CCM Critical Care Medicine  
CDS Cardiovascular Surgery  
CRS Colon and Rectal Surgery  
DIA Diabetes  
EM Emergency Medicine  
END Endocrinology  
GE Gastroenterology  
GER Geriatrics  
GPM General Preventive Medicine  
HEM Hematology  
HNS Head and Neck Surgery  
HS Hand Surgery  
ID Infectious Diseases  
IG Immunology  
LM Legal Medicine  
NEP Nephrology  
NS Neurological Surgery  
NTR Nutrition  
OM Occupational Medicine  
ON Oncology  
OS Other Specialty  
PA Clinical Pharmacology  
PDS Pediatric Surgery  
PH Public Health  
PM Physical Medicine and  
Rehabilitation  
PS Plastic Surgery  
PUD Pulmonary Disease  
RHU Rheumatology  
TRS Traumatic Surgery  
TS Thoracic Surgery  
US Unspecified Specialty  
VS Vascular Surgery

## III. Marginal Data

For all specialties any cell with an estimate of 915,000 drug mentions or less has a relative standard error of 30 percent or more. Such an estimate is considered an unreliable statistic according to the standards of reliability of the National Center for Health Statistics. For individual specialties the 30 percent relative standard error level varies. See Table III in Appendix I for the errors for individual specialties.

- Data not available
- ... Category not applicable
- Quantity zero
- 0.0 Quantity more than 0 but less than 0.05
- \* Figure does not meet standards of reliability or precision
- Figure suppressed to comply with confidentiality requirements



1990 MARGINALS

ENTRY STATUS	TOTAL	GENERIC NAME	TRADE NAME	UNDETERMINED	RECORDS MENTIONS PERCENT
	ALL	43792	7587	31249	
	759405534	131892749	543356614	84156171	
	100.000	17.368	71.550	11.082	

PRESCRIPTION STATUS	TOTAL	PRESCRIPTION DRUG	NON PRESCRIPTION DRUG	UNDETERMINED	RECORDS MENTIONS PERCENT
	ALL	43792	36809	3773	
	759405534	637299662	68451613	53654259	
	100.000	83.921	9.014	7.065	

CONTROLLED SUBSTANCE STATUS	TOTAL	CONTROLLED DRUGS	UNCONTROLLED DRUGS	UNDETERMINED	RECORDS MENTIONS PERCENT
	ALL	43792	2948	37829	
	759405534	49612512	658729017	51064005	
	100.000	6.533	86.743	6.724	

NATIONAL DRUG CODE CLASSES	TOTAL	ANESTHETIC/ADJUNCTS 01	ANTI-DOTES 02	ANTI-MICROBIALS 03	HEMATOLOGICS 04	CARDIOVASCULAR 05	CENTRAL NERV SYS 06
	ALL	43792	336	12	6989	542	6496
	759405534	3635835	*208537	125594058	9913861	111124936	46402254
	100.000	0.479	0.027	16.538	1.305	14.633	6.110
		RADIOPHARMACEUTS 07	GASTROINTESTINALS 08	METABOLIC NUTRIENTS 09	HORMONES/HORM MECH 10	IMMUNOLOGICS 11	SKIN MUCS MEMBRANE 12
		321	1774	1582	3574	1000	3031
		5922497	31271854	29447609	67549033	19337378	43776864
		0.780	4.118	3.878	8.895	2.546	5.765
		NEUROLOGICS 13	ONCOLOGICS 14	OPHTHALMICS 15	OTICS 16	DRUGS FOR PAIN RELF 17	ANTIPARASITICS 18
		1217	294	1861	283	4507	105
		14140436	5776340	30703931	4734496	77444099	1842200
		1.862	0.761	4.043	0.623	10.198	0.243
		RESPIRATORY TRCT 19	UNCLASIF/MISC 20				
		4264	2475	Records			
		87490537	43088779	Mentions			
		11.521	5.674	Percent			

COMPOSITION STATUS	TOTAL	SINGLE INGREDIENT DRUG	COMBINATION DRUG	UNDETERMINED	RECORDS MENTIONS PERCENT
	ALL	43792	33268	7515	
	759405534	573498492	134907335	50999707	
	100.000	75.519	17.765	6.716	

1990 MARGINALS

PATIENT AGE	TOTAL	< 15	15-24	25-44	45-64	65-74	75+
ALL	43792	6356	3528	10565	10669	6980	5694
	759405534	124994671	61974055	174963921	180623491	118867021	97982375
	100.000	16.460	8.161	23.040	23.785	15.653	12.903

PATIENT SEX	TOTAL	FEMALE	MALE	RECORDS
ALL	43792	26446	17346	MENTIONS
	759405534	465574434	293831100	PERCENT
	100.000	61.308	38.692	

PATIENT AGE AND SEX	TOTAL	FEMALE < 15	FEMALE 15-24	FEMALE 25-44	FEMALE 45-64	FEMALE 65-74	FEMALE 75 +
ALL	43792	3033	2253	6980	6358	4112	3710
	759405534	59164918	39247937	117749399	109908181	73074849	66429150
	100.000	7.791	5.168	15.505	14.473	9.623	8.748
		MALE < 15	MALE 15-24	MALE 25-44	MALE 45-64	MALE 65-74	MALE 75 +
		3323	1275	3585	4311	2868	1984
		65829753	22726118	57214522	70715310	45792172	31553225
		8.669	2.993	7.534	9.312	6.030	4.155

PATIENT RACE	TOTAL	WHITE	BLACK	ASIAN/PA ISLANDER	AMER IN/ESK/ALEU	UNSPECIFIED	RECORDS
ALL	43792	37232	4358	1098	126	978	MENTIONS
	759405534	637424413	80535500	22868937	1846184	16730500	PERCENT
	100.000	83.937	10.605	3.011	0.243	2.203	

ETHNICITY	TOTAL	HISPANIC	NOT HISPANIC	UNSPECIFIED	RECORDS
ALL	43792	2328	39012	2452	MENTIONS
	759405534	37042137	679550784	42812613	PERCENT
	100.000	4.878	89.485	5.638	

SOURCE OF PAYMENT	TOTAL	SELF PAY	MEDICARE	MEDICAID	BL CROSS BL SHELDED	OTHER COMMER	HMO/PRE-PAIDPLAN
ALL	43792	13007	12072	4167	6234	9640	5676
	759405534	235998489	205391779	74375973	100737433	167772581	107598854
	100.000	31.077	27.046	9.794	13.265	22.093	14.169
		NO CHARGE	OTHER	UNKNOWN	RECORDS		
		432	1943	668	MENTIONS		
		6332088	32241702	10824159	PERCENT		
		0.834	4.246	1.425			

PATIENT REFERRAL STATUS	TOTAL	YES	NO	RECORDS
ALL	43792	2146	41646	MENTIONS
	759405534	28441310	730964224	PERCENT
	100.000	3.745	96.255	

## 1990 MARGINALS

VISIT STATUS	TOTAL	NEW PAT	OLD PAT NEW PROB	OLD PAT OLD PROB	RECORDS MENTIONS PERCENT
ALL	43792	6189	9090	28513	
	759405534	95329502	174744995	489331037	
	100.000	12.553	23.011	64.436	

DIAGNOSTIC SERVICES	TOTAL	NONE	PAP TEST	PELVIC EXAM	BREAST PALPATION	MAMMO GRAM	VISUAL ACUITY
ALL	43792	13904	1383	2101	1780	560	1920
	759405534	239210661	27746966	41302792	36915265	11047798	32012881
	100.000	31.500	3.654	5.439	4.861	1.455	4.216

	BLOOD PRESSURE	URINE	CHEST X-RAY	DIG-RECT AL EXAM	PROCTO SIGMOID	STOOL-BL OOD EXAM
	20130	4686	1576	1387	164	1077
	368578322	85034416	29911618	24880747	2712356	20706773
	48.535	11.197	3.939	3.276	0.357	2.727

	ORAL GLU COSE TOL	CHOLESTR MEASURE	HIV SEROLOGY	OTHER BL OOD TEST	OTHER DX SERV	RECORDS MENTIONS PERCENT
	166	2159	48	7332	11611	
	3648498	38680566	*796628	137462848	186241245	
	0.480	5.094	0.105	18.101	24.525	

COUNSELING/ADVICE	TOTAL	NONE	WEIGHT REDUCTION	CHOLEST REDUCTION	SMOKING CESSATION	HIV TRANSMI	BREAST SELF EX
ALL	43792	25595	3723	2264	1274	67	720
	759405534	446117837	68639864	41649610	23786634	1086615	14730752
	100.000	58.746	9.039	5.485	3.132	0.143	1.940

	OTHER	RECORDS MENTIONS PERCENT
	13394	
	224494209	
	29.562	

NON-MEDICATION THERAPY	TOTAL	NONE	PSYCHO THERAPY	CORRECT LENSES	AMBULAT SURGERY	PHYSIO THERAPY	OTHER
ALL	43792	35566	1907	179	608	1218	4613
	759405534	630810286	29433987	2641348	6670165	18217245	75753469
	100.000	83.066	3.876	0.348	0.878	2.399	9.975

DISPOSITION	TOTAL	NO FOLLOW	RETURN SPECTIME	RETURN IF NEEDED	TELEPHON FOLLOWUP	REFER TO OTR PHYS	RETURN TO REF PHYS
ALL	43792	2424	30267	9379	1966	1176	514
	759405534	46252423	514395672	173548757	34007783	21024299	6590456
	100.000	6.091	67.737	22.853	4.478	2.769	0.868

	ADMIT TO HOSPITAL	OTHR DIS POSITION	RECORDS MENTIONS PERCENT
	299	554	
	4293259	7665987	
	0.565	1.009	

1990 MARGINALS

NUMBER OF MEDICATIONS	TOTAL	1 MED	2 MEDS	3 MEDS	4 MEDS	5 MEDS	
ALL	43792	13536	12846	7692	4168	5550	RECORDS
	759405534	230715556	221729706	133431279	76482328	97046665	MENTIONS
	100.000	30.381	29.198	17.570	10.071	12.779	PERCENT

DURATION OF VISIT	TOTAL	ZERO MINUTES	1-5 MINUTES	6-10 MINUTES	11-15 MINUTES	16-30 MINUTES	31+ MINUTES
ALL	43792	307	3029	11055	14121	12188	3092
	759405534	5634778	54596776	205287703	248705590	200575454	44605233
	100.000	0.742	7.189	27.033	32.750	26.412	5.873

MSA-NONMSA	TOTAL	MSA**	NONMSA	(**MSA = METROPOLITAN STATISTICAL AREA)
ALL	43792	33115	10677	RECORDS
	759405534	558676800	200728734	MENTIONS
	100.000	73.568	26.432	PERCENT

MD VS DO	TOTAL	DO	MD	
ALL	43792	6321	37471	RECORDS
	759405534	49313993	710091541	MENTIONS
	100.000	6.494	93.506	PERCENT

13 MOST FREQUENTLY VISITED SPECIALTIES	TOTAL	GEN PRAC	INT MED	PEDIATRI	GEN SURG	OB-GYNS	ORTH SUR
ALL	43792	13856	6190	3603	1282	1724	623
	759405534	251959966	149369883	76370034	12597371	35687024	11034937
	100.000	33.179	19.669	10.057	1.659	4.699	1.453

CARD VAS	DERMATOL	URO SURG	PSYCHIAT	NEUR SUR
2704	2865	825	1289	1842
25152878	29572190	5145128	18515724	7585974
3.312	3.894	0.678	2.438	0.999

OPHTHALM	OTOLARYN	OTHER	
1887	1372	3730	RECORDS
30808287	12340728	93265410	MENTIONS
4.057	1.625	12.281	PERCENT

GENERAL RFV-7 MODULES	TOTAL	SYMPTOM MODULE	DISEASE MODULE	DAGNOSTC SCREENING PREVNTIV	TREATMENT MODULE	INJURY + ADVERSE EFFECTS
ALL	43792	28189	5127	4527	3914	817
	759405534	473285186	88445747	88779784	71467315	14114862
	100.000	62.323	11.647	11.691	9.411	1.859

TEST RESULTS MODULE	ADMINIST-TRATIVE MODULE	UNCODE-ABLE	BLANK	
395	141	319	363	RECORDS
8092449	2525393	5943189	6751609	MENTIONS
1.066	0.333	0.783	0.889	PERCENT

1990 MARGINALS

GEOGRAPHIC REGION	TOTAL	NORTHEAST	MIDWEST	SOUTH	WEST	RECORDS MENTIONS PERCENT
ALL	43792	7600	12509	14597	9086	
	759405534	136159009	199224120	260903655	163118750	
	100.000	17.930	26.234	34.356	21.480	

MAJOR ICD-9-CM CLASSES	TOTAL	INF/PAR DISEASES	NEOPLASM	ENDOCRIN NUT+META	MENTAL DISORDRS	NERVOUS SYSTEM	CIRCULAT SYSTEM
ALL	43792	1490	963	2103	1980	5008	6392
	759405534	26208483	17350135	43509135	30275694	77480885	103560620
	100.000	3.451	2.285	5.729	3.987	10.203	13.637

	RESPIRAT SYSTEM	DIGESTIV SYSTEM	GENITOUR SYSTEM	SKIN+SUB TISSUE	MUSCULOS SYSTEM	RECORDS MENTIONS PERCENT
	7993	1558	2204	3507	3010	
	165962832	28576417	34490475	45596482	53395477	
	21.854	3.763	4.542	6.004	7.031	

	SYMPTOMS SIGNS+IL	INJURY + POISONING	SUPLEMEN CLASIFIC	ALL OTHR DAGNOSES	UNKNOWN + BLANK	RECORDS MENTIONS PERCENT
	1650	2000	3118	436	380	
	25468606	33655812	58457210	8444742	6972529	
	3.354	4.432	7.698	1.112	0.918	

ALL SPECIALTIES	TOTAL	ALLERGY A	ABDOMIN AL SURG ABS	ADOLESC ENT MED ADL	ALLERGY +IMMUNO AI	CARDIOV DISEASS CD	CARDIOV SURGERY CDS
ALL	43792	252	9	22	279	2704	50
	759405534	15223365	*166896	1749132	8650485	25152878	1080183
	100.000	2.005	0.022	0.230	1.139	3.312	0.142

	CHILD NEUROLO CHN	CHILD PSYCH CHP	COLON + REC SUR CRS	DERMA TOLOGY D	EMERGEN CY MED EM	ENDO CRINOLO END
	69	30	30	2865	241	102
	200214	598240	*668406	29572190	7242421	2928180
	0.026	0.079	0.088	3.894	0.954	0.386

	FAMILY PRACTIC FP	FAC PLA SUR OTO FPS	GASTRO ENTEROL GE	GERIA TRICS GER	GYNECOL ONCOLOG GO	GENERAL PRACTIC GP
	6113	4	465	50	29	7743
	142659264	*21444	10211209	*103050	*292987	109300702
	18.786	0.003	1.345	0.014	0.039	14.393

(CONTINUED ON PAGE 28)

## 1990 MARGINALS

ALL SPECIALTIES (CONT)	GENERAL SURGERY	GYNECO LOGY	HEMA TOLOGY	INFECTI OUS DSS	INTERNAL MEDICIN	MATERNA FETLMED
	GS	GYN	HEM	ID	IM	MFM
	1282	148	209	15	6190	2
	12597371	2112562	4140122	*227580	149369883	*36746
	1.659	0.278	0.545	0.030	19.669	0.005
	NEUROLOGY	NEPHRO LOGY	NEO-PER NAT MED	NEUROLO SURGERY	NUTRITION	OBSTETS + GYN
	N	NEP	NPM	NS	NTR	OBG
	1773	427	12	83	4	1576
	7385760	5563493	*86484	2411380	*40460	33574462
	0.973	0.733	0.011	0.318	0.005	4.421
	OCCUPAT NAL MED	ONCOLOGY	OPHTHAL MOLOGY	ORTHOPE SURGERY	OTHER SPECLTY	OTOLARY NGOLOGY
	OM	ON	OPH	ORS	OS	OTO
	20	440	1887	623	93	1368
	*863480	9949493	30808287	11034937	*679312	12319284
	0.114	1.310	4.057	1.453	0.089	1.622
	PSYCH IATRY	PEDIA TRICS	PEDIATR ALLERGY	PEDIATR CARDIOL	PEDIATR IC SURG	PED HEM ATO-ONC
	P	PD	PDA	PDC	PDS	PHO
	1249	3487	34	29	44	19
	17755889	73770486	480216	*152065	3660050	*131651
	2.338	9.714	0.063	0.020	0.482	0.017
	PHYS ME + REHAB	PLASTIC SURGERY	PULMONA RY DISS	PSYCHOA NALYSIS	REPRODU ENDOCRI	RHEUMA TOLOGY
	PM	PS	PUD	PYA	REN	RHU
	54	7	366	10	14	369
	*799693	*217650	5921108	*161595	*355608	8780089
	0.105	0.029	0.780	0.021	0.047	1.156
	TRAUMAT IC SURG	THORACI SURGERY	UROLOGI CAL SUR	UNSPECI FIED	VASCULA SURGERY	
	TRS	TS	U	US	VS	
	26	22	825	22	6	
	*525980	*314674	5145128	2004442	*206868	
	0.069	0.041	0.678	0.264	0.027	

\*FIGURE DOES NOT MEET STANDARDS OF RELIABILITY. SEE TABLE III ON PAGE 29.

Appendix I: Provisional 1/ 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 (R.S.E.) 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.

Table III. Relative standard errors for estimated numbers of DRUG MENTIONS:  
National Ambulatory Medical Care Survey, 1990.

Estimated number of drug mentions (x 1000)	Specialty Group*				
	All	A	B	C	D
100 -----	89.6	73.6	50.1	36.0	79.5
200 -----	63.4	52.4	37.1	28.5	57.2
300 -----	51.9	43.0	31.5	25.5	47.2
400 -----	45.0	37.5	28.4	23.9	41.7
500 -----	40.3	33.8	26.3	22.8	37.9
700 -----	34.2	28.9	23.7	21.6	32.9
1,000 -----	28.7	24.6	21.5	20.6	28.7
2,000 -----	20.6	18.4	18.7	19.4	22.7
5,000 -----	13.6	13.4	16.8	18.6	18.2
10,000 -----	10.3	11.2	16.1	18.4	16.5
50,000 -----	6.5	9.1	15.5	18.1	14.9
100,000 -----	5.8	8.8	15.4	18.1	14.7
200,000 -----	5.5	8.6			
700,000 -----	5.2				

\* All Specialties.....(30% R.S.E. = 915,000)

\* A. General and Family Practice.....(30% R.S.E. = 646,000)

\* B. Pediatrics, OBG, Cardiovascular diseases,  
Ophthalmology, Ortopedic Surgery,  
Doctors of Osteopathy.....(30% R.S.E. = 343,000)

\* C. General Surgery, Psychiatry, Urology, Dermatology,  
Neurology, Otolaryngology.....(30% R.S.E. = 170,000)

\* D. Internal Medicine and "other" specialties.....(30% R.S.E. = 887,000)

Example of use of table: An aggregate estimate of 2 million drug mentions from a dermatologist has a relative standard error of 19.4%, or a standard error of 388,000 drug mentions (19.4 percent of 2 million).

1/ These errors are for the 1989 survey year but they may also be used provisionally in analyzing the 1990 data. The final standard errors for 1990 will be forthcoming, but will probably not differ much from the above errors.

## 1990 NAMCS

## Patient Record Data Items

## Instructions and Definitions

ITEM 1 - DATE OF VISIT

Self-explanatory

ITEM 3 - DATE OF BIRTH

Self-explanatory

ITEM 4 - SEX

Self-explanatory

ITEM 5 - COLOR OR RACE

If the patient's race is not obvious, the physician (or assistant) should mark the box which in his judgment is most appropriate.

1 - White: A person having origins in any of the original peoples of Europe, North Africa, or the Middle East.

2 - Black: A person having origins in any of the black racial groups of Africa.

3 - Asian/Pacific Islander: A person having origins in any of the original peoples of Far East, Southeast Asia, the Indian subcontinent, or the Pacific Islands. This area includes, for example, China, India, Japan, Korea, the Philippine Islands and Samoa.

4 - American Indian/Eskimo/Aleut: A person having origins in any of the original peoples of North America, and who maintains cultural identification through tribal affiliation or community recognition.

ITEM 6 - Ethnicity

If the patient's ethnicity is not obvious, the physician (or assistant) should mark the box which in his judgment is most appropriate.

1 - Hispanic Origin: A person of Mexican, Puerto Rican, Cuban, Central or South America or other Spanish culture or origin, regardless of race.

2 - Not Hispanic: Check "Not Hispanic" for all persons who are not of Hispanic Origin.



Item 7 - EXPECTED SOURCE(S) OF PAYMENT

Check the source or sources which, to the best of your knowledge, describe how this visit will be paid for. If several categories are necessary to describe payment sources, check all that apply.

- 1 - Self-Pay: Any charges billed directly to the patient or patient's family which will not be reimbursed by a third party. Includes "co-payments" and "deductibles." Does not include pre-paid plans for which no co-payment is charged.
- 2 - Medicare: Any charges paid in-part or in-full by a Medicare plan. Include payments made directly to the physician as well as payments reimbursed to the patient.
- 3 - Medicaid: Any charges paid in-part or in-full by a Medicaid plan. Include payments made directly to the physician as well as payments reimbursed to the patient.
- 4 - Blue Cross/Blue Shield: Any charges paid by B.C. or B.S. either directly to physician or reimbursed to patient. If charges are covered under a BC/BS sponsored prepaid plan, check this box and the HMO/prepaid plan box below.
- 5 - Other Commercial Insurance: Any charges paid by a private insurance company. Include payment made directly to physician as well as reimbursed to the patient.
- 6 - HMO/Prepaid Plans: Charges included under a health maintenance organization plan or other pre-payment plan. Include IPA's, PPO's, etc.
- 7 - No Charge: Visits for which no fee is charged. Do not include visits paid for as part of a total care package, e.g., post-operative visits included in a surgical fee, pregnancy visits for which a flat fee was charged covering entire pregnancy, and HMO and prepaid systems.
- 8 - Other: (Specify) Any other source of payment not covered in above categories. Examples include workman's compensation programs, local welfare, CHAMPUS, and VA.

ITEM 8 - WAS PATIENT REFERRED FOR THIS VISIT BY ANOTHER PHYSICIAN?

This item is intended to provide an idea of the "flow" of ambulatory patients from one physician to another. This item concerns referral to the sample physician by a different physician. The counterpart to this item is box 5 of Item 16 which concerns referrals by the sample physician to another physician.

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 other than the one being visited.

ITEM 9 - PATIENT'S COMPLAINT(S), SYMPTOM(S) OR OTHER REASON(S) FOR THIS VISIT (in patient's own words)

- (1) We want the patient's principal complaint, symptom or other reason as it seems to the patient. The physician may recognize right away, or may find out after examination, that the real problem is something entirely different, but here we are interested in how the patient defines his trouble.
- (2) The item (like all other items on the Patient Record) refers to patient's complaint, symptom or other reason for this visit. Conceivably, the patient may be in treatment for a serious illness, but if his principal problem on this visit is a cut finger or a twisted ankle, that is the information we want.
- (3) The complaint or symptom should be described in the patient's own words. We will obtain the physician's diagnosis in Item 10. Here we want the patient's description of the problem: "pain in chest," "cramps after eating," or whatever.

Space has been allotted for: (a) most important, and (b) other complaints, symptoms, and reasons, if mentioned by patient. In actuality we code up to three patient problems regardless of whether they are listed in (a) or (b), or both. They are coded in the order they are listed.

There will, of course, be visits by patients for reasons other than some complaint or symptom. Examples might be: annual checkup, routine prenatal or postnatal care. In such cases, the physician should simply enter the reason for the visit. (But remember that if the reason for patient visit was only to pay a bill or ask the physician to fill out an insurance form or to drop off a specimen, no Patient Record should be completed.

Item 10 - PHYSICIAN'S DIAGNOSES

This item should never be blank.

- a. Under "PRINCIPAL DIAGNOSIS" record best assessment of diagnosis associated with the patient's most important complaint/reason in Item 9.

If possible, enter a final or provisional diagnosis; otherwise diagnosis may be expressed in "problem" terms.

If no diagnosis exists for the reason in Item 9 (e.g., visits for well-person exam), enter "well person" or other appropriate description of the situation.

ITEM 11 - HAVE YOU SEEN PATIENT BEFORE?

"Seen," means "provided care for" at any time in the past. If no (never saw patient before), the physician marks that box and goes on to Item 12. If he marks "Yes," he must also answer the sub-question: Has he seen this patient before for the condition diagnosed in Item 10?

ITEM 12 - DIAGNOSTIC/SCREENING SERVICES

Check appropriate boxes for all services ordered or provided during this visit.

1. None: Self-explanatory
2. Pap test: Papanicolaou test
3. Pelvic exam: Self-explanatory
4. Breast palpation: Manual examination to detect abnormalities.
5. Mammogram: A roentgenogram of the breast.
6. Visual Acuity: Self-explanatory
7. Blood pressure check: Self-explanatory
8. Urinalysis: Physical, chemical, or microscopic examination of urine.
9. Chest X-ray: Single or multiple x-rays of the chest for diagnosis or screening purposes. Excludes fluoroscopy and studies of ribs, bony thorax and spine.
10. Digital rectal exam: Manual examination of the rectum.
11. Proct/sigmoidoscopy: Examination of the rectum and sigmoid by means of the sigmoidoscope.
12. Stool blood exam: Self-explanatory
13. Oral glucose tolerance: An oral test taken to measure a patient's glucose level.
14. Cholesterol measure: A blood test taken to measure the level of cholesterol in a patient's blood.
15. HIV Serology: The study of the HIV antigen-antibody reaction in vitro.
16. Other Blood Test: Self-explanatory
17. Other(specify): Services not listed or included in the boxes above. Any such "other" services should be described on the line provided.

Item 13 - COUNSELING/ADVICE

(check all ordered or provided)

1. None
2. Weight Reduction
3. Cholesterol Reduction
4. Smoking Cessation
5. HIV Transmission
6. Breast Self-exam
7. Other

The physician should check each box for which he or she ordered or provided counseling, advice, education, instructions, or recommendations to the patient during this visit.

ITEM 14 - NON-MEDICATION THERAPY

Check all services, ordered or provided at this visit.

1. None.
2. PSYCHOTHERAPY: All treatments designed to produce a mental or emotional response through suggestion, persuasion, reeducation, reassurance, or support, including psychological counseling hypnosis, psychoanalysis, and transactional therapy.
3. CORRECTIVE LENSES: Provision, ordering or prescription for glasses or contact lenses.
4. AMBULATORY SURGERY: Any surgical procedure performed in the office or ordered to be performed elsewhere on an outpatient basis. Include management of fractures, suture of wounds, application or removal of casts, incision and draining of abscesses, irrigations, aspirations, dilation, and excisions.
5. PHYSIOTHERAPY: Any form of physical therapy ordered or provided, including any treatment using heat, light sound, or physical pressure or movement; for example, ultrasonic, ultraviolet, infrared, whirlpool, diathermy, cold, and manipulative therapy.
6. OTHER: Treatments or nonmedication therapies ordered or provided that are not listed or included in the preceding categories.

ITEM 15 - MEDICATION THERAPY THIS VISIT:

List all medications, including biologicals, ordered, injected, administered, or otherwise provided at this visit. Include nonprescription as well as prescription drugs. Use the same specific drug name (brand or generic) that you used on any prescription or office medical record. Do not enter broad drug classes, such as "laxative" or "cough preparation". Limit entries to drug name only. Additional information such as dosage strength or regimen is not required. Check "yes" or "no" before each drug name to indicate whether the drug is a new prescription for this patient.

Check "yes" or "no" after drug name to indicate whether or not the drug was provided/prescribed for the principal diagnosis in Item 10.

ITEM 16 - DISPOSITION THIS VISIT

Eight codes are provided to describe the physician's disposition of the case on this visit. The physician should mark as many categories as apply.

<u>DISPOSITION</u>	<u>DEFINITION</u>
1. <u>No Follow-up Planned:</u>	No return visit or telephone contact is scheduled for the patient's problem on this visit.
2. <u>Return at Specified Time:</u>	The patient is told to schedule an appointment or is instructed to return at a particular time.
3. <u>Return if Needed, P.R.N.:</u>	No future appointment is made, but the patient is instructed to make an appointment with the physician if the patient considers it necessary. (P.R.N., <u>pro re nata</u> , as necessary, as the occasion arises.)
4. <u>Telephone Follow-up Planned:</u>	The patient is instructed to telephone the physician on a particular day (to report on this progress), <u>or</u> if the need arises (if he has any trouble or wishes further consultation.
5. <u>Referred to Other Physician:</u>	The patient is instructed to consult or seek care from another physician. The patient may or may not return to this physician at a later date.
6. <u>Returned to Referring Physician:</u>	Patient was referred to this physician and is now instructed to consult again with the physician who referred him.
7. <u>Admit to Hospital:</u>	Patient is instructed that further care or treatment will be provided in a hospital. No further office visits are expected prior to that admission.
8. <u>Other (Specify):</u>	Any other disposition of the case not included in the above categories. Any such "other" disposition should be described on the line provided.

ITEM 17 - DURATION OF THIS VISIT

Include here the entire time the doctor spent with the patient. DO NOT include the time patient spent waiting to see the doctor. DO NOT include the time patient spent receiving care from someone other than the doctor.

For example, the nurse gave the patient an inoculation, or a technician administered an electrocardiogram. It is entirely possible that for visits such as these, the patient would not see the doctor at all. In that case, zero minutes should be entered in Item 17. The intent of this item is to get the total time spent in face-to-face contact with the doctor.

If more than one patient is seen by the doctor at the same time, apply the following rule:

If the doctor can easily segregate the time spent with each (e.g., 3 minutes with one and 27 minutes with the other), he should record that on the patient record forms. If he cannot estimate how much time was spent with each, he should divide the total time equally among the patients seen together.

## DEFINITIONS OF CERTAIN TERMS USED IN THIS DOCUMENT

**Office(s).**--Premises that the physician identifies as locations for his 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 staff) for the purpose of seeking care and rendering health services.

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

**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 during the visit to continue the medication.

**Patients.**--Can be classified as either:

**In-scope:** All patients seen by the physician or member of his staff in his 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

**Physician.**--Can be classified as either:

**In-Scope:** All duly licensed doctors of medicine and doctors of osteopathy currently in practice who devote most of their practice to caring for 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 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 either spend no time seeing ambulatory patients or whose patient-care activity is secondary to another principal activity, such as teaching, administration, or research.

**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.

**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>	<u>States Included</u>
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

SUMMARY OF CODES

Module	Code Number	Module	Code Number
<b>SYMPTOM MODULE</b>		<b>DISEASE MODULE - Con.</b>	
General Symptoms.....	1001-1099	Diseases of the Musculoskeletal System and Connective Tissue.....	2900-2949
Symptoms Referable to Psychological and Mental Disorders.....	1100-1199	Congenital anomalies.....	2950-2989
Symptoms Referable to the Nervous System (excluding sense organs).....	1200-1259	Perinatal Morbidity and Mortality Conditions.....	2990-2999
Symptoms Referable to the Cardiovascular and Lymphatic Systems.....	1260-1299		
Symptoms Referable to the Eyes and Ears		<b>DIAGNOSTIC, SCREENING, AND PREVENTIVE MODULE</b>	
Symptoms Referable to the Respiratory System.....	1400-1499	General Examinations.....	3100-3199
Symptoms Referable to the Digestive System.....	1500-1639	Special Examinations.....	3200-3299
Symptoms Referable to the Genitourinary System.....	1640-1829	Diagnostic Tests.....	3300-3399
Symptoms Referable to the Skin, Nails, and Hair.....	1830-1899	Other Screening and Preventive Procedures.....	3400-3499
Symptoms Referable to the Musculoskeletal System.....	1900-1999	Family Planning.....	3500-3599
		<b>TREATMENT MODULE</b>	
<b>DISEASE MODULE</b>		Medications.....	4100-4199
Infective and Parasitic Diseases.....	2001-2099	Preoperative and Postoperative Care	4200-4299
Neoplasms.....	2100-2199	Specific Types of Therapy.....	4400-4499
Endocrine, Nutritional, and Metabolic Diseases.....	2200-2249	Specific Therapeutic Procedures....	4500-4599
Diseases of the Blood and Blood-Forming Organs.....	2250-2299	Medical Counseling.....	4600-4699
Mental Disorders.....	2300-2349	Social Problem Counseling.....	4700-4799
Diseases of the Nervous System.....	2350-2399	Progress Visit, NEC.....	4800-4899
Diseases of the Eye.....	2400-2449		
Diseases of the Ear.....	2450-2499	<b>INJURIES AND ADVERSE EFFECTS MODULE</b>	
Diseases of the Circulatory System....	2500-2599	Injury by Type and/or Location.....	5001-5799
Diseases of the Respiratory.....	2600-2649	Injury, NOS.....	5800-5899
Diseases of the Digestive System.....	2650-2699	Poisoning and Adverse Effects.....	5900-5999
Diseases of the Genitourinary System...	2700-2799		
Diseases of the Skin and Subcutaneous Tissue.....	2800-2899	<b>TEST RESULTS MODULE.....</b>	6100-6700
		<b>ADMINISTRATIVE MODULE.....</b>	7100-7140
		<b>UNCODABLE ENTRIES.....</b>	8990-8999

Note: NEC = not elsewhere classifiable; NOS = not otherwise specified.

## SYMPTOM MODULE

## General Symptoms (1001-1099)

1005.0	Chills	1050.0	Chest pain and related symptoms (not referable to body system)
1010.0	Fever	1050.1	Chest pain
	Includes:		Excludes:
	High temperature	1050.2	Chest discomfort, pressure, tightness
1015.0	Tiredness, exhaustion	1050.3	Burning sensation in the chest
	Includes:	1055.0	Pain, site not referable to a specific body system
	Fatigue		Includes:
	No energy		Buttock pain
	Run down		Gluteal pain
	Worn out		Perineal pain
1020.0	General weakness		Excludes:
1025.0	General ill feeling		Chest pain (1050.1)
	Includes:		Abdominal pain (1545.1-1545.3)
	Not feeling well	1055.1	Rib pain
	Multiple complaints	1055.2	Side pain, flank pain
	Diffuse Cx	1055.3	Groin pain
	Malaise		Includes:
	Illness, NOS		Pubic pain
	Sick, NOS	1055.4	Facial pain
1030.0	Fainting (syncope)		Includes:
	Includes:		Jaw pain
	Blacking out		Pain over eye
	Passing out	1060.0	Pain and related symptoms, generalized, site unspecified
	Fainting spells	1060.1	Pain, unspecified
	Excludes:		Includes:
	Unconsciousness (5840.0)		Ache all over
1035.0	Symptoms of fluid abnormalities	1060.2	Cramps, spasms, site unspecified
1035.1	Edema		Excludes:
	Includes:		Menstrual cramps (1745.2)
	Bloated	1060.3	Stiffness, site unspecified
	Holding water	1065.0	Tumor or mass, site unspecified
	Swollen with water	1070.0	Bleeding, site unspecified
	Dropsy	1075.0	Symptoms of growth and developmental disorders
	Ankles swelling (both)	1075.1	Lack of growth
	Excludes:		Includes:
	Swelling of one ankle (1930.5)		Failure to thrive
1035.2	Excessive sweating, perspiration		Slowness, physical
1035.3	Excessive thirst		Too short
1040.0	Weight gain		Immaturity, physical
	Includes:		Pocr weight gain
	Obesity	1075.2	Excessive growth
	Overweight		Includes:
	Too fat		Too tall
	Excludes:		Too big for age
	Counseling for weight problem (4600.0)		Development, early (physical)
1045.0	Weight loss	1080.0	General Symptoms of infants, NEC
1045.1	Recent weight loss	1080.1	Crying too much, fussy, fidgety, irritable
1045.2	Underweight	1080.2	Regurgitation, spitting up
			Excludes:
			Vomiting (1530.0)
		1080.3	Feeding problem
		1085.0	General or unspecified nonviral infection
			Includes:
			Infection, NOS

NOTE: NEC = not elsewhere classifiable  
NOS = not otherwise specified

- 1090.0 Allergy, NOS  
Includes:  
Allergic reaction, NOS  
Food allergy, NOS  
Milk allergy, NOS  
Excludes:  
Allergic skin reaction (2825.0)  
Allergy to medications (5905.0)  
Nasal allergy (2635.0)
- 1095.0 Disorders of motor functions  
Includes:  
Ataxia  
Difficulty in walking  
Clumsiness  
Limping  
Staggering  
Stumbling  
Uncoordinated
- 
- Symptoms Referable to Psychological and  
Mental Disorders (1100-1199)
- 
- 1100.0 Anxiety and nervousness  
Includes:  
Apprehension  
Bad nerves  
Panicky feeling  
Stress  
Tension  
Upset  
Worried
- 1105.0 Fears and phobias
- 1110.0 Depression  
Includes:  
Crying excessively  
Dejected  
Feeling low  
Grief  
Hopelessness  
Sadness  
Unhappy
- 1115.0 Anger  
Includes:  
Bitterness  
Hostile feelings  
Excludes:  
Temper problems (1130.4)
- 1120.0 Problems with identity and  
self-esteem  
Includes:  
No confidence  
Loss of identity  
Identity crisis  
No goals  
Don't like myself  
Guilt  
Poor boundaries
- 1125.0 Restlessness  
Includes:  
Hyperactivity  
Overactivity
- 1130.0 Behavioral disturbances  
1130.1 Antisocial behavior  
Includes:  
Avoiding people  
Excessive shyness  
Social isolation  
Withdrawal  
Lying  
1130.2 Hostile Behavior  
Includes:  
Aggressiveness  
Criminality  
Cruelty  
Destructiveness  
Negativism  
Quarrelsome  
1130.3 Hysterical behavior  
1130.4 Temper problems  
Includes:  
Blowing up  
Losing temper  
Temper tantrums  
1130.5 Obsessions and compulsions
- 1135.0 Disturbances of sleep  
Includes:  
Night terrors  
1135.1 Insomnia  
Includes:  
Sleeplessness  
Can't sleep  
Trouble falling asleep  
1135.2 Sleepiness (hypersomnia)  
Includes:  
Drowsiness  
Can't stay awake  
1135.3 Nightmares  
1135.4 Sleepwalking
- 1140.0 Smoking problems  
Includes:  
Smoking too much  
Can't quit smoking  
Excludes:  
Smoker's cough (1440.0)  
Physical symptoms of smoking  
(see particular symptom)
- 1145.0 Alcohol-related problems  
Includes:  
Drinking problem  
Excludes:  
Adverse effects of alcohol  
(5915.0)  
Alcoholism (2320.0)
- 1150.0 Abnormal drug usage  
Includes:  
Drug Abuse  
Frequent or excessive use of  
stimulants, hallucinogens,  
depressants, etc.  
Excludes:  
Drug addiction (2321.0)  
Drug dependence (2321.0)  
Intoxication with drugs (5910.0)  
Overdose, intentional (5820.1)  
Overdose, unintentional, NOS  
(5910.0)

- 1155.0 Delusions or hallucinations  
Includes:  
Seeing things  
Hearing voices  
Medicine is poisoned  
Grandiosity
- 1160.0 Psychosexual disorders  
1160.1 Frigidity, loss of sex drive, lack of response, lack of libido  
1160.2 Homosexuality, concerns with  
1160.3 Impotence  
1160.4 Premature ejaculation  
1160.5 Masturbation excessive, concerns about  
1160.6 Orgasm, problem with
- 1165.0 Other symptoms or problems relating psychological and mental disorders, NEC  
Includes:  
Can't cope  
Going crazy  
Losing my mind  
Disoriented  
Hate everybody  
Mood fluctuation  
Blunted affect  
Peculiar thinking  
Inhibited  
Excludes:  
Character disorder (2315.0)  
Personality disorder (2315.0)  
1165.1 Nailbiting  
1165.2 Thumbsucking

---

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

- 1200.0 Abnormal involuntary movements  
Includes:  
Shaking  
Jerking  
Tics  
Tremors  
Twitch  
Excludes:  
Eye movements  
(see 1325.0-1325.4)  
Eyelid twitch (1340.4)
- 1205.0 Convulsions  
Includes:  
Fits  
Febrile convulsions  
Seizures  
Spells  
Excludes:  
Fainting (1030.0)
- 1210.0 Headache, pain in head  
Excludes:  
Sinus headache (1410.1)  
Migraine (2365.0)

- 1215.0 Memory, disturbances of  
Includes:  
Amnesia  
Forgetfulness  
Lack or loss of memory  
Temporary loss of memory
- 1220.0 Disturbances of sensation  
1220.1 Loss of feeling (anesthesia)  
Includes:  
Numbness  
No response to pain  
1220.2 Increased sensation (hyperesthesia)  
1220.3 Abnormal sensation (paresthesia)  
Includes:  
Prickly feeling  
Burning, tingling sensation  
Needles and pins  
1220.4 Other disturbances of sense, including smell and taste
- 1225.0 Vertigo - dizziness  
Includes:  
Falling sensation  
Giddiness (dizziness)  
Lightheadedness  
Loss of sense of equilibrium or balance  
Room spinning
- 1230.0 Weakness (neurologic)  
Includes:  
Right- or left-sided weakness  
Drooping, facial or NOS  
Excludes:  
General weakness (1020.0)
- 1235.0 Disorders of speech, speech disturbance  
1235.1 Stuttering, stammering  
1235.2 Slurring
- 1240.0 Other symptoms referable to the nervous system  
Includes:  
Pinched nerve  
Confusion

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

- 1260.0 Abnormal pulsations and palpitations  
1260.1 Increased heartbeat  
Includes:  
Pulse too fast  
Rapid heartbeat  
1260.2 Decreased heartbeat  
Includes:  
Pulse too slow  
Slow heart  
1260.3 Irregular heartbeat  
Includes:  
Fluttering  
Skipped beat

- 1265.0 Heart pain  
Includes:  
Heart distress  
Anginal pain  
Pain over heart  
Excludes:  
Angina pectoris (2515.0)  
Chest pain (1050.1)
- 1270.0 Other symptoms of the heart  
Includes:  
Bad heart  
Poor heart  
Weak heart  
Heart condition
- 1275.0 Symptoms of lymph glands (or nodes)  
1275.1 Swollen or enlarged glands  
1275.2 Sore glands
- 1280.0 Other symptoms referable to the cardiovascular/lymphatic system, NEC  
1280.1 Poor circulation  
1280.2 Pallor, paleness  
1280.3 Flushed, blushing
- SYMPTOMS REFERABLE TO THE EYES AND EARS  
(1300-1399)**
- 
- 1305.0 Vision dysfunctions  
Excludes:  
Refractive errors (2405.0)  
1305.1 Blindness and half vision  
1305.2 Diminished vision  
Includes:  
Blurred vision  
Difficulty reading  
Poor vision  
Trouble seeing  
Can't see distances  
Weak eyes  
Scotoma  
1305.3 Extraneous vision  
Includes:  
Cloudy vision  
Hazy vision  
Spots in front of eyes (floaters)  
1305.4 Double vision (diplopia)
- 1310.0 Discharge from eye  
1310.1 Bleeding  
1310.2 Tearing, watering (lacrimation)  
1310.3 Pus, matter, white discharge
- 1315.0 Eye infection and inflammation  
1315.1 Pinkeye
- 1320.0 Abnormal sensations of the eye  
Includes:  
Foreign body sensation  
1320.1 Pain  
Includes:  
Irritation  
1320.2 Itching  
1320.3 Burning  
1320.4 Strain
- 1325.0 Abnormal eye movements  
1325.1 Abnormal retraction  
1325.2 Cross-eyed  
1325.3 Pupils unequal  
1325.4 Deviation
- 1330.0 Abnormal appearance of eyes  
1330.1 Abnormal color  
Includes:  
Bloodshot  
Red  
Excludes:  
Yellow (1610.2)  
1330.2 Protrusion (exophthalmos)  
1330.3 Cloudy, dull, hazy appearance
- 1335.0 Other symptoms referable to eye, NEC  
Includes:  
Defect, NOS  
1335.1 Contact lens problems  
1335.2 Allergy  
1335.3 Swelling  
Excludes:  
Foreign body (5600.0)  
Injury (5510.0)  
Abrasion (5410.0)
- 1340.0 Symptoms of eyelids  
1340.1 Infection, inflammation, swelling  
1340.2 Itching  
1340.3 Mass or growth  
1340.4 Abnormal movement  
Includes:  
Twitching  
Blinking  
Squinting  
Drooping
- 1345.0 Hearing dysfunctions  
1345.1 Diminished hearing  
Includes:  
Deafness  
Trouble hearing  
Hearing loss  
1345.2 Heightened or acute hearing  
1345.3 Extraneous hearing  
Includes:  
Ringing (tinnitus)  
Excludes:  
Hearing things (1155.0)
- 1350.0 Discharge from ear  
Includes:  
Fluid in ear  
1350.1 Bleeding  
1350.2 Pus (purulent drainage)  
1350.3 Swimmer's ear
- 1355.0 Earache, or ear infection  
1355.1 Earache, pain  
1355.2 Ear infection
- 1360.0 Plugged feeling in ear  
Includes:  
Ear wax  
Ear feels full  
Congestion in ear  
Blocked  
Cracking  
Popping  
Ears need cleaning

1365.0 Other symptoms referable to the ears, NEC  
 1365.1 Itching  
 1365.2 Growths or mass  
 1365.3 Pulling at ears, picking at ears  
 1365.4 Abnormal size or shape, "ears stick out"  
 Excludes:  
 Foreign body in ear (5620.0)

SYMPTOMS REFERABLE TO THE RESPIRATORY SYSTEM (1400-1499)

1400.0 Nasal congestion  
 Includes:  
 Drippy nose  
 Runny nose  
 Post-nasal drip  
 Sniffles  
 Stuffy nose  
 Nasal obstruction  
 Excess mucus

1405.0 Other symptoms of nose  
 Excludes:  
 Nasal allergy (2635.0)

1405.1 Nosebleed (epistaxis)  
 1405.2 Sore in nose  
 1405.3 Inflammation and swelling  
 Includes:  
 Sore nose  
 Infection  
 Red nose

1405.4 Problem with appearance of nose  
 Includes:  
 Too large  
 Bump(s)  
 Undesirable appearance

1410.0 Sinus problems  
 Includes:  
 Sinus drainage

1410.1 Pain and pressure  
 Includes:  
 Sinus headache

1410.2 Sinus inflammation, infection  
 1410.3 Sinus congestion

1415.0 Shortness of breath  
 Includes:  
 Breathlessness  
 Sensation of suffocation

1420.0 Labored or difficult breathing (dyspnea)  
 Includes:  
 Smothering

1425.0 Wheezing  
 Includes:  
 Sighing respiration

1430.0 Breathing problems, NEC  
 1430.1 Disorders of respiratory sound, NEC  
 Includes:  
 Abnormal breathing sounds  
 Snoring  
 Rattles  
 Stridor

1430.2 Rapid breathing (hyperventilation)

1435.0 Sneezing

1440.0 Cough  
 Includes:  
 Croupy cough  
 Smoker's cough

1445.0 Head cold, upper respiratory infection (coryza)  
 Includes:  
 Cold, NOS  
 Excludes:  
 Chest cold (1475.0)

1450.0 General viral infection  
 1450.1 Flu  
 Includes:  
 Grip  
 Influenza  
 Excludes:  
 Croup (2600.0)

1455.0 Symptoms referable to throat  
 1455.1 Soreness  
 Includes:  
 Throat hurts

1455.2 Pain  
 1455.3 Infection  
 Includes:  
 Throat virus  
 Excludes:  
 Strep throat (2010.0)

1455.4 Irritation, scratch, tickle  
 1455.5 Swelling  
 1455.6 Lump or mass  
 Includes:  
 Sensation of something in throat  
 Excludes:  
 Foreign body in throat (5615.0)

1460.0 Symptoms referable to tonsils  
 Includes:  
 Infection  
 Inflammation

1470.0 Abnormalities of sputum or phlegm  
 1470.1 Coughing up blood  
 Includes:  
 Hemophysis

1470.2 Pus in sputum  
 1470.3 Excessive sputum

1475.0 Congestion in chest  
 Includes:  
 Lung congestion  
 Chest cold

- 1480.0 Disorders of voice  
 1480.1 Hoarseness, loss of voice  
 1480.2 Hypernasality
- 1485.0 Other symptoms referable to the respiratory system, NEC  
 Includes:  
 Drainage in throat
- SYMPTOMS REFERABLE TO THE DIGESTIVE SYSTEM  
 (1500-1639)
- 
- 1500.0 Symptoms of teeth and gums  
 1500.1 Toothache  
 1500.2 Gum pain  
 1500.3 Bleeding gums
- 1505.0 Symptoms referable to lips  
 1505.1 Cracked, bleeding, dry  
 1505.2 Abnormal color  
 1505.3 Cold sore
- 1510.0 Symptoms referable to mouth  
 Includes:  
 Saliva too thick  
 1510.1 Pain, burning, soreness  
 1510.2 Bleeding  
 1510.3 Dryness  
 1510.4 Ulcer, sore
- 1515.0 Symptoms referable to tongue  
 Includes:  
 Ulcer on tongue  
 1515.1 Pain  
 1515.2 Bleeding  
 1515.3 Inflammation, infection, swelling  
 1515.4 Abnormal color, ridges, coated
- 1520.0 Difficulty in swallowing (dysphagia)  
 Includes:  
 Choking  
 Inability to swallow
- 1525.0 Nausea  
 Includes:  
 Upset stomach  
 Sick to stomach  
 Nervous stomach  
 Feel like throwing up
- 1530.0 Vomiting  
 Includes:  
 Can't keep food down  
 Throwing up  
 Retching  
 Excludes:  
 Regurgitation, infants (1080.2)  
 Vomiting blood (1580.2)
- 1535.0 Heartburn and indigestion (dyspepsia)  
 Includes:  
 Excessive belching
- 1540.0 Gastrointestinal infection  
 Includes:  
 Stomach flu  
 Stomach virus  
 Intestinal virus
- 1545.0 Stomach and abdominal pain, cramps and spasms  
 Includes:  
 Gastric pain  
 Excludes:  
 Groin pain (1055.3)  
 1545.1 Abdominal pain, cramps, spasms, NOS  
 Includes:  
 Intestinal colic  
 Gas pains  
 Abdominal discomfort, NOS  
 1545.2 Lower abdominal pain, cramps, spasms  
 Includes:  
 Right lower quadrant (RLQ) pain  
 Left lower quadrant (LLQ) pain  
 Inguinal pain  
 1545.3 Upper abdominal pain, cramps, spasms  
 Includes:  
 Epigastric pain  
 Left upper quadrant (LUQ) pain  
 Pain in umbilical region  
 Right upper quadrant (RUQ) pain
- 1565.0 Change in abdominal size  
 1565.1 Distention, fullness, NOS  
 Includes:  
 Abdominal bloating  
 Stomach fullness  
 1565.2 Mass or tumor  
 Includes:  
 Mass in groin  
 1565.3 Abdominal swelling, NOS
- 1570.0 Appetite, abnormal  
 1570.1 Excessive appetite  
 Eats too much  
 Always hungry  
 1570.2 Decreased appetite  
 Not hungry  
 Loss of appetite
- 1580.0 Gastrointestinal bleeding  
 1580.1 Blood in stool (melena)  
 1580.2 Vomiting blood (hematemesis)
- 1585.0 Flatulence  
 Includes:  
 Gas  
 Bloating, gas  
 Excessive gas  
 Distention due to gas  
 Excludes:  
 Gas pains (1545.1)
- 1590.0 Constipation
- 1595.0 Diarrhea  
 Includes:  
 Loose stools  
 The runs

1600.0 Other symptoms or changes in bowel function  
 1600.1 Discharge in stools  
     Includes:  
         Mucus  
         Pus  
 1600.2 Worms  
 1600.3 Changes in size, color, shape, or odor  
     Includes:  
         Bulky stools  
         Too narrow  
         Unusual odor or color  
 1600.4 Incontinence of stool  
     Includes:  
         Dirty pants (encopresis)  
         Leaking stools

1605.0 Symptoms referable to anus-rectum  
 1605.1 Pain  
     Includes:  
         Burning  
         Irritation  
 1605.2 Bleeding  
 1605.3 Swelling or mass  
 1605.4 Itching

1610.0 Symptoms of liver, gallbladder, and biliary tract  
 1610.1 Pain  
 1610.2 Jaundice  
     Includes:  
         Yellow eyes  
         Yellow skin

1615.0 Other symptoms referable to digestive system  
     Includes:  
         Bad breath  
         Halitosis  
         Stomach problem  
         Stomach trouble  
         Hiccoughs  
         Gastrointestinal distress  
         Epigastric distress

SYMPTOMS REFERABLE TO THE GENITOURINARY SYSTEM (1640-1829)

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1640.0 Abnormalities of urine  
     Excludes:  
         Abnormal findings of urine tests (6200.0)  
 1640.1 Blood in urine (hematuria)  
 1640.2 Pus in urine  
 1640.3 Unusual color or odor

1645.0 Frequency and urgency of urination  
 1645.1 Excessive urination, night (nocturia)

1650.0 Painful urination  
     Includes:  
         Burning, discomfort

1655.0 Incontinence of urine (enuresis)  
 1655.1 Involuntary urination, can't hold urine, dribbling  
 1655.2 Bedwetting

1660.0 Other urinary dysfunctions  
 1660.1 Retention of urine  
     Includes:  
         Weak stream  
         Can't urinate  
 1660.2 Hesitancy  
     Includes:  
         Difficulty in starting stream  
 1660.3 Large volume  
     Includes:  
         Polyuria

1665.0 Symptoms of bladder  
     Includes:  
         Bladder trouble  
 1665.1 Pain  
 1665.2 Infection

1670.0 Symptoms of the kidneys  
     Includes:  
         Kidney trouble  
 1670.1 Pain  
 1670.2 Infection

1675.0 Urinary tract infection, NOS  
     Includes:  
         Genitourinary infection  
         Urine infection

1680.0 Other symptoms referable to urinary tract  
     Includes:  
         Passed stones  
     Excludes:  
         Kidney stones or bladder stones (2705.0)

1700.0 Symptoms of penis  
 1700.1 Pain, aching, soreness, tenderness, painful erection  
 1700.2 Infection, inflammation, swelling  
 1700.3 Lumps, bumps, growths, warts

1705.0 Penile discharge

1710.0 Symptoms of prostate  
     Includes:  
         Prostate trouble  
 1710.1 Swelling  
 1710.2 Infection

1715.0 Symptoms of the scrotum and testes  
 1715.1 Pain, aching, tenderness  
 1715.2 Swelling, inflammation  
 1715.3 Growths, warts, lumps, bumps  
 1715.4 Itching, jock itch

1720.0 Other symptoms of male reproductive system  
     Excludes:  
         Psychosexual problems (1160.0-1160.6)

1730.0 Absence of menstruation (amenorrhea)  
     Excludes:  
         Suspected pregnancy (3200.0)  
         Missed a period (3200.0)  
         Period late (3200.0)



- 1735.0 Irregularity of menstrual interval  
 1735.1 Frequent  
 1735.2 Infrequent  
 1735.3 Unpredictable
- 1740.0 Irregularity of menstrual flow  
 1740.1 Excessively heavy (menorrhagia)  
 1740.2 Scanty flow (oligomenorrhea)  
 1740.3 Abnormal material, including clots
- 1745.0 Menstrual symptoms, other and unspecified  
 Includes:  
 Long periods  
 1745.1 Premenstrual symptoms  
 Includes:  
 Premenstrual tension or irritability  
 Bloating before periods
- 1745.2 Painful menstruation (dysmenorrhea)  
 Includes:  
 Menstrual cramps  
 Pain in legs and back during menstruation
- 1750.0 Menopausal symptoms  
 1750.1 Early or late onset of menopause  
 1750.2 Vasomotor symptoms- hot flashes  
 1750.3 Emotional symptoms, change of life problems
- 1755.0 Uterine and vaginal bleeding  
 Excludes:  
 Bleeding during pregnancy (1790.2)  
 1755.1 Intermenstrual bleeding (metrorrhagia)  
 Includes:  
 Breakthrough bleeding  
 Bleeding between periods  
 1755.2 Postmenopausal bleeding  
 1755.3 Postcoital bleeding, female
- 1760.0 Vaginal discharge  
 Includes:  
 Bloody, brown, white (leukorrhea), excessive
- 1765.0 Other vaginal symptoms  
 1765.1 Pain  
 1765.2 Infection  
 1765.3 Itching, burning
- 1770.0 Vulvar disorders  
 1770.1 Itching and irritation, swelling  
 1770.2 Mass, lump  
 1770.3 Growth, wart, cyst, ulcer, sore
- 1775.0 Pelvic symptoms  
 1775.1 Pain  
 1775.2 Pressure or dropping sensation  
 Includes:  
 Feeling of uterus falling out  
 1775.3 Infection, inflammation
- 1790.0 Problems of pregnancy  
 Excludes:  
 Routine prenatal visits (3205.0)  
 1790.1 Pain during pregnancy  
 1790.2 Spotting, bleeding during pregnancy  
 1790.3 Symptoms of onset of labor  
 Includes:  
 Water broke  
 Ruptured membranes  
 Labor pain, contractions
- 1791.0 Postpartum problems  
 Includes:  
 Bleeding  
 Pain  
 Excludes:  
 Postpartum examination, routine (3215.0)
- 1795.0 Other symptoms referable to the female reproductive system  
 Includes:  
 Frequent miscarriage
- 1800.0 Pain or soreness of breast  
 Includes:  
 Tenderness
- 1805.0 Lump or mass of breast  
 Includes:  
 Bump  
 Knot  
 Nodule  
 Cyst
- 1810.0 Other symptoms referable to breast  
 1810.1 Bleeding or discharge from nipple  
 1810.2 Postpartum problems  
 Includes:  
 Engorgement  
 Postpartum infection  
 Nursing difficulties  
 1810.3 Problems with shape or size  
 Includes:  
 Too large  
 Too small  
 Sagging  
 Uneven development
- 1815.0 Symptoms of infertility  
 Includes:  
 Can't get pregnant  
 Inability to conceive  
 Sterility
- 1820.0 Hormone deficiency or problem
- 1825.0 Symptoms of sexual dysfunction  
 Includes:  
 Dyspareunia  
 Painful intercourse  
 Excludes:  
 Psychological disorders (see 1160.0-1160.6)

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

1830.0 Acne or pimples  
Includes:  
Bad complexion  
Blackheads  
Blemishes  
Breaking out  
Complexion, NOS  
Whiteheads

1835.0 Discoloration or pigmentation  
Includes:  
Freckles  
Blotches  
Redness  
Spots  
Circles under eyes  
Birthmark  
Excludes:  
Jaundice (1610.2)  
Bruise (see 5405.0-5430.0)  
Flushing (1280.3)  
Blushing (1280.3)

1840.0 Infections of skin, NOS  
Includes:  
Infected blister  
Excludes:  
Athlete's foot (2025.0)  
1840.1 Infection of skin of head  
or neck area  
1840.2 Infection of skin of arm,  
hand, or finger  
1840.3 Infection of skin of leg,  
foot, or toe

1845.0 Symptoms of skin moles  
Includes:  
Skin mole, NOS  
1845.1 Change in size or color  
1845.2 Bleeding mole

1850.0 Warts, NOS  
Includes:  
Condyloma  
Condyloma acuminatum  
Excludes:  
Plantar's warts (2015.0)

1855.0 Other growths of skin  
Includes:  
Skin growth, NOS  
Skin tag  
Cysts, NOS  
Callus  
Corns

1860.0 Skin rash  
Includes:  
Rash  
Skin eruption  
Excludes:  
Poison ivy (2825.0)  
Poison oak (2825.0)  
1860.1 Diaper rash

1865.0 Skin lesion  
Includes:  
Ulcer  
Sore  
Blister  
Postule

1870.0 Skin irritations, NEC  
1870.1 Pain  
1870.2 Itching

1875.0 Swelling of skin  
Includes:  
Bumps, lumps  
Nodules  
Welts, except hives (2825.0)  
Tumor, skin

1880.0 Other symptoms referable to skin  
Includes:  
Navel problems  
Umbilicus not healing  
1880.1 Oiliness  
1880.2 Dryness, peeling,  
scaliness, roughness  
1880.3 Wrinkles

1885.0 Symptoms referable to nails  
1885.1 Infected  
1885.2 Ingrown  
1885.3 Brittle, breaking,  
splitting, cracked, ridged

1890.0 Symptoms referable to hair and scalp  
1890.1 Too little hair  
Includes:  
Baldness  
Alopecia  
Falling out  
Losing hair  
1890.2 Unwanted hair  
Includes:  
Superfluous hair  
Abnormal hairiness  
Hirsutism  
1890.3 Dryness, flaky scalp  
1890.4 Itching

1895.0 Other symptoms of nails and hair

SYMPTOMS REFERABLE TO THE MUSCULOSKELETAL  
SYSTEM (1900-1999)

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

The following fourth digits should be used  
with categories 1900-1970:

- .1 pain, ache, soreness, discomfort
- .2 cramps, contractures, spasms
- .3 limitation of movement, stiffness
- .4 weakness
- .5 swelling
- .6 lump, mass, tumor

1900.0 Neck symptoms  
1905.0 Back symptoms

1910.0	Low back symptoms	2015.0	Viral diseases
1915.0	Hip symptoms		Includes:
1920.0	Leg symptoms		Chickenpox
1925.0	Knee symptoms		Shingles (Herpes zoster)
1930.0	Ankle symptoms		Herpes simplex
1935.0	Foot and toe symptoms		Measles
1940.0	Shoulder symptoms		German measles (rubella)
1945.0	Arm symptoms		Mumps
1950.0	Elbow symptoms		Infectious mononucleosis
1955.0	Wrist symptoms		Hepatitis (infectious and NOS)
1960.0	Hand and finger symptoms		Smallpox
1965.0	Symptoms of unspecified muscles		Poliomyelitis
1970.0	Symptoms of unspecified joints		Verruca (Plantar's warts)
1975.0	Musculoskeletal deformities	2015.1	Human immunodeficiency virus (HIV) with associated conditions
	Excludes:		Includes:
	Clubfoot (2960.0)		Acquired immuno-deficiency syndrome
	Curvature of spine (2910.0)		AIDS
1975.1	Bowlegged, knock-kneed		AIDS-like syndrome
1975.2	Posture problems		AIDS-related complex
1975.3	Pigeon-toed, feet turn in		ARC
1980.0	Other musculoskeletal symptoms	2015.2	History of positive serological or viral culture findings for human immunodeficiency virus (HIV) without associated conditions
	Includes:		Includes:
	Bone pain		HIV positive
	Stump pain		Excludes:
			Results, follow-up of test for HIV (6106.0)
<b>DISEASE MODULE</b>		2020.0	Venereal diseases
<hr/>			Includes:
<b>INFECTIVE AND PARASITIC DISEASES (2001-2099)</b>			Syphilis
<hr/>			Gonorrhea
			Venereal diseases, NOS
2005.0	Intestinal infectious diseases	2025.0	Fungus infections (mycoses)
	Includes:		Ringworm
	Gastroenteritis		Ringworm
	Enteritis		Yeast infection
	Cholera		Moniliasis
	Salmonella		Dermatophytoses
	Dysentery		Athlete's foot
2010.0	Streptococcal infection		Ringworm
	Includes:		Thrush
	Streptococcal tonsillitis		Tinea
	Scarlet fever	2030.0	Parasitic diseases
			Includes:
			Pinworms
			Ascaris
			Lice
			Maggots
			Leeches
		2035.0	Other and unspecified infectious and parasitic diseases
			Includes:
			Staphylococcal infections
			Trichomonas vaginitis
			Tuberculosis

NEOPLASMS (2100-2199)

## Malignant Neoplasms:

- 2100.0 Cancer, gastrointestinal tract  
Includes:  
Esophagus  
Stomach  
Small intestine  
Colon
- 2105.0 Cancer, respiratory tract  
Includes:  
Bronchus  
Lung  
Larynx  
Trachea  
Throat
- 2110.0 Cancer, skin and subcutaneous tissues  
Includes:  
Melanoma  
Basal cell carcinoma  
Squamous cell carcinoma
- 2115.0 Cancer, breast
- 2120.0 Cancer, female genital tract  
Includes:  
Uterus  
Cervix  
Fallopian tube(s)  
Vagina  
Vulva  
Ovary(ies)  
Endometrium
- 2125.0 Cancer, urinary and male genital tract  
Includes:  
Bladder  
Kidney  
Prostate
- 2130.0 Other malignant and unspecified neoplasms  
Includes:  
Metastatic carcinoma  
Brain tumor  
Bone cancer
- 2135.0 Hodgkin's disease, lymphomata, leukemias  
Includes:  
Multiple myeloma  
Polycythemia vera  
Lymphosarcoma  
Cancer of blood

## Benign Neoplasms:

- 2140.0 Fibroids and other uterine neoplasms  
Includes:  
Myoma  
Leiomyomata  
Cervical polyp  
Nabothian cyst

## 2145.0 Other benign neoplasms

- Includes:  
Rectal polyp  
Ovarian cyst  
Bartholin's cyst  
Lipoma  
Vaginal inclusion  
Nasal polyp  
Dermoid cyst (ovary)  
Nevus
- Excludes:  
Pilonidal cyst (2825.0)  
Sebaceous cyst (2825.0)  
Epidermoid cyst (2825.0)  
cyst, NOS (1855.0)

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

- 2200.0 Diseases of the thyroid gland  
Includes:  
Thyrototoxicosis  
Thyroid nodule  
Hyperthyroidism  
Goiter  
Myxedema  
Hypothyroidism
- 2205.0 Diabetes mellitus
- 2210.0 Gout, hyperuricemia
- 2215.0 Other endocrine, nutritional, and metabolic diseases  
Includes:  
Hypoglycemia  
Hyperlipidemia  
Disorders of intestinal absorption  
Ovarian dysfunction  
Poor nutrition

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

- 2250.0 Anemia  
Includes:  
Iron deficiency anemia  
Sickle cell anemia  
Pernicious anemia  
Anemia, NOS
- 2255.0 Other diseases of blood and blood-forming organs

MENTAL DISORDERS (2300-2349)

- 2300.0 Organic psychoses  
Includes:  
Organic brain syndromes  
Senile dementia  
Alcoholic psychoses

- 2305.0 Functional psychoses  
Includes:  
Schizophrenia, all types  
Manic-depressive psychoses  
Paranoid states  
Psychosis, NOS
- 2310.0 Neuroses  
Includes:  
Depressive neurosis  
Depressive reaction  
Anxiety reaction  
Obsessive compulsive neurosis  
Neurosis, NOS  
Excludes:  
Depression (1110.0)  
Anxiety (1100.0)
- 2315.0 Personality and character disorders
- 2320.0 Alcoholism  
Excludes:  
Alcohol-related problems  
(1145.0)  
Adverse effect of alcohol  
(5915.0)
- 2321.0 Drug dependence  
Includes:  
Drug addiction  
Excludes:  
Abnormal drug usage (1150.0)  
Adverse effect of drug abuse  
(5910.0)  
Overdose, intentional (5820.1)
- 2325.0 Mental retardation
- 2330.0 Other mental disease  
Includes:  
Transient situational  
disturbances  
Adolescent adjustment reaction  
Grief reaction  
Sexual deviations  
Attention deficit disorder

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DISEASES OF THE NERVOUS SYSTEM (2350-2399)

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- 2350.0 Multiple sclerosis
- 2355.0 Parkinson's disease (paralysis  
agitans)
- 2360.0 Epilepsy
- 2365.0 Migraine headache
- 2370.0 Other diseases of central nervous  
system  
Includes:  
Carpal tunnel syndrome  
Bell's palsy  
Cerebral palsy  
Demyelinating disease  
Paralysis, NOS  
Meningitis  
Muscular dystrophy  
Morton's neuroma  
Myasthenia gravis

---

DISEASES OF THE EYE (2400-2449)

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- 2400.0 Inflammatory diseases of the eye  
Includes:  
Conjunctivitis  
Ophthalmia  
Sty  
Blepharitis  
Keratitis  
Ulcer  
Excludes:  
Infection, NOS (1315.0)
- 2405.0 Refractive error  
Includes:  
Myopia, nearsightedness  
Hyperopia, farsightedness  
Astigmatism  
Excludes:  
Test for refractive errors  
(3230.0)
- 2410.0 Cataract
- 2415.0 Glaucoma
- 2420.0 Other diseases of the eye  
Includes:  
Retinal detachment  
Strabismus  
Aphakia  
Amblyopia  
Color blindness  
Iritis  
Esotropia

---

DISEASES OF THE EAR (2450-2499)

---

- 2450.0 Otitis media
- 2455.0 Other diseases of the ear  
Includes:  
Ruptured tympanic membrane  
Labyrinthitis  
Excludes:  
Infection, NOS (1355.2)  
Deafness (1345.1)

---

DISEASES OF THE CIRCULATORY SYSTEM  
(2500-2599)

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- 2500.0 Rheumatic fever and chronic  
rheumatic heart disease  
Includes:  
Chorea
- 2505.0 Hypertension with involvement of  
target organs  
Includes:  
Hypertensive heart disease  
Renal hypertension  
HCD  
HCVD  
Hypertensive cardiovascular  
disease

2510.0 Hypertension  
Includes:  
High blood pressure

2515.0 Ischemic heart disease  
Includes:  
Myocardial infarction  
Coronary artery disease  
Coronary  
Heart attack  
Arteriosclerotic heart disease  
(ASHD)  
Arteriosclerotic cardiovascular  
disease (ACVD)  
Angina pectoris

2520.0 Other heart disease  
Includes:  
Cardiac dysrhythmias  
Atrial fibrillation  
Paroxysmal tachycardia  
Congestive heart failure  
Heart failure  
Heart murmur  
Premature ventricular  
contractions (PVs)  
Mitral valve prolapse

2525.0 Cerebrovascular disease  
Includes:  
Cerebrovascular accident (CVA)  
Stroke

2530.0 Atherosclerosis  
Includes:  
Arteriosclerosis  
Hardening of the arteries

2535.0 Phlebitis, thrombophlebitis  
Includes:  
Phlebothrombosis

2540.0 Varicose veins

2545.0 Hemorrhoids  
Includes:  
Perineal tags

2550.0 Other disease of circulatory system  
Includes:  
Pulmonary embolism  
Heart disease, NOS  
Lymphadenopathy  
Lymphadenitis  
Venous insufficiency  
Aneurysm

---

DISEASES OF THE RESPIRATORY SYSTEM  
(2600-2649)

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2600.0 Upper respiratory infections except  
tonsillitis  
Includes:  
Pharyngitis  
Sinusitis  
Laryngitis  
Croup  
Rhinitis  
Excludes:  
Allergic rhinitis (2635.0)  
Cold (1445.0)  
Throat infection, NOS (1455.3)  
Nose infection, NOS (1405.3)  
Sinus infection, NOS (1410.2)

2605.0 Tonsillitis

2610.0 Bronchitis  
Includes:  
Chronic bronchitis  
Bronchitis, NOS  
Acute bronchitis

2620.0 Emphysema

2625.0 Asthma

2630.0 Pneumonia  
Includes:  
Viral pneumonia  
Bacterial pneumonia  
Bronchopneumonia  
Pneumonitis

2635.0 Hay fever  
Includes:  
Allergic rhinitis  
Nasal allergy  
Pollenosis  
Allergy to:  
Dust  
Pollen  
Animals  
Ragweed

2640.0 Other respiratory diseases  
Includes:  
Pulmonary edema  
Deviated nasal septum  
Pneumothorax  
Hemothorax  
Pleurisy  
Chronic obstructive pulmonary  
disease

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DISEASES OF THE DIGESTIVE SYSTEM (2650-2699)

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2650.0 Diseases of the esophagus, stomach,  
and duodenum  
Includes:  
Esophagitis  
Duodenal ulcer  
Peptic ulcer  
Gastritis  
Stomach ulcer  
Excludes:  
Stomach flu (1540.0)  
Gastroenteritis (2005.0)

2655.0 Appendicitis, all types

2660.0 Hernia of abdominal cavity  
Includes:  
Inguinal  
Hiatus  
Abdominal  
Femoral  
Umbilical  
Ventral

- 2665.0 Diseases of the intestine and peritoneum
  - Includes:
    - Diverticulitis
    - Diverticulosis
    - Spastic colitis
    - Irritable bowel syndrome
    - Ulcerative colitis
    - Crohn's disease
    - Ileitis
    - Fistula - rectal, anal
    - Fissure - rectal, anal
  - Excludes:
    - Intestinal virus (1540.0)
- 2670.0 Diseases of the liver, gallbladder, and pancreas
  - Includes:
    - Biliary colic
    - Cirrhosis
    - Liver diseases
    - Cholelithiasis (gallstones)
    - Cholecystitis
    - Pancreatitis
- 2675.0 Other diseases of digestive system
  - Includes:
    - Stomatitis
    - Canker sore
    - Temperomandibular joint (TMJ) pain
    - Temperomandibular joint (TMJ) syndrome

DISEASES OF THE GENITOURINARY SYSTEM (2700-2799)

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- 2700.0 Cystitis
  - Excludes:
    - Bladder infection (1665.2)
- 2705.0 Urinary tract disease except cystitis
  - Includes:
    - Urethritis
    - Pyelonephritis
    - Glomerulonephritis
    - Glomerulonephrosis
    - Ureteral calculus
    - Renal failure
    - Kidney stones
    - Bladder stones
    - Neurogenic bladder
  - 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:
    - Prostatitis
    - Benign prostatic hypertrophy (BPH)
    - Hydrocele
    - Phimosi
    - Epididymitis
    - Peyronie's disease
  - Excludes:
    - Prostate infection (1710.2)

- 2715.0 Fibrocystic and other diseases of breast
  - Includes:
    - Mastitis
  - Excludes:
    - Infection (1810.0)
    - Cancer (2115.0)
- 2720.0 Pelvic inflammatory disease (PID)
  - Includes:
    - Salpingitis
    - Oophoritis
    - Pelvic peritonitis
  - Excludes:
    - Pelvic infection, NOS (1775.3)
- 2725.0 Cervicitis, vaginitis
  - Includes:
    - Cervical erosion
    - Vulvovaginitis
- 2730.0 Other diseases of female reproductive system
  - Includes:
    - Endometriosis
    - Rectal-vaginal fistula
    - Prolapse of uterus
    - Dysfunctional uterine bleeding
    - Vulvitis
    - Polycystic ovaries
    - Cystocele
    - Rectocele
- 2735.0 Diagnosed complications of pregnancy and puerperium
  - Includes:
    - Placenta previa
    - Ectopic pregnancy
    - Toxemia
    - Threatened abortion
    - Spontaneous abortion
    - Hyperemesis
    - Fetal death in utero
    - Diabetes during pregnancy
    - Edema of pregnancy
    - High blood pressure during pregnancy
    - RH sensitization
    - Multiple pregnancy
  - Excludes:
    - Abortion induced (3520.0)

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

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- 2800.0 Carbuncle, furuncle, boil, cellulitis, abscess, NEC
- 2805.0 Impetigo
- 2810.0 Seborrheic dermatitis
  - Includes:
    - Dandruff
- 2815.0 Eczema and dermatitis, NOS
- 2820.0 Psoriasis

- 2825.0 Other diseases of the skin  
Includes:  
Allergic skin reactions  
Pilonidal cyst  
Urticaria  
Hives  
Keloid  
Keratosis  
Sebaceous cyst  
Paronychia  
Lupus erythematosus discoid  
Epidermal inclusion cyst  
Poison ivy  
Poison oak  
Excludes:  
Cyst, NOS (1855.0)  
Acne (1830.0)

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

---

- 2900.0 Arthritis  
Includes:  
Osteoarthritis  
Rheumatoid arthritis  
Rheumatism, NOS
- 2905.0 Nonarticular rheumatism  
Includes:  
Bursitis  
Synovitis  
Tenosynovitis  
Tendinitis  
Myositis  
Lumbago  
Excludes:  
Rheumatism, NOS (2900.0)
- 2910.0 Other musculoskeletal or connective  
tissue disease  
Includes:  
Systemic lupus erythematosus  
Curvatures of spine  
Scoliosis  
Kyphoscoliosis  
Kyphosis  
Osteoporosis  
Degenerative disc diseases  
Slipped disc  
Osteomyelitis  
Bone cysts  
Bunions

CONGENITAL ANOMALIES (2950-2989)

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

- 2960.0 Other congenital anomalies  
Includes:  
Cleft palate  
Cleft lip  
Deformed earlobe  
Clubfoot  
Harelip  
Congenital dislocation of hip  
Blocked tear duct  
Absence of organs  
Duplication of organs

PERINATAL MORBIDITY AND MORTALITY CONDITIONS  
(2990-2999)

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- 2990.0 All perinatal conditions

DIAGNOSTIC, SCREENING, AND PREVENTIVE MODULE

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GENERAL EXAMINATIONS (3100-3199)

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- 3100.0 General medical examination  
Includes:  
Annual exam  
Checkup, NOS  
Checkup, routine  
General exam  
Multiphasic screening exam  
Regular exam  
Routine exam  
Physical exam  
History and physical (H&P)  
Excludes:  
Administrative exam  
(7100.0-7140.0)  
Followup visit (4800.0)  
Gynecological exam (3225.0)  
Prenatal exam (3205.0)  
Progress visit (4800.0)
- 3105.0 Well baby examination
- 3130.0 General psychiatric or psychological  
examination  
Includes:  
Psychological testing  
Excludes:  
Court- or school-ordered  
reexamination (7140.0)

SPECIAL EXAMINATIONS (3200-3299)

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- 3200.0 Pregnancy, unconfirmed  
Includes:  
Might be pregnant  
Period late  
Late menses  
Pregnancy test  
Possible pregnancy  
Missed period



- 3205.0 Prenatal examination, routine  
Includes:  
Routine obstetrical care  
Normal antepartum visit  
Pregnancy, NOS
- 3215.0 Postpartum examination, routine
- 3220.0 Breast examination  
Excludes:  
Mammography (3340.0)  
Xerography (3340.0)  
Breast thermography (3340.0)
- 3225.0 Gynecological examination  
Includes:  
Pelvic exam  
Excludes:  
Repeat or abnormal Pap smear (6300.0)  
Examination involving IUD (3510.0)  
Examination for birth control medication (3505.0)  
Examination for birth control, NOS (3500.0)
- 3230.0 Eye examination  
Includes:  
Routine ophthalmological exam  
To test my eyes  
Need new glasses  
Test for nearsightedness, farsightedness  
For glasses  
Check glasses  
For contacts  
Check contacts  
Vision test  
Excludes:  
Fitting glasses or contacts (4515.0)
- 3235.0 Heart examination  
Includes:  
Heart checkup  
Cardiac checkup
- 3240.0 Other special examination  
Includes:  
Neurological exam  
Check tubes  
Examination of functioning internal prosthetic devices  
implants, shunts, etc.
- DIAGNOSTIC TESTS (3300-3399)
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- 3300.0 Sensitization test  
Includes:  
Allergy test  
Excludes:  
To check results of skin tests (6600.0)
- 3305.0 Skin immunity test  
Includes:  
Tuberculin test  
PPD test  
Excludes:  
To check results of skin tests (6600.0)
- 3310.0 Glucose level determination  
Includes:  
Blood sugar test  
Check sugar  
Glucose tolerance test  
Test for diabetes
- 3314.0 Human immunodeficiency virus (HIV) test  
Includes:  
AIDS test  
Excludes:  
To check results of human immunodeficiency virus test (6106.0)
- 3315.0 Other blood test  
Includes:  
Blood count  
Blood culture  
Blood test, NOS  
Blood thinning test  
Check cholesterol  
Prothrombin time  
Sickle cell anemia test  
Excludes:  
Premarital blood test (7135.1)  
3315.1 Blood test for venereal disease
- 3320.0 Blood pressure test  
Includes:  
Check blood pressure  
Blood pressure check
- 3325.0 Urine test  
Includes:  
Test urine for sugar  
Urinalysis  
Estriol for fetal evaluation  
Urine culture
- 3330.0 Diagnostic endoscopies  
Includes:  
Proctoscopy  
Sigmoidoscopy  
Cystoscopy  
Laparoscopy
- 3335.0 Biopsies
- 3340.0 Mammography, xerography, breast thermography  
Excludes:  
Breast examination (3220.0)
- 3345.0 Diagnostic radiology  
Includes:  
X-ray  
Myelogram  
Radioisotope scanning  
IVP  
Angiogram  
Venogram  
Hysterosalpingogram
- 3350.0 EKG, ECG, electrocardiogram, treadmill, stress testing
- 3355.0 EEG, electroencephalogram
- 3360.0 Hearing test  
Includes:  
Hearing exam

3365.0 Pap smear

3370.0 Other and unspecified diagnostic tests  
Includes:  
Centesis  
Electronic fetal monitoring  
Lab test, NOS  
Spinal tap  
Pulmonary function test  
Drug screening

3370.1 Glaucoma test  
Includes:  
Check intraocular pressure

3370.2 Throat culture

OTHER SCREENING AND PREVENTIVE PROCEDURES  
(3400-3499)

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3400.0 Prophylactic inoculations  
Includes:  
Vaccination  
Immunization  
Flu shot  
Tetanus shot

3405.0 Exposure to venereal disease  
Includes:  
May have V.D.  
Check for V.D.

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  
Tuberculosis

FAMILY PLANNING (3500-3599)

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3500.0 Family Planning, NOS  
Includes:  
Counseling, examinations, and general advice regarding  
Birth control, NOS  
Unwanted pregnancy  
Contraceptive, NOS  
Sterilization  
Infertility  
Genetics  
Contraception followup, NOS  
Excludes:  
Specified types of birth control:  
Birth control medication (3505.0)  
IUD (3510.0)  
Procedures performed [see Counseling and examinations for pregnancy interruption (3515.0) through Artificial insemination (3530.0)]

3505.0 Contraceptive medication  
Includes:  
Examinations, instructions, and advice regarding:  
Birth control pills  
Renewing pill prescription  
Oral contraceptives  
Contraceptive implants  
Foams, jellies

3510.0 Contraceptive device  
Includes:  
IUD insertion, removal, checkup  
Diaphragm 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 to be performed (at this visit)  
Includes:  
Male - vasectomy  
Female - tubal ligation

3530.0 Artificial insemination

## TREATMENT MODULE

## MEDICATIONS (4100-4199)

4100.0 Allergy medication  
Includes:  
Allergy shots  
Allergy treatments  
Excludes:  
Allergy testing (3300.0)

4110.0 Injections  
Includes:  
Hormones  
Vitamins  
Iron  
Injections, NOS  
Shots, NOS  
Excludes:  
Immunizations (3400.0)  
Vaccinations (3400.0)  
Inoculations (3400.0)  
Allergy shots (4100.0)

<p>4115.0 Medication, other and unspecified kinds Includes: Renew prescription For medication Request prescription Prescribe medication Check medication Scripts Renew scripts Excludes: Birth control medication (3505.0) Eyeglass prescription [see Eye examination (3230.0) and Fitting glasses and contact lenses (4515.0)] Antibiotic medication (4110.0)</p> <hr/> <p>PREOPERATIVE AND POSTOPERATIVE CARE (4200-4299)</p> <hr/> <p>4200.0 Preoperative visit for specified and unspecified types of surgery Includes: Discussion of cosmetic surgery</p> <p>4205.0 Postoperative visit Includes: Postop care Postop pain Postop suture removal Check surgical wound</p> <hr/> <p>SPECIFIC TYPES OF THERAPY (4400-4499)</p> <hr/> <p>4400.0 Physical medicine and rehabilitation Includes: Physical therapy Heat therapy Hydrotherapy Therapeutic exercises Back adjustment Occupational therapy Recreational therapy Speech therapy Vocational rehabilitation</p> <p>4405.0 Respiratory therapy Includes: Inhalation therapy Asthma treatment</p> <p>4410.0 Psychotherapy Includes: Group therapy Psychoanalysis</p> <p>4415.0 Radiation therapy</p> <p>4420.0 Acupuncture</p> <p>4425.0 Chemotherapy</p>	<hr/> <p>SPECIFIC THERAPEUTIC PROCEDURES (4500-4599)</p> <hr/> <p>4500.0 Tube insertion Includes: Chest tube Bad tube</p> <p>4505.0 Cauterization, all sites</p> <p>4510.0 Urinary tract instrumentation and catheterization Includes: Urethral dilation Excludes: Cystoscopy [see Diagnostic endoscopies (3330.0)]</p> <p>4515.0 Fitting glasses and contact lenses Includes: Prescription renewal Broken or lost glasses or contacts Pick up glasses or contacts Clean glasses or contacts Excludes: Eye examination (3230.0)</p> <p>4520.0 Minor surgery Includes: Ears pierced Joint manipulation Tattoo removal 4520.1 Wart removed</p> <p>4525.0 Kidney dialysis</p> <p>4530.0 External prosthetic devices, artificial body parts (fit, adjust, remove)</p> <p>4535.0 Corrective appliances Includes: Fitting and adjusting: Back brace Leg brace Neck brace Orthopedic shoes</p> <p>4540.0 Cast, splint - application, removal</p> <p>4545.0 Dressing, bandage - application, change</p> <p>4550.0 Irrigation, lavage</p> <p>4555.0 Suture - insertion, removal</p> <p>4560.0 Other specific therapeutic procedures, NEC Includes: Ultraviolet treatment Enema Eye exercises Cryotherapy Wound care, NOS</p>
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 MEDICAL COUNSELING (4600-4699)
 

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- 4600.0 Diet and nutritional counseling  
Includes:  
Check weight  
Counseling for weight reduction
- 4604.0 Human immunodeficiency virus (HIV) counseling  
Includes:  
AIDS counseling  
ARC counseling  
Worried, concerned about getting, transmitting AIDS  
AIDS information, education
- 4605.0 Counseling, NOS  
Includes:  
Wants to talk to doctor  
To meet doctor  
Medical consultation  
Patient education  
To learn about a condition  
Personal problem  
Disease counseling  
Referral  
Second opinion

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 SOCIAL PROBLEM COUNSELING (4700-4799)
 

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- 4700.0 Economic problem  
Includes:  
Too little income  
Can't pay bills
- 4705.0 Marital problems  
Includes:  
Problem with husband, wife  
Alcoholic spouse  
Marriage counseling, NOS  
Premarital counseling  
Divorce, desertion, separation  
Custody battle
- 4710.0 Parent-child problems  
Includes:  
Working mother  
Concern about childhood behavior  
Discipline  
Maturation problems  
Child neglect and abuse  
Adopted or foster child
- 4715.0 Other problems of family relationship  
Includes:  
Aged parents or in-laws  
Problems with relatives  
Family fights and disruptions
- 4720.0 Educational problems  
Includes:  
Absenteeism, truancy  
Problems with teachers  
Hates school  
School behavior problems

- 4725.0 Occupational problems  
Includes:  
Unemployment  
Out of work  
Job dissatisfaction  
Problem with boss or coworkers
- 4730.0 Social adjustment problems  
Includes:  
Loneliness  
Social isolation  
Neighborhood and community relations problems  
Discrimination problems  
Don't have any friends
- 4735.0 Legal problems  
Includes:  
Imprisonment, prosecution  
Lawsuits, litigation
- 4740.0 Other social problems  
Includes:  
Pregnancy out-of-wedlock  
Disasters  
Housing and clothing problems  
Problem with boyfriend or girl-friend  
Problems of aging

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 PROGRES VISIT, NEC (4800-4899)
 

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- 4800.0 Progress visit, NOS (Use only when the only information given is progress or followup)  
Includes:  
Followup, NOS  
Routine followup  
Routine, NOS  
I'm better  
I'm worse  
I'm the same  
Chronic, NOS  
Touching base  
Excludes:  
General checkup (3100.0)  
Followup, disease  
(Code to disease)  
Followup, injury  
(Code to injury)  
Followup, symptom  
(Code to symptom)  
Followup, test results  
(Code to 6100.0-6700.0)  
Postoperative followup (4205.0)

## INJURIES AND ADVERSE EFFECTS MODULE

## INJURY BY TYPE AND/OR LOCATION (5001-5799)

## Fractures and dislocations:

- 5005.0 Head and face  
Includes:  
Skull  
Jaw  
Nose  
Facial bones
- 5010.0 Spinal column  
Includes:  
Neck  
Vertebrae  
Back
- 5015.0 Trunk area, except spinal column  
Includes:  
Rib  
Clavicle  
Collarbone  
Pelvic scapula
- 5020.0 Leg  
Includes:  
Knee  
Femur  
Tibia  
Fibula  
Hip
- 5025.0 Ankle
- 5030.0 Foot and toes
- 5035.0 Arm  
Includes:  
Radius  
Ulna  
Elbow  
Humerus  
Shoulder
- 5040.0 Wrist
- 5045.0 Hand and fingers
- 5050.0 Fracture, other and unspecified

## Sprains and strains:

- 5105.0 Cervical spine, neck  
Includes:  
Whiplash
- 5110.0 Back
- 5115.0 Knee

- 5120.0 Ankle
- 5125.0 Wrist
- 5130.0 Sprain or strain, other and unspecified

## Lacerations and cuts:

- 5205.0 Head and neck area  
Excludes:  
Face (5210.0)
- 5210.0 Facial area  
Includes:  
Eye  
Ear  
Nose
- 5215.0 Trunk area
- 5220.0 Lower extremity  
Includes:  
Ankle  
Foot
- 5225.0 Upper extremity  
Includes:  
Hand  
Fingers  
Arm  
Wrist
- 5230.0 Laceration and cuts, site unspecified

## Puncture wounds:

- 5305.0 Head, neck and facial area
- 5310.0 Trunk area
- 5315.0 Lower extremity
- 5320.0 Upper extremity
- 5325.0 Puncture wound, site unspecified  
Includes:  
Needlestick, NOS

## Contusions, abrasions, and bruises:

- 5405.0 Head, neck, and face  
Excludes:  
Eye (5410.0)
- 5410.0 Eye  
Includes:  
Corneal abrasion  
Black eye
- 5415.0 Trunk area  
Includes:  
Injury to scrotum

5420.0 Lower extremity  
 5425.0 Upper extremity  
 5430.0 Contusion, abrasion, bruise, site unspecified

## Injury, type unspecified:

5505.0 Head, neck, and face  
 5510.0 Eye  
 5515.0 Back  
     Includes:  
     Tail bone  
 5520.0 Chest and abdomen  
     Includes:  
     Internal injuries  
 5525.0 Hip  
 5530.0 Leg  
 5535.0 Knee  
 5540.0 Ankle  
 5545.0 Foot and toe(s)  
 5550.0 Shoulder  
 5555.0 Arm  
 5560.0 Elbow  
 5565.0 Wrist  
 5570.0 Hand and finger(s)  
 5575.0 Injury, multiple or unspecified

## Foreign body:

5600.0 Eye  
 5605.0 Nose  
 5610.0 Skin  
 5615.0 Digestive tract  
     Includes:  
     Mouth  
     Throat  
     Rectum  
 5620.0 Other and unspecified sites

## Burns, all degrees:

5705.0 Head, neck, and face  
 5710.0 Trunk area

5715.0 Extremities  
     Includes:  
     Upper  
     Lower

5720.0 Burn, site unspecified

5750.0 Sunburn, windburn  
     Includes:  
     Sun poisoning

## Bites:

5755.0 Insect  
     Includes:  
     Sting

5760.0 Animal, human

INJURY, NOS (5800-5899)

5800.0 Late effects of an old injury  
     Includes:  
     Scars  
     Deformities

5805.0 Motor vehicle accident, type of injury unspecified  
     Includes:  
     Car accident  
     Auto accident  
     Motorcycle accident

5810.0 Accident, NOS  
     Includes:  
     Fall, type or location of injury unspecified

5815.0 Violence, NOS  
     Includes:  
     Beat up  
     Stabbing  
     Gunshot wound  
     In a fight  
     Excludes:  
     Violence against oneself (5820.0)

5820.0 Suicide attempt  
     Includes:  
     Found in car with motor running  
     Hanging oneself  
     Stabbed oneself  
     Slashed wrists  
     Code also: Laceration of wrists (5225.0)

5820.1 Overdose, intentional

5830.0 Rape  
     Includes:  
     Sexual assault  
     Sexual abuse  
     Molestation

5835.0 Dead on arrival (DOA)  
Includes:  
Death

5840.0 Unconscious on arrival  
Includes:  
Coma  
Stupor  
Knocked out  
Shock  
Cardiac arrest  
Unresponsive  
Found unconscious

POISONING AND ADVERSE EFFECTS (5900-5999)

5900.0 Accidental poisoning  
Includes:  
Food poisoning, ingestion of  
potentially poisonous food  
products  
Accidental ingestion of:  
Household products  
Chemicals  
Drugs

5905.0 Adverse effect of medication  
Includes:  
Allergy to medication  
Penicillin allergy  
Anaphylactic shock  
Bad reaction to prescribed  
medication

5910.0 Adverse effect of drug abuse  
Includes:  
Drug-induced hallucinations  
Combination of drugs and alcohol  
(nonsuicidal)  
Ingestion of drugs for  
nonmedicinal purposes  
Bad trip  
Freaked out on drugs  
Unintentional overdose  
Excludes:  
Intentional overdose (5820.1)

5915.0 Adverse effect of alcohol  
Includes:  
Intoxication  
Drunk  
Acute intoxication

5920.0 Adverse effects of environment  
Includes:  
Air pollution  
Water pollution  
Noise pollution  
Frostbite  
Sun damage

5925.0 Adverse effects, other and  
unspecified  
Includes:  
Seasickness

TEST RESULTS MODULE

(Includes all abnormal test results  
and followups for test results)

6100.0 For results of blood glucose tests  
Includes:  
High blood sugar  
Abnormal glucose tolerance test  
Sugar in blood  
Elevated blood sugar

6105.0 For results of cholesterol and  
triglyceride tests  
Includes:  
High cholesterol

6106.0 For results of test for human  
immunodeficiency virus (HIV)  
Includes:  
Results of AIDS test  
Excludes:  
History of positive HIV test  
findings (2105.2)

6110.0 For other findings of blood tests  
Includes:  
Positive serology, VDRL  
Positive blood culture  
Elevated sed rate

6200.0 For results of urine tests  
Includes:  
Sugar in urine  
Positive urine culture  
Abnormal urinalysis

6300.0 For cytology findings  
Includes:  
Positive Pap smear  
Repeat Pap smear  
Atypical Pap smear  
For results of Pap smear of  
cervix or other area

6400.0 For radiological findings  
Includes:  
X-ray results  
Abnormal X-ray  
Xeromammography results

6500.0 For results of EKG

6600.0 For results of skin tests

6700.0 For other and unspecified test  
results  
Includes:  
Abnormal scans  
Abnormal pulmonary function test  
Abnormal EEG  
Abnormal lab test results, NOS  
To discuss test results with  
physician  
Ultrasonography results  
Results of fetal evaluation  
tests

## ADMINISTRATIVE MODULE

7100.0	Physical examination required for school or employment	7120.0	Driver's license examination
7100.1	Physical examination required for employment Includes: Preemployment examination Required company physical Return to work checkup Teacher's certificate physical	7125.0	Insurance examination
7100.2	Executive physical examination	7130.0	Disability examination Includes: Evaluation of disability Social Security examination
7100.3	Physical examination required for school Includes: High school Nursery school College Grade school Day care center	7135.0	Premarital examination 7135.1 Premarital blood test
7100.4	Physical examination for extracurricular activities Includes: Boy Scouts or Girl Scouts Little League Camp Athletics	7140.0	Other reason for visit required by party other than the patient or the health care provider Includes: Physical examination for adoption Psychiatric examination required by court
		<u>UNCODABLE ENTRIES</u>	
		8990.0	Problems, complaints, NEC
		8997.0	Entry of "none" or "no complaint" Includes: Asymptomatic
		8998.0	Inadequate data base
		8999.0	Illegible entry



## APPENDIX III: 1990 DRUG ENTRY NAMES AND CODES

99999	ILLEGIBLE #MCLNAMES	01825	ANANASE	03101	AXID
99980	OTHER	01835	ANAPHYLATIC SHOCK DRUG KIT	03110	AXOTAL
00010	A AND D			03115	AYR SALINE MIST
00025	A.D.C. VITAMIN DROPS	01838	ANAPROX	03117	AZACTAM
00095	A.P.L.	01840	ANASPAZ	03123	AZATHIOPRINE
00100	A.S.A.	01850	ANATUSS	40170	AZMA-CORT
00110	A.S.A. COMPOUND	01865	ANCEF	03135	AZO GANTANOL
00163	A/T/S	01995	ANEXSIA	03140	AZO GANTRISIN
00220	ACCURBRON	02053	ANOREXIC AGENT	03225	AZULFIDINE
00223	ACCUTANE	02070	ANSPOR	03250	B COMPLEX
00250	ACETA W/CODEINE	02075	ANTABUSE	03285	B COMPLEX W/B-12
00260	ACETAMINOPHEN	02080	ANTACID	03355	B-12
00305	ACETIC ACID	02122	ANTI ACID NO. 1	03233	B-13
00340	ACHROMYCIN	02150	ANTI-TUSS	03395	BACID
00345	ACHROMYCIN V	02157	ANTI-ANEMIA AGENT	03410	BACITRACIN
60030	ACHROMYCIN OPTHALMIC	02125	ANTIACID	60150	BACITRACIN OPTHALMIC
00355	ACI-JEL	02158	ANTIBIOTIC AGENT	03423	BACLOFEN
00385	ACIDULIN	35410	ANTICONVULSANT AGENT	35530	BACTINE
60035	ACLOVATE	35420	ANTI-DIABETIC AGENT	03430	BACTRIM
00400	ACNE-AID	35425	ANTIDIARRHEAL AGENT	03435	BACTRIM DS
00455	ACTH	35445	ANTIFUNGAL AGENT	03438	BACTROBAN
00475	ACTIFED	35450	ANTI-HISTAMINE	03445	BAKER'S BEST HAIR LOTION
00480	ACTIFED-C	35455	ANTI-INFECTION AGENT		
60040	ADALAT	35460	ANTI-INFLAMMATORY AGENT	03485	BALNETAR
00510	ADAPIN	02180	ANTIMINTH	03510	BANALG LINIMENT
00540	ADIPEX	02220	ANTISPAS	03635	BASALJEL
00560	ADRENALIN	02225	ANTISPASMODIC	03645	BASIS SOAP
00570	ADRIAMYCIN	35505	ANTITUBERCULAR AGENT	40185	BAYER ASPIRIN
00590	ADSORBONAC	02250	ANTIVERT	03685	BCG VACCINE
60065	ADSORBONAC OPTHALMIC	02285	ANTURANE	03705	BECLOVANT
00597	ADVIL	02310	ANUSOL	03709	BECONASE
00598	AEROBID	02315	ANUSOL-HC	03743	BEE STING ANTIVENIN
00615	AEROSEB-HC	02340	APAP W/CODEINE	03740	BEELITH
00645	AFRIN	02395	APRESAZIDE	03800	BELLADONNA
00685	AKINETON	02405	APRESOLINE	03825	BELLADONNA W/PHENO- BARBITAL
00740	ALBALON-A	02470	AQUAPHOR		
00825	ALDACTAZIDE	02510	AQUATENSEN	03840	BELLALPHEN
00830	ALDACTONE	41975	AQUATAR	03845	BELLERGA
00835	ALDOCLOR	02575	ARISTOCORT	03850	BELLERGA-S
00845	ALDOMET	02580	ARISTOCORT A	03880	BEMEX
00850	ALDORIL	02585	ARISTOCORT FORTE	03900	BEN GAY
00903	ALKALINIZING AGENT	02595	ARISTOCORT INTRA- LESIONAL	03905	BENADRYL
00905	ALKALOL			03955	BENEMID
00925	ALLBEE	02615	ARISTOSPAN	04000	BENTYL
00935	ALLBEE W/C	02625	ARLIDIN	04010	BENYLIN DM COUGH SYRUP
00979	ALLERGINE	02627	ARMOUR THYROID	04015	BENYLIN SYRUP
00980	ALLERGY RELIEF OR SHOTS	02645	ARTANE	60170	BENYLIN DECONGESTANT COUGH FORMULA
01030	ALLOPURINOL	02705	ASCORBIC ACID	60175	BENZAMYCIN
01090	ALPHA-KERI	02725	ASCRIPITIN	04020	BENZAC
01100	ALPHADERM	41980	ASCRIPITIN A/D	04025	BENZAC W GEL
60070	ALPHA-TREX	02748	ASENDIN	04030	BENZAGEL
01255	ALUPENT	02805	ASPIRIN	04085	BENZGYL
01270	ALUSIL	02850	ASTHMACON	04088	BENZOYL PEROXIDE
01290	AMANTADINE	02855	ASTRING-O-SOL	60180	BENZTROPINE MESYLATE
01305	AMBENYL	02875	ATARAX	04100	BEROCCA
60075	AMBENYL EXPECTORANT	02900	ATIVAN	04188	BETA-VAL
01325	AMEN	02925	ATROMID-S	04120	BETADINE
01335	AMERICAIN	02940	ATROPINE	04130	BETADINE VAGINAL DOUCHE
01420	AMINO-CERV	02944	ATROPINE BUFOPTO	04135	BETADINE VAGINAL GEL
01450	AMINOPHYLLINE	02950	ATROPINE SULFATE	60185	BETAGAN LIQUIFILM
01530	AMITRIPTYLINE	02982	ATROVENT	04190	BETHANECHOL
01565	AMMONIATED MERCURY	02987	AUGMENTIN 125	60205	BETOPTIC
01630	AMOXICILLIN	60115	AUGMENTIN	04230	BICHLORACETIC ACID
01635	AMOXICILLIN TRIHYDRATE	60120	AUGMENTIN 250	04235	BICILLIN
01640	AMOXIL	60125	AUGMENTIN 500	04240	BICILLIN C-R
01670	AMPHOJEL	02995	AURALGAN	04245	BICILLIN LONG-ACTING
01685	AMPICILLIN	03000	AURASOL	04355	BIOZYME
01725	AMYTAL	03040	AVC	04470	BLEACHING PEROXIDE 20 VOLUME
01755	ANACIN	03050	AVEENO		
01775	ANALGESIC	03070	AVENTYL HCL		
01780	ANALGESIC BALM	03095	AVP-NATAL-FA	04478	BLEOMYCIN

## 1990 DRUG ENTRY NAMES AND CODES

04480	BLEPH	06050	CENAFED	07313	COLDRINE
04485	BLEPHAMIDE	06095	CENTRAX	07315	COLESTID
04511	BLOCADREN	06100	CENTRUM	07405	COLY-MYCIN
04515	BLUBORO	06110	CEPACOL	07410	COLY-MYCIN S
04580	BONINE	06120	CEPASTAT	07435	COMBIPRES
04585	BONTRIL PDM	06125	CEPHALEXIN	07440	COMBISTIX
04595	BORIC ACID	06128	CEPHALOSPORINS	07458	COMFORT DROPS
60225	BORIC ACID OPHTHALMIC	06133	CEPHRADINE	07465	COMHIST
50000	BRETHAIRE	06170	CERUMENEX	07470	COMPAZINE
04650	BRETHINE	06175	CERYLIN	07503	CONDRIIN-LA
04660	BREVICON	06210	CETAPHIL	07535	CONHIST
04668	BREXIN	06215	CETAPRED	07543	CONJUGATED ESTROGENS
04803	BROMFED	06294	CHEMOTHERAPY	07553	CONSTANT-T
04808	BROMOCRIPTINE	40335	CHEMSTRIP UGK	04368	CONTRACEPTIVE AGENT
05010	BUFFERIN	06400	CHLOR-TRIMETON	60370	CORDARONE
05024	BUMEX	06405	CHLOR-TRIMETON	07660	CORDRAN
60270	BUSPAR		DECONGESTANT	07670	CORGARD
40250	BUTALBITAL/ASPIRIN/ CAFFEINE	06415	CHLOR-TRIMETON REPETAB	07730	CORRECTIVE MIXTURE
		06420	CHLOR-TRIMETON SYRUP	07755	CORTAID
05085	BUTAL	06430	CHLORAFED	07770	CORTENEMA
05110	BUTAZOLIDIN	06440	CHLORAL HYDRATE	07775	CORTICAINE
05115	BUTAZOLIDIN ALKA	06455	CHLORAMBUCIL	07793	CORTISOL
05145	BUTISOL	06465	CHLORAMPHENICOL	07795	CORTISONE
05250	CAFERGOT	06470	CHLORASEPTIC	07800	CORTISPORIN
05255	CAFERGOT P-B	06485	CHLORASEPTIC GEL	60385	CORTISPORIN OPHTHALMIC
05538	CAL-SUP	06495	CHLORDIAZEPOXIDE	40445	CORZIDE
05310	CALADRYL	06520	CHLOROFON-F	07875	COTAZYM
05320	CALAMINE	06535	CHLOROMYCETIN	07905	COTUSSIS SYRUP
05335	CALAMINE LOTION	06570	CHLOROPTIC	07910	COTYLENOL
05340	CALAMINE LOTION W/PHENOL	06580	CHLOROQUINE	07913	COUGH FORMULA
		06590	CHLOROTHIAZIDE	07920	COUGH SYRUP
05347	CALAN	06605	CHLORPHENIRAMINE	07930	COUMADIN
05350	CALCEE	06620	CHLORPROMAZINE	07980	CP2
05355	CALCET	06625	CHLORPROPAMIDE	08015	CROMOLYN
05390	CALCIMAR	06645	CHLORTHALIDONE	08060	CUPRIMINE
05405	CALCIUM CARBONATE	06695	CHOLEDYL	08090	CYANOCOBALAMIN
05415	CALCIUM	06705	CHOLESTEROL	08130	CYCLAPEN
05430	CALCIUM GLUCONATE	06710	CHOLESTYRAMINE RESIN	08135	CYCLOCORT
05445	CALCIUM LACTATE		DRIED	08140	CYCLOGYL
05465	CALCIUM-D	06748	CHOLYBAR	08150	CYCLOPAR
60285	CALEL-D	06780	CHROMAGEN	08153	CYCLOPHOSPHAMIDE
05510	CALMOL 4	06800	CHRONULAC SYRUP	40455	CYCLOPENTOLATE
05555	CAMALOX	40383	CHYMODIACTIN	08163	CYCRIN
05570	CAMPHOR	06815	CIMETIDINE	08175	CYLERT
05598	CANTHARONE	06838	CINOBAC PULVULE	08180	CYPROHEPTADINE
05645	CAPITROL	06839	CIPRO	08205	CYSTOSPAZ
05648	CAPOTEN	06860	CITRATE OF MAGNESIA	40460	CYT-O-TEC
60290	CAPOZIDE	60325	CITRUCEL	08213	CYTADREN
41875	CAPTOPRIL	06883	CLAFORAN	08230	CYTOMEL
05663	CARAFATE	06905	CLEOCIN	08240	CYTOSAR
05670	CARBACEL	06913	CLEOCIN T	08245	CYTOXAN
05675	CARBACHOL	06920	CLINDAMYCIN	08270	D.H.E. 45
05680	CARBAMAZEPINE	06930	CLINDEX	08345	DACRIOSE
05695	CARBOCAINE	06935	CLINORIL	08368	DALALONE
05720	CARBONIS DETERGENS USP	06975	CLOMID	08385	DALLERGY
05758	CARDIAC AGENT	06980	CLONAZEPAM	08390	DALMANE
05760	CARDILATE	06985	CLONIDINE	08395	DALOLONE
05785	CARDIOQUIN	07003	CLOTIMAZOLE	08397	DAMASON-P
05789	CARDIZEM	60335	CLOXACILLIN	08400	DANAZOL
05810	CARISOPRODOL	07045	CO-APAP	08410	DANOCRINE
05820	CARMOL	60340	CO-GESIC	08420	DANTRIUIM
05825	CARMOL-HC	07075	COAL TAR	08440	DAPSONE
05883	CASTELLANI'S PAINT	07180	CODEINE	08470	DARVOCET-N
05895	CATAPRES	07200	CODIMAL DH SYRUP	08475	DARVON
05955	CECLOR	07205	CODIMAL DM SYRUP	08480	DARVON COMPOUND
05995	CEFAZOLIN	07250	COGENTIN	08490	DARVON-N
05990	CEFOL	07265	COLACE	08535	DDAVP
05993	CEFTIN	07270	COLBENEMID	08560	DEBRISAN
06005	CELESTONE	07275	COLCHICINE	08565	DEBROX
06010	CELESTONE PHOSPHATE	07293	COLD RELIEF	08570	DECA-DURABOLIN
06015	CELESTONE SOLUSPAN	07300	COLD TABLET	08575	DECADERM

## 1990 DRUG ENTRY NAMES AND CODES

08585	DECADRON	09593	DILATRATE	10865	DYRENIUM
08590	DECADRON ELIXIR	09600	DILAUDID	10875	E.E.S.
08595	DECADRON PHOSPHATE	09625	DILOR	11553	E.P. MYCIN
08605	DECADRON-LA	09630	DILOR-G	10905	E-MYCIN
08608	DECADRON TURBINAIRE	09635	DIMACOL	10910	E-PILO
08660	DECONAMINE	09650	DIMENTABS	10925	EAR DROPS
08670	DECONGESTANT	09660	DIMETANE	10948	EASPRIN
08690	DECONGESTCAPS	09665	DIMETANE ELIXIR	10970	ECONOPRED
08705	DEHIST	09675	DIMETANE EXPECTORANT-DC	10975	ECOTRIN
08720	DELADUMONE	09680	DIMETANE EXTENTAB	10985	EDECRIIN
08730	DELATESTRYL	09690	DIMETAPP	11025	EFUDEX
08745	DELESTROGEN	09815	DIPH TET TOXIODS	11065	ELAVIL
08753	DELSYM	09850	DIPHENHYDRAMINE	11100	ELDERTONIC ELIXIR
08770	DELTASONE	09880	DIPHENOXYLATE HCL & ALTROPINE SULFATE	11115	ELDOPAQUE
08780	DEMEROL			11120	ELDOQUIN
08795	DEMI-REGROTON	09895	DIPHThERIA ANTITOXIN	11140	ELIXOPHYLLIN
08805	DEMULEN	09900	DIPHThERIA TETANUS	11152	ELOCON
08810	DEMULEN-28		TOXOIDS	11190	EMETROL
08835	DEPAKENE	09905	DIPHThERIA TOXOID ADULT	11210	EMPIRIN
08836	DEPAKOTE	09990	DIPHThERIA TETANUS TOXOIDS PERTUSSIS	11230	EMPIRIN COMPOUND #3
08840	DEPEN			11240	EMPIRIN COMPOUND W/CODEINE
08860	DEPO-ESTRADIOL	09993	DIPHThERIA TOXOID		EMPIRIN NO. #3
08865	DEPO-MEDROL	09915	DIPROSONE	11250	EMPIRIN W/CODEINE
08870	DEPO-PROVERA	40615	DIPROLENE	11260	ENDEP
08875	DEPO-TESTADIOL	09920	DIPYRIDAMOLE	11325	ENDURON
08880	DEPO-TESTOSTERONE	09925	DISALCID	11340	ENDURONYL
60400	DEPONIT	09995	DITROPAN	11345	ENKAID
08955	DERMACORT	10005	DIULO	11372	ENSURE
09000	DERMOPLAST	10015	DIUPRES	11390	ENTEX
09020	DESIPRAMINE	10020	DIURETIC	11395	ENTOZYME
09025	DESITIN	10025	DIURIL	11400	ENZYME
09033	DESOWEN	10048	DOB OIL	11433	EPIFRIN
09035	DESOXYCORTICOSTERONE	10086	DOCUATE SODIUM W/CASANTHRANOL	11525	EPINEPHRINE
09040	DESOXYN			11540	EPIPEN
09043	DESQUAM-E	10087	DOCUSATE	11548	EPY
09045	DESQUAM-X	10126	DOLOBID	11555	EPSOM SALT
09050	DESQUAM-X WASH	10130	DOLOPHINE	11575	EQUAGESIC
40520	DESYREL	10145	DOMEBORO	11580	EQUANIL
60405	DEXACIDIN	10150	DOMEORO OTIC	11585	ERGOCALCIFEROL
09075	DEXAMETHASONE	10180	DONATUSSIN	11615	ERGOLID MESYLATES
09080	DEXAMETHASONE ACETATE	10200	DONNAGEL	11616	ERGOTAMINE
09120	DEXEDRINE	10205	DONNAGEL-PG	11640	ERGOTRATE
09130	DEXONE	10210	DONNATAL	11645	ERY-TAB
09155	DEXONE L.A.	10213	DONNATAL NO.2	11658	ERYC
09173	DEXTROMETHORPHAN COUGH	10215	DONNAZYME	11651	ERYCETTE
09175	DEXTROSE	10250	DORCOL PEDIATRIC COUGH SYRUP	60535	ERYDERM
09193	DHS SHAMPOO			11653	ERYGEL
60435	DHS ZINC	10254	DORCOL	11654	ERYMAX
42245	DI-GESIC	10255	DORIDEN	40725	ERYPED
40580	DIABETA	60485	DORYX	11657	ERYTHROCIN
09250	DIABINESE	10273	DOSS COMPOUND PLUS	11660	ERYTHROMYCIN
09290	DIALOSE	10325	DOXEPIN	11665	ERYTHRO-RX
09305	DIAMOX	10330	DOXIDAN	11667	ERYTHROMYCIN OPHTHALMIC
09352	DIASORB	10355	DOXYCYCLINE	11668	ESERINE
09370	DIAZEPAM	10380	DRAMAMINE	11680	ESGIC
09373	DIAZOXIDE	10485	DRIXORAL	11688	ESIDRIX
09385	DIBENZYLINE	10518	DRYSOL	11690	ESIMIL
09395	DICAL-D	10535	DTIC	11695	ESKALITH
09433	DICLOXACILLIN	10550	DUADACIN	11700	ESTAR
09455	DICYCLOMINE	10575	DULCOLAX	11715	ESTINYL
09465	DIDREX	10630	DUOFILM	11725	ESTIVIN
09475	DIENESTROL	10650	DUOLUBE	11730	ESTRACE
09500	DIETHYLSTILBESTROL	10755	DURAQUIN	11740	ESTRADIOL
09535	DIGITALIS	10760	DURATEARS	11745	ESTRATEST
09540	DIGITOXIN	10800	DURICEF	11765	ESTRADERM
09545	DIGOXIN	10805	DUVOID	60545	ESTROGENIC SUBSTANCE
40585	DIHYDROERGOTOXINE MESYLATE	10810	DV	40730	ESTROGENS
		10815	DYAZIDE	40735	ESTROGEN
09585	DILANTIN	10835	DYMELOR	11800	ESTRONE
09590	DILANTIN W/PHENO- BARBITAL	10845	DYNAPEN	11815	ESTRONE SUSPENSION
		10855	DYPAP ELIXIR	11830	

## 1990 DRUG ENTRY NAMES AND CODES

11845	ESTROVIS	13295	GELUSIL	14985	HYDRODIURIL
11860	ETHAQUIN	13310	GENOPTIC	14990	HYDROGEN PEROXIDE
11880	ETHINYL ESTRADIOL	13320	GENTAMICIN	15010	HYDROMOX
11920	ETRAFON	60640	GENTAMICIN OPHTHALMIC	15035	HYDROPRES
11945	EUCERIN	40775	GENTACIDIN	15040	HYDROQUINONE
11960	EURAX	13325	GENTIAN VIOLET	15090	HYDROXYUREA
11965	EUTHROID	13350	GEOCILLIN	15100	HYDROXYZINE
12035	EXCEDRIN	13510	GG	15115	HYGROTON
11978	EXPECTORANT	13550	GLUCOSE	15138	HYLOREL
12050	EXSEL LOTION	13553	GLUCOTROL	41840	HYOSCINE
12055	EXTENDRYL	13565	GLUTAMIC ACID	15190	HYPER-TET
60550	EYE DROPS	13595	GLY-OXIDE	15220	HYPERSTAT I.V.
12120	F-E-P	60665	GLYCERIN	15240	HYPOTEARS
12140	FASTIN	13750	GOLD SODIUM THIOSULFATE	15243	HYPOTENSIVE AGENT
12160	FEDAHIIST	13765	GONIOSOL	15305	HYTONE
12193	FELDENE	13785	GRIFULVIN	15307	HYTRIN
60560	FEMSTAT	13790	GRIS-PEG	15370	IBERET
12245	FENOPROFEN	13795	GRISACTIN	15375	IBERET-FOLIC-500
12255	FEOSOL	13800	GRISEOFULVIN	15395	IBUPROFEN
12260	FEOSOL ELIXIR	13818	GUAIFED	15485	ILOPAN-CHOLINE
12270	FEOSOL SPANSULE	13835	GUAIFENESIN	15490	ILOSONE
12275	FEOSTAT	13858	GUIAPHED	15495	ILOTYCIN
12285	FER-IN-SOL	13865	GUIATEX	15515	IMFERON
12290	FERANCEE	13875	GUIATUSS	15520	IMIPRAMINE
12300	FERGON	13930	GYNE-LOTRIMIN	15535	IMMUGLOBIN
12340	FERO-FOLIC-500	42433	GYNODEN	15540	IMMUNE SERUM GLOBULIN
12415	FERRO-SEQUEL	13999	HALCION	15545	IMODIUM
12465	FERROUS FUMARATE	14000	HALDOL	15555	IMURAN
12480	FERROUS GLUCONATE	14015	HALEY'S MO	15575	INDERAL
12490	FERROUS SULATE	14035	HALOG	15580	INDERIDE
12510	FESTAL	14040	HALOPERIDOL	15590	INDOCIN
12521	FIBERCON	14045	HALOTESTIN	15600	INDOMETHACIN
12550	FIORINAL	14050	HALOTEX	15615	INFLAMASE
12565	FIORINAL NO. 3	14080	HC	60735	INFLUENZA VIRUS VACC
12570	FIORINAL W/CODEINE	41800	HCTZ	15630	INH
60595	FIORICET	14090	HEAD & SHOULDERS	15665	INPERSOL
12585	FLAGYL	14091	HEALON	15680	INSULIN
12620	FLEET ENEMA	14240	HEPARIN	15685	INTAL
12635	FLEXERIL	14279	HEPTAVAX-B	15705	INTROPIN
12663	FLORICAL	14280	HEPTUNA PLUS	15710	INULIN
12665	FLORINEF	14380	HI B-COMPLEX W/C	15725	IODIDES TINCTURE
12670	FLORONE	60695	HIB-IMUNE	15780	IONAMIN
12695	FLUOGEN	60700	HIB-VAX	15785	IONAX
12735	FLUORIDE	14415	HIBICLENS	15790	IONIL
12763	FLUOROMETHOLONE	14500	HISTALET	15805	IOPIDINE
12765	FLUOROPLEX	14535	HISTAMINE	60760	IRIGATE ISOTONIC BUFFERED
12770	FLUOROURACIL	14540	HISTAMINE PHOSPHATE		
60605	FLUOR-OP	14625	HMS	15860	IROMIN-G
12780	FLUPHENAZINE	14645	HOMATROPINE	15870	IRON PREPARATION
12810	FLURAZEPAM	14683	HORMONE	15930	ISO-BID
12830	FLUZONE	14695	HOSPITAL RUB	15980	ISOLLYL
12847	FML FORTE OPHTHALMIC	14725	HUMORSOL	16005	ISOPHRIN
12845	FML LIQUIFILM	14727	HUMULIN	16020	ISOPROPYL ALCOHOL
42380	FML-FORTE OPHTHALMIC	41895	HUMULIN INSULIN	16045	ISOPTO CARPINE
41860	FOLATE	14768	HYCODAPHEN	16050	ISOPTO CETAMIDE
12865	FOLIC ACID	14770	HYCODAN	16055	ISOPTO CETAPRED
12955	FORMULA 44-D COUGH MIXTURE	14795	HYCOMINE	40905	ISOPTIN
		14805	HYCOTUSS	16095	ISORDIL
12975	FOSFREE	14810	HYDELTRA-T.B.A.	16100	ISORDIL W/PHENOBARBITAL
12980	FOSTEX	14820	HYDERGINE	16105	ISOSORBIDE
12998	FOTOTAR	14840	HYDRALAZINE	16195	K-C
13045	FULVICIN	14875	HYDREA	60775	K-DUR
13096	FUNGOID	14900	HYDRO-CHLORO-THIAZIDE	16210	K-LOR
13100	FURACIN	14903	HYDROCORT	41915	K-LYTE
13105	FURADANTIN	14917	HYDROCET	16222	K-NORM
13118	FUROSEMIDE	14930	HYDROCHLOROTHIAZIDE	16255	K-PHOS NEUTRAL
13180	GAMULIN RH	14945	HYDROCIL	16268	K-TAB
13195	GANTANOL	14955	HYDROCOZONE	16270	K-Y STERILE LUBRICATING JELLY
13200	GANTRISIN	14960	HYDROCODONE SYRUP		
13205	GARAMYCIN	14965	HYDROCORTISONE	16310	KANTREX
13220	GAVISCON	14980	HYDROCORTONE	16325	KAOCHLOR

## 1990 DRUG ENTRY NAMES AND CODES

16360	KAON	17760	LIVER, IRON & VITAMINS	19130	METHYL SALICYLATE
16365	KAOPECTATE	17825	LO/OVRAL	19140	METHYLCELLULOSE
16405	KARAYA GUM	17834	LOCODID	19155	METHYLDOPA
16440	KAY CIEL	17835	LOCORTEN	19160	METHYLENE BLUE
16455	KAYEXALATE	17840	LOESTRIN	19180	METHYLPREDNISOLONE
41850	KCL	17865	LOMOTIL	19185	METHYLTESTOSTERONE
16475	KEFLEX	17875	LONITEN	19205	METIMYD
16482	KEFTAB	17883	LOPID	19208	METOCLOPRAMIDE
16485	KEFZOL	17885	LOPRESSOR	19218	METOPROLOL
16490	KELEX	40950	LOPROX	19231	METRO
16505	KENALOG	17889	LOPURIN	19233	METRONIDAZOLE
16520	KERALYT	17888	LORAZEPAM	19242	MEVACOR
16525	KERI	17890	LORELCO	60920	MEXITIL
16535	KERODEX	17925	LOTRIMIN	19280	MICATIN
16635	KIE	60835	LOTRISONE	19313	MICRO-K EXTENCAPS
60790	KLONOPIN	17940	LOXAPINE	19320	MICRONOR
16728	KLOTRIX	17945	LOXITANE	19337	MICROX
16735	KOATE	40955	LOZOL	50035	MICRONASE
16765	KOMED	17975	LUBRIDERM	19343	MIDAMOR
16785	KONDREMUL	17978	LUDIOMIL	19360	MIDRIN
16800	KONSYL	18000	LUFYLLIN-GG	19375	MILK OF MAGNESIA
16820	KOROMEX	18020	LURIDE DROPS	19445	MINERAL OIL
16860	KUTAPRESSIN	60845	LURIDE	19455	MINIPRESS
16870	KWELL	18080	M.V.I.	60925	MINIZIDE 1
16895	L-THYROXINE	18100	M-M-R	42705	MINIZIDE
40908	L-TRYPTOPHANE	18125	MAALOX	19460	MINOCIN
16905	LABID	18130	MACRODANTIN	19465	MINOCYCLINE
60795	LACHYDRIN	18190	MAGNESIUM CHLORIDE	19478	MINOXIDIL
16915	LACRI-LUBE	18205	MAGNESIUM OXIDE	19515	MISSION PRENATAL
16940	LACTIC ACID	18295	MALTSUPEX	19525	MISSION PRENATAL H.P.
16945	LACTICARE LOTION	18315	MANDELAMINE	19550	MITHRAMYCIN
16950	LACTINEX	18345	MANNITOL	19568	MIXTARD
60805	LACTRASE	18375	MARAX	19575	MOBAN
16975	LACTULOSE	18380	MARAZIDE	19590	MOBISYL
17010	LANAMINS	18395	MARCAINE	19605	MODICON
17113	LANOXICAPS	18480	MATERNA	19610	MODICUM
17115	LANOXIN	18498	MAXAIR	60935	MODRASTANE
17150	LAROTID	18515	MAXIDEX	19618	MODURETIC
17165	LASIX	18518	MAXIFLOR	41865	MOM
17243	LAXATIVE	18520	MAXITROL	42715	MONISTAT VAGINAL
17265	LECITHIN	60875	MAXIVATE	42720	MONISTAT-DERM
17270	LEDERCILLIN VK	18523	MAXZIDE	19635	MONISTAT
17295	LENSINE	18540	MEASLES VIRUS VACCINE	19640	MONISTAT 7
17304	LENTE INSULIN SUSPENSION	18550	MEBARAL	19644	MONO-GESIC
17320	LEUCOVORIN	18553	MECLAN	19650	MORPHINE
17325	LEUKERAN	18555	MECLIZINE	19673	MOTOFEN
60815	LEVLEN	18558	MECLOMEN	19675	MOTRIN
17340	LEVO-DROMORAN	18625	MEDIHALER-ERGOTAMINE	19699	MS CONTIN
17365	LEVOTHROID	60885	MEDIPLAST PLASTERS	19785	MULTI-VITAMIN
17370	LEVOTHYROXINE	60890	MEDIPREN	19790	MULTI-VITES
17375	LEVSIN	18640	MEDROL	19815	MULTIPLE VITAMIN
17390	LEVSINEX	18643	MEDROXYPROGESTERONE	19825	MULTIPLE VITAMINS
17395	LEVSINEX/PHENOBARBITAL	18655	MEGACE	19840	MULTIVITAMIN
17440	LIBRAX	18661	MEGAVITE-75	19905	MUMPS VIRUS VACCINE LIVE
17445	LIBRITABS	18664	MELANEX	19925	MURINE
17450	LIBRIUM	18670	MELLARIL	60955	MURO TEARS
17470	LIDA-MANTLE-HC	18745	MENTHOL	19940	MUROCEL
17475	LIDEX	18755	MEPERGAN	19955	MUSTARGEN
17485	LIDOCAINE	18795	MEPROBAMATE	19995	MYADEC
17530	LIMBITROL	60895	MERITAL	20005	MYAMEAD
17540	LINCOCIN	18920	MESTINON	20010	MYCELEX
17545	LINCOMYCIN	18925	METAHYDRIN	20035	MYCITRACIN
17548	LINDANE	18930	METAMUCIL	20055	MYCOLOG
17560	LIORESAL	18935	METANDREN	20060	MYCOSTATIN
17668	LIQUID PRED	18950	METARAMINOL	20075	MYDRIACYL
17670	LIQUIFILM	18985	METHADONE	20080	MYLANTA
17715	LITHIUM	19025	METHAZOLAMIDE	20095	MYLICON
17725	LITHOBID	19045	METHERGINE	20105	MYOCHRYSSINE
17735	LITHOTABS	19070	METHOCARBAMOL	20110	MYOFLEX
17755	LIVER	19090	METHOTREXATE	20135	MYSOLINE
		19118	METHYLCLOTHIAZIDE		

## 1990 DRUG ENTRY NAMES AND CODES

20153	MYTREX	42800	NORMAL SALINE	22670	PANMYCIN
60985	NA SAL	21373	NORMODYNE	22675	PANOXYL
20185	NAFTIN	21385	NOROXINE	22740	PANWARFIN
20190	NALDECON	61040	NOROXIN	22770	PAPAVERINE
20200	NALDELATE SYRUP	21390	NORPACE	22810	PARAFON FORTE
20210	NALFON	21400	NORPRAMIN	22825	PARASAL SODIUM
20260	NAPHCN	21403	NORTRIPTYLINE	22845	PAREGORIC
20270	NAPHCN-A	21425	NOVAFED	22858	PARENTERAL NUTRITION/ VIA FLEX
20285	NAPROSYN	21430	NOVAFED A		
20290	NAPROXEN	21440	NOVAHISTINE	22860	PAREPECTOLIN
20300	NAQUA	21450	NOVAHISTINE DH	22875	PARLODEL
20315	NARDIL	21465	NOVAHISTINE EXPECTORANT	22885	PARNATE
20320	NASAHIST	21494	NOVANTRONE	22890	PARSIDOL
20338	NASALIDE	21500	NOVOCAIN	22945	PAVABID
41150	NASALCROM	61045	NOVOLIN	23015	PBZ
20360	NATABEC	41855	NPH INSULIN	23047	PCE
20385	NATAFORT	21513	NTG	23085	PEDAMETH
20390	NATALINS	21515	NTZ	23100	PEDIACOF
20395	NATALINS RX	21550	NUBAIN	23120	PEDIALYTE
20435	NAVANE	21555	NUCOFED	23125	PEDIAMYCIN
20455	NEBCIN	21585	NUPERCAINAL	23135	PEDIATRIC COUGH SYRUP
20485	NEGATAN	61060	NUPRIN	23150	PEDIAZOLE
20490	NEGRAM	21605	NUTRACORT	61135	PEDIACARE
20505	NEMBUTAL	21610	NUTRADERM	61140	PEDIAPRED
20555	NEO-MEDROL	21620	NUTRAMIGEN	23159	PEDIOTIC
20585	NEO-SYNALAR	21670	NYQUIL	23185	PEN-VEE K
20595	NEO-SYNEPHRINE	21695	NYSTATIN	23210	PENICILLAMINE
20600	NEO-SYNEPHRINE II	21700	NYSTATIN VAGINAL TABLET	23215	PENICILLIN
20655	NEODECADRON	21723	OBCT S.R. CAPSULE	23220	PENICILLIN G
20665	NEOFED	21750	OCEAN MIST	23223	PENICILLIN PROCAINE
20690	NEOMYCIN	42835	OCTICAIR	23225	PENICILLIN V
20730	NEOSPORIN	21753	OCUCLEAR	23230	PENICILLIN VK
42780	NEOSPORIN OPHTHALMIC	21754	OCUFEN	61145	PENNTUSS
20765	NEOTHYLLINE-GG	41215	OCUTRICIN	61150	PENTAM 300
20805	NEPTAZANE	21765	OGEN	61160	PEPCID
20835	NEUTRA-PHOS	21775	OILATUM SOAP	23370	PEPTO-BISMOL
20855	NEUTROGENA	21795	OMNIPEN	23385	PERCOCET-5
20885	NIACIN	21800	ONCOVIN	23390	PERCODAN
20950	NICOBID	61095	OPHTHAINE	23415	PERDIEM GRANULE
61025	NICORETTE	21899	OPTICROM	23420	PERESTAN
20980	NICOTINIC ACID	21900	OPTIMINE	23430	PERI-COLACE
21020	NIFEREX-PN	21925	ORABASE	23440	PERIACTIN
21065	NILSTAT	21995	ORETIC	23490	PERITRATE
21125	NITRO T.D.	22015	ORGANIDIN	23500	PERMAPEN AQUEOUS SUSPENSION
21130	NITRO-BID	22025	ORIMUNE POLIOVIRUS VAC LIVE ORAL	23520	PERNOX
21137	NITROCINE			23521	PEROXYL
21143	NITRO-DUR	22030	ORINASE	23525	PERSA-GEL
21144	NITRODISC	22055	ORNADE	23535	PERSANTINE
21155	NITROGEN	22065	ORPHENADRINE	23540	PERSISTIN
21160	NITROGLYCERIN	22080	ORTHO-CREME	23545	PERTINEX
21165	NITROGLYN	22085	ORTHO-GYNOL	23560	PERTUSSIN
21170	NITROL	22090	ORTHO-NOVUM	23585	PETROLATUM
21180	NITROSPAN	61100	ORUDIS	23605	PFIZERPEN
21185	NITROSTAT	22110	OS-CAL	23610	PHAZYME
21195	NITROUS OXIDE	22120	OS-CAL 500	23645	PHEN-DIMETRAZINE
21200	NIVEA	22160	OTIC DROPS	23670	PHENAPHEN NO. 3
61035	NIX	41220	OTICAIR	23680	PHENAPHEN W/CODEINE
21203	NIZORAL	22180	OTOBIOTIC	23730	PHENCEN-50
21215	NOLAMINE	22200	OTRIVIN	23745	PHENDIMETRAZINE
21218	NOLEX LA	22210	OVCON	23755	PHENERGAN
21225	NOLVADEX	22215	OVRAL	23765	PHENERGAN EXPECTORANT PLAIN
21245	NOR-Q.D.	22233	OXACILLIN		
21270	NORAZINE	22270	OXSORALEN	23770	PHENERGAN EXPECTORANT W/CODEINE
21228	NORDETTE	22287	OXYBUTYNIN CHLORIDE		
21278	NORETHIN	22315	OXYGEN	23780	PHENERGAN SYRUP
21280	NORFLEX	22338	OXYSTAT	23785	PHENERGAN VC EXPECT- ORANT PLAIN
21290	NORGESIC	22405	P&S		
21300	NORINYL	22435	P-V TUSSIN	23790	PHENERGAN VC EXPECT- W/CODEINE
21305	NORISODRINE	61130	PAIN RELIEVER		
21330	NORLESTRIN	22520	PAMELOR	23792	PHENERGAN W/DEXTRO- METHORPHAN
21335	NORLUTATE	22630	PANCREASE		

## 1990 DRUG ENTRY NAMES AND CODES

23795	PHENERGAN-D	25213	PROCARDIA	26477	RETROVIR
23798	PHENERGAN W/CODEINE	25243	PROCTOCREAM-HC	26510	RHEUMATREX
23845	PHENOBARBITAL	25250	PROCTOFOAM	26665	RHUS TOX ANTIGEN
23870	PHENOBARBITAL ELIXIR	25255	PROCTOFOAM-HC	26695	RID
23935	PHENOL	25268	PROFAC-D	61290	RIDAURA
23970	PHENTERMINE	25305	PROGESTERONE	26715	RIFAMPIN
24005	PHENYLBUTAZONE	25318	PROHIBIT	26740	RIOPAN
24015	PHENYLEPHRINE	25330	PROLIXIN	26750	RIOPAN PLUS
24025	PHENYLPROPANOLAMINE	25338	PROLOPRIM	26760	RITALIN
24045	PHENYTOIN	25359	PROMETH W/COD	26785	ROBAXIN
24075	PHISODERM	25365	PROMETHAZINE	26790	ROBAXISAL
24080	PHISOHEX	25395	PROMETHAZINE HCL EXPECTORANT	26795	ROBICILLIN VK
61180	PHOSPHOLINE IODIDE			26825	ROBITET
24140	PHRENILIN	25432	PROMETHAZINE W/CODEINE	26830	ROBITUSSIN
24178	PILAGAN	25455	PRONESTYL	26835	ROBITUSSIN A-C SYRUP
24185	PILLO	25459	PROPAC	26840	ROBITUSSIN-CF
24190	PILOCAR	25470	PROPANOLOL	26845	ROBITUSSIN-CF SYRUP
24195	PILOCARPINE	25475	PROPANTHELINE	26850	ROBITUSSIN-DAC SYRUP
24280	PLACEBO	25490	PROPHYLLIN	26855	ROBITUSSIN-DM COUGH CALMERS
24300	PLAQUENIL	25493	PROPINE		
24355	PNEUMOVAX	25510	PROPOXYPHENE	26860	ROBITUSSIN-DM SYRUP
24365	PODOPHYLLIN	25530	PROPOXYPHENE HCL W/ACETAMINOPHEN	26865	ROBITUSSIN-PE SYRUP
24370	PODOPHYLLUM			26870	ROCALTRON
24390	POISON IVY EXTRACT	42985	PROPRANOLOL	61295	ROCEPHIN
24400	POLARAMINE	25550	PROPYLENE GLYCOL	26883	ROGAINE
24405	POLIOMYELITIS VACCINE	25560	PROPYLTHIOURACIL	26890	ROLAIDS
24415	POLY-VI-FLOR	25585	PROSTIN	26930	RONDEC
24420	POLY-VI-SOL	25608	PROTEXIN	26935	RONDEC-DM
41310	POLY-VI-SOL W/IRON	25618	PROTOSTAT	41420	ROXANOL
24478	POLY-PRED	25635	PROVAL	26975	RU-CORT
24445	POLYCYTRA	25638	PROVENTIL	27045	RU-TUSS
24450	POLYCOSE	25640	PROVERA	27075	RUBELLA VIRUS VACCINE LIVE
24465	POLYMOX	25670	PROXIGEL		
24510	POLYSPORIN	25674	PROZAC	27103	RUFEN
24535	POLYVITAMIN FLUORIDE	25675	PROZEX	27130	RUTIN
24545	PONDIMIN	25680	PROZINE 50	27155	RVP
24550	PONSTEL	25695	PSEUDOEPHEDRINE	27190	RYNATAN
61200	POSTURE	25696	PSEUDOEPHEDRINE W/TRIPROLDINE	27195	RYNATUSS
24595	POTABA			27250	S-P-T
24640	POTASSIUM BROMIDE	61260	PSORCON	27327	SALFLEX
24650	POTASSIUM	25705	PSORIASIS CREAM	27340	SALICYLATE
24653	POTASSIUM CHLORIDE	41845	PTU	27345	SALICYLIC ACID
41330	PRAMASONE	35576	PURIFIED PORK INSULIN	27350	SALICYLIC ACID & SULFUR SOAP
24790	PRAMILET FA	25760	PURPOSE		
24795	PRAMOSONE	25810	PYRIDIUM	27355	SALICYLIC ACID SOAP
24803	PRAX LOTION	25825	PYRIDOXINE	27360	SALIGEL
24805	PRAZOSIN	25890	P2E1	27368	SALINE
24830	PRE-NATAL VITAMINS	25965	QUESTRAN	27420	SALUTENSIN
24850	PRED FORTE	25970	QUIBRON	27440	SANSERT
24855	PRED MILD	25995	QUIBRON-300	27459	SARNA
24880	PREDNICEN-M	26015	QUINAGLUTE	27495	SASTID
24885	PREDNISOLONE	26020	QUINAMM	27512	SCABENE
24890	PREDNISONE	41390	QUINATIME	27545	SCOPOLAMINE
24950	PREMARIN	26025	QUINE	27635	SEBULEX
24960	PREMARIN VAGINAL	26030	QUINIDEX EXTENTAB	27650	SECONAL
24975	PRENATAL FORMULA (VITAMINS)	26035	QUINIDINE	27660	SECRAN
		26040	QUINIDINE SULFATE	61330	SECTRAL
24980	PRENATAL STUART	26043	QUININE & UREA	61340	SELDANE
24990	PRENATAMIN	26045	QUININE SULFATE	27725	SELENIUM
24995	PREPARATION H	61275	R & C	27730	SELSUN
25025	PRESUN	26135	RAUDIXIN	27735	SELSUN BLUE
25055	PRIMIDONE	26185	RAUWOLFIA	27785	SENOKOT
25065	PRINCIPEN	26190	RAUZIDE	27816	SENSORCAINE
25078	PRINIVIL	26250	REGITINE	27835	SEPTRA
25100	PRO-BANTHINE	26255	REGLAN	27840	SEPTRA DS
25140	PROBEN-C	26265	REGROTON	27845	SER-AP-ES
25150	PROBENECID	26320	RENACIDIN	27855	SERAX
25180	PROCAINAMIDE	26335	RENESE	27865	SERENTIL
25185	PROCAINE	26425	RESERPINE	27895	SERPASIL ELIXIR
25200	PROCAN SR	26453	RESTORIL	27948	SHUR-SEAL GEL
25210	PROCARBAZINE	26475	RETIN-A	27960	SIGTAB

## 1990 DRUG ENTRY NAMES AND CODES

27985	SILVADENE	29945	SULFOXYL LOTION REGULAR	30955	TESTOSTERONE SUSPENSION
27995	SILVER NITRATE	29955	SULFUR	30980	TESTRED
28000	SILVER NITRATE TOUGHENED STICKS	29960	SULFUR & RESORCIN COMPOUND	31000	TETANUS ANTITOXIN
28080	SINEMET	30010	SULPHUR	31005	TETANUS DIPHTHERIA TOXOID
28085	SINEQUAN	30015	SULTRIN	31015	TETANUS TOXOID
28100	SINGLET	30035	SUMYCIN	31020	TETRA
28145	SINULIN	30050	SUNDOWN	31045	TETRACYCLINE
28155	SINUS	30030	SUNSCREEN	31055	TETRACYN
28165	SINUTAB	30195	SURFAK	31085	TEXACORT
28350	SKELAXIN	30235	SURMONTIL	31110	THEELIN AQUEOUS SUSPENSION
35580	SLO-BID	61400	SUS-PHRINE		
28366	SLO-NIACIN	30305	SYMMETREL	31120	THEO-DUR
28380	SLO-PHYLLIN SYRUP	30330	SYNALAR	31130	THEO-LIX
28365	SLO-PHYLLIN	30335	SYNALGOS	41610	THEO-24
28382	SLOPRIN	30340	SYNALGOS-DC	31175	THEODRINE
41470	SLOW FE	30365	SYNEMOL	31195	THEOKIN
28390	SLOW-K	30370	SYNKAYVITE	31200	THEOLAIR
28391	SLOW-MAG	30395	SYNTHROID	31210	THEOLIXIR
28399	SMZ	32690	T.B. TINE TEST	31219	THEOPHENYLLINE
28490	SODIUM CARBONATE	30468	T-STAT	31225	THEOPHYL
28495	SODIUM CHLORIDE	30472	T/SAL	31235	THEOPHYLLINE
28595	SODIUM FLUORIDE	30475	TABRON	31245	THEOPHYLLINE ELIXIR
28620	SODIUM IODIDE	30478	TAC-3	31280	THEOZINE
28675	SODIUM SALICYLATE	30480	TACARYL	31318	THERA-GESEIC BALM
28683	SODIUM SULFACETAMIDE OPHTH	30485	TACE	31325	THERAGRAN
28695	SODIUM THIOSALICYLATE	30495	TAGAMET	31330	THERAGRAN HEMATINIC
41485	SODIUM L-THYROXINE	30513	TALACEN	31410	THERAVIT HEMATINIC
28734	SOLAQUIN	30520	TALOIN	31455	THIAMINE
28750	SOLBAR	30535	TALWIN	31543	THIORIDAZINE
28755	SOLFOTON	61405	TAMBOCOR	31525	THIOSULFIL FORTE
28760	SOLGANAL SUSPENSION	30553	TAMOXIFEN	31540	THIOTEPA
28800	SOLU-MEDROL	30565	TANNIC ACID	31542	THIOTHIXENE
28815	SOMA COMPOUND	30585	TAPAZOLE	31550	THORAZINE
28820	SOMA COMPOUND W/CODEINE	30590	TAR	31600	THYMOL
28825	SOMA	30630	TAVIST	31620	THYRO-TERIC
28840	SOMOPHYLLIN	30650	TEARISOL	31630	THYROID
28920	SORBITRATE	30655	TEARS NATURALE	41905	THYROXINE
28940	SOTRADECOL	30660	TEARS PLUS	31655	TIGAN
29078	SPECTROBID	61425	TEC	31658	TIMOLOL
41505	SPECTAZOLE	30670	TEDRAL	31659	TIMOLIDE
29250	SPIRONOLACTONE	61430	TEEV XX	31660	TIMOPTIC
61360	SPRX-105	61435	TEGISON	31670	TINACTIN
29275	SSKI	30725	TEGOPEN	31695	TINVER LOTION
29285	STADOL	30730	TEGRETOL	31723	TOBRADEX
29328	STATICIN	30740	TELDRIN	31725	TOBRAMYCIN
29365	STELAZINE	30755	TEMARIL	31728	TOBEX OPTHALMIC
29435	STERAPRED	30756	TEMAZEPAM	31740	TOFRANIL
29498	STEROID(S)	61440	TEMOVATE	61475	TOLAZAMIDE
29505	STILBESTROL	30760	TEMPRA	31755	TOLBUTAMIDE
29533	STOOL SOFTENER	61445	TEN-K	31760	TOLECTIN
29581	STRESS TABLETS	30775	TENAX	31775	TOLINASE
41555	STRESSTABS W/ZINC	30777	TENEX	61490	TONOCARD
29615	STUARTNATAL 1+1	30781	TENORETIC 100	61495	TOPICORT
29675	SUCRETS	30782	TENORMIN	31825	TOPIC
29705	SUDAFED	61450	TENORETIC 50	31830	TOPICORT EMOLLIENT
29760	SUFEDRIN	30785	TENSILON	31850	TORECAN
29785	SULAMYD SODIUM	30790	TENUATE	61505	TORNALATE
29795	SULF-10	30795	TEPANIL	31927	TRANDATE
29800	SULFA VAGINAL	30800	TERAZOL	31938	TRANSERM-NITRO
29810	SULFACET-R LOTION	30805	TERBUTALINE	31939	TRANSERM-SCOP
29815	SULFACETAMID	30820	TERPIN HYDRATE	31945	TRANXENE
29825	SULFADIAZINE	30825	TERPIN HYDRATE & CODEINE ELIXIR	31970	TRAVASE
29860	SULFAPYRIDINE	30850	TERRAMYCIN	31975	TRAVASOL
29865	SULFASALAZINE	30855	TERRAMYCIN W/POLYMYXIN B SULFATE	31990	TRAVERT
41565	SULFA-GYN			31997	TRAZODONE
61385	SULFACETAMIDE SODIUM	30870	TES-TAPE	32013	TRENTAL
29895	SULFEM	30880	TESSALON PERLE	32017	TREXAN
29900	SULFISOXAZOLE	30915	TESTOSTERONE	32065	TRI-HYDROSERPINE
29925	SULFONAMIDES DUPLEX	30930	TESTOSTERONE ENANTHATE	61515	TRI-LEVLEN
				41670	TRI-NORINYL



## 1990 DRUG ENTRY NAMES AND CODES

32140	TRI-VI-FLOR	33180	UNNA'S GELATIN PASTE	34520	VITAMIN C
32145	TRI-VI-SOL	33225	URECHOLINE	34525	VITAMIN C & E
32155	TRIAFIN	33270	URIMED	34565	VITAMIN D
32175	TRIAFED	33280	URISED	34575	VITAMIN E
32190	TRIAM	33290	URISEP	34623	VITAMIN K
32195	TRIAMCINOLONE	33300	URISPAS	34625	VITAMIN(S)
32200	TRIAMCINOLONE ACETONIDE	33355	UROBIOTIC-250	34628	VITAMINS AND MINERALS
32205	TRIAMCINOLONE DIACETATE	33425	V-CILLIN	34685	VIVACTIL
32210	TRIAMCINOLONE NYSTATIN	33430	V-CILLIN K	34693	VIVIKON
32215	TRIAMINIC DM	33448	VACCINATION	34725	VOLTAREN
32220	TRIAMINIC EXPECTORANT	33538	VALESIN	34740	VOSOL
32235	TRIAMINIC INFANT DROPS	33550	VALISONE	34745	VOSOL HC
32245	TRIAMINIC	33555	VALIUM	34750	VULVAELINE
32255	TRIAMINICIN	33573	VALPROIC ACID	34755	VYTONE
32265	TRIAMINICOL SYRUP	33574	VALRELEASE	34780	WART OFF
32270	TRIAMOLONE 40	33575	VANCERIL	34790	WATER DISTILLED
32273	TRIAMTERENE	35600	VANCENASE	61605	WELLBUTRIN
32290	TRIAVIL	33588	VANCOMYCIN	34855	WESTCORT
32310	TRICHLOROACETIC ACID	33600	VANOXIDE	34920	WITCH HAZEL
32345	TRIDESILON	33615	VANSEB LOTION	34970	WYCILLIN
32395	TRILAFON	33670	VASELINE	34985	WYGESIC
32405	TRILISATE	33677	VASERETIC	34990	WYMOX
32423	TRIMETHOPRIM	33685	VASOCIDIN	35603	WYTENSIN
	W/SULFASOXAZOLE	33700	VASOCON	35023	XANAX
35595	TRIMETHOPRIM/SULFA-	33705	VASOCON-A	35025	XERAC AC
	METHOXAZOLE	33710	VASODILAN	35050	XEROFOAM DRESSING
32438	TRIMETHOPRIM	33713	VASODILATOR	35060	XYLOCAINE
32430	TRIMOX	33735	VASOPRESSIN	35080	XYLOCAINE HCL
32433	TRIMPEX	33750	VASOSULF		W/EPINEPHRINE
41690	TRINALONE	61565	VASOTEC	35085	XYLOCAINE VISCOUS
32443	TRINALIN REPETABS	33780	VEETIDS	35120	YOHIMBINE
32460	TRINSICON	33800	VELBAN	35130	Z-BEC
32478	TRIOVAL	33805	VELOSEF	41780	ZANTAC
32530	TRIPLE SULFA	33830	VENTACOL	35150	ZARONTIN
32535	TRIPLE SULFOID	33843	VENTOLIN	35155	ZAROXOLYN
61535	TRIPLE SULFA VAGINAL	33858	VERAPAMIL	35165	ZEASORB MEDICATED
32555	TRIPROLIDINE W/PSEUDO- EPHEDRINE	33895	VERMOX	35224	ZESTRIL
		61570	VERSED	35225	ZESTRIL
32625	TROCAL	33965	VI-DAYLIN	41785	ZINACEF
32655	TROPHITE	33975	VI-DAYLIN F	35240	ZINC
32658	TROPICAMIDE	33980	VI-DAYLIN F ADC DROPS	35250	ZINC OXIDE
32660	TRYPTOPHAN	34085	VIBRA	35260	ZINC SULFATE
32665	TRYSUL VAGINAL	34090	VIBRAMYCIN	35310	ZINCON
32680	TUBERCULIN TINE TEST	34103	VICKS VAPORUB	35338	ZOMAX
32685	TUBERCULIN PPD (HEAF)	34110	VICODIN	41880	ZORPRIN
32710	TUCKS	34120	VICON FORTE	35341	ZOVIRAX
32735	TUMS	34125	VICON-C	61610	ZYDONE
32765	TUSAL	34160	VINCRISTINE	35350	ZYLOPRIM
32766	TUSS ADE	34210	VIOFORM		
32770	TUSS-ORNADE	34215	VIOFORM-HYDROCORTISONE		
32775	TUSSADON T.D.	34235	VIRA-A		
32800	TUSSAR DM	34240	VIRILON		
32805	TUSSAR	34248	VIROPTIC		
32810	TUSSAR-2 SYRUP	34260	VISINE		
32825	TUSSEND	34263	VISKEN		
32830	TUSSEND EXPECTORANT	34265	VISTACON		
32840	TUSSI-ORGANIDIN DM	34270	VISTARIL		
32845	TUSSI-ORGANIDIN	34293	VITA-FLOR		
32855	TUSSIONEX	34360	VITAMIN A		
32905	TYLENOL	34425	VITAMIN B COMPLEX		
32915	TYLENOL NO. 2	34445	VITAMIN B COMPLEX		
32920	TYLENOL NO. 3		W/B-12		
32925	TYLENOL NO. 4	34450	VITAMIN B COMPLEX		
32930	TYLENOL W/CODEINE		W/VITAMIN C		
32935	TYLENOL W/CODEINE ELIXIR	34455	VITAMIN B-1		
32945	TYLOX	34485	VITAMIN B-1 W/B-6		
32955	TYMPAGESIC	34495	VITAMIN B-12		
33068	ULTRACEF	34500	VITAMIN B-12 CRYSTALLINE		
33073	ULTRALENTE INSULIN	34505	VITAMIN B-2		
41745	UNIPHYL	34510	VITAMIN B-6		

## 1990 GENERIC ENTRY NAMES AND CODES

50000	UNDETERMINED	50245	AMMONIUM CHLORIDE	50560	BENZTHIAZIDE
50001	DIFENOXIN	50246	AMMONIUM ION	50565	BENZTROPINE
50002	LEVONORGESTREL	50248	AMMONIUM ISOSTEARATE	50570	BENZYL ALCOHOL
50004	ACACIA	50249	AMMONIUM PHOSPHATE	50575	BENZYL BENZOATE
50005	ACETAMINOPHEN	50250	AMOBARBITAL	50576	BENZYL CINNAMATE
50008	ACEBUTOLOL HYDROCHLORIDE	50258	AMOXAPINE	50578	BERBERINE
50018	ACETATE ION	50260	AMOXICILLIN	50580	BETA-CAROTENE
50020	ACETAZOLAMIDE	50265	AMPHETAMINE	50583	BETAINE
50025	ACETIC ACID	50270	AMPHOTERICIN	50585	BETAMETHASONE
50030	ACETOHEXAMIDE	50275	AMPICILLIN	50588	BETAXOLOL HCL
50032	ACETOHYDROXAMIC ACID	50280	AMYL NITRITE	50590	BETAZOLE
50035	ACETONE	50281	AMYL PHENOL	50595	BETHANECHOL
50040	ACETOPHENAZINE	50283	AMYLASE	50605	BILAZO REAGENT
50055	ACETYLCHOLINE	50284	ANETHOLE	50610	BILE ACIDS
50060	ACETYLCYSTEINE	50285	ANILERIDINE	50613	BILE SALTS
50065	ACONITE	50290	ANISE OIL	50615	BIOFLAVONOIDS
50075	ACRISORCIN	50295	ANISINDIONE	50620	BIOTIN
50078	ACYCLOVIR	50300	ANISOTROPINE	50625	BIPERIDEN
50080	ADENOSINE	50305	ANTAZOLINE	50630	BISACODYL
50083	AGAR	50310	ANTHRALIN	50631	BISMUTH ALUMINATE
50085	ALBUMIN HUMAN	50320	ANTIHEMOPHILIC FACTOR	50632	BISMUTH OXIDE
50088	ALBUTEROL		HUMAN	50634	BISMUTH SULFONATE
50090	ALCOHOL	50323	ANTIMONY POTASSIUM	50635	BISMUTH ANTI-DIARRHEA AGE
50096	ALGINIC ACID		TARTRATE	50638	BISMUTH IODIDE
50097	ALKYL ETHANOL	50325	ANTIPYRINE	50640	BISMUTH SALICYLATE
50103	ALLANTOIN	50330	ANTIRABIES SERUM	50650	BISMUTH TRIBROMOPHENATE
50104	ALLOBARBITAL	50335	ANTISEPTIC SOLUTION	50653	BITOLTEROL MESYLATE
50105	ALLOPURINOL	50360	APOMORPHINE	50655	BLEOMYCIN
50107	ALMOND OIL	50367	ARALIA	50660	BORIC ACID
50109	ALQIN	50370	ARGININE	50663	BRAN
50110	ALPHAPRODINE	50375	ARNICA TINCTURE	50665	BRETYLIUM
50113	ALPRAZOLAM	50378	AROMATIC ELIXIR	50668	BRILLIANT BLUE
50116	ALPROSTADIL	50380	ASAFETIDA TINCTURE	50670	BRILLIANT GREEN
50120	ALSEROXYLON	50400	ASPARAGINASE	50675	BROMELAINS
50125	ALUMINUM	50410	ASPIRIN	50679	BROMINE
50130	ALUMINUM ACETATE	50418	ATENOLOL	50680	BROMOCRIPTINE
50135	ALUMINUM AMMONIUM	50420	ATROPINE	50685	BROMODIPHENHYDRAMINE
	SULFATE	50430	ATTAPULGITE	50687	BROMOPHENOL
50138	ALUMINUM CHLOR-	50433	AURANOFIN	50690	BROMPHENIRAMINE
	HYDROXYALLANTOINATE	50435	AUROTHIOGLUCOSE	50695	BROWN MIXTURE
50140	ALUMINUM CHLORIDE	50440	AZATADINE	50698	BUCHU
50145	ALUMINUM HYDROXIDE	50444	AZTREONAM	50705	BUCLIZINE
50148	ALUMINUM OXIDE	50445	AZATHIOPRINE	50706	BUFFERS
50155	ALUMINUM PHOSPHATE	50446	AZLOCILLIN SODIUM	50708	BUMETANIDE
50157	ALUMINUM POTASSIUM	50447	BACAMPICILLIN	50710	BUPIVACAINE
	SULFATE	50450	BACITRACIN	50711	BUPRENORPHINE HCL
50159	ALUMINUM STEARATE	50455	BACLOFEN	50713	BUSPRIONE HCL
50160	ALUMINUM SUBACETATE	50460	BALSAM	50714	BUPROPION
50163	ALUMINUM SULFATE	50465	BANDAGE	50715	BUSULFAN
50165	AMANTADINE	50475	BARBITAL	50720	BUTABARBITAL
50168	AMARANTH	50480	BARIUM SULFATE	50725	BUTACAINE
50170	AMBENONIUM	50485	BCG VACCINE	50728	BUTALBITAL
50175	AMCINONIDE	50490	BECLOMETHASONE	50730	BUTAMEN
50180	AMIKACIN	50492	BEEF EXTRACT	50733	BUTOCONAZOLE NITRATE
50182	AMILORIDE	50495	BELLADONNA	50740	BUTORPHANOL
50183	AMINACRINE	50497	BEMEGRIDE	50742	BUTYLPARABEN
50185	AMINO ACIDS	50499	BENACTYZINE	50745	CAFFEINE
50190	AMINOACETIC ACID	50500	BENDROFLUMETHIAZIDE	50755	CALAMINE
50195	AMINO BENZOIC ACID	50502	BENDOXAPROFEN	50758	CALCIFEDIOL
50200	AMINOCAPROIC ACID	50507	BENTIROMIDE	50760	CALCITONIN
50203	AMINOGLUTETHIMIDE	50508	BENTONITE	50770	CALCIUM REPLACEMENT
50205	AMINOHIPPURATE SODIUM	50511	BENZALDEHYDE		AGENTS
50210	AMINOPHYLLINE	50515	BENZALKONIUM CHLORIDE	50773	CALCIUM GLYCERO-
50216	AMINOPYRINE	50516	BENZENE		PHOSPHATE
50220	AMINOSALICYLIC ACID	50518	BENZESTROL	50775	CALCIUM ACETATE
50223	AMIODARONE HCL	50520	BENZETHONIUM CHLORIDE	50780	CALCIUM BROMIDE
50225	AMISOMETRADINE	50530	BENZOCAINE	50785	CALCIUM CARBONATE
50230	AMITRIPTYLINE	50538	BENZOIC ACID	50800	CALCIUM HYDROXIDE
50235	AMMONIA SPIRIT AROMATIC	50540	BENZOIN	50802	CALCIUM IODIDE
50238	AMMONIA STRONG	50545	BENZONATATE	50803	CALCIUM POLYSULFIDE
50240	AMMONIATED MERCURY	50548	BENZOPHENONE	50804	CALCIUM PROPIONATE
50241	AMMONIUM ACRYLATES	50550	BENZOYL PEROXIDE	50805	CALCIUM SILICATE
50242	AMMONIUM ALUM	50555	BENZPHETAMINE	50806	CALCIUM ION
50243	AMMONIUM BROMIDE	50557	BENZPYRINIUM BROMIDE	50810	CALCIUM SUCCINATE
50244	AMMONIUM CARBONATE	50558	BENZQUINAMIDE	50811	CALCIUM PANTOTHENATE

## 1990 GENERIC ENTRY NAMES AND CODES

50818	CALCIUM THIOGLYCOLLATE	51060	CHLORHEXIDINE	51358	COLIFORM VACCINE
50821	CALCIUM THIOSULFATE	51063	CHLORHYDROXYQUINOLONE	51360	COLISTIN
50823	CALCIUM UNDECYLENATE	51064	CHLORIDE ION	51365	COLLAGEN DERIVATIVE
50824	CALJUPUT OIL	51066	CHLORMEZANONE	51375	COLLODION
50835	CALLICREIN	51068	CHLOROACETIC ACID	51380	MULTIVITAMINS
50845	CAMPHOR	51075	CHLOROBUTANOL		THERAPEUTIC
50848	CANDELILLA WAX	51080	CHLOROFORM	51390	CONTACT LENS SOLUTION
50860	CANTHARIDIN	51085	CHLOROPHYLL	51393	COPPER
50865	CAPREOMYCIN	51090	CHLOROPROCAINE	51395	CORN OIL
50866	CAPRYLIC ACID	51095	CHLOROQUINE	51400	CORTICOTROPIN
50867	CAPSAICIN	51100	CHLOROTHIAZIDE	51405	CORTISONE
50868	CAPSICUM	51105	CHLOROTHYMOL	51410	COSYNTROPIN
50869	CAPTOPRIL	51110	CHLOROTRIANISENE	51415	COTTONSEED OIL
50870	CARAMEL	51115	CHLOROXINE	51425	CRESOL
50873	CARAMIPHEN	51120	CHLOROXYLENOL	51430	CROMOLYN SODIUM
50874	CARAWAY OIL	51125	CHLORPHENESIN	51435	CROTAMITON
50875	CARBACHOL	51130	CHLORPHENIRAMINE	51440	CRYPTENAMINE
50880	CARBAMAZEPINE	51145	CHLORPHENTERMINE	51443	CUBEB
50885	CARBARSONE	51150	CHLORPROMAZINE	51445	CUPRIC SULFATE
50887	CALCIUMOCARBASPIRIN	51155	CHLORPROPAMIDE	51450	OXYTETRACYCLINE
50890	CARBAZOCROME	51160	CHLORPROTHIXENE	51460	CYCLACILLIN
50895	CARBENICILLIN	51165	CHLORTETRACYCLINE	51465	CYCLANDELATE
50898	CARBETAPENTANE	51170	CHLORTHALIDONE	51470	CYCLOBENZAPRINE
50899	CARBIDOPA	51175	CHLORZOAZONE	51475	CYCLOMETHYCAINE
50900	CARBINOXAMINE	51177	CHOLECALCIFEROL	51478	CYCLOPENTAMINE
50905	CARBO-FUCHSIN	51180	CHOLERA VACCINE	51480	CYCLOPENTOLATE
50906	CABOMERS	51185	CHOLESTEROL	51485	CYCLOPHOSPHAMIDE
50908	CARBON DIOXIDE	51190	CHOLESTYRAMINE	51490	CYCLOSERINE
50910	CARBON TETRACHLORIDE	51193	CHOLIC ACID	51493	CYCLOSPORINE
50912	CARBOXYMETHYLCELLULOSE	51195	CHOLINE	51495	CYCLOTHIAZIDE
50914	CARBROMAL	51200	CHOLINE SALICYLATE	51500	CYCLIZINE
50915	CARDAMOM	51203	CHONDRUS	51505	CYCRIMINE
50920	CARISOPRODOL	51205	CHORIONIC GONADOTROPIN	51510	CYPROHEPTADINE
50923	CARMELLOSE	51208	CHROMIC CHLORIDE	51515	CYSTEINE
50925	CARMUSTINE	51209	CHROMIUM	51518	CYSTINE
50933	CASANTHRANOL	51211	CHYMOPAPAIN	51520	CYTARABINE
50935	CASCARA	51215	CHYMOTRYPSIN	51523	D-ALPHA TOCOPHERYL
50938	CASEIN	51218	CICLOPIROX	51530	DACARBAZINE
50940	CASTOR OIL	51220	CIMETIDINE	51535	DACTINOMYCIN
50943	CEDAR LEAF OIL	51223	CINNAMEDRINE	51540	DANAZOL
50945	CEFACLOR	51225	CINNAMON OIL	51545	DANTHRON
50950	CEFADROXIL	51227	CINOXACIN	51550	DANTROLENE
50955	CEFAMANDOLE	51228	CINOXATE	51555	DAPSONE
50960	CEFAZOLIN	51229	CIPROFLOXACIN HCL	51560	DAUNORUBICIN
50961	CEFONICID SODIUM	51230	CISPLATIN	51567	DEA PHOSPHATE
50962	CEFOPERAZONE	51235	CITRIC ACID	51575	DEFEROXAMINE
50963	CEFORANIDE	51240	CITRONELLA OIL	51585	DEHYDROCHOLIC ACID
50964	CEFOTAXIME	51243	CLOBETASOL PROPIONATE	51590	DEMECARIUM
50965	CEFOXITIN	51245	CLEMASTINE	51595	DEMECLOCYCLINE
50966	CEFTAZIDIME	51250	CLIDINIUM	51597	DEOXYCHOLIC ACID
50967	CEFUROXIME SODIUM	51255	CLINDAMYCIN	51598	DEOXYRIBONUCLEASE
50968	CELLULASE	51257	CLOCORTOLONE	51600	DESERPIDINE
50975	CELLULOSE	51260	CLOFIBRATE	51605	DESIPRAMINE
50978	CEPHAELINE	51265	CLOMIPHENE	51610	DESLANOSIDE
50980	CEPHALEXIN	51270	CLONAZEPAM	51615	DESMOPRESSIN
50995	CEPHALOTHIN	51275	CLONIDINE	51620	DESONIDE
51000	CEPHAPIRIN	51280	CLORAZEPATE	51625	DESOXIMETASONE
51005	CEPHRADINE	51285	CLORTERMINE	51627	DESOXYCHOLIC ACID
51008	CERESIN WAX	51290	CLOTRIMAZOLE	51630	DESOXYCORTICOSTERONE
51010	CERIUM OXALATE	51295	CLOVE OIL	51633	DETERGENT
51012	CERULETIDE DIETHYLAMINE	51300	CLOXACILLIN	51635	DEXAMETHASONE
51015	CETALKONIUM CHLORIDE	51305	COAL TAR	51638	DEXBROMPHENIRAMINE
51016	CETEARETH	51308	COBALAMIN	51640	DEXCHLORPHENIRAMINE
51017	CETEARYL OCTANOATE	51310	COCAINE	51645	DEXPANTHENOL
51018	CETRIMONIUM BROMIDE	51312	COCAMIDE	51660	DEXTRANOMER
51020	CETYL ALCOHOL	51313	COCAMIDOPROPYL BETAINE	51665	DEXTROAMPHETAMINE
51021	CETYL ESTERS	51315	COCCIDIODIN	51670	DEXTROMETHORPHAN
51023	CETYLPYRIDINIUM	51318	COCHINEAL	51675	DEXTROSE
51025	CHARCOAL	51320	COCILLANA	51685	DEXTROTHYROXINE
51030	CHERRY SYRUP	51325	COCOA BUTTER	51688	DIASTASE
51040	CHLORAL HYDRATE	51330	COCONUT OIL	51695	DIAZEPAM
51045	CHLORAMBUCIL	51335	COD & HALIBUT LIVER OIL	51700	DIAZOXIDE
51050	CHLORAMPHENICOL	51340	CODEINE	51705	DIBUCAINE
51053	CHLORCYCLIZINE	51345	COLCHICINE	51708	DICHLORALPHENAZONE
51055	CHLORDIAZEPOXIDE	51355	COLESTIPOL	51709	DICHLORODIFLUOROMETHANE

## 1990 GENERIC ENTRY NAMES AND CODES

51710	DICHLOROTETRAFLUORO- THANE	52025	EMETINE	52365	FORMIC ACID
51712	DICHLOROPHENE	52028	ENALAPRIL	52370	FRUCTOSE
51715	DICHLORPHENAMIDE	52035	EPHEDRINE	52373	FUCHSIN
51720	DICLOXACILLIN	52040	EPINEPHRINE	52375	FULLER'S EARTH
51725	DICUMAROL	52045	ERGOCALGIFEROL	52380	FURAZOLIDONE
51730	DICYCLOMINE	52048	ERGOLOID MESYLSTES	52385	FUROSEMIDE
51735	DIENESTROL	52050	ERGONOVINE	52390	GALLAMINE
51740	DIETARY SUPPLEMENT	52053	ERGOT	52395	GELATIN
51750	DIETHYLPROPION	52055	ERGOTAMINE	52397	GELSEMIUM
51755	DIETHYLSTILBESTROL	52060	ERYTHRITYL TETRANITRATE	52398	GEMFIBROZIL
51760	DIFLORASONE DIACETATE	52065	ERYTHROMYCIN	52400	GENTAMICIN
51763	DIFUNISAL	52070	ESTRADIOL	52405	GENTIAN VIOLET
51765	DIGALLOYL TRIOLEATE	52072	ESTRAMUSTINE	52408	GINGER
51770	DIGITALIS	52075	ESTROGENS	52410	GINSENG
51775	DIGITOXIN	52080	ESTRONE	52417	GLIPIZIDE
51780	DIGOXIN	52082	ESTROPIMATE	52420	GLUCAGON
51785	DIHYDROERGOTAMINE	52083	ETAFEDRINE	52422	GLUCONIC ACID
51790	DIHYDROTACHYSTEROL	52085	ETHACRYNIC ACID	52425	GLUCOSE
51792	DIHYDROXYACETONE	52090	ETHAMBUTOL	52430	GLUCOSE ENZYMATIC TEST
51795	DIHYDROXYALUMINUM AMINDACETATE	52095	ETHAVERINE	52435	GLUTAMIC ACID
51800	DIHYDROXYALUMINUM SODIUM CARBONATE	52100	ETHCHLORVYNOL	52440	GLUTARALDEHYDE
51801	DIISOPROPYL SEBECATE	52105	ETHER	52445	GLUTETHIMIDE
51803	DILTIAZEM	52110	ETHINAMATE	52447	GLYBURIDE
51805	DIISOBUTYLPHENOXYPOLY- ETHOXYETHAN	52115	ETHIONAMIDE	52450	GLYCERIN
51810	DIMENHYDRINATE	52120	ETHOHEPTAZINE	52452	GLYCERYL
51815	DIMERCAPROL	52125	ETHOPROPazine	52453	GLYCOCHOLATE
51817	DIMETHICONE	52130	ETHOSUXIMIDE	52454	GLYCINE
51830	DIMETHYL SULFOXIDE	52135	ETHOTOIN	52455	GLYCOPYRROLATE
51835	DIMETHYLAMINO BENZAL- DEHYDE	52150	ETHYL ACETATE	52465	GLYCYRRHIZA
51840	DINOPROSTONE	52155	ETHYL CHLORIDE	52470	GOLD SODIUM THIOMALATE
51843	DIOXYBENZONE	52156	ETHYL PABA	52472	GONADORELIN
51848	DIPERODON	52160	ETHYLESTRENOL	52475	GOLD SODIUM THIOSULFATE
51860	DIPHENHYDRAMINE	52165	ETHYLMORPHINE	52478	GRAMICIDIN
51865	DIPHENIDOL	52168	ETHNODIOL DIACETATE	52480	GRISEOFULVIN
51868	DIPHENOXYLATE	52169	ETRETINATE	52485	GUAIACOL
51885	DIPHENYLPYRALINE	52170	ETHYLNOREPINEPHRINE	52490	GUAIFENESIN
51890	DIPHTHERIA TETANUS TOXOIDS	52175	ETIDOCAINE	52492	GUANABENZ
51900	DIPHTHERIA ANTITOXIN	52185	ETIDRONATE DISODIUM	52493	GUANARDEL
51903	DIPH PERTUSSIS TETANUS VACCINE	52188	ETOMIDATE	52495	GUANETHIDINE
51910	DIPHTHERIA TOXOID	52189	ETOPOSIDE	52498	GUANFACINE HCL
51913	DIPIVEFRIN	52190	EUCALYPTOL	52500	GUANIDINE
51914	DIPROPYLENE GLYCOL SALICYLATE	52194	EUPHORBIA	52501	HAEMOPHILUS B VACCINE
51915	DIPYRIDAMOLE	52195	EUGENOL	52502	GUAR GUM
51920	DISOPYRAMIDE	52198	FAMOTIDINE	52503	HALAZEPAM
51925	DISULFIRAM	52203	FACTOR IX COMPLEX HUMAN	52505	HALAZONE
51927	DIVALPROEX SODIUM	52213	FAT EMULSION	52510	HALCINONIDE
51930	DOBUTAMINE	52215	FENFLURAMINE	52520	HALOPERIDOL
51935	DOCUSATE	52218	FENNEL OIL	52525	HALOPROGIN
51945	DOPAMINE	52220	FENOPROFEN	52530	HALOTHANE
51950	DOXAPRAM	52225	FENTANYL	52532	HALQUINOLS
51955	DOXEPIN	52270	FIBRINOLYSIN	52533	HEMICELLULASE
51960	DOXORUBICIN	52275	FLAVOXATE	52535	HAMAMELIS WATER
51965	DOXYCYCLINE	52278	FLECAINIDE ACETATE	52537	HEMIN
51970	DOXYLAMINE	52280	FLOXURIDINE	52540	HEPARIN
51978	DRONABINOL	52290	FLUCYTOSINE	52545	HEPATITIS B IMMUNE GLOBULIN
51980	DROMOSTANOLONE	52295	FLUDROCORTISONE	52550	HESPERIDIN
51985	DROPERIDOL	52300	FLUMETHASONE	52555	HETASTARCH
52000	DYPHYLLINE	52303	FLUMETHIAZIDE	52560	HEXACHLOROPHENE
52005	ECHOTHIOPHATE	52304	FLUNISOLIDE	52565	HEXAFLUORENIUM
52008	ECONAZOLE	52305	FLUOCINOLONE	52575	HEXESTROL
52010	EDEATE CALCIUM DISODIUM	52310	FLUOCINONIDE	52580	HEXOBARBITAL
52012	EDEATE TETRASODIUM	52315	FLUORESCIN	52585	HEXOCYLIUM
52015	EDEATE DISODIUM	52318	FLUORIDE	52590	HEXYLCAINE
52020	EDROPHONIUM	52320	FLUROMETHOLONE	52595	HEXYLRESORCINOL
52023	ELECTROLYTES	52325	FLUOROURACIL	52600	HISTAMINE
52024	ENCAINIDE HCL	52330	FLUOXYMESTERONE	52610	HISTOPLASMIN
		52335	FLUPHENAZINE	52613	HOG BILE EXTRACT
		52340	FLUPREDNISOLONE	52615	HOMATROPINE
		52345	FLURANDRENOLIDE	52617	HOMOSALATE
		52350	FLURAZEPAM	52620	HOUSE DUST ALLERGENIC EXTRACT
		52353	FLURBIPROFEN SODIUM	52625	HYALURONIDASE
		52355	FOLIC ACID	52630	HYDRALAZINE
		52358	FOOD SUPPLEMENT	52633	HYDRANGEA
		52360	FORMALDEHYDE		
		52363	FRANGULA		

## 1990 GENERIC ENTRY NAMES AND CODES

52634	HYDRASTIS	52924	ISOPROPYL ISOTEARATE	53235	MALT SOUP EXTRACT
52635	HYDRIODIC ACID	52925	ISOPROPYL ALCOHOL	53240	MANGANESE GLUCONATE
52640	HYDROCHLORIC ACID	52927	ISOPROPYL PALMITATE	53241	MANGANESE (PROTEIN COMPLEX)
52645	HYDROCHLOROTHIAZIDE	52928	ISOPROPYL MYRISTATE	53242	MANGANESE SULFATE
52647	DIHYDROCODEINE	52930	ISOPROTERENOL	53245	MANNITOL
52650	HYDROCODONE	52933	ISOQUINOLINIUM BROMIDE	53248	MAPROTILINE
52655	HYDROCORTISONE	52935	ISOSORBIDE	53250	MAZINDOL
52660	HYDROFLUMETHIAZIDE	52936	ISOSTEARIC ACID	53255	MEASLES VIRUS VACCINE
52665	HYDROGEN PEROXIDE	52943	ISOTRENTINOIN	53260	MEBENDAZOLE
52670	HYDROMORPHONE	52945	ISOXSUPRINE	53265	MECAMYLAMINE
52675	HYDROQUINONE	52948	JUNIPER	53270	MECHLORETHAMINE
52680	HYDROXOCOBALAMIN	52950	KANAMYCIN	53275	MECLIZINE
52685	HYDROXYAMPHETAMINE	52955	KAOLIN	53277	MECLOFENAMATE
52690	HYDROXYCHLOROQUINE	52965	KARAYA GUM	53278	MECLOFENAMIC ACID
52691	HYDROXYETHYLCELLULOSE	52968	KELP	53280	MEDROXYPROGESTERONE
52692	HYDROXYMERCURIC CRESOL	52970	KETAMINE	53285	MEDRYSONE
52693	HYDROXYPHENYLMERCURIC CHLORIDE	52972	KETOCONAZOLE	53290	MEFENAMIC ACID
52695	HYDROXYPROGESTERONE	52973	L-TRYPTOPHANE	53295	MEGESTROL
52700	HYDROXYPROPYL METHYL- CELLULOSE	52975	LACTASE	53298	MEGLUMINE
52710	HYDROXYUREA	52978	KETOPROFEN	53300	MELPHALAN
52715	HYDROXYZINE	52979	LABETALOL HCL	53315	MENINGOCOCCAL VACCINE
52718	HYMENOPTERA ALLERGENIC EXTRACT	52980	LACTIC ACID	53320	MENTROPINS
52720	HYOSCYAMINE	52985	LACTOBACILLUS	53325	MENTHOL
52723	HYOSCYAMINE HYDRO- BROMIDE	52986	LACTOBACILLUS BULGARICUS	53328	MENTHYL ANTHRANILATE
52730	IBUPROFEN	52990	LACTOSE	53330	MEPENZOLATE
52735	ICHTHAMMOL	52992	LACTUCA	53335	MEPERIDINE
52740	IDOXURIDINE	52995	LACTULOSE	53340	MEPHENESIN
52745	IMIPRAMINE	53002	LANOLIN ACID	53345	MEPHENTERMINE
52750	IMMUNE GLOBULIN	53003	LANOLIN	53350	MEPHENYTOIN
52752	INHALER	53004	LAURETH	53355	MEPHOBARBITAL
52753	INDAPAMIDE	53005	LAURYL SULFOACETATE	53360	MEPIVACAINE
52755	INDIGOINDISULFONATE	53006	LAURAMIDE DEA	53365	MEPREDNISONE
52765	INDOCYANINE GREEN	53010	LAVENDER OIL	53370	MEPROBAMATE
52770	INDOMETHACIN	53015	LEAD ACETATE	53373	MERALEIN SODIUM
52775	INFANT FORMULA	53020	LECITHIN	53375	MERBROMIN
52780	INFLUENZA VIRUS VACCINE	53025	LEMON OIL	53385	MERCAPTOPURINE
52785	INOSITOL	53030	LEUCINE	53405	MERCURIC IODIDE
52790	INSULIN	53035	LEUCOVORIN	53407	MERCURIC OLEATE
52791	INTERFERON ALFA-2A	53040	LEVALLORPHAN	53410	MERCURIC OXIDE
52793	INTRINSIC FACTOR CONCENTRATE	53043	LEVOBUNOLOL HCL	53425	MERCUROUS CHLORIDE
52795	INULIN	53045	LEVODESOXYEPHEDRINE	53427	MERETHOXYLLINE PROCAINE
52800	INVERT SUGAR	53050	LEVODOPA	53431	MERSALYL
52810	IOCETAMIC ACID	53055	LEVORPHANOL	53435	MESORIDAZINE
52815	IODAMIDE MEGLUMINE	53065	LEVOTHYROXINE	53438	MESTRANOL
52820	IODINE TOPICAL PREPARATIONS	53070	LIDOCAINE	53445	METOPROLOL
52825	IODINATED GLYCEROL	53090	LINCOMYCIN	53450	METAPROTERENOL
52830	IODINE SOLUTIONS	53095	LINDANE	53455	METARAMINOL
52835	IODIPAMIDE MEGLUMINE	53100	LINOLENIC ACID	53460	METAXALONE
52845	ODOCHLORHYDROXYQUIN	53105	LINSEED OIL	53465	METHACHOLINE
52847	ODOFORM	53110	LIOTHYRONINE	53470	METHACYCLINE
52850	ODOQUINOL	53115	LIOTRIX	53475	METHADONE
52855	IOPANOIC ACID	53118	LIPASE	53485	METHAMPHETAMINE
52857	ISOBUTANE	53120	LITHIUM	53490	METHANDRIOL
52858	ISOBUTYL PABA	53125	LIVER DERIVATIVE	53495	METHANDROSTENOLONE
52860	IOPHENDYLATE	53127	LOBELIA	53500	METHANTHELIN
52865	IOTHALAMATE	53135	LOMUSTINE	53515	METHARBITAL
52870	IPECAC	53140	LOPERAMIDE	53520	METHAZOLAMIDE
52880	IPODATE CALCIUM	53145	LORAZEPAM	53525	METHDILAZINE
52883	IPRATROPIUM BROMIDE	53148	LOVASTATIN	53530	METHENAMINE
52885	IRON PREPARATIONS	53150	LOXAPINE	53535	METHICILLIN
52890	IRON BILE SALTS	53155	LYPRESSIN	53540	METHIMAZOLE
52895	ISOCARBOXAZID	53160	LYSINE	53550	METHIONINE
52900	ISOETHARINE	53165	MAFENIDE	53560	METHOCARBAMOL
52904	ISOFLURANE	53170	MAGALDRATE	53565	METHOHEXITAL
52905	ISOFLUROPHATE	53173	MAGNESIUM ACETATE	53570	METHOTREXATE
52908	ISOMETHEPTENE MUCATE	53175	MAGNESIUM ANTACIDS	53575	METHOTRIMEPRAZINE
52910	ISOLEUCINE	53180	MAGNESIUM GLUCONATE	53580	METHOXAMINE
52915	ISONIAZID	53183	MAGNESIUM NICOTINATE	53585	METHOXSALEN
52920	ISOPROPAMIDE	53190	MAGNESIUM CHLORIDE	53590	METHOXYFLURANE
		53195	MAGNESIUM CATHARTICS	53595	METHOXYPHENAMINE
		53220	MAGNESIUM SALICYLATE	53600	METHSCOPOLAMINE
		53222	MAGNESIUM STEARATE	53605	METHSUXIMIDE
		53224	MALATHION	53610	METHYCLOTHIAZIDE
				53615	METHYL ALCOHOL

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53620	METHYL SALICYLATE	53953	NONIFENSINE MALEATE	54260	PENICILLIN G PROCAINE
53625	METHYLBENZETHONIUM CHLORIDE	53955	NONOXYNOL	54268	PENICILLIN V POTASSIUM
53630	METHYLCELLULOSE	53960	NOREPINEPHRINE	54270	PENICILLOYL
53635	METHYLDOPA	53965	NORETHINDRONE	54275	PENTAERYTHRITOL
53640	METHYLENE BLUE	53968	NORETHYNODREL	54280	PENTAGASTRIN
53642	METHYLENE CHLORIDE	53969	NORFLOXACIN	54290	PENTAZOCINE
53645	METHYLERGONOVINE	53970	NORGESTREL	54295	PENTOBARBITAL
53647	METHYL NICOTINATE	53975	NORTRIPTYLINE	54297	PENTOXIFYLLINE
53650	METHYLPARABEN	53980	NOSCAPINE	54300	PENTYLENETETRAZOL
53655	METHYLPHENIDATE	53985	NOVOBIOCIN	54305	PEPPERMINT
53660	METHYLPREDNISOLONE	53988	NUTMEG OIL	54310	PEPSIN
53670	METHYLTESTOSTERONE	53989	NUX VOMICA	54315	PERMETHRIN
53675	METHYPRYLON	53990	NYLIDRIN	54320	PERPHENAZINE
53680	METHYSERGIDE	53991	NUTGALL	54325	PERTUSSIS IMMUNE GLOBULIN
53685	METOCURINE	53995	NYSTATIN	54328	PERTUSSIS VACCINE
53688	METOCLOPRAMIDE	54000	OATMEAL	54330	PETROLATUM
53690	METOLAZONE	54003	OCTOXYNOL	54332	PETROLEUM DISTILLATE
53695	METRIZAMIDE	54005	OCTYL DIMETHYL PABA	54345	PHENACEMIDE
53700	METRONIDAZOLE	54007	OCTYL SALICYLATE	54350	PHENACETIN
53705	METYRAPONE	54015	OINTMENT HYDROPHILIC	54355	PHENAPHTHAZINE
53710	METYROSINE	54018	OINTMENT WHITE	54360	PHENAZOPYRIDINE
53712	MEXILETINE HCL	54020	OLEANDOMYCIN	54365	PHENDIMETRAZINE
53713	MEZLOCILLIN	54025	OLEIC ACID	54370	PHENELZINE
53715	MICONAZOLE	54028	OLETH-3 PHOSPHATE	54375	PHENINDAMINE
53716	MIDAZOLAM HCL	54030	OLIVE OIL	54378	PHENIRAMINE
53718	MILK SOLIDS NONFAT	54035	OPIUM	54385	PHENMETRAZINE
53720	MINERAL OIL	54045	ORANGE OIL	54390	PHENOBARBITAL
53723	MINERALS	54050	ORPHENADRINE	54395	PHENOL
53725	MINOCYCLINE	54055	ORTHOTOLIDINE REAGENT	54400	PHENOLPHTHALEIN
53730	MINOXIDIL	54065	OX BILE EXTRACT	54405	PHENOLSULFONPHTHALEIN
53735	MITHRAMYCIN	54070	OXACILLIN	54410	PHENOXYBENZAMINE
53740	MITOMYCIN	54075	OXALIC ACID	54415	PHENPROCOUMON
53745	MITOTANE	54080	OXANDROLONE	54420	PHENSUXIMIDE
53750	MOLINDONE	54085	OXAZEPAM	54425	PHENTERMINE
53753	MOLYBDENUM	54087	OXETHAZAINE	54430	PHENTOLAMINE
53754	MOMETASONE FUROATE	54093	OXYBENZONE	54435	PHENYL DIMETHICONE
53755	MONOBENZONE	54094	OXYCODONE	54436	PHENYL SALICYLATE
53760	MORPHINE	54095	OXYPHENCYCLIMINE	54440	PHENYL BUTAZONE
53770	MORRHUATE SODIUM	54100	OXTRIPHYLLINE	54450	PHENYLEPHRINE
53775	MOUTHWASH	54105	OXYBUTYNYN	54455	PHENYLMERCURIC NITRATE
53778	MOXALACTAM	54110	OXYCHLOROSENE	54460	PHENYL PHENOL
53780	MULTIVITAMINS GENERAL	54113	OXYCHOLESTRIN	54462	PHENYLPROPANOLAMINE
53815	MUMPS SKIN-TEST ANTIGEN	54115	OXYGEN	54465	PHENYLTOLOXAMINE
53820	MUMPS VIRUS VACCINE	54120	OXYMETAZOLINE	54468	PHENYTOIN
53825	MUSTARD OIL	54130	OXYMETHOLONE	54470	PHOSPHORIC ACID
53835	MYRRH	54140	OXYPHENBUTAZONE	54480	PHYSOSTIGMINE
53840	NADOLOL	54145	OXYPHENOMIUM	54490	PHYTONADIONE
53845	NAFCILLIN	54148	OXYQUINOLONE	54495	PILOCARPINE
53855	NALBUPHINE	54155	OXYTOCIN	54500	PINDOLOL
53860	NALIDIXIC ACID	54157	PADIMATE O	54501	PINE OIL
53865	NALOXONE	54158	PAMABRON	54502	PINE TAR
53868	NALTREXONE HYDRO- CHLORIDE	54160	PANCREATIN	54503	PIMOZIDE
53870	NANDROLONE	54165	PANCRELIPASE	54504	PIPERACETAZINE
53875	NAPHAZOLINE	54170	PANCURONIUM	54505	PIPERACILLIN
53880	NAPROXEN	54173	PANTHENOL	54508	PIPERAZINE
53885	NATAMYCIN	54175	PANTOTHENIC ACID	54510	PIPERONYL
53890	NEGATOL	54180	PAPAIN	54523	PIPOBROMAN
53891	NEISSERIA	54190	PAPAVERINE	54525	PIROXICAM
53895	NEOMYCIN	54191	PARACHLOROMETAXYLENOL	54528	PITUITARY POSTERIOR
53900	NEOSTIGMINE	54193	PARAFFIN	54530	PLACEBO
53903	NETILMICIN	54195	PARALDEHYDE	54535	PLAGUE VACCINE
53905	NIACIN	54195	PARAMETHADIONE	54540	PLANTAGO SEED
53915	NIACINAMIDE	54200	PARAMETHASONE	54545	PLASMA PROTEIN FRACTION
53918	NICLOSAMIDE	54205	PARAMETHASONE	54550	PNEUMOCOCCAL VACCINE
53919	NICOTINE POLACRILEX	54215	PAREGORIC	54555	PODOPHYLLUM
53920	NICOTINYL ALCOHOL	54220	PARGYLINE	54560	POISON IVY EXTRACT
53922	NIFEDIPINE	54225	PAROMOMYCIN	54565	POLIO VACCINE
53925	NIKETHAMIDE	54227	PASSIFLORA EXTRACT	54575	POLLEN ANTIGEN
53930	NITROFURANTOIN	54228	PEG-3 DISTEARATE	54585	POLYCARBOPHIL CALCIUM
53935	NITROFURAZONE	54230	PATCHOULI OIL	54587	POLYETHYLENE GLYCOL
53940	NITROGEN	54237	PEG-4 DILAURATE	54590	POLYGALACTURONIC ACID
53945	NITROGLYCERIN	54238	PECTIN	54592	POLYGLYCERYL 10 DECAOLEATE
53950	NITROUS OXIDE	54239	PELLITORY ROOT	54594	POLYGLYCERYL 10 DECAOLEATE
		54240	PEMOLINE	54595	POLYGLYCERYL 10 DECAOLEATE
		54245	PENICILLAMINE		
		54250	PENICILLIN		

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54596	POLYOXYETHYLENE LAURYL ETHER	54923	PROTEINASE	55273	SODIUM ALGINATE
54597	POLYOXYETHYLENENONYL PHENOL	54935	PROTIRELIN	55274	SODIUM AMINO BENZOATE
54598	POLYSORBATE	54950	PROTRIPTYLINE	55275	SODIUM BENZOATE
54599	POLYOXYL 40 STEARATE	54960	PSEUDOEPHEDRINE	55280	SODIUM BICARBONATE
54605	POLYTHIAZIDE	54965	PSYLLIUM	55285	SODIUM BISULFATE
54610	POLYVINYL ALCOHOL	54967	PVP/VA COPOLYMER	55290	SODIUM BISULFITE
54613	POPLAR BUD	54975	PYRANTEL	55295	SODIUM BORATE
54615	POTASH SULFURATED	54980	PYRAZINAMIDE	55300	SODIUM BROMIDE
54620	POTASSIUM ALKALINIZING AGENTS	54983	PYRETHRINS	55305	SODIUM CACODYLATE
54625	POTASSIUM AMINO BENZOATE	54984	PYRETHROID	55308	SODIUM CAPRYLATE
54640	POTASSIUM BITARTRATE	54985	PYRIDOSTIGMINE	55310	SODIUM CARBONATE
54645	POTASSIUM BROMIDE	54990	PYRIDOXINE	55315	SODIUM CHLORIDE
54650	POTASSIUM CARBONATE	54995	PYRILAMINE	55320	SODIUM CITRATE
54655	POTASSIUM REPLACEMENT SOLUTIONS	55000	PYRIMETHAMINE	55325	SODIUM DICHROMATE
54700	POTASSIUM GUAIACOL SULFONATE	55005	PYRITHIONE	55330	SODIUM FLUORIDE
54703	POTASSIUM GLUTAMATE	55015	PYROGALLOL	55331	SODIUM GLUCONATE
54705	POTASSIUM HYDROXIDE	55020	PYROXYLIN	55335	SODIUM GLUTAMATE
54710	POTASSIUM IODIDE	55023	PYRROBUTAMINE	55338	SODIUM GLYCEROPHOSPHATE
54713	POTASSIUM ION	55027	QUATERNIUM	55339	SODIUM HYALURONATE
54714	POTASSIUM LACTATE	55030	QUINACRINE	55340	SODIUM HYDROXIDE
54715	POTASSIUM NITRATE	55035	QUINESTROL	55345	SODIUM HYPOCHLORITE
54718	POTASSIUM OLEATE	55040	QUINETHAZONE	55347	SODIUM HYPOPHOSPHITE
54720	POTASSIUM OXYQUINOLINE SULFATE	55045	QUINIDINE	55348	SODIUM ION
54725	POTASSIUM PERCHLORATE	55050	QUININE	55355	SODIUM LACTATE
54730	POTASSIUM PERMANGANATE	55053	QUININE & UREA HCL	55357	SODIUM LAURETH SULFATE
54733	POTASSIUM PHOSPHATE	55055	RABIES IMMUNE GLOBULIN	55360	SODIUM LAURYL SULFATE
54735	POTASSIUM ACIDIFYING AGENTS	55060	RABIES VACCINE	55365	SODIUM NITRITE
54737	POTASSIUM SALICYLATE	55061	RACEMETHIONINE	55370	SODIUM NITROPRUSSIDE
54738	POTASSIUM STEARATE	55063	RACEPHEDRINE	55378	SODIUM PANTOTHENATE
54740	POTASSIUM SODIUM TARTRATE	55064	RANTIDINE	55380	SODIUM PERBORATE
54743	POTASSIUM SULFATE	55065	RASPBERRY SYRUP	55383	SODIUM PHENOXIDE
54745	POTASSIUM THIOCYANATE	55070	RAUWOLFIA	55385	SODIUM PHOSPHATE
54748	POVIDONE	55075	RESCINNAMINE	55390	SODIUM POLYSTYRENE SULFONATE
54749	POVIDONE-IODINE	55080	RESERPINE	55393	SODIUM PROPIONATE
54750	PRALIDOXIME	55085	RESORCINOL	55394	SODIUM PYROGLUTAMATE
54755	PRAMOXINE	55095	RHUBARB & SODA	55395	SODIUM PYROPHOSPHATE
54760	PRAZEPAM	55105	RIBOFLAVIN	55400	SODIUM SUCCINATE
54765	PRAZOSIN	55108	RICINOLEIC ACID	55405	SODIUM SULFATE
54770	PREDNISOLONE	55110	RIFAMPIN	55407	SODIUM TARTRATE
54775	PREDNISONE	55115	RINGERS LACTATED	55410	SODIUM SULFITE
54785	PRILOCAINE	55117	RITODRINE	55413	SODIUM SULFONATE
54790	PRIMAQUINE	55120	ROSA GALLICA EXTRACT	55420	SODIUM THIOSALICYLATE
54795	PRIMIDONE	55126	ROSEMARY OIL	55425	SODIUM THIOSULFATE
54800	PROBENECID	55130	RUBELLA VIRUS VACCINE	55430	SOMATROPIN
54805	PROBUCOL	55135	RUTIN	55433	SORBIC ACID
54810	PROCAINAMIDE	55140	SAGCHARIN	55434	PEG-40 SORBITAN
54815	PROCAINE	55145	SAFFLOWER OIL	55435	SORBITOL
54825	PROCARBAZINE	55148	SALICYL ALCOHOL	55440	SOYBEAN OIL
54830	PROCHLORPERAZINE	55150	SALICYLAMIDE	55445	SPEARMINT OIL
54835	PROCYCLIDINE	55160	SALICYLIC ACID	55450	SPECTINOMYCIN
54840	PROFLAVINE	55165	SALSALATE	55455	SPIDER-BITE ANTIVENIN
54845	PROGESTERONE	55168	SARALASIN	55460	SPIRONOLACTONE
54850	PROMAZINE	55169	SASSAFRAS	55461	SQUALENE
54860	PROMETHAZINE	55170	SCARLET RED	55463	SQUILL
54865	PROPRANOLOL	55171	SANGUINARIA	55465	STANNOUS FLUORIDE
54870	PROPANTHELIN	55180	SCOPOLAMINE	55470	STANZOLOL
54875	PROPARACAINE	55185	SECOBARBITAL	55480	STARCH
54885	PROPIOMAZINE	55190	SECRETIN	55485	STEARIC ACID
54888	PROPIONIC ACID	55195	SELENIUM SULFIDE	55490	STEARYL ALCOHOL
54890	PROPOXYPHENE	55198	SENEGA FLUID EXTRACT	55491	STEARYL CHLORIDE
54895	PROPYLENE GLYCOL	55200	SENNA	55493	STOMACH POWDERED
54900	PROPYLHEXEDRINE	55210	SESAME OIL	55494	STORAX
54905	PROPYLPARABEN	55213	SHARK LIVER OIL	55495	STREPTOKINASE
54910	PROPYLTHIOURACIL	55214	SILICON DIOXIDE	55495	STREPTOMYCIN
54915	PROTAMINE SULFATE	55215	SILICIC ACID	55500	STREPTOZOCIN
54920	PROTEIN HYDROLYSATE	55218	SILICONE	55503	STRYCHNINE
54922	PROTEIN SUPPLEMENT	55225	SILVER NITRATE	55505	STYRAMATE
		55230	SILVER PROTEIN	55508	SUCCINYLCHOLINE
		55235	SILVER SULFADIAZINE	55510	SUCRALFATE
		55240	SIMETHICONE	55518	SUCROSE
		55245	SINCALIDE	55520	SULFACETAMIDE
		55253	SKIN RESP FACTOR YEAST	55525	SULFADIAZINE
		55260	ANTIVENIN SNAKE BITE	55540	SULFAMERAZINE
		55265	SOAP	55543	SULFAMETHAZINE
		55270	SODIUM ACETATE	55548	

## 1990 GENERIC ENTRY NAMES AND CODES

55550	SULFAMETHIZOLE	55903	TRAZODONE	56240	XYLOMETAZOLINE
55555	SULFAMETHOXAZOLE	55905	TRETINOIN	56245	XYLOSE
55565	SULFANILAMIDE	55910	TRACETIN	56250	YEAST
55567	SULFANILYLBENZAMIDE	55915	TRIAMCINOLONE	56260	YOHIMBENE
55570	SULFAPYRIDINE	55925	TRIAMTERENE	56261	ZIDOVUDINE
55575	SULFASALAZINE	55928	TRIAZOLAM	56262	ZEA
55580	SULFATHIAZOLE	55930	TRICHLORMETHIAZIDE	56263	ZINC BROMIDE
55585	SULFINPYRAZONE	55935	TRICHLOROACETIC ACID	56265	ZINC TOPICAL AGENTS
55590	SULFISOXAZOLE	55940	TRICHLOROETHYLENE	56268	ZINC CARBONATE
55595	SULFOBROMOPHTHALEIN	55943	TRICHLOROFLUROMETHANE	56271	ZINC (PROTEIN COMPLEX)
55600	SULFOSALICYLIC ACID	55945	TRICLOFOS	56275	ZOMEPIRAC
55605	SULFOXONE SODIUM	55947	TRICLOSAN	56285	ZINC SULFATE
55610	SULFUR	55950	TRIDIHEXETHYL CHLORIDE	56288	ZINCINOSIN
55613	SULFURATED LIME	55952	TRIETHYLENE GLYCOL	56290	TERAZOSIN HCL
55615	SULINDAC	55955	TRIETHANOLAMINE	56300	ALOE
55618	SUPROFEN	55960	TRIFLUOPERAZINE	56305	AMYLENE HYDRATE
55623	SURFACTANT	55967	TRIFLURIDINE	56310	AMYLTRICRESOLS
55630	SUTILAINS	55970	TRIGLYCERIDES	56320	SODIUM ASCORBATE
55635	SYRUP	55975	TRIHENYPHENIDYL	56325	SODIUM SALICYLATE
55640	TALBUTAL	55978	TRILOSTANE	56330	SODIUM STEARATE
55645	TALC	55985	TRIMEPRAZINE	56335	STREPTODORNASE
55647	TALLOW	55990	TRIMETHADIONE	56340	VITAMIN B
55650	TAMOXIFEN	55995	TRIMETHAPHAN	56345	VITAMIN B COMPLEX
55655	TANNIC ACID	55997	TRIMETHOPRIM	57C01	BLOOD SUGAR DIAGNOSTIC
55665	TARTARIC ACID	56000	TRIMETHOBENZAMIDE	57C02	DIABETIC SUPPLIES, MISCELLANEOUS
55666	TARTRAZINE	56005	TRIMIPRAMINE	57003	FLUTAMIDE
55667	TAUROCHOLATE	56010	TRIOXSALEN	57004	GANCICLOVIR SODIUM
55668	TEMAZEPAM	56015	TRIPLENNAMINE	57005	MESALAMINE
55669	TEA LAURYL SULFATE	56020	TROPOLIDINE	57006	OMEPRAZOLE
55670	TERBUTALINE	56028	TRITICUM	57007	PENTAMIDINE ISETHIONATE
55673	TERFENADINE	56030	TROLAMINE	57008	PERGOLIDE MESYLATE
55675	TERPIN HYDRATE	56040	TROMETHAMINE	57009	TRANEXAMIC ACID
55690	TESTOLACTONE	56045	TROPICAMIDE	57010	APROBARBITAL
55695	TESTOSTERONE	56048	TRYPSIN	60010	COBALT
55700	TETANUS ANTITOXIN	56050	TRYPTOPHAN	60015	DICHLORALANTIPYRINE
55705	TETANUS IMMUNE GLOBULIN	56065	TUBERCULIN	60020	DIPROPYLENE GLYCOL
55710	TETANUS TOXOID	56075	TUBOCURARINE	60025	ETHYL CINNAMATE
55715	TETRACAINE	56080	TURPENTINE	80001	ALPHA-1-PROTEINASE INHIBITOR
55725	TETRACYCLINE	56085	TYBAMATE	80002	ACALTEPLASE
55730	TETRAHYDROZOLINE	56090	TYLOXAPOL	80003	APRACLOPIDINE
55733	THENYLDIAMINE	56095	TYPHOID VACCINE	80004	DICLOFENAC SODIUM
55735	THEOBROMINE	56105	TYROPANOATE SODIUM	80005	OCCULT BLOOD TEST KIT
55745	THEOPHYLLINE	56108	TYROTHRICIN	80006	FLUOXETINE HYDRO- CHLORIDE
55750	THIABENDAZOLE	56110	UNDECYLENIC ACID	80007	LISINOPRIL
55755	THIAMINE	56115	URACIL	80008	NIZATIDINE
55760	THIAMYLAL	56120	UREA	80009	MITOXANTRONE
55765	THIETHYLPERAZINE	56123	UROFOLLITROPIN	80010	MURONAB
55770	THIMEROSAL	56130	UROKINASE	80011	MUPIROICIN
55775	THIOGUANINE	56133	UROLOGIC SOLUTION-G	80012	NAFTIFINE
55780	THIOPENTAL	56134	UVA URSI	80013	PENBUTOLOL SULFATE
55783	THIOPROPAZATE	56135	VALERIAN	80014	TERCONAZOLE
55785	THIORIDAZINE	56145	VALPROIC ACID	91011	MISOPROSTOL
55790	THIOTEPA	56150	VANCOMYCIN	91013	OLSALAZINE
55795	THIOTHIXENE	56161	VEGETABLE OIL	91016	LEVAMISOLE
55800	THIPHENAMIL	56162	VECURONIUM BROMIDE	91018	ETHANOLAMINE OLEATE
55801	THONZONIUM BROMIDE	56163	VERAPAMIL	91019	MORICIZINE
55803	THONZYLAMINE	56165	VERATRUM VIRIDE	91060	CEFUROXIME
55810	THROMBIN	56170	VIDARABINE		
55815	THYMOL	56175	VINBLASTINE		
55820	THYROGLOBULIN	56180	VINCRISTINE		
55825	THYROID	56185	VITAMIN A		
55830	THYROTROPIN	56192	VITAMIN B-12		
55835	TICARCILLIN	56193	VITAMIN C		
55845	TIMOLOL	56194	VITAMIN D		
55848	TITANIUM	56195	VITAMIN E		
55850	TOBRAMYCIN	56198	VITAMIN K		
55860	TOCAINIDE HYDROCHLORIDE	56205	WARFARIN		
55870	TOLAZAMIDE	56210	WATER STERILE		
55875	TOLAZOLINE	56213	WAX		
55880	TOLBUTAMIDE	56214	WHEAT GERM		
55885	TOLMETIN	56220	WHITE LOTION		
55890	TOLNAFTATE	56225	WHITE PINE SYRUP		
55893	TOLU BALSAM	56230	WILD CHERRY SYRUP		
55895	TRAGACANTH	56235	WINE		
55900	TRANLYCYPROMINE	56238	WOOL ALCOHOLS		



Drug Classes

Adapted from Standard Drug Classifications used in  
National Drug Code (NDC) Directory, 1985

<u>NDC Code</u>	<u>Drug Class</u>
01	Anesthetics/Adjuncts
02	Antidotes
03	Antimicrobials
04	Hematologics
05	Cardiovascular-renals
06	Central Nervous System
07	Radiopharmaceuticals/Contrast media
08	Gastrointestinals
09	Metabolics/Nutrients
10	Hormones/Hormonal mechanisms
11	Immunologics
12	Skin/Mucous membrane
13	Neurologics
14	Oncolytics
15	Ophthalmics
16	Otics
17	Relief of pain
18	Antiparasitics
19	Respiratory tract
20	Unclassified/Miscellaneous

## 1990 NAMCS USER QUESTIONNAIRE

In order to improve the NCHS Micro-Data Tape Release program, we would appreciate your assistance in regard to the following questionnaire.

Name: \_\_\_\_\_  
Title: \_\_\_\_\_  
Organization: \_\_\_\_\_  
Address: \_\_\_\_\_

Date of tape purchase: \_\_\_\_\_  
Type of organization (university, insurance, etc.): \_\_\_\_\_

1. Have you used this tape? (If not, please indicate why.)
2. Did you have any computer problems using the data?
3. Did you have any analytic problems with the data?
4. What output was produced using the tape?
5. How was this output used?
6. How was the overall quality of the documentation?
7. Did you find the explanation of the survey helpful? Was it clear, concise, etc.?
8. Was the description of the tape record format easy to use? Were the item descriptions understandable? Did you find any errors?
9. Do you have any other comments or complaints?

Return this questionnaire to the address on back. Please feel free to include additional comments. Thank you very much for your assistance.

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Data Tape Coordinator  
Scientific and Technical Information Branch  
National Center for Health Statistics  
6525 Belcrest Road  
Hyattsville, Maryland 20782

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