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# Public Use

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# Data Tape

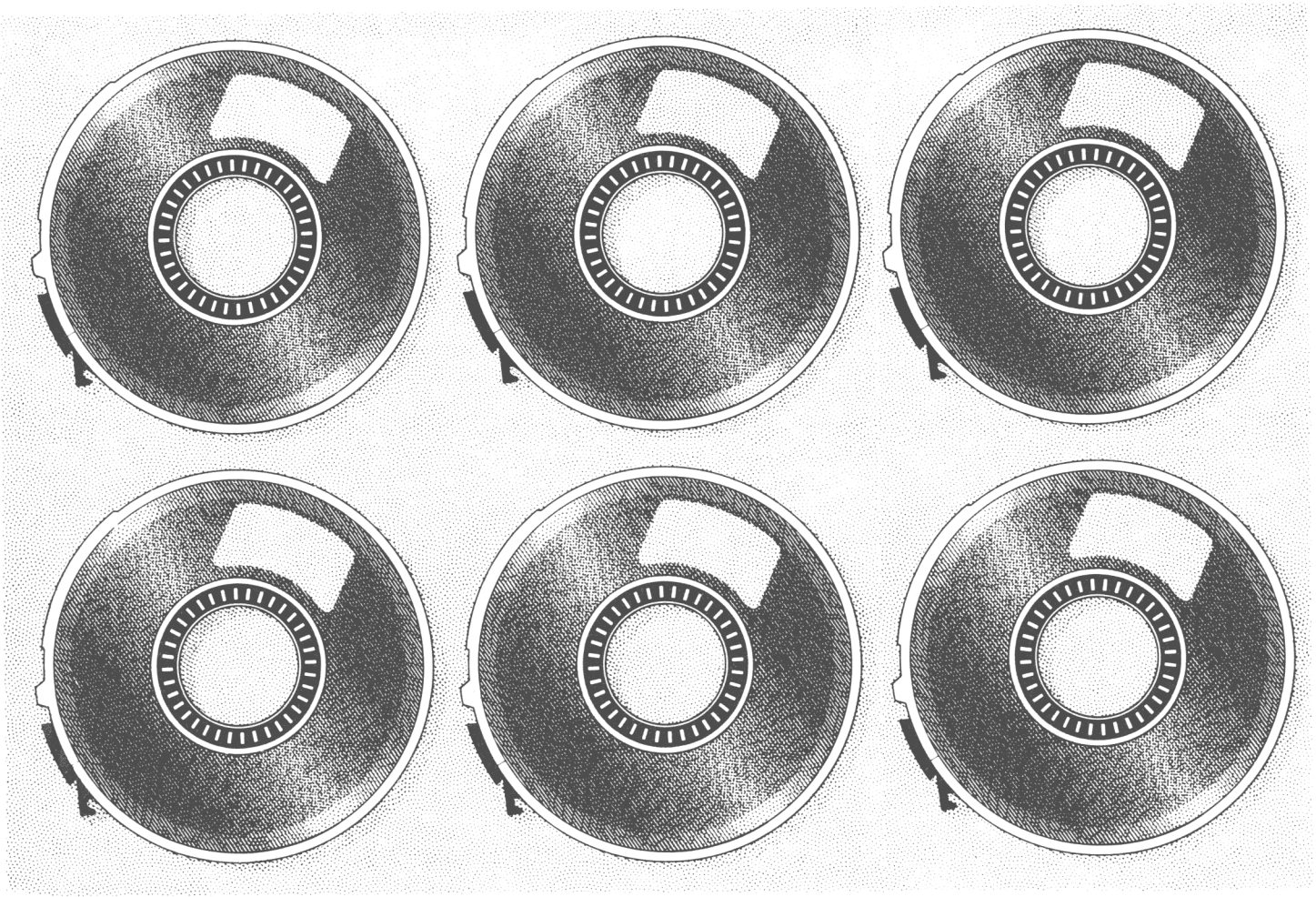
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# Documentation

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(File copy)

1989 National Ambulatory Medical Care Survey

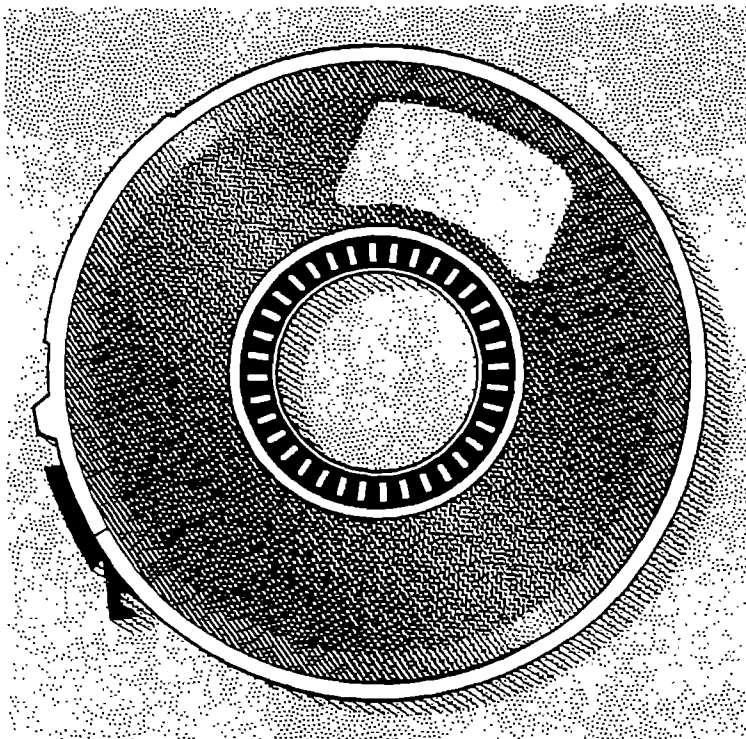


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# Public Use Data Tape Documentation

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1989 National Ambulatory Medical Care Survey



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

Hyattsville, Maryland  
October 1991

## ABSTRACT

This material provides documentation for users of the Micro-Data tapes of the National Ambulatory Medical Care Survey (NAMCS) conducted by the National Center for Health Statistics. 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

This Micro-Data Tape comprises the data collected by the National Ambulatory Medical Care Survey (NAMCS) in 1989, conducted by the National Center for Health Statistics (NCHS). The National Ambulatory Medical Care Survey provides data from samples of patient records selected from a national sample of office-based physicians. These national estimates describe the utilization of ambulatory medical care services in the United States. In 1989 there were approximately 38,000 patient records provided by 1,421 doctors that participated in the survey. 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.

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 "patient weight" and how it must be used. Information about the patient 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 1989 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 1989 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 1989 NAMCS was composed of all physicians contained in the master files maintained by the AMA and AOA as of December 31, 1988, 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 1989 NAMCS sample included 2,535 physicians: 2,288 MD's and 247 doctors of osteopathy. Sample physicians were screened at the time of the survey to assure that they met the above-mentioned criteria, 608 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 1,927 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, 198 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 1989 NATIONAL AMBULATORY MEDICAL CARE SURVEY SAMPLE BY PHYSICIAN SPECIALTY AND RESPONSE STATUS: UNITED STATES, 1989.

	UNIVERSE*	NAMCS SAMPLE	OUT OF SCOPE	IN SCOPE	NON- RESPONSE	RESPONSE	RESPONSE RATE**
ALL SPECIALTIES	317,512	2535	608	1927	506	1421	74
GENERAL/FAMILY PRACTICE	55,395	373	94	279	74	205	73
OSTEOPATHY	12,720	247	57	190	55	135	71
INTERNAL MEDICINE	44,409	213	65	148	54	94	64
PEDIATRICS	24,961	166	46	120	23	97	81
GENERAL SURGERY	20,217	236	57	179	41	138	77
OBSTETRICS & GYNECOLOGY	24,810	164	31	133	39	94	71
ORTHOPEDIC SURGERY	14,000	116	23	93	26	67	72
CARDIOVASCULAR DISEASES	10,140	118	24	94	33	61	65
DERMATOLOGY	5,664	114	17	97	19	78	80
UROLOGY	7,262	118	24	94	23	71	76
PSYCHIATRY	21,879	104	30	74	16	58	78
NEUROLOGY	5,326	106	24	82	21	61	74
OPHTHALMOLOGY	12,730	108	17	91	16	75	82
OTOLARYNGOLOGY	6,152	104	15	89	26	63	71
ALL OTHER SPECIALTIES	51,847	248	84	164	40	124	76

\*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 1989 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.

## 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 3). 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.



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Assurance of Confidentiality All information which would permit identification of an individual a practice, or an establishment will be held confidential, will be used only by persons engaged in and for the purposes of the survey and will not be disclosed or released to other persons or used for any other purpose

Department of Health and Human Services  
Centers for Disease Control  
Public Health Service  
National Center for Health Statistics

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(PHS) 61058

# PATIENT RECORD NATIONAL AMBULATORY MEDICAL CARE SURVEY

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## PATIENT LOG

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.

PATIENT'S NAME	TIME OF VISIT
1	a.m. p.m.
2	a.m. p.m.

<b>1. DATE OF VISIT</b> _____ <small>Month Day Year</small>		<b>4. SEX</b> <input type="checkbox"/> FEMALE <input type="checkbox"/> MALE		<b>5. COLOR OR RACE</b> <input type="checkbox"/> WHITE <input type="checkbox"/> BLACK <input type="checkbox"/> ASIAN/PACIFIC ISLANDER <input type="checkbox"/> AMERICAN INDIAN/ESKIMO/ALEUT		<b>6. ETHNICITY</b> <input type="checkbox"/> HISPANIC ORIGIN <input type="checkbox"/> NOT HISPANIC		<b>7. EXPECTED SOURCE(S) OF PAYMENT</b> <i>[Check all that apply]</i> <input type="checkbox"/> SELF PAY <input type="checkbox"/> BLUE CROSS/BLUE SHIELD <input type="checkbox"/> NO CHARGE <input type="checkbox"/> MEDICARE <input type="checkbox"/> OTHER COMMERCIAL INSURANCE <input type="checkbox"/> OTHER <i>[Specify]</i> <input type="checkbox"/> MEDICAID <input type="checkbox"/> PRE PAID PLAN HMO/IPA/PPD		<b>8. WAS PATIENT REFERRED FOR THIS VISIT BY ANOTHER PHYSICIAN?</b> <input type="checkbox"/> YES <input type="checkbox"/> NO																																	
<b>3. DATE OF BIRTH</b> _____ <small>Month Day Year</small>		<b>9. PATIENT'S COMPLAINT(S), SYMPTOM(S), OR OTHER REASON(S) FOR THIS VISIT</b> <i>[In patient's own words]</i> a MOST IMPORTANT  b OTHER				<b>10. PHYSICIAN'S DIAGNOSES</b> a PRINCIPAL DIAGNOSIS PROBLEM ASSOCIATED WITH ITEM 9a  b OTHER SIGNIFICANT CURRENT DIAGNOSES				<b>11. HAVE YOU SEEN PATIENT BEFORE?</b>  <input type="checkbox"/> YES <input type="checkbox"/> NO ↓ IF YES FOR THE CONDITION IN ITEM 10a?  <input type="checkbox"/> YES <input type="checkbox"/> NO																																	
<b>12. DIAGNOSTIC/SCREENING SERVICES</b> <i>[Check all ordered or provided]</i> <input type="checkbox"/> NONE <input type="checkbox"/> BLOOD PRESSURE CHECK <input type="checkbox"/> ORAL GLUCOSE TOL <input type="checkbox"/> PAP TEST <input type="checkbox"/> URINALYSIS <input type="checkbox"/> CHOLESTEROL MEASURE <input type="checkbox"/> PELVIC EXAM <input type="checkbox"/> CHEST X RAY <input type="checkbox"/> HIV SEROLOGY <input type="checkbox"/> BREAST PALPATION <input type="checkbox"/> DIGITAL RECTAL EXAM <input type="checkbox"/> OTHER BLOOD TEST <input type="checkbox"/> MAMMOGRAM <input type="checkbox"/> PROCT-SIGMOIDOSCOPY <input type="checkbox"/> OTHER <i>[Specify]</i> <input type="checkbox"/> VISUAL ACUITY <input type="checkbox"/> STOOL BLOOD EXAM				<b>13. COUNSELING/ADVICE</b> <i>[Check all ordered or provided]</i> <input type="checkbox"/> NONE <input type="checkbox"/> WEIGHT REDUCTION <input type="checkbox"/> CHOLESTEROL REDUCTION <input type="checkbox"/> SMOKING CESSATION <input type="checkbox"/> HIV TRANSMISSION <input type="checkbox"/> BREAST SELF EXAM <input type="checkbox"/> OTHER				<b>14. NON-MEDICATION THERAPY</b> <i>[Check all ordered or provided]</i> <input type="checkbox"/> NONE <input type="checkbox"/> PSYCHOTHERAPY <input type="checkbox"/> CORRECTIVE LENSES <input type="checkbox"/> AMBULATORY SURGERY <input type="checkbox"/> PHYSIOTHERAPY <input type="checkbox"/> OTHER <i>[Specify]</i>																																			
<b>15. MEDICATION THERAPY</b> <i>[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.]</i> IF NONE, CHECK HERE <input type="checkbox"/> <table border="1"> <thead> <tr> <th rowspan="2"></th> <th colspan="2">a NEW MEDICATION?</th> <th colspan="2">b FOR DX IN ITEM 10a?</th> </tr> <tr> <th>YES</th> <th>NO</th> <th>YES</th> <th>NO</th> </tr> </thead> <tbody> <tr> <td>1</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>2</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>3</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>4</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>5</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </tbody> </table>							a NEW MEDICATION?		b FOR DX IN ITEM 10a?		YES	NO	YES	NO	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>16. DISPOSITION THIS VISIT</b> <i>[Check all that apply]</i> <input type="checkbox"/> NO FOLLOW UP PLANNED <input type="checkbox"/> RETURN AT SPECIFIED TIME <input type="checkbox"/> RETURN IF NEEDED P R N <input type="checkbox"/> TELEPHONE FOLLOW UP PLANNED <input type="checkbox"/> REFERRED TO OTHER PHYSICIAN <input type="checkbox"/> RETURNED TO REFERRING PHYSICIAN <input type="checkbox"/> ADMIT TO HOSPITAL <input type="checkbox"/> OTHER <i>[Specify]</i>		<b>17. DURATION OF THIS VISIT</b> <i>[Time actually spent with physician]</i>  _____ Minutes	
	a NEW MEDICATION?		b FOR DX IN ITEM 10a?																																								
	YES	NO	YES	NO																																							
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																																							
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																																							
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																																							
4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																																							
5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																																							

FIGURE 1

Record items 1-17 for this patient

1989 NAMCS MICRO-DATA TAPE DOCUMENTATION

CONTINUE LISTING PATIENTS ON NEXT PAGE

## 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 31 and 33 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 1989 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 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 patient record form allows for the recording of up to 5 drugs. The tape format includes a corresponding allocation of drug fields.

More complete coding lists and instructions for using the NAMCS 1989 drug information are contained in the publication entitled: "The Collection and Processing of Drug Information, National Ambulatory Medical Care Survey, United States, 1980."<sup>8/</sup> Copies are available upon request.

It should be noted that a substantial amount of information concerning each drug is not contained in these data. This additional drug information is contained in a special NAMCS Drug File and is available as a separate micro-data tape. For information on ordering the micro-data tape for drugs, interested persons should contact the Ambulatory Care Statistics Branch, Division of Health Care Statistics, Room 9-52, 6525 Belcrest Road, Hyattsville, Maryland 20782. The telephone number is 301/436-7132.

#### 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, 1989, 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, 1989.

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	243,532	18,768	35,087	35,548	42,814	35,982	24,685	21,429	17,828	11,391
<u>Sex</u>										
Male	118,009	9,606	17,962	17,579	21,059	17,589	11,967	10,103	7,935	4,208
Female	125,523	9,162	17,125	17,969	21,755	18,393	12,718	11,326	9,893	7,183
<u>Race and Sex</u>										
White	205,312	15,109	28,326	29,000	35,778	30,765	21,236	18,785	15,984	10,328
MALE	100,003	7,730	14,554	14,420	17,795	15,237	10,400	8,909	7,145	3,814
FEMALE	105,309	7,379	13,772	14,580	17,983	15,528	10,836	9,876	8,839	6,514
BLACK	29,981	2,881	5,469	5,171	5,310	3,894	2,588	2,125	1,545	908
MALE	13,941	1,464	2,776	2,464	2,405	1,737	1,147	959	661	329
FEMALE	15,950	1,417	2,693	2,707	2,905	2,157	1,441	1,166	884	580
OTHER	8,329	777	1,292	1,377	1,725	1,324	860	519	299	155
MALE	4,065	412	632	696	859	615	419	235	130	66
Female	4,264	365	660	681	866	709	441	284	169	89
<u>Region</u>										
Northeast	48,930									
Midwest	59,540									
South	83,148									
West	51,913									

<sup>1/</sup> Civilian noninstitutional population

<sup>2/</sup> Numbers may not add to totals because of rounding.

## ESTIMATION PROCEDURES

Statistics produced from the 1989 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 or 10, as well as Appendix I of this document.

### PATIENT WEIGHT

The "patient 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 patient visits--and not a complete count of all the visits that occurred in the United States. Each record on the data tape represents one visit in the sample of 38,384 visits. In order to obtain national estimates from the sample, each record is assigned an inflation factor called the "patient weight".

By aggregating the "patient weights" on the 38,384 sample records for 1989 the user can obtain the total of 692,701,817 estimated visits made by all patients in the United States.

The marginal tables on pages 23 to 27 contain data on numbers of records for selected variables as well as the corresponding national estimated number of visits obtained by aggregating the "patient weights" on those records.

References<sup>1/</sup>

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10. National Center for Health Statistics: Highlights of Drug Utilization in Office Practice: National Ambulatory Medical Care Survey, 1985, United States. Advance Data from Vital and Health Statistics, No. 134. DHHS Publication No. (PHS) 87-1250. Public Health Service. Hyattsville, Maryland. May, 1987.

<sup>1/</sup>Information concerning other reports written on 1989 data may be obtained from the Ambulatory Care Statistics Branch.



Technical Description of Tape

Data Set Name:	NAMC1989
Number of Reels:	1
Number of Recording Tracks:	9
Density (bpi):	1600 or 6250
Language	EBEDIC
Parity	ODD
Record Length:	152
Blocksize:	15,200
Number of Records	38,384
Computer Compatibility	IBM 360 OR 370

## 1989 FORMAT FOR PATIENT 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.

<u>ITEM NO.</u>	<u>FIELD LENGTH</u>	<u>TAPE LOCATION</u>	<u>ITEM DESCRIPTION AND CODES</u>
1	6	1-6	<u>DATE OF VISIT</u>
1.1	2	1-2	MONTH OF VISIT 01-12: JANUARY-DECEMBER
1.2	2	3-4	DAY OF VISIT 01-31
1.3	2	5-6	YEAR OF VISIT LAST 2 DIGITS OF YEAR (89,90)
3	2	7-8	<u>PATIENT AGE</u> (IN YEARS; DERIVED FROM DATE OF BIRTH) 00-99
4	1	9	<u>SEX</u> 1 = FEMALE 2 = MALE
5	1	10	<u>RACE</u> 0 = UNSPECIFIED 1 = WHITE 2 = BLACK 3 = ASIAN/PACIFIC ISLANDER 4 = AMERICAN INDIAN/ESKIMO/ALEUT
6	1	11	<u>ETHNICITY</u> 0 = UNSPECIFIED 1 = HISPANIC ORIGIN 2 = NOT HISPANIC
7	9	12-20	<u>EXPECTED SOURCE(S) OF PAYMENT</u>
7.1	1	12	SELF-PAY (1=YES, AND 0=NO)
7.2	1	13	MEDICARE "
7.3	1	14	MEDICAID "
7.4	1	15	BLUE CROSS/BLUE SHIELD "
7.5	1	16	OTHER COMMERCIAL INSURANCE "
7.6	1	17	HMO/PRE-PAID PLAN "
7.7	1	18	NO CHARGE "
7.8	1	19	OTHER "
7.9	1	20	UNKNOWN "

<u>ITEM NO.</u>	<u>FIELD LENGTH</u>	<u>TAPE LOCATION</u>	<u>ITEM DESCRIPTION AND CODES</u>
8	1	21	<u>WAS PATIENT REFERRED BY ANOTHER PHYSICIAN</u> 1 = YES 2 = NO
9	15	22-36	<u>PATIENT REASONS FOR VISIT (SEE PAGE 8 AND REF. 4)</u>
9.1	5	22-26	REASON # 1 10050-89990 = 10050-89990 BLANK = 90000
9.2	5	27-31	REASON # 2 10050-89990 = 10050-89990 BLANK = 90000
9.3	5	32-36	REASON # 3 10050-89990 = 10050-89990 BLANK = 90000
10	18	37-54	<u>PHYSICIAN'S DIAGNOSES (SEE PAGE 9 AND REF. 5)</u>
10.1	6	37-42	DIAGNOSIS # 1 00100-V9990 = 100100-209990 BLANK = 900000
10.2	6	43-48	DIAGNOSIS # 2 00100-V9990 = 100100-209990 BLANK = 900000
10.3	6	49-54	DIAGNOSIS # 3 00100-V9990 = 100100-209990 BLANK = 900000
11.1	1	55	<u>HAVE YOU SEEN PATIENT BEFORE?</u> 1 = YES--- 2 = NO
11.2	1	56	<u>IF YES, FOR THE DIAGNOSIS IN ITEM 10A?</u> 0 = NOT APPLICABLE 1 = YES 2 = NO
12	17	57-73	<u>SCREENING/DIAGNOSTIC SERVICES THIS VISIT</u>
12.1	1	57	NONE (1=YES, AND 0=NO)
12.2	1	58	PAP TEST "
12.3	1	59	PELVIC EXAM "
12.4	1	60	BREAST PALPATION "
12.5	1	61	MAMMOGRAM "
12.6	1	62	VISUAL ACUITY "
12.7	1	63	BLOOD PRESSURE CHECK "
12.8	1	64	URINALYSIS "
12.9	1	65	CHEST X-RAY "
12.10	1	66	DIGITAL RECTAL EXAM "
12.11	1	67	PROCT/SIGMOIDOSCOPY "
12.12	1	68	STOOL BLOOD EXAM "
12.13	1	69	ORAL GLUCOSE TOLERANCE "
12.14	1	70	CHOLESTEROL MEASURE "
12.15	1	71	HIV SEROLOGY "
12.16	1	72	OTHER BLOOD TEST "
12.17	1	73	OTHER (SPECIFY) "

<u>ITEM NO.</u>	<u>FIELD LENGTH</u>	<u>TAPE LOCATION</u>	<u>ITEM DESCRIPTION AND CODES</u>
13	7	74-80	<u>COUNSELING/ADVICE</u>
13.1	1	74	NONE (1=YES, AND 0=NO)
13.2	1	75	WEIGHT REDUCTION "
13.3	1	76	CHOLESTEROL REDUCTION "
13.4	1	77	SMOKING CESSATION "
13.5	1	78	HIV TRANSMISSION "
13.6	1	79	BREAST SELF EXAM "
13.7	1	80	OTHER "
14	6	81-86	<u>NON-MEDICATION THERAPY</u>
14.1	1	81	NONE (1=YES, AND 0=NO)
14.2	1	82	PSYCHOTHERAPY "
14.3	1	83	CORRECTIVE LENSES "
14.4	1	84	AMBULATORY SURGERY "
14.5	1	85	PHYSIOTHERAPY "
14.6	1	86	OTHER (SPECIFY) "
15	1	87	<u>WERE MEDICATIONS ORDERED OR PROVIDED AT THIS VISIT?</u> 1 = YES 0 = NO
16	1	88	<u>NUMBER OF MEDICATIONS CODED (0 TO 5)</u>
17	35	89-123	<u>MEDICATIONS</u>
	7	89-95	<u>MEDICATION # 1</u>
17.1	5	89-93	CODE: 00005-61610 90000- BLANK 99980- UNKNOWN ENTRY 99999- ILLEGIBLE ENTRY
17.2	1	94	NEW MEDICATION?: 0 = UNKNOWN 1 = YES 2 = NO 3 = NOT APPLICABLE
17.3	1	95	FOR DX IN ITEM 10A?: 0 = UNKNOWN 1 = YES 2 = NO 3 = NOT APPLICABLE
	7	96-102	<u>MEDICATION # 2</u>
17.4	5	96-100	CODE: 00005-61610 90000- BLANK 99980- UNKNOWN ENTRY 99999- ILLEGIBLE ENTRY
17.5	1	101	NEW MEDICATION?: 0 = UNKNOWN 1 = YES 2 = NO 3 = NOT APPLICABLE

<u>ITEM NO.</u>	<u>FIELD LENGTH</u>	<u>TAPE LOCATION</u>	<u>ITEM DESCRIPTION AND CODES</u>
17.6	1	102	FOR DX IN ITEM 10A?: 0 = UNKNOWN 1 = YES 2 = NO 3 = NOT APPLICABLE
17.7	7 5	103-109 103-107	<u>MEDICATION # 3</u> CODE: 00005-61610 90000- BLANK 99980- UNKNOWN ENTRY 99999- ILLEGIBLE ENTRY
17.8	1	108	NEW MEDICATION?: 0 = UNKNOWN 1 = YES 2 = NO 3 = NOT APPLICABLE
17.9	1	109	FOR DX IN ITEM 10A?: 0 = UNKNOWN 1 = YES 2 = NO 3 = NOT APPLICABLE
17.10	7 5	110-116 110-114	<u>MEDICATION # 4</u> CODE: 00005-61610 90000- BLANK 99980- UNKNOWN ENTRY 99999- ILLEGIBLE ENTRY
17.11	1	115	NEW MEDICATION?: 0 = UNKNOWN 1 = YES 2 = NO 3 = NOT APPLICABLE
17.12	1	116	FOR DX IN ITEM 10A?: 0 = UNKNOWN 1 = YES 2 = NO 3 = NOT APPLICABLE
17.13	7 5	117-123 117-121	<u>MEDICATION # 5</u> CODE: 00005-61610 90000- BLANK 99980- UNKNOWN ENTRY 99999- ILLEGIBLE ENTRY
17.14	1	122	NEW MEDICATION?: 0 = UNKNOWN 1 = YES 2 = NO 3 = NOT APPLICABLE
17.15	1	123	FOR DX IN ITEM 10A?: 0 = UNKNOWN 1 = YES 2 = NO 3 = NOT APPLICABLE

<u>ITEM NO.</u>	<u>FIELD LENGTH</u>	<u>TAPE LOCATION</u>	<u>ITEM DESCRIPTION AND CODES</u>
18	8	124-131	<u>DISPOSITION OF THIS VISIT</u>
18.1	1	124	NO FOLLOW-UP PLANNED (1=YES, AND 0=NO)
18.2	1	125	RETURN AT SPECIFIED TIME "
18.3	1	126	RETURN IF NEEDED, P.R.N. "
18.4	1	127	TELEPHONE FOLLOW-UP PLANNED "
18.5	1	128	REFERRED TO OTHER PHYSICIAN "
18.6	1	129	RETURNED TO REFERRING PHYSICIAN "
18.7	1	130	ADMIT TO HOSPITAL "
18.8	1	131	OTHER (SPECIFY) "
19	3	132-134	<u>DURATION OF THIS VISIT (IN MINUTES)</u> 000-999
20	6	135-140	<u>PATIENT WEIGHT (SEE PAGE 13)</u> A RIGHT JUSTIFIED, ALPHANUMERIC INTEGER DEVELOPED BY THE NAMCS STAFF FOR THE PURPOSE OF PRODUCING NATIONAL ESTIMATES FROM SAMPLE ESTIMATES.
21	1	141	<u>GEOGRAPHIC REGION (BASED ON ACTUAL LOCATION OF PHYSICIAN'S PRACTICE)</u> 1 = NORTHEAST 2 = MIDWEST 3 = SOUTH 4 = WEST
22	3	142-144	<u>PHYSICIAN SPECIALTY (COLLECTED FROM INDUCTION INTERVIEW - REFERENCE 3)</u> SEE "LIST OF DESIGNATED SPECIALTY CODES" ON PAGE 21 OF THIS DOCUMENTATION.
23	1	145	<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 *****			
24	1	146	BIRTH YEAR (1=IMPUTED, AND BLANK=NOT IMPUTED)
25	1	147	SEX "
26	1	148	REFERRAL "
27	1	149	SEEN PATIENT BEFORE "
28	1	150	IF YES, FOR DIAGNOSIS IN 10A "
29	1	151	DISPOSITION OF VISIT "
30	1	152	DURATION OF VISIT "

Designated Specialties in the National Ambulatory Medical Care Survey, 1989  
(From 1989 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 549,000 visits 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



1989 NAMCS MARGINALS

PATIENT AGE	TOTAL	< 15	15-24	25-44	45-64	65-74	75+	
ALL	38384	6484	3660	10577	8566	5090	4007	NUMBER OF RECORDS
	692701817	137501605	66867756	192592611	145159930	83692403	66887512	ESTIMATED VISITS
	100.000	19.850	9.653	27.803	20.956	12.082	9.656	PERCENT

PATIENT SEX	TOTAL	FEMALE	MALE	
ALL	38384	22635	15749	NUMBER OF RECORDS
	692701817	417495927	275205890	ESTIMATED VISITS
	100.000	60.271	39.729	PERCENT

PATIENT AGE AND SEX	TOTAL	FEMALE < 15	FEMALE 15-24	FEMALE 25-44	FEMALE 45-64	FEMALE 65-74	FEMALE 75 +	
ALL	38384	3072	2306	6922	4993	2895	2447	NUMBER OF RECORDS
	692701817	65138067	43064783	130222374	87075958	49559881	42434864	ESTIMATED VISITS
	100.000	9.403	6.217	18.799	12.570	7.155	6.126	PERCENT
		MALE < 15	MALE 15-24	MALE 25-44	MALE 45-64	MALE 65-74	MALE 75 +	
		3412	1354	3655	3573	2195	1560	NUMBER OF RECORDS
		72363538	23802973	62370237	58083972	34132522	24452648	ESTIMATED VISITS
		10.447	3.436	9.004	8.385	4.927	3.530	PERCENT

PATIENT RACE	TOTAL	WHITE	BLACK	ASIAN/PA ISLANDER	AMER IN/ESK/ALEU	UNSPECIFIED	
ALL	38384	33327	3076	990	112	879	NUMBER OF RECORDS
	692701817	587976029	62145972	18948016	2233262	21398538	ESTIMATED VISITS
	100.000	84.882	8.972	2.735	0.322	3.089	PERCENT

ETHNICITY	TOTAL	HISPANIC	NOT HISPANIC	UNSPECIFIED	
ALL	38384	2073	34351	1960	NUMBER OF RECORDS
	692701817	40371252	612794069	39536496	ESTIMATED VISITS
	100.000	5.828	88.464	5.708	PERCENT

SOURCE OF PAYMENT	TOTAL	SELF PAY	MEDICARE	MEDICAID	BL CROSS BL SHEL	OTHER COMMER	HMO/PRE- PAIDPLAN	NO CHARGE	OTHER	UNKNOWN
	ALL	38384	12403	7747	2751	4599	8563	4970	826	2139
692701817	221666399	126303698	53698926	78079990	149587463	104810658	13007494	38438928	14495116	
	100.000	32.000	18.233	7.752	11.272	21.595	15.131	1.878	5.549	2.093

PATIENT REFERRAL STATUS	TOTAL	YES	NO	NUMBER OF RECORDS ESTIMATED VISITS PERCENT
	ALL	38384	2910	
692701817	37643314	655058503		
	100.000	5.434	94.566	

VISIT STATUS	TOTAL	NEW PAT	OLD PAT NEWPROB	OLD PAT OLDPROB	NUMBER OF RECORDS ESTIMATED VISITS PERCENT
	ALL	38384	7012	7442	
692701817	114854973	155639917	422206927		
	100.000	16.581	22.469	60.951	

DIAGNOSTIC SERVICES	TOTAL	NONE	PAP TEST	PELVIC EXAM	BREAST PALPATON	MAMMO GRAM	VISUAL ACUITY	BLOOD PRESSURE	URINE	CHEST X RAY
	ALL	38384	15418	1432	2337	1829	533	2456	12033	4853
692701817	265834255	32766465	51965062	37928783	10654665	45191787	241898670	87716438	18419457	
	100.000	38.376	4.730	7.502	5.475	1.538	6.524	34.921	12.663	2.659
DIG-RECT AL EXAM	PRDCTO SIGMOID	STOOL-BL OOD EXAM	ORAL GLU COSE TOL	CHOLESTR MEASURE	HIV SEROLOGY	OTHER BL OOD TEST	OTHER DX SERV	NUMBER OF RECORDS ESTIMATED VISITS PERCENT		
	1360	178	754	146	1234	49	4294	10218		
25070578	3133631	15576152	3055558	24827806	1012910	88209935	176241847			
	3.619	0.452	2.249	0.441	3.584	0.146	12.734	25.443		

COUNSELING/ ADVICE	TOTAL	NONE	WEIGHT REDUCT	CHOLEST REDUCT	SMOKING CESSATN	HIV TRANSMI	BREAST SELF EX	OTHER	NUMBER OF RECORDS ESTIMATED VISITS PERCENT
	ALL	38384	24074	2237	1125	848	58	819	
692701817	435791978	43853303	21533159	15108848	1043757	15779227	193272439		
	100.000	62.912	6.331	3.109	2.181	0.151	2.278	27.901	

NON-MEDICATION THERAPY	TOTAL	NONE	PSYCHO THERAPY	CORRECT LENSES	AMBULAT SURGERY	PHYSIO THERAPY	OTHER		
ALL	38384	29508	1485	555	1097	978	5113	NUMBER OF RECORDS	
	692701817	558985842	22182192	8572007	13095035	16204350	78797018	ESTIMATED VISITS	
	100.000	80.696	3.202	1.237	1.890	2.339	11.375	PERCENT	

DRUG VISITS	TOTAL	DRUG VISITS	NO DRUG VISITS	
ALL	38384	22063	16321	NUMBER OF RECORDS
	692701817	416788842	275912975	ESTIMATED VISITS
	100.000	60.169	39.831	PERCENT

NUMBER OF MEDICATION CODES THIS VISIT	TOTAL	0 MEDS	1 MED	2 MEDS	3 MEDS	4 MEDS	5 MEDS		
ALL	38384	16321	12106	5772	2314	999	872	NUMBER OF RECORDS	
	692701817	275912975	230077094	108720053	43961105	18797896	15232694	ESTIMATED VISITS	
	100.000	39.831	33.214	15.695	6.346	2.714	2.199	PERCENT	

DISPOSITION	TOTAL	NO FOLLOW	RETURN SPECTIME	RETURN IFNEEDED	TELEPHON FOLLOWUP	REFER TO OTR PHYS	RETURN TO REF PHYS	ADMIT TO HOSPITAL	OTHR DIS POSITION
ALL	38384	3528	23973	8433	1364	1037	518	465	1005
	692701817	66376833	424583171	160282388	24961746	20070787	6138810	7162672	15535546
	100.000	9.582	61.294	23.139	3.604	2.897	0.886	1.034	2.243

DURATION OF VISIT	TOTAL	ZERO MINUTES	1-5 MINUTES	6-10 MINUTES	11-15 MINUTES	16-30 MINUTES	31-60 MINUTES	61+ MINUTES		
ALL	38384	696	3146	10107	11572	9951	2729	183	NUMBER OF RECORDS	
	692701817	15484046	65152662	191103072	215017455	164844686	38650791	2449105	ESTIMATED VISITS	
	100.000	2.235	9.406	27.588	31.040	23.797	5.580	0.354	PERCENT	

MD VS DO	TOTAL	DO	MD	
ALL	38384	4238	34146	NUMBER OF RECORDS
	692701817	41309948	651391869	ESTIMATED VISITS
	100.000	5.964	94.036	PERCENT

13 MOST FREQUENTLY VISITED SPECIALTIES	TOTAL	GEN PRAC	INT MED	PEDIATRI	GEN SURG	OB-GYNS	ORTH SUR	CARD VAS	DERMATOL	
	ALL	38384	10270	2724	3732	2823	2504	1827	1087	2774
	692701817	206301085	78815579	87411009	25379122	58380958	35148428	10839615	26319488	
	100.000	29.782	11.378	12.619	3.664	8.428	5.074	1.565	3.800	
		URO SURG	PSYCHIAT	NEUR SUR	OPHTHALM	OTOLARYN	OTHER			
		1569	1184	1178	2203	1790	2719			NUMBER OF RECORDS
		10157294	16616324	6105220	38761376	15955794	76510525			ESTIMATED VISITS
		1.466	2.399	0.881	5.596	2.303	11.045			PERCENT

GEOGRAPHIC REGION	TOTAL	NORTH- EAST	MID- WEST	SOUTH	WEST	
	ALL	38384	7366	9825	12671	8522
	692701817	130000218	182075081	225075055	155551463	ESTIMATED VISITS
	100.000	18.767	26.285	32.492	22.456	PERCENT

GENERAL RFV-7 MODULES	TOTAL	SYMPTOM MODULE	DISEASE MODULE	DAGNOSTC SCREENING PREVNTIV	TREATMEN MODULE	INJURY + ADVERSE EFFECTS	TEST RESULTS MODULE	ADMINIST MODULE	UNCODE- ABLE	BLANK
	ALL	38384	22855	3902	5018	3910	1308	371	381	395
	692701817	394876262	69606186	108571864	64487477	25583445	7527333	8324540	7682503	6042207
	100.000	57.005	10.049	15.674	9.310	3.693	1.087	1.202	1.109	0.872

MAJOR ICD-9-CM CLASSES	TOTAL	INF/PAR DISEASES	NEOPLASM	ENDOCRIN NUT+META	MENTAL DISORDRS	NERVOUS SYSTEM	CIRCULAT SYSTEM	RESPIRAT SYSTEM	DIGESTIV SYSTEM	GENITOUR SYSTEM
	ALL	38384	1364	1571	1431	1708	4446	3105	4239	1483
	692701817	25466333	22319055	27862765	25386038	74557476	56014285	94592923	26742516	38471863
	100.000	3.676	3.222	4.022	3.665	10.763	8.086	13.656	3.861	5.554
		SKIN+SUB TISSUE	MUSCULOS SYSTEM	SYMPTOMS SIGNS+IL	INJURY + POISONING	SUPLEMEN CLASIFIC	ALL OTHR DAGNOSES	UNKNOWN + BLANK		
		2954	2635	1653	2982	5041	581	626		NUMBER OF RECORDS
		38639667	47906116	28882947	55935817	105641560	11209721	13072735		ESTIMATED VISITS
		5.578	6.916	4.170	8.075	15.251	1.618	1.887		PERCENT

ALL SPECIALTIES	ALLERGY	CARDIOV DISEASS CD	CHILD PSYCH CHP	COLON + REC SUR CRSS	DERMA TOLOGY D	EMERGEN CY MED EM	GASTRO ENTEROL GE	FAMILY PRACTIC FP		
TOTAL	A									
ALL	38384	26	1087	58	18	2774	236	223	4876	NUMBER OF RECORDS
692701817	1649050	10839615	745054	460206*	26319488	9122192	4817397	123812509	17.874	ESTIMATED VISITS
100.000	0.238	1.565	0.108	0.066	3.800	1.317	0.695			PERCENT
	GENERAL PRACTIC GP	GENERAL PREV ME GPM	CARDIOV SURGERY CDSS	GENERAL SURGERY GS	HAND SURGERY HS	HEAD + NEK SUR HNS	PEDIATR IC SURG PDS	VASCULA SURGERY VS		
	5394	25	42	2823	81	42	39	67		NUMBER OF RECORDS
82488576	639175	758386	25379122	2435728	1073814	2505555	2774067			ESTIMATED VISITS
11.908	0.092	0.109	3.664	0.352	0.155	0.362	0.400			PERCENT
	ALLERGY +IMMUNO AI	DIA- BETES DIA	ENDO- CRINOLO END	HEMA- TOLOGY HEM	INFECTI OUS DSS ID	INTERNL MEDICIN IM	NEPHRO- LOGY NEP	ONCO- LOGY ON		
	170	26	238	77	19	2724	35	272		NUMBER OF RECORDS
8558930	386594*	5146098	1353971	423776*	78815579	447405*	7593908			ESTIMATED VISITS
1.236	0.056	0.743	0.195	0.061	11.378	0.065	1.096			PERCENT
	RHEUMA TOLOGY RHU	NEUROLO SURGERY NS	CHILD NEUROLOGY CHN	NEUROLOGY N	GYNECO- LOGY GYN	OBSTETRICS + GYNECO OBG	OCCUPAT- NAL MED OM	OPHTHAL MOLOGY OPH		
	220	94	23	1155	140	2364	54	2203		NUMBER OF RECORDS
4083173	2570319	93122*	6012098	3205352	55175606	1342278	38761376			ESTIMATED VISITS
0.589	0.371	0.013	0.868	0.463	7.965	0.194	5.596			PERCENT
	ORTHOPE SURGERY ORS	FAC PLA SUR OTO FPS	OTOLARY NGOLOGY OTO	ADOLESC ENT MED ADL	PEDIA TRICS PD	PEDIATR CARDIOL PDC	PHYS ME + REHAB PM	PLASTIC SURGERY PS		
	1827	36	1754	21	3648	63	22	222		NUMBER OF RECORDS
35148428	203080*	15752714	1614711	84813647	982651	498554	6232524			ESTIMATED VISITS
5.074	0.029	2.274	0.233	12.244	0.142	0.072	0.900			PERCENT
	PSYCH- IATRY P	PSYCHOA NALYSIS PYA	PUBLIC HEALTH PH	PULMONA RY DISS PUD	THORACI SURGERY TS	UROLOGI CAL SUR U	OTHER SPECLTY OS	UNSPECI- FIED US		
	1063	63	52	136	28	1569	61	194		NUMBER OF RECORDS
15083833	787437	397228*	3960261	837473	10157294	1423875	5018588			ESTIMATED VISITS
2.178	0.114	0.057	0.572	0.121	1.466	0.206	0.724			PERCENT

## Appendix I

## 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 office visits: National Ambulatory Medical Care Survey, 1989.

Estimated number of office visits (x 1000)	Specialty Group*				
	All	A	B	C	D
100 -----	69.7	55.7	50.5	32.3	61.8
200 -----	49.4	39.8	36.6	24.8	44.6
300 -----	40.4	32.8	30.6	21.6	37.1
400 -----	35.0	28.6	27.1	19.9	32.7
500 -----	31.4	25.8	24.7	18.8	29.7
700 -----	26.6	22.2	21.8	17.4	26.0
1,000 -----	22.4	19.0	19.2	16.3	22.7
2,000 -----	16.1	14.5	15.8	14.9	18.3
5,000 -----	10.6	10.9	13.3	14.0	14.9
10,000 -----	8.0	9.4	12.4	13.7	13.7
50,000 -----	5.1	8.0	11.5	13.5	12.5
100,000 -----	4.6	7.8	11.4	13.4	12.4
690,000 -----	4.1				

\* All Specialties.....(30% R.S.E. = 549,000)

\* A. General and Family Practice.....(30% R.S.E. = 362,000)

\* B. Pediatrics and OBG.....(30% R.S.E. = 313,000)

\* c. General Surgery, Orthopedic Surgery, Cardiovascular Diseases, Psychiatry, Urology, Dermatology, Neurology, Ophthalmology, Otolaryngology, and Doctors of Osteopathy.....(30% R.S.E. = 121,000)

\* D. Internal Medicine and "other" specialties.....(30% R.S.E. = 490,000)

Example of use of table: An aggregate estimate of 2 million visits to a dermatologist has a relative standard error of 14.9%, or a standard error of 298,000 visits (14.9 percent of 2 million).

## 1989 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

## REASON FOR VISIT CLASSIFICATION TABULAR LIST

<u>Module</u>	<u>Code Number</u>
SYMPTOM MODULE	
General Symptoms	1001-1099
Symptoms Referable to Psychological and Mental Disorders	1100-1199
Symptoms Referable to the Nervous System (excluding sense organs)	1200-1259
Symptoms Referable to the Cardiovascular and Lymphatic Systems	1260-1299
Symptoms Referable to the Eyes and Ears	1300-1399
Symptoms Referable to the Respiratory System	1400-1499
Symptoms Referable to the Digestive System	1500-1639
Symptoms Referable to the Genitourinary System	1640-1829
Symptoms Referable to the Skin, Nails, and Hair	1830-1899
Symptoms Referable to the Musculoskeletal System	1900-1999
DISEASE MODULE	
Infective and Parasitic Diseases	2001-2099
Neoplasms	2100-2199
Endocrine, Nutritional, and Metabolic Diseases	2200-2249
Diseases of the Blood and Blood-Forming Organs	2250-2299
Mental Disorders	2300-2349
Diseases of the Nervous System	2350-2399
Diseases of the Eye	2400-2449
Diseases of the Ear	2450-2499
Diseases of the Circulatory System	2500-2599
Diseases of the Respiratory System	2600-2649
Diseases of the Digestive System	2650-2699
Diseases of the Genitourinary System	2700-2799
Diseases of the Skin and Subcutaneous Tissue	2800-2899
Diseases of the Musculoskeletal System and Connective Tissue	2900-2949
Congenital Anomalies	2950-2989
Perinatal Morbidity and Mortality Conditions	2990-2999
DIAGNOSTIC, SCREENING AND PREVENTIVE MODULE	
General Examinations	3100-3199
Special Examinations	3200-3299
Diagnostic Tests	3300-3399
Other Screening and Preventive Procedures	3400-3499
Family Planning	3500-3599



Family Planning	3500-3599
TREATMENT MODULE	
Medications	4100-4199
Preoperative and Postoperative Care	4200-4299
Specific Types of Therapy	4400-4499
Specific Therapeutic Procedures	4500-4599
Medical Counseling	4600-4699
Social Problem Counseling	4700-4799
Progress Visit, NEC	4800-4899
INJURIES AND ADVERSE EFFECTS MODULE	
Injury by Type and/or Location	5001-5799
Injury, NOS	5800-5899
Poisoning and Adverse Effects	5900-5999
TEST RESULTS MODULE	6100-6700
ADMINISTRATIVE MODULE	7100-7140
UNCODABLE ENTRIES	8990-8999

## SYMPTOM MODULE

## GENERAL SYMPTOMS (1001-1099)

- 1005.0 Chills
- 1010.0 Fever
  - Includes:
    - High temperature
- 1015.0 Tiredness, exhaustion
  - Includes:
    - Fatigue
    - No energy
    - Run down
    - Worn out
- 1020.0 General weakness
- 1025.0 General ill feeling
  - Includes:
    - Not feeling well
    - Multiple complaints
    - Diffuse Cx
    - Malaise
    - Illness, NOS
    - Sick, NOS
- 1030.0 Fainting (syncope)
  - Includes:
    - Blacking out
    - Passing out
    - Fainting spells
  - Excludes:
    - Unconsciousness (5840.0)
- 1035.0 Symptoms of fluid abnormalities
  - 1035.1 Edema
    - Includes:
      - Bloated
      - Holding water
      - Swollen with water
      - Dropsy
      - Ankles swelling (both)
    - Excludes:
      - Swelling of one ankle (1930.5)
  - 1035.2 Excessive sweating, perspiration
  - 1035.3 Excessive thirst
- 1040.0 Weight gain
  - Includes:
    - Obesity
    - Overweight
    - Too fat
  - Excludes:
    - Counseling for weight problem (4600.0)
- 1045.0 Weight loss
  - 1045.1 Recent weight loss
  - 1045.2 Underweight

- 1050.0 Chest pain and related symptoms (not referable to a specific body system)
  - 1050.1 Chest pain
    - Excludes:
      - Heart pain (1265.0)
  - 1050.2 Chest discomfort, pressure, tightness
  - 1050.3 Burning sensation in the chest
- 1055.0 Pain, site not referable to a specific body system
  - Includes:
    - Buttock pain
    - Gluteal pain
    - Perineal pain
  - Excludes:
    - Chest pain (1050.1)
    - Abdominal pain (see 1550.1-1550.3)
  - 1055.1 Rib pain
  - 1055.2 Side pain, flank pain
  - 1055.3 Groin pain
    - Includes:
      - Pubic pain
  - 1055.4 Facial pain
    - Includes:
      - Jaw pain
      - Pain over eye
- 1060.0 Pain and related symptoms, generalized, site unspecified
  - 1060.1 Pain, unspecified
    - Includes:
      - Ache all over
  - 1060.2 Cramps, spasms, site unspecified
    - Excludes:
      - Menstrual cramps (1745.2)
  - 1060.3 Stiffness, site unspecified
- 1065.0 Tumor or mass, site unspecified
- 1070.0 Bleeding, site unspecified
- 1075.0 Symptoms of growth and developmental disorders
  - 1075.1 Lack of growth
    - Includes:
      - Failure to thrive
      - Slowness, physical
      - Too short
      - Immaturity, physical
      - Poor weight gain
  - 1075.2 Excessive growth
    - Includes:
      - Too tall
      - Too big for age
      - Development, early (physical)
- 1080.0 General Symptoms of infants, NEC
  - 1080.1 Crying too much, fussy, fidgety, irritable
  - 1080.2 Regurgitation, spitting up
    - Excludes:
      - Vomiting (1530.0)
  - 1080.3 Feeding problem
- 1085.0 General or unspecified nonviral infection
  - Includes:
    - Infection, NOS

- 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 to 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

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 (1580.0)
- 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
    - Bloated, 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)

- 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  
 1915.0 Hip symptoms  
 1920.0 Leg symptoms  
 1925.0 Knee symptoms  
 1930.0 Ankle symptoms  
 1935.0 Foot and toe symptoms  
 1940.0 Shoulder symptoms  
 1945.0 Arm symptoms  
 1950.0 Elbow symptoms  
 1955.0 Wrist symptoms  
 1960.0 Hand and finger symptoms  
 1965.0 Symptoms of unspecified muscles  
 1970.0 Symptoms of unspecified joints  
 1975.0 Musculoskeletal deformities  
     Excludes:  
     Clubfoot (2960.0)  
     Curvature of spine (2910.0)  
 1975.1 Bowlegged, knock-kneed  
 1975.2 Posture problems  
 1975.3 Pigeon-toed, feet turn in  
 1980.0 Other musculoskeletal symptoms  
     Includes:  
     Bone pain  
     Stump pain

## DISEASE MODULE

## INFECTIVE AND PARASITIC DISEASES (2001-2099)

- 2005.0 Intestinal infectious diseases  
Includes:  
Gastroenteritis  
Enteritis  
Cholera  
Salmonella  
Dysentery
- 2010.0 Streptococcal infection  
Includes:  
Streptococcal tonsillitis  
Scarlet fever
- 2015.0 Viral diseases  
Includes:  
Chickenpox  
Shingles (Herpes zoster)  
Herpes simplex  
Measles  
German measles (rubella)  
Mumps  
Infectious mononucleosis  
Hepatitis (infectious and NOS)  
Smallpox  
Poliomyelitis  
Verruca
- 2015.1 Human immunodeficiency virus (HIV) with associated conditions  
Includes:  
Acquired immunodeficiency syndrome  
AIDS  
AIDS-like syndrome  
AIDS-related complex  
ARC
- 2015.2 History of positive serological or viral culture findings for human immunodeficiency virus (HIV) without associated conditions  
Includes:  
HIV positive  
Excludes:  
Results, follow-up of test for HIV (6106.0)
- 2020.0 Venereal diseases  
Includes:  
Syphilis  
Gonorrhea  
Venereal diseases, NOS
- 2025.0 Fungus infections (mycoses)  
Includes:  
Candidiasis  
Yeast infection  
Moniliasis  
Dermatophytoses  
Athlete's foot  
Ringworm  
Thrush  
Tinea

- 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

## DISEASES OF THE NERVOUS SYSTEM (2350-2399)

- 2350.0 Multiple sclerosis
- 2355.0 Parkinson's disease (paralysis agitans)
- 2360.0 Epilepsy
- 2365.0 Migraine headache



- 2370.0 Other diseases of central nervous system  
Includes:  
Carpal tunnel syndrome  
Bell's palsy  
Cerebral palsy  
Demyelinating disease  
Paralysis, NOS  
Meningitis  
Muscular dystrophy  
Morton's neuroma  
Myastheniã gravis

## DISEASES OF THE EYE (2400-2449)

- 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)

- 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 (PVCs)  
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)

- 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

## DISEASES OF THE DIGESTIVE SYSTEM (2650-2699)

## 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)

## 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)

- 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)

- 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)

- 2990.0 All perinatal conditions.

## DIAGNOSTIC, SCREENING, AND PREVENTIVE MODULE

## GENERAL EXAMINATIONS (3100-3199)

- 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 examination (7140.0)

## SPECIAL EXAMINATIONS (3200-3299)

- 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)

- 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)

- 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)

- 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)

## 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)

## PREOPERATIVE AND POSTOPERATIVE CARE (4200-4299)

## 4200.0 Preoperative visit for specified and unspecified types of surgery

## Includes:

- Discussion of cosmetic surgery

## 4205.0 Postoperative visit

## Includes:

- Postop care
- Postop pain
- Postop suture removal
- Check surgical wound

## SPECIFIC TYPES OF THERAPY (4400-4499)

## 4400.0 Physical medicine and rehabilitation

## Includes:

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

## 4405.0 Respiratory therapy

## Includes:

- Inhalation therapy
- Asthma treatment

## 4410.0 Psychotherapy

## Includes:

- Group therapy
- Psychoanalysis

## 4415.0 Radiation therapy

## 4420.0 Acupuncture

## 4425.0 Chemotherapy

## SPECIFIC THERAPEUTIC PROCEDURES (4500-4599)

## 4500.0 Tube insertion

## Includes:

- Chest tube
- Bad tube

- 4505.0     Cauterization, all sites
- 4510.0     Urinary tract instrumentation and catheterization
  - Includes:
    - Urethral dilation
  - Excludes:
    - Cystoscopy [see Diagnostic endoscopies (3330.0)]
- 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)
- 4520.0     Minor surgery
  - Includes:
    - Ears pierced
    - Joint manipulation
    - Tattoo removal
  - 4520.1     Wart removed
- 4525.0     Kidney dialysis
- 4530.0     External prosthetic devices, artificial body parts (fit, adjust, remove)
- 4535.0     Corrective appliances
  - Includes:
    - Fitting and adjusting:
      - Back brace
      - Leg brace
      - Neck brace
      - Orthopedic shoes
- 4540.0     Cast, splint - application, removal
- 4545.0     Dressing, bandage - application, change
- 4550.0     Irrigation, lavage
- 4555.0     Suture - insertion, removal
- 4560.0     Other specific therapeutic procedures, NEC
  - Includes:
    - Ultraviolet treatment
    - Enema
    - Eye exercises
    - Cryotherapy
    - Wound care, NOS

#### MEDICAL COUNSELING (4600-4699)

- 4600.0     Diet and nutritional counseling
  - Includes:
    - Check weight
    - Counseling for weight reduction
- 4604.0     Human immunodeficiency virus (HIV) counseling
  - Includes:
    - AIDS counseling
    - 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

## SOCIAL PROBLEM COUNSELING (4700-4799)

## 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 girlfriend  
                Problems of aging

## PROGRESS VISIT, NEC (4800-4899)

- 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  
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 (2015.2)
- 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  
 7100.1 Physical examination required for employment  
 Includes:  
 . Preemployment examination  
 Required company physical  
 Return to work checkup  
 Teacher's certificate physical  
 7100.2 Executive physical examination  
 7100.3 Physical examination required for school  
 Includes:  
 High school  
 Nursery school  
 College  
 Grade school  
 Day care center  
 7100.4 Physical examination for extracurricular  
 activities  
 Includes:  
 Boy Scouts or Girl Scouts  
 Little League  
 Camp  
 Athletics  
 7120.0 Driver's license examination  
 7125.0 Insurance examination  
 7130.0 Disability examination  
 Includes:  
 Evaluation of disability  
 Social Security examination  
 7135.0 Premarital examination  
 7135.1 Premarital blood test  
 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

#### UNCODABLE ENTRIES

- 8990.0 Problems, complaints, NEC  
 8997.0 Entry of "none" or "no complaint"  
 Includes:  
 Asymptomatic  
 8998.0 Inadequate data base  
 8999.0 Illegible entry

99999 ILLEGIBLE  
99980 OTHER  
00010 A AND D  
00025 A.D.C. VITAMIN DROPS  
00095 A.P.L.  
00100 A.S.A.  
00110 A.S.A. COMPOUND  
00163 A/T/S  
00220 ACCURBRON  
00223 ACCUTANE  
00250 ACETA W/CODEINE  
00260 ACETAMINOPHEN  
00305 ACETIC ACID  
00340 ACHROMYCIN  
60030 ACHROMYCIN OPHTHALMIC  
00345 ACHROMYCIN V  
00355 ACI-JEL  
00385 ACIDULIN  
60035 ACLOVATE  
00400 ACNE-AID  
00455 ACTH  
00475 ACTIFED  
00480 ACTIFED-C  
60040 ADALAT  
00510 ADAPIN  
00540 ADIPEX  
00560 ADRENALIN  
00570 ADRIAMYCIN  
00590 ADSORBONAC  
60065 ADSORBONAC OPHTHALMIC  
00597 ADVIL  
00598 AEROBID  
00615 AEROSEB-HC  
00645 AFRIN  
00685 AKINETON  
00740 ALBALON-A  
00825 ALDACTAZIDE  
00830 ALDACTONE  
00835 ALDOCLOR  
00845 ALDOMET  
00850 ALDORIL  
00903 ALKALINIZING AGENT  
00905 ALKALOL  
00925 ALLBEE  
00935 ALLBEE W/C  
00979 ALLERGINE  
00980 ALLERGY RELIEF DR SHOTS  
01030 ALLOPURINOL  
01090 ALPHA-KERI  
60070 ALPHA-TREX

01100 ALPHADERM  
01255 ALUPENT  
01270 ALUSIL  
01290 AMANTADINE  
01305 AMBENYL  
60075 AMBENYL EXPECTORANT  
01325 AMEN  
01335 AMERICAINE  
01420 AMINO-CERV  
01450 AMINOPHYLLINE  
01530 AMITRIPTYLINE  
01565 AMMONIATED MERCURY  
01630 AMOXICILLIN  
01635 AMOXICILLIN TRIHYDRATE  
01640 AMOXIL  
01670 AMPHOJEL  
01685 AMPICILLIN  
01725 AMYTAL  
01755 ANACIN  
01775 ANALGESIC  
01780 ANALGESIC BALM  
01825 ANANASE  
01835 ANAPHYLATIC SHOCK DRUG KIT  
01838 ANAPROX  
01840 ANASPAZ  
01850 ANATUSS  
01865 ANCEF  
01995 ANEXSIA  
02053 ANOREXIC AGENT  
02070 ANSPOR  
02075 ANTABUSE  
02080 ANTACID  
02122 ANTI ACID NO. 1  
02150 ANTI-TUSS  
02125 ANTIACID  
02157 ANTIANEMIA AGENT  
02158 ANTIBIOTIC AGENT  
35410 ANTICONVULSANT AGENT  
35420 ANTIDIABETIC AGENT  
35425 ANTIDIARRHEAL AGENT  
35445 ANTIFUNGAL AGENT  
35450 ANTIHISTAMINE  
35455 ANTIINFECTIVE AGENT  
35460 ANTIINFLAMMATORY AGENT  
02180 ANTIMINTH  
02220 ANTISPAS  
02225 ANTISPASMODIC  
35505 ANTITUBERCULAR AGENT  
02250 ANTIVERT  
02285 ANTURANE

02310 ANUSOL  
02315 ANUSOL-HC  
02340 APAP W/CODEINE  
02395 APRESAZIDE  
02405 APRESOLIN  
02470 AQUAPHOR  
41975 AQUATAR  
02510 AQUATENSEN  
02575 ARISTOCORT  
02580 ARISTOCORT A  
02585 ARISTOCORT FORTE  
02595 ARISTOCORT INTRALESIONAL  
02615 ARISTOSPAN  
02625 ARLIDIN  
02627 ARMOUR THYROID  
02645 ARTANE  
02705 ASCORBIC ACID  
02725 ASCRIPTIN  
41980 ASCRIPTIN A/D  
02748 ASENDIN  
02805 ASPIRIN  
02850 ASTHMACON  
02855 ASTRING-D-SOL  
02875 ATARAX  
02900 ATIVAN  
02925 ATROMID-S  
02940 ATROPINE  
02944 ATROPINE BUFOPTO  
02950 ATROPINE SULFATE  
02982 ATROVENT  
60115 AUGMENTIN  
02987 AUGMENTIN 125  
60120 AUGMENTIN 250  
60125 AUGMENTIN 500  
02995 AURALGAN  
03000 AURASOL  
03040 AVC  
03050 AVEENO  
03070 AVENTYL HCL  
03095 AVP-NATAL-FA  
03101 AXID  
03110 AXOTAL  
03115 AYR SALINE MIST  
03117 AZACTAM  
03123 AZATHIOPRINE  
40170 AZMA-CORT  
03135 AZO GANTANOL  
03140 AZO GANTRISIN  
03225 AZULFIDINE  
03250 B COMPLEX

DRUG ENTRY NAMES AND CODES

03285 B COMPLEX W/B-12  
 03355 B-12  
 03233 B-13  
 03395 BACID  
 03410 BACITRACIN  
 60150 BACITRACIN OPTHALMIC  
 03423 BACLOFEN  
 35530 BACTINE  
 03430 BACTRIM  
 03435 BACTRIM DS  
 03438 BACTROBAN  
 03445 BAKER'S BEST HAIR LOTION  
 03485 BALNETAR  
 03510 BANALG LINIMENT  
 03635 BASALJEL  
 03645 BASIS SOAP  
 40185 BAYER ASPIRIN  
 03685 BCG VACCINE  
 03705 BECLOVENT  
 03709 BECONASE  
 03743 BEE STING ANTIVENIN  
 03740 BEELITH  
 03800 BELLADONNA  
 03825 BELLADONNA W/PHENOBARBITAL  
 03840 BELLALPHEN  
 03845 BELLERGA  
 03850 BELLERGA-S  
 03880 BEMEX  
 03900 BEN GAY  
 03905 BENADRYL  
 03955 BENEMID  
 04000 BENTYL  
 60170 BENYLIN DECONGESTANT COUGH FORMULA  
 04010 BENYLIN DM COUGH SYRUP  
 04015 BENYLIN SYRUP  
 04020 BENZAC  
 04025 BENZAC W GEL  
 04030 BENZAGEL  
 60175 BENZAMYCIN  
 04085 BENZOYL  
 04088 BENZOYL PEROXIDE  
 60180 BENZTROPINE MESYLATE  
 04100 BEROCCA  
 04188 BETA-VAL  
 04120 BETADINE  
 04130 BETADINE VAGINAL DOUCHE  
 04135 BETADINE VAGINAL GEL  
 60185 BETAGAN LIQUIFILM  
 04190 BETHANECHOL  
 60205 BETOPTIC

04230 BICHLORACETIC ACID  
 04235 BICILLIN  
 04240 BICILLIN C-R  
 04245 BICILLIN LONG-ACTING  
 04355 BIOZYME  
 04470 BLEACHING PEROXIDE 20 VOLUME  
 04478 BLEOMYCIN  
 04480 BLEPH  
 04485 BLEPHAMIDE  
 04511 BLOCADREN  
 04515 BLUBORO  
 04580 BONINE  
 04585 BONTRIL PDM  
 04595 BORIC ACID  
 60225 BORIC ACID OPTHALMIC  
 50000 BRETHAIRE  
 04650 BRETHINE  
 04660 BREVICON  
 04668 BREXIN  
 04803 BROMFED  
 04808 BROMOCRIPTINE  
 05010 BUFFERIN  
 05024 BUMEX  
 60270 BUSPAR  
 05085 BUTAL  
 40250 BUTALBITAL/ASPIRIN/CAFFEINE  
 05110 BUTAZOLIDIN  
 05115 BUTAZOLIDIN ALKA  
 05145 BUTISOL  
 05250 CAFERGOT  
 05255 CAFERGOT P-B  
 05538 CAL-SUP  
 05310 CALADRYL  
 05320 CALAMINE  
 05335 CALAMINE LOTION  
 05340 CALAMINE LOTION W/PHENOL  
 05347 CALAN  
 05350 CALCEE  
 05355 CALCET  
 05390 CALCIMAR  
 05415 CALCIUM  
 05405 CALCIUM CARBONATE  
 05430 CALCIUM GLUCONATE  
 05445 CALCIUM LACTATE  
 05465 CALCIUM-D  
 60285 CALEL-D  
 05510 CALMOL 4  
 05555 CAMALOX  
 05570 CAMPHOR  
 05598 CANTHARONE

05645 CAPITROL  
 05648 CAPOTEN  
 60290 CAPOZIDE  
 41875 CAPTOPRIL  
 05663 CARAFATE  
 05670 CARBACEL  
 05675 CARBACHOL  
 05680 CARBAMAZEPINE  
 05695 CARBOCAINE  
 05720 CARBONIS DETERGENS USP  
 05758 CARDIAC AGENT  
 05760 CARDILATE  
 05785 CARDIOQUIN  
 05789 CARDIZEM  
 05810 CARISOPRODOL  
 05820 CARMOL  
 05825 CARMOL-HC  
 05883 CASTELLANI'S PAINT  
 05895 CATAPRES  
 05955 CECLOR  
 05995 CEFAZOLIN  
 05990 CEFOL  
 05993 CEFTIN  
 06005 CELESTONE  
 06010 CELESTONE PHOSPHATE  
 06015 CELESTONE SQLUSPAN  
 06050 CENAFED  
 06095 CENTRAX  
 06100 CENTRUM  
 06110 CEPACOL  
 06120 CEPASTAT  
 06125 CEPHALEXIN  
 06128 CEPHALOSPORINS  
 06133 CEPHRADINE  
 06170 CERUMENEX  
 06175 CERYLIN  
 06210 CETAPHIL  
 06215 CETAPRED  
 06294 CHEMOTHERAPY  
 40335 CHEMSTRIP UGK  
 06400 CHLOR-TRIMETON  
 06405 CHLOR-TRIMETON DECONGESTANT  
 06415 CHLOR-TRIMETON REPETAB  
 06420 CHLOR-TRIMETON SYRUP  
 06430 CHLORAFED  
 06440 CHLORAL HYDRATE  
 06455 CHLORAMBUCIL  
 06465 CHLORAMPHENICOL  
 06470 CHLORASEPTIC  
 06485 CHLORASEPTIC GEL



06495 CHLORDIAZEPOXIDE  
06520 CHLOROFON-F  
06535 CHLOROMYCETIN  
06570 CHLOROPTIC  
06580 CHLOROQUINE  
06590 CHLOROTHIAZIDE  
06605 CHLORPHENIRAMINE  
06620 CHLORPROMAZINE  
06625 CHLORPROPAMIDE  
06645 CHLORTHALIDONE  
06695 CHOLEDYL  
06705 CHOLESTEROL  
06710 CHOLESTYRAMINE RESIN DRIED  
06748 CHOLYBAR  
06780 CHROMAGEN  
06800 CHRONULAC SYRUP  
40383 CHYMODIACTIN  
06815 CIMETIDINE  
06838 CINOBAC PULVULE  
06839 CIPRO  
06860 CITRATE OF MAGNESIA  
60325 CITRUCEL  
06883 CLAFORAN  
06905 CLEOCIN  
06913 CLEOCIN T  
06920 CLINDAMYCIN  
06930 CLINDEX  
06935 CLINORIL  
06975 CLOMID  
06980 CLONAZEPAM  
06985 CLONIDINE  
07003 CLOTRIMAZOLE  
60335 CLOXACILLIN  
07045 CO-APAP  
60340 CO-GESIC  
07075 COAL TAR  
07180 CODEINE  
07200 CODIMAL DH SYRUP  
07205 CODIMAL DM SYRUP  
07250 COGENTIN  
07265 COLACE  
07270 COLBENEMID  
07275 COLCHICINE  
07293 COLD RELIEF  
07300 COLD TABLET  
07313 COLDRINE  
07315 COLESTID  
07405 COLY-MYCIN  
07410 COLY-MYCIN S  
07435 COMBIPRES

07440 COMBISTIX  
07458 COMFORT DROPS  
07465 COMHIST  
07470 COMPAZINE  
07503 CONDRIN-LA  
07535 CONHIST  
07543 CONJUGATED ESTROGENS  
07553 CONSTANT-T  
04368 CONTRACEPTIVE AGENT  
60370 CORDARONE  
07660 CORDRAN  
07670 CORGARD  
07730 CORRECTIVE MIXTURE  
07755 CORTAID  
07770 CORTENEMA  
07775 CORTICAINE  
07793 CORTISOL  
07795 CORTISONE  
07800 CORTISPORIN  
60385 CORTISPORIN OPHTHALMIC  
40445 CORZIDE  
07875 COTAZYM  
07905 COTUSSIS SYRUP  
07910 COTYLENOL  
07913 COUGH FORMULA  
07920 COUGH SYRUP  
07930 COUMADIN  
07980 CP2  
08015 CROMOLYN  
08060 CUPRIMINE  
08090 CYANOCOBALAMIN  
08130 CYCLAPEN  
08135 CYCLOCORT  
08140 CYCLOGYL  
08150 CYCLOPAR  
40455 CYCLOPENTOLATE  
08153 CYCLOPHOSPHAMIDE  
08163 CYCRIN  
08175 CYLERT  
08180 CYPROHEPTADINE  
08205 CYSTOSPAZ  
40460 CYT-O-TEC  
08213 CYTADREN  
08230 CYTOMEL  
08240 CYTOSAR  
08245 CYTOXAN  
08270 D.H.E. 45  
08345 DACRIOSE  
08368 DALALONE  
08385 DALLERGY

08390 DALMANE  
08395 DALOLONE  
08397 DAMASON-P  
08400 DANAZOL  
08410 DANOCRINE  
08420 DANTRIUM  
08440 DAPSONE  
08470 DARVOCET-N  
08475 DARVON  
08480 DARVON COMPOUND  
08490 DARVON-N  
08535 DDAVP  
08560 DEBRISAN  
08565 DEBROX  
08570 DECA-DURABOLIN  
08575 DECADERM  
08585 DECADRON  
08590 DECADRON ELIXIR  
08595 DECADRON PHOSPHATE  
08608 DECADRON TURBINAIRE  
08605 DECADRON-LA  
08660 DECONAMINE  
08670 DECONGESTANT  
08690 DECONGESTCAPS  
08705 DEHIST  
08720 DELADUMONE  
08730 DELATESTRYL  
08745 DELESTROGEN  
08753 DELSYM  
08770 DELTASONE  
08780 DEMEROL  
08795 DEMI-REGROTON  
08805 DEMULEN  
08810 DEMULEN-28  
08835 DEPAKENE  
08836 DEPAKOTE  
08840 DEPEN  
08860 DEPO-ESTRADIOL  
08865 DEPO-MEDROL  
08870 DEPO-PROVERA  
08875 DEPO-TESTADIOL  
08880 DEPO-TESTOSTERONE  
60400 DEPONIT  
08955 DERMACORT  
09000 DERMOPLAST  
09020 DESIPRAMINE  
09025 DESITIN  
09033 DESOWEN  
09035 DESOXYCORTICOSTERONE  
09040 DESOXYN

09043	DESQUAM-E	09900	DIPHThERIA TETANUS TOXOIDS	10855	DYPAP ELIXIR
09045	DESQUAM-X	09990	DIPHThERIA TETANUS TOXOIDS PERTUSSIS	10865	DYRENIUM
09050	DESQUAM-X WASH	09993	DIPHThERIA TOXOID	10875	E.E.S.
40520	DESYREL	09905	DIPHThERIA TOXOID ADULT	11553	E.P. MYCIN
60405	DEXACIDIN	40615	DIPROLENE	10905	E-MYCIN
09075	DEXAMETHASONE	09915	DIPROSONE	10910	E-PILO
09080	DEXAMETHASONE ACETATE	09920	DIPYRIDAMOLE	10925	EAR DROPS
09120	DEXEDRINE	09925	DISALCID	10948	EASPRIN
09130	DEXONE	09995	DITROPAN	10970	ECONOPRED
09155	DEXSONE L.A.	10005	DIULO	10975	ECOTRIN
09173	DEXTROMETHORPHAN COUGH	10015	DIUPRES	10985	EDECRIN
09175	DEXTROSE	10020	DIURETIC	11025	EFUDEX
09193	DHS SHAMPOO	10025	DIURIL	11065	ELAVIL
60435	DHS ZINC	10048	DOB OIL	11100	ELDERTONIC ELIXIR
42245	DI-GESIC	10086	DOCUATE SODIUM W/CASANTHRANOL	11115	ELDOPAQUE
40580	DIABETA	10087	DOCUSATE	11120	ELDOQUIN
09250	DIABINESE	10126	DOLOBID	11140	ELIXOPHYLLIN
09290	DIALOSE	10130	DOLOPHINE	11152	ELOCON
09305	DIAMOX	10145	DOMEBORO	11190	EMETROL
09352	DIASORB	10150	DOMEBORO OTIC	11210	EMPIRIN
09370	DIAZEPAM	10180	DONATUSSIN	11230	EMPIRIN COMPOUND #3
09373	DIAZOXIDE	10200	DONNAGEL	11240	EMPIRIN COMPOUND W/CODEINE
09385	DIBENZYLIN	10205	DONNAGEL-PG	11250	EMPIRIN NO. #3
09395	DICAL-D	10210	DONNATAL	11260	EMPIRIN W/CODEINE
09433	DICLOXACILLIN	10213	DONNATAL NO.2	11325	ENDEP
09455	DICYCLOMINE	10215	DDNNAZYME	11340	ENDURON
09465	DIDREX	10254	DORCOL	11345	ENDURONYL
09475	DIENESTROL	10250	DORCOL PEDIATRIC COUGH SYRUP	11372	ENKAID
09500	DIETHYLSTILBESTROL	10255	DORIDEN	11390	ENSURE
09535	DIGITALIS	60485	DORYX	11395	ENTEX
09540	DIGITOXIN	10273	DOSS COMPOUND PLUS	11400	ENTOZYME
09545	DIGOXIN	10325	DOXEPIN	11433	ENZYME
40585	DIHYDROERGOTOXINE MESYLATE	10330	DOXIDAN	11525	EPIFRIN
09585	DILANTIN	10355	DOXYCYCLINE	11540	EPINEPHRINE
09590	DILANTIN W/PHENOBARBITAL	10380	DRAMAMINE	11548	EPIPEN
09593	DILATRATE	10485	DRIXORAL	11555	EPPY
09600	DILAUDID	10518	DRYSOL	11575	EPSOM SALT
09625	DILOR	10535	DTIC	11580	EQUAGESIC
09630	DILOR-G	10550	DUADACIN	11585	EQUANIL
09635	DIMACOL	10575	DULCOLAX	11615	ERGOCALCIFEROL
09650	DIMENTABS	10630	DUOFILM	11616	ERGOLOID MESYLATES
09660	DIMETANE	10650	DUOLUBE	11640	ERGOTAMINE
09665	DIMETANE ELIXIR	10755	DURAQUIN	11645	ERGOTRATE
09675	DIMETANE EXPECTORANT-DC	10760	DURATEARS	11658	ERY-TAB
09680	DIMETANE EXTENTAB	10800	DURICEF	11651	ERYC
09690	DIMETAPP	10805	DUVOID	60535	ERYCETTE
09815	DIPH TET TOXIOIDS	10810	DV	11653	ERYDERM
09850	DIPHENHYDRAMINE	10815	DYAZIDE	11654	ERYGEL
09880	DIPHENOXYLATE HCL & ATROPINE SULFATE	10835	DYMELOR	40725	ERYMAX
09895	DIPHThERIA ANTITOXIN	10845	DYNAPEN	11657	ERYPED

11667	ERYTHRO-RX	12490	FERROUS SULATE	13553	GLUCOTROL
11660	ERYTHROCIN	12510	FESTAL	13565	GLUTAMIC ACID
11665	ERYTHROMYCIN	12521	FIBERCON	13595	GLY-OXIDE
11668	ERYTHROMYCIN OPHTHALMIC	60595	FIORICET	60665	GLYCERIN
11680	ESERINE	12550	FIORINAL	13750	GOLD SODIUM THIOSULFATE
11688	ESGIC	12565	FIORINAL NO. 3	13765	GONIOSOL
11690	ESIDRIX	12570	FIORINAL W/CODEINE	13785	GRIFULVIN
11695	ESIMIL	12585	FLAGYL	13790	GRIS-PEG
11700	ESKALITH	12620	FLEET ENEMA	13795	GRISACTIN
11715	ESTAR	12635	FLEXERIL	13800	GRISEOFULVIN
11725	ESTINYL	12663	FLORICAL	13818	GUAIFED
11730	ESTIVIN	12665	FLORINEF	13835	GUAIFENESIN
11740	ESTRACE	12670	FLORONE	13858	GUIAPHED
60545	ESTRADERM	12695	FLUOGEN	13865	GUIATEX
11745	ESTRADIOL	60605	FLUOR-OP	13875	GUIATUSS
11765	ESTRATEST	12735	FLUORIDE	13930	GYNE-LOTRIMIN
11800	ESTROGEN	12763	FLUOROMETHOLONE	42433	GYNOGEN
40730	ESTROGENIC SUBSTANCE	12765	FLUOROPLEX	13999	HALCION
40735	ESTROGENS	12770	FLUOROURACIL	14000	HALDOL
11815	ESTRONE	12780	FLUPHENAZINE	14015	HALEY'S MO
11830	ESTRONE SUSPENSION	12810	FLURAZEPAM	14035	HALOG
11845	ESTROVIS	12830	FLUZONE	14040	HALOPERIDOL
11860	ETHAQUIN	12847	FML FORTE OPHTHALMIC	14045	HALOTESTIN
11880	ETHINYL ESTRADIOL	12845	FML LIQUIFILM	14050	HALOTEX
11920	ETRAFON	42380	FML-FORTE OPHTHALMIC	14080	HC
11945	EUCERIN	41860	FOLATE	41800	HCTZ
11960	EURAX	12865	FOLIC ACID	14090	HEAD & SHOULDERS
11965	EUTHROID	12955	FORMULA 44-D COUGH MIXTURE	14091	HEALON
12035	EXCEDRIN	12975	FOSFREE	14240	HEPARIN
11978	EXPECTORANT	12980	FOSTEX	14279	HEPTAVAX-B
12050	EXSEL LOTION	12998	FOTOTAR	14280	HEPTUNA PLUS
12055	EXTENDRYL	13045	FULVICIN	14380	HI B-COMPLEX W/C
60550	EYE DROPS	13096	FUNGOID	60695	HIB-IMUNE
12120	F-E-P	13100	FURACIN	60700	HIB-VAX
12140	FASTIN	13105	FURADANTIN	14415	HIBICLENS
12160	FEDAHIST	13118	FUROSEMIDE	14500	HISTALET
12193	FELDENE	13180	GAMULIN RH	14535	HISTAMINE
60560	FEMSTAT	13195	GANTANOL	14540	HISTAMINE PHOSPHATE
12245	FENOPROFEN	13200	GANTRISIN	14625	HMS
12255	FEOSOL	13205	GARAMYCIN	14645	HOMATROPINE
12260	FEOSOL ELIXIR	13220	GAVISCON	14683	HORMONE
12270	FEOSOL SPANSULE	13295	GELUSIL	14695	HOSPITAL RUB
12275	FEOSTAT	13310	GENOPTIC	14725	HUMORSOL
12285	FER-IN-SOL	40775	GENTACIDIN	14727	HUMULIN
12290	FERANCEE	13320	GENTAMICIN	41895	HUMULIN INSULIN
12300	FERGON	60640	GENTAMICIN OPHTHALMIC	14770	HYCODAN
12340	FERO-FOLIC-500	13325	GENTIAN VIOLET	14768	HYCODAPHEN
12415	FERRO-SEQUEL	13350	GEOCILLIN	14795	HYCOMINE
12465	FERROUS FUMARATE	13510	GG	14805	HYCOTUSS
12480	FERROUS GLUCONATE	13550	GLUCOSE	14810	HYDELTRA-T.B.A.

14820	HYDERGINE	15705	INTROPIN	16785	KONDREMUL
14840	HYDRALAZINE	15710	INULIN	16800	KONSYL
14875	HYDREA	15725	IODIDES TINCTURE	16820	KOROMEX
14900	HYDRO-CHLORO-THIAZIDE	15780	IONAMIN	16860	KUTAPRESSIN
14917	HYDROCET	15785	IONAX	16870	KWELL
14930	HYDROCHLOROTHIAZIDE	15790	IONIL	16895	L-THYROXINE
14945	HYDROCIL	15805	IOPIDINE	40908	L-TRYPTOPHANE
14955	HYDROCOCONONE	60760	IRIGATE ISOTONIC BUFFERED	16905	LABID
14960	HYDROCODONE SYRUP	15860	IROMIN-G	60795	LACHYDRIN
14903	HYDROCORT	15870	IRON PREPARATION	16915	LACRI-LUBE
14965	HYDROCORTISONE	15930	ISO-BID	16940	LACTIC ACID
14980	HYDROCORTONE	15980	ISOLLYL	16945	LACTICARE LOTION
14985	HYDRODIURIL	16005	ISOPHRIN	16950	LACTINEX
14990	HYDROGEN PEROXIDE	16020	ISOPROPYL ALCOHOL	60805	LACTRASE
15010	HYDROMOX	40905	ISOPTIN	16975	LACTULOSE
15035	HYDROPRES	16045	ISOPTO CARPINE	17010	LANAMINS
15040	HYDROQUINONE	16050	ISOPTO CETAMIDE	17113	LANOXICAPS
15090	HYDROXYUREA	16055	ISOPTO CETAPRED	17115	LANOXIN
15100	HYDROXYZINE	16095	ISORDIL	17150	LAROTID
15115	HYGROTON	16100	ISORDIL W/PHENOBARBITAL	17165	LASIX
15138	HYLOREL	16105	ISOSORBIDE	17243	LAXATIVE
41840	HYOSCINE	16195	K-C	17265	LECITHIN
15190	HYPER-TET	60775	K-DUR	17270	LEDERCILLIN VK
15220	HYPERSTAT I.V.	16210	K-LOR	17295	LENSINE
15240	HYPOTEARIS	41915	K-LYTE	17304	LENTE INSULIN SUSPENSION
15243	HYPOTENSIVE AGENT	16222	K-NORM	17320	LEUCOVORIN
15305	HYTONE	16255	K-PHOS NEUTRAL	17325	LEUKERAN
15307	HYTRIN	16268	K-TAB	60815	LEVLEN
15370	IBERET	16270	K-Y STERILE LUBRICATING JELLY	17340	LEVO-DROMORAN
15375	IBERET-FOLIC-500	16310	KANTREX	17365	LEVOTHROID
15395	IBUPROFEN	16325	KAOCHLOR	17370	LEVOTHYROXINE
15485	ILOPAN-CHOLINE	16360	KAON	17375	LEVSIN
15490	ILOSONE	16365	KAOPECTATE	17390	LEVSINEX
15495	ILOTYCIN	16405	KARAYA GUM	17395	LEVSINEX/PHENOBARBITAL
15515	IMFERON	16440	KAY CIEL	17440	LIBRAX
15520	IMIPRAMINE	16455	KAYEXALATE	17445	LIBRITABS
15535	IMMUGLOBIN	41850	KCL	17450	LIBRIUM
15540	IMMUNE SERUM GLOBULIN	16475	KEFLEX	17470	LIDA-MANTLE-HC
15545	IMODIUM	16482	KEFTAB	17475	LIDEX
15555	IMURAN	16485	KEFZOL	17485	LIDOCAINE
15575	INDERAL	16490	KELEX	17530	LIMBITROL
15580	INDERIDE	16505	KENALOG	17540	LINCOCIN
15590	INDOCIN	16520	KERALYT	17545	LINCOMYCIN
15600	INDOMETHACIN	16525	KERI	17548	LINDANE
15615	INFLAMASE	16535	KERODEX	17560	LIORESAL
60735	INFLUENZA VIRUS VACC	16635	KIE	17668	LIQUID PRED
15630	INH	60790	KLONOPIN	17670	LIQUIFILM
15665	INPERSOL	16728	KLOTRIX	17715	LITHIUM
15680	INSULIN	16735	KOATE	17725	LITHOBID
15685	INTAL	16765	KOMED	17735	LITHOTABS

17755 LIVER  
17760 LIVER, IRON & VITAMINS  
17825 LO/DVRAL  
17834 LOCID  
17835 LOCORTEN  
17840 LOESTRIN  
17865 LOMOTIL  
17875 LONITEN  
17883 LOPID  
17885 LOPRESSOR  
40950 LOPROX  
17889 LOPURIN  
17888 LORAZEPAM  
17890 LORELCO  
17925 LOTRIMIN  
60835 LOTRISONE  
17940 LOXAPINE  
17945 LOXITANE  
40955 LOZOL  
17975 LUBRIDERM  
17978 LUDIOMIL  
18000 LUFYLLIN-GG  
60845 LURIDE  
18020 LURIDE DROPS  
18080 M.V.I.  
18100 M-M-R  
18125 MAALOX  
18130 MACRODANTIN  
18190 MAGNESIUM CHLORIDE  
18205 MAGNESIUM OXIDE  
18295 MALTSUPEX  
18315 MANDELAMINE  
18345 MANNITOL  
18375 MARAX  
18380 MARAZIDE  
18395 MARCAINE  
18480 MATERNA  
18498 MAXAIR  
18515 MAXIDEX  
18518 MAXIFLOR  
18520 MAXITROL  
60875 MAXIVATE  
18523 MAXIDE  
18540 MEASLES VIRUS VACCINE  
18550 MEBARAL  
18553 MECLAN  
18555 MECLIZINE  
18558 MECLOMEN  
18625 MEDIHALER-ERGOTAMINE  
60885 MEDIPLAST PLASTERS

60890 MEDIPREN  
18640 MEDROL  
18643 MEDROXYPROGESTERONE  
18655 MEGACE  
18661 MEGAVITE-75  
18664 MELANEX  
18670 MELLARIL  
18745 MENTHOL  
18755 MEPERGAN  
18795 MEPROBAMATE  
60895 MERITAL  
18920 MESTINON  
18925 METAHYDRIN  
18930 METAMUCIL  
18935 METANDREN  
18950 METARAMINOL  
18985 METHADONE  
19025 METHAZOLAMIDE  
19045 METHERGINE  
19070 METHOCARBAMOL  
19090 METHOTREXATE  
19118 METHYLCLOTHIAZIDE  
19130 METHYL SALICYLATE  
19140 METHYLCELLULOSE  
19155 METHYLDOPA  
19160 METHYLENE BLUE  
19180 METHYLPREDNISOLONE  
19185 METHYLTESTOSTERONE  
19205 METIMYD  
19208 METOCLOPRAMIDE  
19218 METOPROLOL  
19231 METRO  
19233 METRONIDAZOLE  
19242 MEVACOR  
60920 MEXITIL  
19280 MICATIN  
19313 MICRO-K EXTENCAPS  
50035 MICRONASE  
19320 MICRONOR  
19337 MICROX  
19343 MIDAMOR  
19360 MIDRIN  
19375 MILK OF MAGNESIA  
19445 MINERAL OIL  
19455 MINIPRESS  
42705 MINIZIDE  
60925 MINIZIDE 1  
19460 MINOCIN  
19465 MINOCYCLINE  
19478 MINOXIDIL

19515 MISSION PRENATAL  
19525 MISSION PRENATAL H.P.  
19550 MITHRAMYCIN  
19568 MIXTARD  
19575 MOBAN  
19590 MOBISYL  
19605 MODICON  
19610 MODICUM  
60935 MODRASTANE  
19618 MODURETIC  
41865 MOM  
19635 MONISTAT  
42715 MONISTAT VAGINAL  
19640 MONISTAT 7  
42720 MONISTAT-DERM  
19644 MONO-GESIC  
19650 MORPHINE  
19673 MOTOFEN  
19675 MOTRIN  
19699 MS CONTIN  
19785 MULTI-VITAMIN  
19790 MULTI-VITES  
19815 MULTIPLE VITAMIN  
19825 MULTIPLE VITAMINS  
19840 MULTIVITAMIN  
19905 MUMPS VIRUS VACCINE LIVE  
19925 MURINE  
60955 MURO TEARS  
19940 MUROCEL  
19955 MUSTARGEN  
19995 MYADEC  
20005 MYAMEAD  
20010 MYCELEX  
20035 MYCITRACIN  
20055 MYCOLOG  
20060 MYCOSTATIN  
20075 MYDRIACYL  
20080 MYLANTA  
20095 MYLICON  
20105 MYOCHRYSINE  
20110 MYOFLEX  
20135 MYSOLINE  
20153 MYTRES  
60985 NA SAL  
20185 NAFTIN  
20190 NALDECON  
20200 NALDEATE SYRUP  
20210 NALFON  
20260 NAPHCN  
20270 NAPHCN-A

20285	NAPROSYN	21215	NOLAMINE	21800	ONCOVIN
20290	NAPROXEN	21218	NOLEX LA	61095	OPHTHAINE
20300	NAQUA	21225	NOLVADEX	21893	OPTICROM
20315	NARDIL	21245	NOR-Q.D.	21900	OPTIMINE
20320	NASAHIST	21270	NORAZINE	21925	ORABASE
41150	NASALCROM	21228	NORDETTE	21995	ORETIC
20338	NASALIDE	21278	NORETHIN	22015	ORGANIDIN
20360	NATABEC	21280	NORFLEX	22025	ORIMUNE POLIOVIRUS VAC LIVE ORAL
20385	NATAFORT	21290	NORGESIC	22030	ORINASE
20390	NATALINS	21300	NORINYL	22055	ORNADE
20395	NATALINS RX	21305	NORISODRINE	22065	ORPHENADRINE
20435	NAVANE	21330	NORLESTRIN	22080	ORTHO-CREME
20455	NEBCIN	21335	NORLUTATE	22085	ORTHO-GYNOL
20485	NEGATAN	42800	NORMAL. SALINE	22090	ORTHO-NOVUM
20490	NEGGRAM	21373	NORMODYNE	61100	ORUDIS
20505	NEMBUTAL	61040	NOROXIN	22110	OS-CAL
20555	NEO-MEDROL	21385	NOROXINE	22120	OS-CAL 500
20585	NEO-SYNALAR	21390	NORPACE	22160	OTIC DROPS
20595	NEO-SYNEPHRINE	21400	NORPRAMIN	41220	OTICAIR
20600	NEO-SYNEPHRINE II	21403	NORTRIPTYLIN	22180	OTOBIO TIC
20655	NEODECADRON	21425	NOVAFED	22200	OTRIVIN
20665	NEOFED	21430	NOVAFED A	22210	OVCON
20690	NEOMYCIN	21440	NOVAHISTINE	22215	OVRAL
20730	NEOSPORIN	21450	NOVAHISTINE DH	22233	OXACILLIN
42780	NEOSPORIN OPHTHALMIC	21465	NOVAHISTINE EXPECTORANT	22270	DXSORALEN
20765	NEOTHYLLINE-GG	21494	NOVANTRONE	22287	OXYBUTYNIN CHLORIDE
20805	NEPTAZANE	21500	NOVOCAIN	22315	OXYGEN
20835	NEUTRA-PHOS	61045	NOVOLIN	22338	OXYSTAT
20855	NEUTROGENA	41855	NPH INSULIN	22405	P&S
20885	NIACIN	21513	NTG	22435	P-V TUSSIN
20950	NICOBID	21515	NTZ	61130	PAIN RELIEVER
61025	NICORETTE	21550	NUBAIN	22520	PAMELOR
20980	NICOTINIC ACID	21555	NUCOFED	22630	PANCREASE
21020	NIFEREX-PN	21585	NUPERCAINAL	22670	PANMYCIN
21065	NILSTAT	61060	NUPRIN	22675	PANOXYL
21125	NITRO T.D.	21605	NUTRACORT	22740	PANWARFIN
21130	NITRO-BID	21610	NUTRADERM	22770	PAPAVERINE
21143	NITRO-DUR	21620	NUTRAMIGEN	22810	PARAFON FORTE
21137	NITROCINE	21670	NYQUIL	22825	PARASAL SODIUM
21144	NITRODISC	21695	NYSTATIN	22845	PAREGORIC
21155	NITROGEN	21700	NYSTATIN VAGINAL TABLET	22858	PARENTERAL NUTRITION/VIA FLEX
21160	NITROGLYCERIN	21723	OBCT S.R. CAPSULE	22860	PAREPECTOLIN
21165	NITROGLYN	21750	OCEAN MIST	22875	PARLODEL
21170	NITROL	42835	OCTICAIR	22885	PARNATE
21180	NITROSPAN	21753	OCUCLEAR	22890	PARSIDOL
21185	NITROSTAT	21754	OCUFEN	22945	PAVABID
21195	NITROUS OXIDE	41215	OCUTRICIN	23015	PBZ
21200	NIVEA	21765	OGEN	23047	PCE
61035	NIX	21775	OILATUM SOAP	23085	PEDAMETH
21203	NIZORAL	21795	OMNIPEN	61135	PEDIACARE

23100	PEDIACOF	23845	PHENOBARBITAL	24890	PREDNISONE
23120	PEDIALYTE	23870	PHENOBARBITAL ELIXIR	24950	PREMARIN
23125	PEDIAMYCIN	23935	PHENOL	24960	PREMARIN VAGINAL
61140	PEDIAPRED	23970	PHENTERMINE	24975	PRENATAL FORMULA (VITAMINS)
23135	PEDIATRIC COUGH SYRUP	24005	PHENYLBUATZONE	24980	PRENATAL STUART
23150	PEDIAZOLE	24015	PHENYLEPHRINE	24990	PRENATAMIN
23159	PEDIOTIC	24025	PHENYLPROPANOLAMINE	24995	PREPARATION H
23185	PEN-VEE K	24045	PHENYTOIN	25025	PRESUN
23210	PENICILLAMINE	24075	PHISODERM	25055	PRIMIDONE
23215	PENICILLIN	24080	PHISOHEX	25065	PRINCIPEN
23220	PENICILLIN G	61180	PHOSPHOLINE IODIDE	25078	PRINIVIL
23223	PENICILLIN PROCAINE	24140	PHRENILIN	25100	PRO-BANTHINE
23225	PENICILLIN V	24178	PILAGAN	25140	PROBEN-C
23230	PENICILLIN VK	24185	PILO	25150	PROBENECID
61145	PENNTUSS	24190	PILOCAR	25180	PROCAINAMIDE
61150	PENTAM 300	24195	PILOCARPINE	25185	PROCAINE
61160	PEPCID	24280	PLACEBO	25200	PROCAN SR
23370	PEPTO-BISMOL	24300	PLAQUENIL	25210	PROCARBAZINE
23385	PERCOCET-5	24355	PNEUMOVAX	25213	PROCARDIA
23390	PERCODAN	24365	PODOPHYLLIN	25243	PROCTOCREAM-HC
23415	PERDIEM GRANULE	24370	PODOPHYLLUM	25250	PROCTOFOAM
23420	PERESTAN	24390	POISON IVY EXTRACT	25255	PROCTOFOAM-HC
23430	PERI-COLACE	24400	POLARAMINE	25268	PROFAC-D
23440	PERIACTIN	24405	POLIOMYELITIS VACCINE	25305	PROGESTERONE
23490	PERITRATE	24478	POLY-PRED	25318	PROHIBIT
23500	PERMAPEN AQUEOUS SUSPENSION	24415	POLY-VI-FLOR	25330	PROLIXIN
23520	PERNOX	24420	POLY-VI-SOL	25338	PROLOPRIM
23521	PEROXYL	41310	POLY-VI-SOL W/IRON	25359	PROMETH W/COD
23525	PERSA-GEL	24445	POLYCITRA	25365	PROMETHAZINE
23535	PERSANTINE	24450	POLYCOSE	25395	PROMETHAZINE HCL EXPECTORANT
23540	PERSISTIN	24465	POLYMOX	25432	PROMETHAZINE W/CODEINE
23545	PERTINEX	24510	POLYSPORIN	25455	PRONESTYL
23560	PERTUSSIN	24535	POLYVITAMIN FLUORIDE	25459	PROPAC
23585	PETROLATUM	24545	PONDIMIN	25470	PROPANOLOL
23605	PFIZERPEN	24550	PONSTEL	25475	PROPANTHELINE
23610	PHAZYME	61200	POSTURE	25490	PROPHYLLIN
23645	PHEN-DIMETRAZINE	24595	POTABA	25493	PROPINE
23670	PHENAPHEN NO. 3	24650	POTASSIUM	25510	PROPOXYPHENE
23680	PHENAPHEN W/CODEINE	24640	POTASSIUM BROMIDE	25530	PROPOXYPHENE HCL W/ACETAMINOPHEN
23730	PHENCEN-50	24653	POTASSIUM CHLORIDE	42985	PROPRANOLOL
23745	PHENDIMETRAZINE	41330	PRAMASONE	25550	PROPYLENE GLYCOL
23755	PHENERGAN	24790	PRAMILET FA	25560	PROPYLTHIOURACIL
23765	PHENERGAN EXPECTORANT PLAIN	24795	PRAMOSONE	25585	PROSTIN
23770	PHENERGAN EXPECTORANT W/CODEINE	24803	PRAX LOTION	25608	PROTEXIN
23780	PHENERGAN SYRUP	24805	PRAZOSIN	25618	PROTOSTAT
23785	PHENERGAN VC EXPECTORANT PLAIN	24830	PRE-NATAL VITAMINS	25635	PROVAL
23790	PHENERGAN VC EXPECTORANT W/CODEINE	24850	PRED FORTE	25638	PROVENTIL
23798	PHENERGAN W/CODEINE	24855	PRED MILD	25640	PROVERA
23795	PHENERGAN-D	24880	PREDNICEN-M	25670	PROXIGEL
23792	PHENERGEN W/DEXTROMETHORPHAN	24885	PREDNISOLONE	25674	PROZAC

25675 PROZEX  
25680 PROZINE 50  
25695 PSEUDOEPHEDRINE  
25696 PSEUDOEPHEDRINE W/TRIPROLOIDINE  
61260 PSORCON  
25705 PSORIASIS CREAM  
41845 PTU  
35576 PURIFIED PORK INSULIN  
25760 PURPOSE  
25810 PYRIDIUM  
25825 PYRIDOXINE  
25890 P2E1  
25965 QUESTRAN  
25970 QUIBRON  
25995 QUIBRON-300  
26015 QUINAGLUTE  
26020 QUINAMM  
41390 QUINATIME  
26025 QUINE  
26030 QUINIDEX EXTENTAB  
26035 QUINIDINE  
26040 QUINIDINE SULFATE  
26043 QUININE & UREA  
26045 QUININE SULFATE  
61275 R & C  
26135 RAUDIXIN  
26185 RAUWOLFIA  
26190 RAUZIDE  
26250 REGITINE  
26255 REGLAN  
26265 REGROTON  
26320 RENACIDIN  
26335 RENESE  
26425 RESERPINE  
26453 RESTORIL  
26475 RETIN-A  
26477 RETROVIR  
26510 RHEUMATREX  
26665 RHUS TOX ANTIGEN  
26695 RID  
61290 RIDAURA  
26715 RIFAMPIN  
26740 RIOPAN  
26750 RIOPAN PLUS  
26760 RITALIN  
26785 ROBAXIN  
26790 ROBAXISAL  
26795 ROBICILLIN VK  
26825 ROBITET  
26830 ROBITUSSIN

26835 ROBITUSSIN A-C SYRUP  
26840 ROBITUSSIN-CF  
26845 ROBITUSSIN-CF SYRUP  
26850 ROBITUSSIN-DAC SYRUP  
26855 ROBITUSSIN-DM COUGH CALMERS  
26860 ROBITUSSIN-DM SYRUP  
26865 ROBITUSSIN-PE SYRUP  
26870 ROCALTRDL  
61295 ROCEPHIN  
26883 ROGAINE  
26890 ROLAIDS  
26930 RONDEC  
26935 RONDEC-DM  
41420 ROXANOL  
26975 RU-CORT  
27045 RU-TUSS  
27075 RUBELLA VIRUS VACCINE LIVE  
27103 RUFEN  
27130 RUTIN  
27155 RVP  
27190 RYNATAN  
27195 RYNATUSS  
27250 S-P-T  
27327 SALFLEX  
27340 SALICYLATE  
27345 SALICYLIC ACID  
27350 SALICYLIC ACID & SULFUR SOAP  
27355 SALICYLIC ACID SOAP  
27360 SALIGEL  
27368 SALINE  
27420 SALUTENSIN  
27440 SANSERT  
27459 SARNA  
27495 SASTID  
27512 SCABENE  
27545 SCOPOLAMINE  
27635 SEBULEX  
27650 SECONAL  
27660 SECSPAN  
61330 SECTRAL  
61340 SELDANE  
27725 SELENIUM  
27730 SELSUN  
27735 SELSUN BLUE  
27785 SENOKOT  
27816 SENSORCAINE  
27835 SEPTRA  
27840 SEPTRA DS  
27845 SER-AP-ES  
27855 SERAX

27865 SERENTIL  
27895 SERPASIL ELIXIR  
27948 SHUR-SEAL GEL  
27960 SIGTAB  
27985 SILVADENE  
27995 SILVER NITRATE  
28000 SILVER NITRATE TOUGHENED STICKS  
28080 SINEMET  
28085 SINEQUAN  
28100 SINGLET  
28145 SINULIN  
28155 SINUS  
28165 SINUTAB  
28350 SKELAXIN  
35580 SLO-BID  
28366 SLO-NIACIN  
28365 SLO-PHYLLIN  
28380 SLO-PHYLLIN SYRUP  
28382 SLOPRIN  
41470 SLOW FE  
28390 SLOW-K  
28391 SLOW-MAG  
28399 SMZ  
28490 SODIUM CARBONATE  
28495 SODIUM CHLORIDE  
28595 SODIUM FLUORIDE  
28620 SODIUM IODIDE  
41485 SODIUM L-THYROXINE  
28675 SODIUM SALICYLATE  
28683 SODIUM SULFACETAMIDE OPTH  
28695 SODIUM THIOSALICYLATE  
28734 SOLAQUIN  
28750 SOLBAR  
28755 SOLFOTON  
28760 SOLGANAL SUSPENSION  
28800 SOLU-MEDROL  
28825 SOMA  
28815 SOMA COMPOUND  
28820 SOMA COMPOUND W/CODEINE  
28840 SOMOPHYLLIN  
28920 SORBITRATE  
28940 SOTRADECOL  
41505 SPECTAZOLE  
29078 SPECTROBID  
29250 SPIRONOLACTONE  
61360 SPRX-105  
29275 SSKI  
29285 STADOL  
29328 STATICIN  
29365 STELAZINE



29435 STERAPRED  
29498 STERID(S)  
29505 STILBESTROL  
29533 STOOL SOFTENER  
29581 STRESS TABLETS  
41555 STRESSTABS W/ZINC  
29615 STUARTNATAL 1+1  
29675 SUCRETS  
29705 SUDAFED  
29760 SUFEDRIN  
29785 SULAMYD SODIUM  
29795 SULF-10  
29800 SULFA VAGINAL  
41565 SULFA-GYN  
29810 SULFACET-R LOTION  
29815 SULFACETAMID  
61385 SULFACETAMIDE SODIUM  
29825 SULFADIAZINE  
29860 SULFAPYRIDINE  
29865 SULFASALAZINE  
29895 SULFEM  
29900 SULFISOXAZOLE  
29925 SULFONAMIDES DUPLEX  
29945 SULFOXYL LOTION REGULAR  
29955 SULFUR  
29960 SULFUR & RESORCIN COMPOUND  
30010 SULPHUR  
30015 SULTRIN  
30035 SUMYCIN  
30050 SUNDOWN  
30030 SUNSCREEN  
30195 SURFAK  
30235 SURMONTIL  
61400 SUS-PHRINE  
30305 SYMMETREL  
30330 SYNALAR  
30335 SYNALGDS  
30340 SYNALGDS-DC  
30365 SYNEMOL  
30370 SYNKAYVITE  
30395 SYNTHROID  
32690 T.B. TINE TEST  
30468 T-STAT  
30472 T/SAL  
30475 TABRON  
30478 TAC-3  
30480 TACARYL  
30485 TACE  
30495 TAGAMET  
30513 TALACEN

30520 TALOIN  
30535 TALWIN  
61405 TAMBOCOR  
30553 TAMOXIFEN  
30565 TANNIC ACID  
30585 TAPAZOLE  
30590 TAR  
30630 TAVIST  
30650 TEARISOL  
30655 TEARS NATURALE  
30660 TEARS PLUS  
61425 TEC  
30670 TEDRAL  
61430 TEEV XX  
61435 TEGISON  
30725 TEGOPEN  
30730 TEGRETOL  
30740 TELDRIN  
30755 TEMARIL  
30756 TEMAZEPAM  
61440 TEMOVATE  
30760 TEMPRA  
61445 TEN-K  
30775 TENAX  
30777 TENEX  
30781 TENORETIC 100  
61450 TENORETIC 50  
30782 TENORMIN  
30785 TENSILON  
30790 TENUATE  
30795 TEPANIL  
30800 TERAZOL  
30805 TERBUTALINE  
30820 TERPIN HYDRATE  
30825 TERPIN HYDRATE & CODEINE ELIXIR  
30850 TERRAMYCIN  
30855 TERRAMYCIN W/POLYMYXIN B SULFATE  
30870 TES-TAPE  
30880 TESSALON PERLE  
30915 TESTOSTERONE  
30930 TESTOSTERONE ENANTHATE  
30955 TESTOSTERONE SUSPENSION  
30980 TESTRED  
31000 TETANUS ANTITOXIN  
31005 TETANUS DIPHTHERIA TOXOID  
31015 TETANUS TOXOID  
31020 TETRA  
31045 TETRACYCLINE  
31055 TETRACYN  
31085 TEXACORT

31110 THEELIN AQUEOUS SUSPENSION  
31120 THEO-DUR  
31130 THEO-LIX  
41610 THEO-24  
31175 THEODRINE  
31195 THEOKIN  
31200 THEOLAIR  
31210 THEOLIXIR  
31219 THEOPHENYLLINE  
31225 THEOPHYL  
31235 THEOPHYLLINE  
31245 THEOPHYLLINE ELIXIR  
31280 THEOZINE  
31318 THERA-GESIC BALM  
31325 THERAGRAN  
31330 THERAGRAN HEMATINIC  
31410 THERAVIT HEMATINIC  
31455 THIAMINE  
31543 THIORIDAZINE  
31525 THIOSULFIL FORTE  
31540 THIOTEPA  
31542 THIOTHIXENE  
31550 THORAZINE  
31600 THYMOL  
31620 THYRO-TERIC  
31630 THYROID  
41905 THYROXINE  
31655 TIGAN  
31659 TIMOLIDE  
31658 TIMOLOL  
31660 TIMOPTIC  
31670 TINACTIN  
31695 TINVER LOTION  
31723 TOBRADEX  
31725 TOBRAMYCIN  
31728 TOBEX OPHTHALMIC  
31740 TOFRANIL  
61475 TOLAZAMIDE  
31755 TOLBUTAMIDÉ  
31760 TOLECTIN  
31775 TOLINASE  
61490 TONOCARD  
31825 TOPIC  
61495 TOPICORT  
31830 TOPICORT EMOLLIENT  
31850 TORECAN  
61505 TORNALATE  
31927 TRANDATE  
31938 TRANSDERM-NITRO  
31939 TRANSDERM-SCOP

31945	TRANXENE	32685	TUBERCULIN PPD (HEAF)	33700	VASOCON
31970	TRAVASE	32680	TUBERCULIN TINE TEST	33705	VASOCON-A
31975	TRAVASOL	32710	TUCKS	33710	VASODILAN
31990	TRAVERT	32735	TUMS	33713	VASODILATOR
31997	TRAZODONE	32765	TUSAL	33735	VASOPRESSIN
32013	TRENTAL	32766	TUSS ADE	33750	VASOSULF
32017	TREXAN	32770	TUSS-ORNADE	61565	VASOTEC
32065	TRI-HYDROSERPINE	32775	TUSSADON T.D.	33780	VEETIDS
61515	TRI-LEVLEN	32805	TUSSAR	33800	VELBAN
41670	TRI-NORINYL	32800	TUSSAR DM	33805	VELOSEF
32140	TRI-VI-FLOR	32810	TUSSAR-2 SYRUP	33830	VENTACOL
32145	TRI-VI-SOL	32825	TUSSEND	33843	VENTOLIN
32155	TRIACIN	32830	TUSSEND EXPECTORANT	33858	VERAPAMIL
32175	TRIAFED	32845	TUSSI-ORGANIDIN	33895	VERMOX
32190	TRIAM	32840	TUSSI-ORGANIDIN DM	61570	VERSED
32195	TRIAMCINOLONE	32855	TUSSIONEX	33965	VI-DAYLIN
32200	TRIAMCINOLONE ACETONIDE	32905	TYLENOL	33975	VI-DAYLIN F
32205	TRIAMCINOLONE DIACETATE	32915	TYLENOL NO. 2	33980	VI-DAYLIN F ADC DROPS
32210	TRIAMCINOLONE NYSTATIN	32920	TYLENOL NO. 3	34085	VIBRA
32245	TRIAMINIC	32925	TYLENOL NO. 4	34090	VIBRAMYCIN
32215	TRIAMINIC DM	32930	TYLENOL W/CODEINE	34103	VICKS VAPORUB
32220	TRIAMINIC EXPECTORANT	32935	TYLENOL W/CODEINE ELIXIR	34110	VICODIN
32235	TRIAMINIC INFANT DROPS	32945	TYLOX	34120	VICON FORTE
32255	TRIAMINICIN	32955	TYMPAGESIC	34125	VICON-C
32265	TRIAMINICOL SYRUP	33068	ULTRACEF	34160	VINCRISTINE
32270	TRIAMOLONE 40	33073	ULTRALENTE INSULIN	34210	VIOFORM
32273	TRIAMTERENE	41745	UNIPHYL	34215	VIOFORM-HYDROCORTISONE
32290	TRIAVIL	33180	UNNA'S GELATIN PASTE	34235	VIRA-A
32310	TRICHLOROACETIC ACID	33225	URECHOLINE	34240	VIRILON
32345	TRIDESILON	33270	URIMED	34248	VIROPTIC
32395	TRILAFON	33280	URISED	34260	VISINE
32405	TRILISATE	33290	URISEP	34263	VISKEN
32438	TRIMETHOPRIM	33300	URISPAS	34265	VISTACON
32423	TRIMETHOPRIM W/SULFASOXAZOLE	33355	UROBIOTIC-250	34270	VISTARIL
35595	TRIMETHOPRIM/SULFAMETHOXAZOLE	33425	V-CILLIN	34293	VITA-FLOR
32430	TRIMOX	33430	V-CILLIN K	34360	VITAMIN A
32433	TRIMPEX	33448	VACCINATION	34425	VITAMIN B COMPLEX
32443	TRINALIN REPETABS	33538	VALESIN	34445	VITAMIN B COMPLEX W/B-12
41690	TRINALONE	33550	VALISONE	34450	VITAMIN B COMPLEX W/VITAMIN C
32460	TRINSICON	33555	VALIUM	34455	VITAMIN B-1
32478	TRIOVAL	33573	VALPROIC ACID	34485	VITAMIN B-1 W/B-6
32530	TRIPLE SULFA	33574	VALRELEASE	34495	VITAMIN B-12
61535	TRIPLE SULFA VAGINAL	35600	VANCENASE	34500	VITAMIN B-12 CRYSTALLINE
32535	TRIPLE SULFOID	33575	VANCERIL	34505	VITAMIN B-2
32555	TRIPROLIDINE W/PSEUDOEPHEDRINE	33588	VANCOMYCIN	34510	VITAMIN B-6
32625	TROCAL	33600	VANOXIDE	34520	VITAMIN C
32655	TROPHITE	33615	VANSEB LOTION	34525	VITAMIN C & E
32658	TROPICAMIDÉ	33670	VASELINE	34565	VITAMIN D
32660	TRYPTOPHAN	33677	VASERETIC	34575	VITAMIN E
32665	TRYSUL VAGINAL	33685	VASOCIDIN	34623	VITAMIN K

34625 VITAMIN(S)  
34628 VITAMINS AND MINERALS  
34685 VIVACTIL  
34693 VIVIKON  
34725 VOLTAREN  
34740 VOSOL  
34745 VOSOL HC  
34750 VULVAELINE  
34755 VYTONE  
34780 WART OFF  
34790 WATER DISTILLED  
61605 WELLBUTRIN  
34855 WESTCORT  
34920 WITCH HAZEL  
34970 WYCILLIN  
34985 WYGESIC  
34990 WYMDX  
35603 WYTENSIN  
35023 XANAX  
35025 XERAC AC  
35050 XEROFOAM DRESSING  
35060 XYLOCAINE  
35080 XYLOCAINE HCL W/EPINEPHRINE  
35085 XYLOCAINE VISCOUS  
35120 YOHIMBINE  
35130 Z-BEC  
41780 ZANTAC  
35150 ZARONTIN  
35155 ZAROXOLYN  
35165 ZEASORB MEDICATED  
35224 ZESTRIL  
35225 ZESTRIL  
41785 ZINACEF  
35240 ZINC  
35250 ZINC OXIDE  
35260 ZINC SULFATE  
35310 ZINCON  
35338 ZOMAX  
41880 ZORPRIN  
35341 ZOVIRAX  
61610 ZYDONE  
35350 ZYLOPRIM

1989 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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