
1977
NAMCS MICRO DATA TAPE
DOCUMENTATION

DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE
NATIONAL CENTER FOR HEALTH STATISTICS
Ambulatory Care Statistics Branch

1977
NAMCS MICRO DATA TAPE
DOCUMENTATION

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1977 NAMCS MICRO-DATA TAPE DOCUMENTATION

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 history of NAMCS, the scope of the survey, the sample, field activities, data collection procedures, symptom coding procedures, population estimates, and sampling errors. Section II provides technical details of the tape (number of tracks, record length, etc.). Section III provides a detailed description of the contents of each data record by location. Section IV contains marginal data or estimates for each item on the data record in Section III. An appendix defines certain terms used in this document.

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1. DESCRIPTION OF THE NATIONAL AMBULATORY MEDICAL CARE SURVEY

INTRODUCTION.--These Micro-Data Tapes comprise the data collected by the National Ambulatory Medical Care Survey (NAMCS) in 1977, conducted by the National Center for Health Statistics (NCHS). The National Ambulatory Medical Care Survey provides continuous 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 coterminous United States. In 1977 there were approximately 51,000 patient records sampled from the 1,932 doctors that participated in the survey. For a 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 8. A brief statement on sampling errors can be found in the appendix of these documentation.

HISTORY.--To provide more complete and precise information on the utilization of the nation's ambulatory care resources and on the nature and treatment of illness among the population seeking ambulatory care, the NCHS in 1967 began exploring possibilities for surveying morbidity in private physicians' offices. A national technical advisory group was established. Initial discussions resulted in a tentative protocol that called for periodic meetings of a working group comprised of the Director of the NCHS Division of Health Resources Statistics, the Project Officer and staff, the contractor's representatives, and a consultant group from the Johns Hopkins University in Baltimore.

The background and development of methods employed for the NAMCS required exploratory and feasibility studies conducted over a period of 6 years. Literature review and consultation documented needs and potential uses for national ambulatory medical care statistics. Information regarding accepted definitions, uniform terminology, procedural experience, or practical classifications for the problems and conditions encountered in ambulatory care settings was found to be limited. First, data collection forms and procedures were developed and tested by sample physicians in a national field survey, which demonstrated the difficulty of achieving high levels of participation. Refined data collection forms and improved procedures were further tested by a second sample of physicians in an extensive national survey lasting over 2 quarters in 1 year. Results demonstrated the usefulness of professional endorsement, procedural efficiency, and minimal work requirements in achieving physician-participation levels exceeding 80 percent.

Finally, with advice and support from the technical advisory group, the American Medical Association, individual experts, other professional groups, and elements of the Public Health Service, NCHS initiated the National Ambulatory Medical Care Survey in 1973.

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 1977 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 1977 NAMCS were those made by telephone, those made outside of the physician's office, and those made in hospital or institutional settings. It is planned to extend the NAMCS to include these encounters in the future, though some complex methodological and sampling problems must be resolved first.

SAMPLING FRAME AND SIZE OF SAMPLE. The sampling frame for the NAMCS is composed of all physicians contained in the master files maintained by the AMA and AOA as of December 31, 1976, 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, clinical pathology, forensic pathology, radiology, diagnostic radiology, pediatric radiology, or therapeutic radiology.

The 1977 NAMCS sample included 3,000 physicians: 2,880 MD's and 120 doctors of osteopathy. Sample physicians were screened at the time of the survey to assure that they met the above-mentioned criteria; 507 physicians did not meet all of the criteria and were, therefore, ruled out of scope (ineligible) for the study. The most frequent reasons for being out of scope were that the physician was retired, deceased, or employed in teaching, research, or administration. Of the 2,493 in-scope (eligible) physicians, 1,932 (77.5 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, 265 physicians saw no patients during their assigned reporting period because of vacations, illness, or other reasons for being temporarily not in practice.

Sample Design. The 1977 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 of 87 PSU's was selected by the National Opinion Research Center (NORC), the organization responsible for field operations under contract to the NCHS. A PSU is a county, a group of adjacent counties, or a standard metropolitan statistical area (SMSA). A modified probability proportional-to-size procedure using separate sampling frames for SMSA's and for nonmetropolitan counties was employed. After sorting and stratifying by size, region, and demographic characteristics, each frame was divided into sequential zones of 1 million residents, and a random number was drawn to determine which PSU came into the sample from each zone.

Table I. Distribution of physicians in the universe (AMA and AOA) and in the 1977 National Ambulatory Medical Care Survey sample by physician specialty, United States, January-December 1977.

Physician specialty	Universe	Gross Total	Out of Scope	Net Total	Non-Response	Response	Response Rate
All specialties	198,700	3,000	507	2,493	561	1,932	77.5
General and family practice	52,432	740	140	600	162	438	73.0
Medical specialties	54,011	826	132	694	169	525	75.6
Internal medicine	28,109	430	65	365	99	266	72.9
Pediatrics	13,260	203	34	169	34	135	79.9
Other	12,642	193	33	160	36	124	77.5
Surgical specialties	68,901	1,062	112	950	187	763	80.3
General surgery	20,067	302	41	261	44	217	83.1
Obstetrics and gynecology	15,937	249	21	228	54	174	76.3
Other	32,897	511	50	461	89	372	80.7
Other specialties	23,356	372	123	249	43	206	82.7
Psychiatry	13,747	221	47	174	32	142	81.6
Other	9,609	151	76	75	11	64	85.3

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 arranged by nine specialty groups: general and family practice, internal medicine, pediatrics, other medical specialties, general surgery, obstetrics and gynecology, other surgical specialties, psychiatry, and other specialties. Then, within each PSU, a systematic random sample of physicians was selected in such a way that the overall probability of selecting any physician in the United States was approximately constant.

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 7.

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 17 national medical associations that endorse the NAMCS providing the physician is a member of one or more of these associations. Examples of these letters are shown in Figures 1 and 2. After the physician has received the introductory letter(s) the interviewer 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. The success of the survey depends a great deal on the outcome of this first personal contact with the physician. Therefore, it is very important that the interviewer be trained and well-informed on all aspects of the survey. Rather than include copies of all the interviewer materials in this documentation, copies are available on request. These materials include instructions to interviewers as well as all the forms used in the field by the interviewer in carrying out his or her assignment.

It should be noted that in 1977 a new classification system was used to code reason for visit data. This new system differs from the symptom classification system³ used from 1973 through 1976 in that it contains several major revisions and includes a substantially greater amount of detail. Unfortunately, because of these differences the reason for visit data for 1977 are not comparable with reason for visit data from previous years. The new system utilizes a modular structure composed of seven modules:

- 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

A maximum of three problems were coded, in sequence.

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Diagnostic information in item 8 of the Patient Record was coded according to the Eighth Revision International Classification of Diseases, Adapted for Use in the United States (ICDA).⁴ A maximum of three diagnoses were coded in sequence.

In addition to the diagnostic codes contained in the ICDA there are 4 unique codes on the tape that were developed by the NAMCS staff:

0000 = blank diagnosis
Y997 = diagnosis given as "NONE"
Y998 = noncodable diagnosis
Y999 = illegible diagnosis

It should be noted that all "Y" codes will have an alpha character in the first position of the 4-digit code. A two-way independent verification procedure with 100-percent verification was used to control the medical coding operation. Differences between coders were adjudicated at the National Center for Health Statistics.

Coding instructions concerning the reason for visit classification as well as the ICDA are contained in the NAMCS 1977 Medical Coding Manual.^{5/} Copies are available upon request. Call or write to Raymond O. Gagnon, NCHS, Room 212, 3700 East-West Highway, Hyattsville, Maryland 20782 (301/436-7132).

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 a sequential listing of 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 approximate 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.

Figure 1



DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE
NATIONAL CENTER FOR HEALTH STATISTICS
HYATTSVILLE, MARYLAND 20782

Date

NATIONAL AMBULATORY
MEDICAL CARE SURVEY

Endorsing Organizations

American Academy
of DermatologyAmerican Academy of
Family PhysiciansAmerican Academy
of NeurologyAmerican Academy of
Orthopaedic SurgeonsAmerican Academy
of PediatricsAmerican Association of
Neurological SurgeonsAmerican College of
Obstetricians and
GynecologistsAmerican College
of PhysiciansAmerican College of
Preventive MedicineAmerican Osteopathic
AssociationAmerican Proctologic
SocietyAmerican Psychiatric
AssociationAmerican Society of
Internal MedicineAmerican Society of
Plastic and Reconstructive
Surgeons, Inc.American Urologic
AssociationAssociation of American
Medical CollegesNational Medical
Association

John Doe, M.D.
1000 Anywhere Steet
Sunnyville, Anywhere 99999

Dear Dr. Doe:

The National Center for Health Statistics, as part of its continuing program to provide information on the health status of the American people, is conducting a National Ambulatory Medical Care Survey (NAMCS).

The purpose of this survey is to collect information about ambulatory patients, their problems, and the resources used for their care. The resulting published statistics will help your profession plan for more effective health services, determine health manpower requirements, and improve medical education.

Since practicing physicians are the only reliable source of this information, we need your assistance in the NAMCS. As one of the physicians selected in our national sample, your participation is essential to the success of the survey. Of course, all information that you provide is held in strict confidence.

Many organizations and leaders in the medical profession have expressed their support for this survey, including those shown to the left. In particular, your own specialty society has reviewed the NAMCS program and supports this effort (see enclosure). They join me in urging your cooperation in this important research.

Within a few days, a survey representative will telephone you for an appointment to discuss the details of your participation. We greatly appreciate your cooperation.

Sincerely yours,

Dorothy P. Rice
Director

Enclosure

Figure 2



President
BEN D. HALL, MD
Johnson City, Tennessee

President-Elect
JAMES A. COLLINS, MD
Danville, Pennsylvania

Secretary-Treasurer
JOHN F. FARRINGTON, MD
Boulder, Colorado

Immediate Past President
WILLIAM P. DAINES, MD
Ogden, Utah

TRUSTEES
JOHN D. ABRUMS, MD
Albuquerque, New Mexico

LONNIE R. BRISTOW, MD
San Pablo, California

N. THOMAS CONNALLY, MD
Washington, D.C.

T. REGINALD HARRIS, MD
Shelby, North Carolina

MONTE MALACH, MD
Brooklyn, New York

MICHAEL P. MEHR, MD
Marshfield, Wisconsin

WILLIAM A. MILLHON, MD
Columbus, Ohio

C. BURNS ROEHRIG, MD
Boston, Massachusetts

MERVIN SHALOWITZ, MD
Skokie, Illinois

Executive Director
WILLIAM R. RAMSEY

Twenty-Third Annual Meeting
New Orleans, Louisiana
April 26-29, 1979

Dear Dr.

You will soon be asked to participate in the National Ambulatory Medical Survey (NAMCS). The National Center for Health Statistics has invested over five years in developing this unique study for collecting national data on office-based ambulatory practice. You are well aware that the American Society of Internal Medicine is deeply interested in the science of the delivery of health care and particularly as it relates to office practice. We believe that NAMCS will provide a data-base for planning and organizing health services, assessing health facility and manpower requirements, as well as possibly determining desirable modification in medical education programs.

ASIM has been involved in finalizing the forms and procedures. We believe that the survey designed minimizes the amount of record-keeping and time involved on your part. We have assurances that strict confidentiality provisions will be maintained and that only summary data will be published or made available to the health planners, researchers, and the public.

I would urge that you support NAMCS by providing the information requested since we look forward to obtaining and utilizing the results of this important research study. Should you have any questions, do not hesitate to get in touch with me.

Sincerely yours,

Ben D. Hall, M.D.

BDH:kb

Figure 3

<p style="font-size: 1.5em; font-weight: bold;">C 444121</p>		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.						<p style="font-size: 1.5em; font-weight: bold;">C 444121</p>											
PATIENT LOG		PATIENT RECORD NATIONAL AMBULATORY MEDICAL CARE SURVEY																	
As each patient arrives, record name and time of visit on the log below. For the patient entered on line #2, also complete the patient record to the right.		1. DATE OF VISIT Mo/Day/Yr		2. DATE OF BIRTH Mo/Day/Yr		3. SEX <input type="checkbox"/> FEMALE <input type="checkbox"/> MALE		4. COLOR OR RACE <input type="checkbox"/> WHITE <input type="checkbox"/> NEGRO/BLACK <input type="checkbox"/> OTHER <input type="checkbox"/> UNKNOWN		5. WAS PATIENT REFERRED FOR THIS VISIT BY ANOTHER PHYSICIAN? <input type="checkbox"/> YES <input type="checkbox"/> NO		6. PATIENT'S COMPLAINT(S), SYMPTOM(S), OR OTHER REASON(S) FOR THIS VISIT <i>(In patient's own words)</i> a. MOST IMPORTANT _____ b. OTHER _____							
PATIENT'S NAME		TIME OF VISIT		7. TIME SINCE ONSET OF COMPLAINT/SYMPTOM IN ITEM 6a <i>(Check one)</i> <input type="checkbox"/> LESS THAN 1 DAY <input type="checkbox"/> 1-6 DAYS <input type="checkbox"/> 1-3 WEEKS <input type="checkbox"/> 1-3 MONTHS <input type="checkbox"/> MORE THAN 3 MONTHS <input type="checkbox"/> NOT APPLICABLE		8. PHYSICIAN'S DIAGNOSES a. PRINCIPAL DIAGNOSIS/PROBLEM ASSOCIATED WITH ITEM 6a _____ b. OTHER SIGNIFICANT CURRENT DIAGNOSES _____ _____				9. HAVE YOU SEEN PATIENT BEFORE? <input type="checkbox"/> YES <input type="checkbox"/> NO IF YES, FOR THE CONDITION IN ITEM 6a? <input type="checkbox"/> YES <input type="checkbox"/> NO		10. SERIOUSNESS OF CONDITION IN ITEM 6a <i>(Check one)</i> <input type="checkbox"/> VERY SERIOUS <input type="checkbox"/> SERIOUS <input type="checkbox"/> SLIGHTLY SERIOUS <input type="checkbox"/> NOT SERIOUS							
1		a.m. p.m.		Record items 1-14 for this patient ↓ CONTINUE LISTING PATIENTS ON NEXT PAGE		11. DIAGNOSTIC SERVICES THIS VISIT <i>(Check all ordered or provided)</i> <input type="checkbox"/> NONE <input type="checkbox"/> LIMITED EXAM/HISTORY <input type="checkbox"/> GENERAL EXAM/HISTORY <input type="checkbox"/> PAP TEST <input type="checkbox"/> CLINICAL LAB TEST <input type="checkbox"/> X-RAY <input type="checkbox"/> EKG <input type="checkbox"/> VISION TEST <input type="checkbox"/> ENDOSCOPY <input type="checkbox"/> BLOOD PRESSURE CHECK <input type="checkbox"/> OTHER <i>(Specify)</i> _____				12. THERAPEUTIC SERVICES THIS VISIT <i>(Check all ordered or provided)</i> <input type="checkbox"/> NONE <input type="checkbox"/> IMMUNIZATION/DESENSITIZATION <input type="checkbox"/> DRUGS (PRESCRIPTION/NONPRESCRIPTION) <input type="checkbox"/> DIET COUNSELING <input type="checkbox"/> FAMILY PLANNING <input type="checkbox"/> MEDICAL COUNSELING <input type="checkbox"/> PHYSIOTHERAPY <input type="checkbox"/> OFFICE SURGERY <input type="checkbox"/> PSYCHOTHERAPY/THERAPEUTIC LISTENING <input type="checkbox"/> OTHER <i>(Specify)</i> _____				13. DISPOSITION THIS VISIT <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> _____				14. DURATION OF THIS VISIT <i>(Time actually spent with physician)</i> _____ MINUTES	
2		a.m. p.m.																	
3		a.m. p.m.																	

Data Processing and Medical Coding.--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--2 percent or less for all data items.

Information contained in item 6 (patient's reason for visit) of the Patient Record was coded according to a special classification system developed for that purpose.²

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

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, 1977, provided by the U.S. Bureau of the Census. Because the NAMCS includes data for only the coterminous United States, the original census estimates were modified to account for the exclusion of Alaska and Hawaii from the study. For this reason the population estimates should not be considered as official population estimates and are presented here solely for the purpose of providing denominators for rate computations.

Estimation Procedures.--Statistics produced from the 1977 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.

Inflation by reciprocals of sampling probabilities.--Since the survey utilized a three-stage sample design, there were three probabilities: (1) the probability of selecting the PSU, (2) the probability of selecting a physician within the PSU, and (3) the probability of selecting a patient visit with 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.

Table II. Estimates of the civilian noninstitutionalized population of the United States,¹ by age, according to race and sex, geographic region, and metropolitan and nonmetropolitan area as of July 1, 1977

Race, sex, geographic region, and metropolitan and nonmetropolitan area	All ages	Age							
		Under 15 years	15-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65-74 years	75 years and over
<u>Race and Sex</u>		Number in thousands							
All races	210,843	51,186	39,425	31,947	22,946	23,075	20,065	14,217	7,983
Male	101,745	26,110	19,350	15,499	11,021	11,126	9,471	6,178	2,991
Female	109,098	25,076	20,075	16,448	11,925	11,950	10,594	8,039	4,992
<u>White</u>	182,781	42,495	33,648	27,878	20,059	20,469	18,129	12,836	7,267
Male	88,607	21,734	16,639	13,703	9,754	9,926	8,582	5,567	2,701
Female	94,174	20,761	17,010	14,175	10,305	10,543	9,546	7,269	4,565
<u>Black</u>	24,970	7,761	5,262	3,458	2,467	2,311	1,767	1,280	664
Male	11,610	3,911	2,465	1,512	1,060	1,038	807	556	259
Female	13,360	3,850	2,797	1,945	1,407	1,273	959	724	405
<u>Other</u>	3,093	930	514	611	420	295	170	100	52
Male	1,529	464	246	284	207	161	82	55	31
Female	1,564	466	268	328	213	135	88	46	21
<u>Geographic region</u>									
Northeast	48,442								
North Central	56,574								
South	68,906								
West	36,921								
<u>Area</u>									
Metropolitan	143,994								
Nonmetropolitan	66,850								

¹Excludes Alaska and Hawaii

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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.

Ratio adjustment.--A poststratification adjustment was made within each of nine physician specialty groups. The ratio adjustment was 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 Appendix I of reference 8.

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. The "patient weight" is an inflation factor assigned to each patient record. By aggregating the "patient weights" an estimated complete count or national estimate can be obtained.

Questions.--Questions concerning data in the tapes should be directed to Ambulatory Care Statistics Branch, Division of Health Resources Utilization Statistics, National Center for Health Statistics, Room 212, 3700 East-West Highway, Hyattsville, Maryland 20782. The telephone number is 301/436-7132.

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References

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II. Technical Description of Tapes

Date Set Name:	NAMC1977
Number of Reels:	1
Number of Recording Tracks:	9
Density (bpi):	1600
Language:	EBEDIC
Parity:	ODD
Record Length:	90
Blocksize:	4,500
Number of Records:	51,044
Computer Compatibility:	IBM 360 or 370
Volume Serial	802328

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III. TAPE RECORD FORMAT

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 (figure 3). The AMA and the induction interview (reference 7) 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	4	1-4	<u>Date of visit</u>
1.1	2	1-2	Month of visit 01-12: January-December
1.2	2	3-4	Year of visit Last 2 digits of year
2	4	5-8	<u>Date of birth</u>
2.1	2	5-6	Month of birth 01-12: January-December
2.2	2	7-8	Year of birth Last 2 digits of year
3	1	9	<u>Sex</u> 1=Female 2=Male
4	1	10	<u>Race</u> 1=White 2=All other
5	1	11	<u>Patient Referred by Another Physician</u> 1=Yes 2=No
6	12	12-26	<u>Patient Problems</u> (see reference 2 for codes)
6.1	4	12-16	Most important problem #1
6.2	4	17-21	Most important problem #2 (if any reported)
6.3	4	22-26	Other problem
7	1	27	<u>Time Since Onset of Complaint/Symptom in Item 6a</u> 1=Less than 1 day 2=1-6 days 3=1-3 weeks 4=1-3 months 5=more than 3 months 6=not applicable

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<u>Item No.</u>	<u>Field Length</u>	<u>Tape Location</u>	<u>Item Description and Codes</u>
8	12	28-39	<u>Physician's principal diagnosis</u> (see reference 4 for
8.1	4	28-31	First diagnosis associated with item 6a codes)
8.2	4	32-35	Second diagnosis associated with item 6a (if any
8.3	4	36-39	Other significant current diagnosis reported)
9	2	40-41	<u>Ever seen patient before</u>
9.1	1	40	1=yes
			2=no
9.2	1	41	<u>If yes, for the condition in item 8a?</u>
			0=blank
			1=yes
			2=no
10	1	42	<u>Seriousness of Condition in item 8a</u>
			1=very serious
			2=serious
			3=slightly serious
			4=not serious
11	11	43-53	<u>Diagnostic services this visit</u>
11.1	1	43	None (1=yes and 0=no)
11.2	1	44	Limited exam/history "
11.3	1	45	General exam/history "
11.4	1	46	Pap test "
11.5	1	47	Clinical lab. test "
11.6	1	48	X-ray "
11.7	1	49	EKG "
11.8	1	50	Vision test "
11.9	1	51	Endoscopy "
11.10	1	52	Blood pressure check "
11.11	1	53	Other "
12	10	54-63	<u>Therapeutic services this visit</u>
12.1	1	54	None (1=yes and 0=no)
12.2	1	55	Immunization/desensitization "
12.3	1	56	Drugs (prescription/nonprescription) "
12.4	1	57	Diet counseling "
12.5	1	58	Family planning "
12.6	1	59	Medical counseling "
12.7	1	60	Physiotherapy "
12.8	1	61	Office surgery "
12.9	1	62	Psychotherapy/therapeutic listening "
12.10	1	63	Other "

<u>Item No.</u>	<u>Field Length</u>	<u>Tape Location</u>	<u>Item Description and Codes</u>
13	8	64-71	<u>Disposition of visit</u>
13.1	1	64	No follow-up planned
13.2	1	65	Return at specified time
13.3	1	66	Return if needed
13.4	1	67	Telephone follow-up
13.5	1	68	Referral
13.6	1	69	Return to referring physician
13.7	1	70	Admit to hospital
13.8	1	71	Other
14	3	72-74	<u>Duration of visit in minutes</u> (000-999)
15	10	75-84	<u>Patient Weight</u> A right justified, alphanumeric integer developed by the NAMCS staff for the purpose of producing national estimates from sample estimates. See section on "Estimation Procedures" in reference 8, and also notes on page 12 of these documentation.
16	1	85	<u>Geographic Region</u> (Based on actual location of physician's practice. 1=Northeast 2=North Central 3=South 4=West
17	1	86	<u>Metropolitan/Nonmetropolitan</u> (Based on actual location in conjunction with the definition of the Bureau of the Census and the U.S. Office of Management and Budget. 01=Standard Metropolitan Statistical Area (SMSA) 02=Non-SMSA
18	3	87-89	<u>Physician Specialty</u> (Derived from Induction Interview - reference 7) NOTE: See "List of Designated Specialty Codes" on page 18 of these documentation.
19	1	90	<u>Type of practice</u> (Derived from Induction Interview--see reference 7) 1=solo 2=partnership 3=group 4=other

List of Designated Specialty Codes

AM	Aerospace Medicine	P	Psychiatry
A	Allergy	CHP	Psychiatry, Child
*AN	Anesthesiology	PYA	Psychoanalysis
BE	Broncho-Esophagology	PYM	Psychosomatic Medicine
CD	Cardiovascular Diseases	PH	Public Health
D	Dermatology	PUD	Pulmonary Diseases
DIA	Diabetes	*R	Radiology
END	Endocrinology	*DR	Radiology, Diagnostic
FP	Family Practice	*PDR	Radiology, Pediatric
GE	Gastroenterology	*TR	Radiology, Therapeutic
GP	General Practice	RHU	Rheumatology
GPM	General Preventive Medicine	RHI	Rhinology
GER	Geriatrics	ABS	Surgery, Abdominal
GYN	Gynecology	CDS	Surgery, Cardiovascular
HEM	Hematology	CRS	Surgery, Colon and Rectal
HYP	Hypnosis	GS	Surgery, General
ID	Infectious Diseases	HS	Surgery, Hand
IM	Internal Medicine	HNS	Surgery, Head and Neck
LAR	Laryngology	NS	Surgery, Neurological
LM	Legal Medicine	ORS	Surgery, Orthopedic
ND	Neoplastic Diseases	PDS	Surgery, Pediatric
NEP	Nephrology	PS	Surgery, Plastic
N	Neurology	TS	Surgery, Thoracic
CHN	Neurology, Child	TRS	Surgery, Traumatic
*NM	Nuclear Medicine	U	Surgery, Urological
NTR	Nutrition		
OBS	Obstetrics		
OBG	Obstetrics and Gynecology		
OM	Occupational Medicine		
OPH	Ophthalmology		
OT	Otology		
OTO	Otorhinolaryngology	OS	Other, i.e., physician designated a specialty other than those appearing above.
*PTH	Pathology		
*CLP	Pathology, Clinical		
*FOP	Pathology, Forensic	US	Unspecified, i.e., physician did not specify a specialty.
PD	Pediatrics		
PDA	Pediatrics, Allergy		
PDC	Pediatrics, Cardiology	EM	Emergency Medicine
PA	Pharmacology, Clinical		
PM	Physical Medicine and Rehabilitation		

In addition to the above specialties the following designations are also used:

* Excluded from NAMCS by definition.

IV. 1977 MARGINALS

Any cell with an estimate of 460,000 visits or less has a relative standard error of 30-percent or more; therefore, it is considered an unreliable statistic, according to the standards of reliability of the National Center for Health Statistics.

For tabulations involving principal diagnoses (coded according to the ICDA-8) the following characteristics exist:

- 1 - The prefix "1" preceding the 3-digit diagnostic codes represents diagnoses 001-999, e.g. '1381'='381'=otitis media.
- 2 - The prefix "2" preceding the 3-digit diagnostic codes represents Y code diagnoses Y00-Y13, e.g., '2010'='Y10'=medical or surgical aftercare. In other words, eliminate the prefix "2" and change the first "0" to Y.
3. The diagnostic code '2099'=Y99=the sum of the following: diagnosis given as "none", noncodable diagnosis, and illegible diagnosis.

NOTE: The user should be aware that characteristics 1, 2 and 3 above apply only to the marginal data included in these documentation. The diagnostic codes on the micro-data tape will not include such prefixes, but will represent the actual 4-digit diagnoses as found in ICDA-8. *In addition see notes on page 6 of this documentation*

For tabulations involving principal reasons for visit (coded according to A Reason for Visit Classification for Ambulatory Care (RVC)^{2/}), the digits 1 through 8 preceding the 3-digit RVC codes represent the various modules of the RVC according to the following:

- "1" = symptom module, e.g., '1010'=S010=fever
- "2" = disease module, e.g., '2205'=D205=diabetes mellitus
- "3" = diagnostic, screening, and preventive module, e.g., '3100'=X100 = general medical exam
- "4" = treatment module, e.g., '4110'=T110=injections
- "5" = injuries and adverse effects module, '5020'=J020=fracture and dislocation of leg
- "6" = test results module, e.g., '6100' = R100 = results of blood glucose test
- "7" = administrative module, e.g., '7100' = A100 = physical examination required for employment
- "8" = Uncodeable entries, e.g., '8997' = U997 = entry of "none" or no complaint
- "0000" = special code=blank

	ALL	UNDER 15	15-24	25-44	45-64	65+	KEY	
Age	51044	8354	7255	13728	13273	8434	RAW	
	57052123	103758187	85767961	146329179	142162798	92042998	WT1	
	100.00	100.00	100.00	100.00	100.00	100.00	W1C	
	100.00	18.20	15.04	25.67	24.94	16.15	W1R	
	ALL	F	M	KEY				
Sex	51044	30476	20568	RAW				
	57052123	345166742	224865381	WT1				
	100.00	100.00	100.00	W1C				
	100.00	60.55	39.45	W1R				
	ALL	WHITE	BLACK	OTHER	KEY			
Color	51044	46141	3580	1323	RAW			
	57052123	514788287	40107992	15155844	WT1			
	100.00	100.00	100.00	100.00	W1C			
	100.00	90.31	7.04	2.66	W1R			
	ALL	YES	NO	KEY				
Referred by another physician	51044	3204	4784	RAW				
	57052123	28412114	541640007	WT1				
	100.00	100.00	100.00	W1C				
	100.00	4.98	95.02	W1R				
	ALL	LESS THAN 1 DAY	1-6 DA	1-3 WK	1-3 MO	3 MO OR MORE	NA	KEY
Onset	51044	1742	2951	6838	6390	16789	9294	RAW
	57052123	23405249	127064392	78715756	47106569	169692433	104067718	WT1
	100.00	100.00	100.00	100.00	100.00	100.00	100.00	W1C
	100.00	4.11	22.29	13.81	11.77	29.77	18.26	W1R
	ALL	NEW PT	OLD PT NEW FOR	OLD PT OLD FOR	KEY			
Visit status	51044	8500	10873	31640	RAW			
	57052123	87525080	142036868	340785262	WT1			
	100.00	100.00	100.00	100.00	W1C			
	100.00	15.70	24.82	59.78	W1R			

✓
RAW = UNWEIGHTED FREQUENCY
WT1 = WEIGHTED FREQUENCY*
W1C = COLUMN PERCENT
W1R = ROW PERCENT

* See notes on Patient Weight on page 12 of these documentation.

	ALL	VERY SERIOUS	SERIOUS	SLIGHT SER	NOT SER	KEY		
Seriousness	51144	2235	8927	15332	24550	RAW		
	571052123	10414308	85703654	175251696	290682465	WT1		
	100.00	100.00	100.00	100.00	100.00	WIC		
	10.00	3.23	15.03	30.74	50.99	WIR		
			LIMITED EXAM	GEN EXAM	PAP TEST	CLIN LAB TEST	X-RAY	EKG
	51144	7115	07646	11531	2561	10617	4141	1825
	571052123	68311044	321040354	127515306	30619779	122012804	44661847	17333038
Diagnostic Services	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
	12.00	11.98	56.32	22.37	5.37	21.40	7.83	3.04
		VISION TEST	FNDOS COPY	BLOOD PRES CK	OTHER DIAG	KEY		
		2255	690	16263	2461	RAW		
		23044503	6944692	193888667	25003715	WT1		
		100.00	100.00	100.00	100.00	WIC		
		4.04	1.22	34.01	4.39	WIR		
	ALL	NONE	IMMUNIZ DESEN	DRUGS	DIET COUNSEL	FAMILY PLAN	MED COUNSEL	PHYSIOT
	51144	10308	2809	25551	3314	659	10475	1641
	571052123	108076638	37575821	305605850	39196809	8371541	117157458	18584181
Therapeutic Services	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
	100.00	19.13	6.59	53.61	6.88	1.47	20.55	3.26
		OFFICE SURG	PSYCHOT THER LISTEN	OTHER THER	KEY			
		4009	4524	1651	RAW			
		45028969	30589056	15623637	WT1			
		100.00	100.00	100.00	WIC			
		7.90	5.37	2.74	WIR			

Disposition	ALL	ALL FOLLOW	RETURN SPEC TIME	RETURN IF NEEDED	TEL FOLLOW	REFER	RETURN	ADMIT HOSP
	51 44	5045	71971	12521	1201	1260	526	1196
	570052103	47844488	746374168	129019693	17961353	14423456	4659581	11095191
	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
	100.00	11.15	60.76	22.63	3.15	2.53	0.82	1.95
		OTHER	KEY					
		752	RAU					
		7128529	WT1					
		100.00	WIC					
		1.25	W1R					
Duration of Visit	ALL	ZERO	1-5	6-10	11-15	16-30	31-60	60+
	51 44	918	5663	15612	13879	11838	4759	375
	570052123	13037638	83263477	170785882	152860221	114561438	30406372	2736127
	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
	100.00	2.25	14.81	29.96	26.82	20.52	5.33	1.48
Physician Specialty	ALL	GEN	IM	PED	GEN SUR	OPG	ORTH SURG	CARDIOV
	51044	14210	6372	4563	4752	4316	2044	868
	570052123	222918280	64554454	54761224	36123548	48273350	20201035	6217602
	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
	100.00	39.11	11.40	9.61	6.74	8.64	3.54	1.10
		DERMA	UROL SURG	PSYCH	ORTHAM	NEUROL	OTOLARY	KEY
		1172	1401	3313	2713	554	1497	RAU
		16387677	11204981	16196880	26904052	2689978	15715645	WT1
		100.00	100.00	100.00	100.00	100.00	100.00	WIC
		2.87	1.07	2.84	4.72	0.47	2.76	W1R

ALL	SOLD	PARTIAL	GROUP	OTHER	KEY	Type of Practice
51044	30473	7039	10172	3160	RAW	
570052123	335261114	85533791	116552776	32704442	WT1	
100.00	100.00	100.00	100.00	100.00	W1C	
100.00	58.81	15.28	20.45	5.74	W1R	

ALL	NE	NC	S	W	KEY	Region
51044	14032	12384	14008	10620	RAW	
570052123	140965400	148501142	163790360	116795221	WT1	
100.00	100.00	100.00	100.00	100.00	W1C	
100.00	24.73	26.05	28.73	20.45	W1R	

ALL	METRO	NON METRO	KEY	Location
51044	41311	6733	RAW	
570052123	434739271	135312852	WT1	
100.00	100.00	100.00	W1C	
100.00	76.26	23.74	W1R	

Patient's Reason for Visit (Consult Reference 2)

ALL	1000	1005	1010	1015	1020	1025	1030
51.44	17	35	686	392	267	93	83
570052123	195622	436891	9481061	4321395	2970980	1092239	799881
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
100.00	0.03	0.08	1.66	0.76	0.52	0.19	0.14

1035	1040	1045	1050	1055	1060	1065	1070	1075
120	339	61	765	255	151	75	16	10
1411710	4257934	628579	8387684	2949145	1716220	666525	136398	76594
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.25	0.75	0.11	1.47	0.52	0.30	0.12	0.02	0.01

Patient's Reason for Visit (Cont.)

1090	1095	1097	1095	1100	1105	1110	1115	1120
42	35	214	52	797	64	857	28	71
505997	414310	3058071	412370	6149673	316289	4585604	137804	402515
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.08	0.07	0.54	0.07	1.08	0.06	0.80	0.02	0.07
1125	1130	1135	1145	1150	1155	1160	1165	1200
43	137	108	15	8	23	99	202	62
425825	616235	849541	131879	24098	141872	568272	987179	496560
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.07	0.11	0.15	0.02	0.00	0.02	0.10	0.17	0.09
1205	1210	1215	1220	1225	1230	1235	1240	1260
145	874	17	158	510	23	8	75	152
1082816	9458106	123672	1580207	5777503	172347	43250	515530	1553990
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.19	1.66	0.02	0.28	1.01	0.03	0.01	0.09	0.27
1265	1270	1275	1280	1305	1310	1315	1320	1325
8	49	75	40	757	72	26	255	30
86565	403408	971237	562583	6843835	764919	288122	2742424	295270
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.02	0.07	0.17	0.10	1.20	0.13	0.05	0.48	0.05
1330	1335	1340	1345	1350	1355	1360	1365	1400
10	137	150	221	63	687	169	180	445
1234708	1543525	1434036	2546680	711566	9249272	1939762	2044643	5619710
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.22	0.27	0.25	0.45	0.12	1.62	0.34	0.36	0.93
1405	1410	1415	1420	1425	1430	1435	1440	1445
89	136	282	147	123	36	38	1133	252
1321784	1643247	2750472	1710089	1476715	378823	494255	13936096	11034307
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.23	0.29	0.48	0.30	0.26	0.07	0.09	2.44	1.94

Patient's Reason for Visit (Cont.)

1450	1455	1460	1470	1475	1480	1485	1500	1505
69	1273	21	22	98	91	22	11	29
1054673	17524746	201474	258263	1499791	947338	286794	196249	365648
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.19	3.97	0.04	0.05	0.26	0.17	0.05	0.03	0.06
1510	1515	1520	1525	1530	1535	1540	1545	1550
64	22	62	173	128	55	6	253	789
941923	286218	574583	2223315	1590767	640800	104898	3394039	8715152
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.17	0.05	0.10	0.39	0.28	0.11	0.02	0.67	1.53
1565	1570	1580	1585	1590	1595	1600	1605	1610
39	55	49	24	55	201	47	241	29
356242	442476	367242	332532	585677	2443307	492009	2257302	353515
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.06	0.08	0.06	0.06	0.10	0.43	0.09	0.40	0.06
1615	1640	1645	1650	1655	1660	1665	1670	1675
84	126	231	277	96	121	83	35	79
977435	1093559	2343014	2987667	995024	1080718	932263	521611	983441
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.17	0.19	0.41	0.52	0.17	0.19	0.16	0.09	0.17
1680	1700	1705	1710	1715	1720	1730	1735	1740
29	64	42	45	62	11	80	83	62
303090	613326	377327	486249	686382	100851	909591	1066962	696467
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.05	0.11	0.07	0.09	0.12	0.02	0.16	0.19	0.12
1745	1750	1755	1760	1765	1770	1775	1790	1795
59	101	193	189	193	60	88	31	21
911488	1346578	2295076	2174254	2423580	673897	974852	387361	246862
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.14	0.23	0.40	0.38	0.43	0.12	0.17	0.07	0.04

Patient's Reason for Visit (Cont.)

1800	1805	1810	1815	1820	1825	1830	1835	1840
94	259	37	47	3	12	335	81	78
931106	2275694	266448	373145	51700	119140	5012735	1047948	933017
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.10	0.40	0.05	0.07	0.01	0.02	0.88	0.18	0.10
1845	1850	1855	1860	1865	1870	1875	1880	1885
94	162	122	727	324	160	130	64	37
996353	2166908	1427015	9531226	3635788	2188358	1495788	771930	507466
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.17	0.38	0.25	1.67	0.64	0.38	0.26	0.14	0.09
1890	1895	1900	1905	1910	1915	1920	1925	1930
49	16	465	963	418	168	497	489	156
558785	227527	4914849	10696182	4594125	2143917	5160900	5309235	1873314
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.10	0.04	0.86	1.88	0.81	0.38	0.91	0.93	0.33
1935	1940	1945	1950	1955	1960	1965	1970	1975
353	366	200	97	91	243	40	194	62
3976114	4337785	2095105	1190582	1038944	2833646	537994	2052214	582204
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.70	0.77	0.37	0.19	0.18	0.50	0.09	0.36	0.10
1980	2005	2010	2015	2020	2025	2030	2035	2100
27	14	26	82	21	21	8	12	32
261062	268640	283100	1028672	229795	239953	82771	104373	215742
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.05	0.05	0.05	0.18	0.04	0.04	0.01	0.02	0.04
2105	2110	2115	2120	2125	2130	2135	2140	2145
30	68	61	20	34	48	52	17	39
212283	690434	453043	195282	280344	467183	411444	311926	309624
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.04	0.12	0.08	0.03	0.05	0.08	0.07	0.05	0.05

1977 NAMCS MICRO-DATA TAPE DOCUMENTATION

Patient's Reason for Visit (Cont.)

2200	2205	2210	2215	2250	2255	2300	2305	2405
53	416	14	22	70	5	13	37	28
966554	5148803	119782	204191	839810	44398	72129	152907	213275
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.17	0.00	0.02	0.04	0.15	0.01	0.01	0.03	0.04
2410	2415	2420	2450	2455	2500	2505	2510	2515
88	93	40	84	10	3	12	712	169
831961	976870	390937	1155687	132861	45019	76051	8309906	1798153
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.15	0.17	0.07	0.22	0.02	0.01	0.01	1.46	0.32
2520	2310	2315	2320	2325	2330	2350	2355	2360
43	8	6	29	5	4	10	24	13
425653	72537	33488	170248	22867	29214	78210	164344	158487
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.07	0.01	0.01	0.03	0.00	0.01	0.01	0.03	0.03
2365	2370	2400	2525	2530	2535	2540	2545	2550
22	40	33	28	13	27	35	78	43
311492	478042	317594	238722	201326	255732	260682	787335	435870
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.05	0.08	0.06	0.04	0.04	0.04	0.05	0.14	0.08
2600	2605	2610	2620	2625	2630	2635	2640	2650
116	48	58	24	118	44	95	35	70
1546386	609678	673451	207758	1203249	582288	1019908	379212	705726
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.27	0.11	0.12	0.04	0.21	0.10	0.18	0.07	0.12
2655	2660	2665	2670	2675	2700	2705	2710	2715
6	150	60	52	4	31	85	92	7
57479	1275090	579997	447557	120759	374780	947688	924924	47365
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.01	0.22	0.10	0.09	0.02	0.07	0.17	0.16	0.01

Patient's Reason for Visit (Cont.)

2720	2725	2730	2735	2800	2805	2810	2815	2820
6	63	25	9	115	2	8	69	28
124436	235443	255226	100189	1229853	22747	124449	780503	417535
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.12	0.15	0.04	0.02	0.22	0.00	0.02	0.14	0.07
2825	2900	2905	2910	2950	2955	2960	3100	3105
182	246	57	45	2	5	33	1664	697
2312259	2512723	553538	470640	22474	41944	263363	20658814	8676841
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.41	0.44	0.10	0.08	0.00	0.01	0.05	3.62	1.52
3133	3200	3215	3215	3220	3225	3230	3235	3240
20	98	1527	187	43	770	516	321	43
126756	1147923	19893236	2370168	419704	9496408	5615495	3616874	356432
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.00	0.00	3.49	0.42	0.07	1.67	0.95	0.63	0.05
3300	3305	3310	3315	3320	3325	3330	3335	3345
14	25	97	85	1221	45	35	6	14
218838	246378	1386662	861091	14989811	538396	214062	59055	149325
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.04	0.04	0.04	0.15	2.63	0.09	0.04	0.01	0.03
3350	3360	3365	3370	3400	3405	3410	3500	3505
25	12	288	90	261	11	27	184	109
168307	253054	3746524	921278	3252721	119195	310064	1705208	1151420
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.03	0.04	0.66	0.16	0.57	0.02	0.05	0.30	0.21
3510	3515	3520	3525	3530	4100	4110	4115	4200
11	14	4	24	1	501	239	136	100
1367479	92001	38940	228159	10964	7386030	3050094	1404245	988081
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.04	0.02	0.01	0.04	0.00	1.30	0.54	0.25	0.18

Patient's Reason for Visit (Cont.)

4205	4400	4435	4410	4415	4425	4500	4505	4510
1727	6	1	475	5	73	2	1	17
15083644	77451	33499	2344370	41422	747477	21339	4301	192484
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
2.65	0.01	0.01	0.41	0.01	0.13	0.01	0.00	0.03
4515	4520	4530	4535	4540	4545	4550	4555	4560
125	57	2	2	55	66	10	229	50
1146700	647112	7833	16373	661120	857409	69800	2727221	473990
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.20	0.11	0.00	0.00	0.12	0.15	0.01	0.48	0.08
4600	4605	4700	4705	4710	4715	4720	4725	4730
154	115	3	207	53	39	48	78	87
2343722	1167118	1654	1131723	290857	206104	244537	424653	392724
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.41	0.20	0.00	0.20	0.05	0.04	0.04	0.07	0.07
4735	4740	4900	5005	5010	5015	5020	5025	5030
1	3	402	22	8	30	66	38	40
11622	12380	4167678	207077	43091	326492	675760	398291	447853
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.00	0.00	0.73	0.04	0.01	0.06	0.12	0.07	0.08
5035	5040	5045	5050	5105	5110	5115	5120	5125
83	35	51	5	14	28	15	46	2
911258	415029	765590	100357	135684	286736	172278	610723	12776
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.16	0.07	0.13	0.02	0.02	0.05	0.03	0.11	0.00
5130	5205	5210	5215	5220	5225	5230	5305	5310
19	34	42	2	35	151	10	6	2
216560	473028	374772	19672	428679	2064421	303013	71802	15628
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.04	0.08	0.07	0.00	0.08	0.36	0.05	0.01	0.00

Patient's Reason for Visit (Cont.)

5318	5321	5325	5405	5410	5415	5420	5425	5430
21	5	3	11	10	5	18	11	14
291495	112810	46164	187415	72916	49624	217577	128427	156381
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.05	0.02	0.01	0.03	0.01	0.01	0.04	0.03	0.03
5505	5510	5515	5520	5525	5530	5535	5540	5545
75	55	57	11	6	29	52	41	55
730353	586787	603249	87940	47667	378187	639720	651683	663759
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.13	0.10	0.11	0.02	0.01	0.07	0.11	0.11	0.12
5550	5555	5560	5565	5570	5575	5600	5605	5610
25	29	13	30	136	52	87	1	35
256767	334260	144157	341738	1608487	793919	1049140	3994	352784
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.05	0.04	0.03	0.06	0.28	0.12	0.18	0.00	0.06
5615	5620	5705	5710	5715	5720	5750	5755	5760
1	11	10	0	73	19	4	46	32
10545	189351	249567	26070	820120	308899	43125	671924	480723
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.00	0.03	0.04	0.01	0.14	0.05	0.01	0.12	0.08
5800	5805	5810	5815	5820	5830	5840	5900	5905
24	81	58	12	4	4	7	8	14
151651	785747	653011	180562	14300	17154	11377	145427	143165
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.03	0.14	0.11	0.03	0.00	0.00	0.00	0.03	0.03
5915	5925	6100	6105	6110	6200	6300	6400	6500
1	2	15	6	10	12	39	34	1
3062	43174	203731	62186	77128	179300	511600	290452	9952
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.00	0.01	0.04	0.01	0.01	0.03	0.09	0.05	0.00

Patient's Reason for Visit (Cont.)

6600	6700	7100	7105	7110	7115	7120	7125	7130
7	103	297	2	205	134	34	104	22
118122	1162725	3420215	21166	2700872	1636197	496597	1047594	175812
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.00	0.21	0.60	0.00	0.47	0.22	0.09	0.15	0.02
7135	7140	8990	8997	8998	8999			
38	57	57	471	67	6			
472331	502117	587709	5334416	717881	66406			
100.00	100.00	100.00	100.00	100.00	100.00			
0.00	0.00	0.10	0.94	0.13	0.01			

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ALL	1000	1003	1005	1006	1008	1009
51044	47	4	4	1	52	330
570052123	515033	34233	58615	4974	971956	4320964
100.00	100.00	100.00	100.00	100.00	100.00	100.00
100.00	0.09	0.01	0.01	0.00	0.17	0.76
1011	1012	1015	1017	1018	1019	1025
11	8	2	3	1	2	1
117636	75401	20704	29794	4319	24624	7312
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.02	0.01	0.00	0.01	0.00	0.00	0.00
1033	1034	1035	1037	1038	1039	1044
4	132	1	1	2	13	2
30259	1712978	4657	3574	49867	151942	11478
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.01	0.30	0.00	0.00	0.01	0.03	0.00
1052	1053	1054	1055	1056	1057	1065
25	65	71	11	15	12	1
347002	858863	855155	172865	271876	146042	4341
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.06	0.15	0.15	0.03	0.05	0.03	0.00
1066	1070	1072	1074	1075	1078	1079
1	6	4	8	47	7	399
4485	75658	46142	86891	602941	64595	5193041
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.00	0.01	0.01	0.02	0.11	0.01	0.91
1082	1084	1087	1090	1097	1098	1099
1	2	1	1	7	43	42
17471	8051	13452	7251	85827	521840	424724
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.00	0.00	0.00	0.00	0.02	0.09	0.07
1105	1110	1111	1112	1115	1117	1123
1	73	18	145	1	21	1
7026	969628	224808	1797112	8150	401302	12609
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.00	0.17	0.04	0.32	0.00	0.07	0.00
1127	1129	1130	1131	1132	1133	1134
18	1	6	61	6	36	6
276729	12012	57802	722541	57279	452775	66007
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.05	0.00	0.01	0.13	0.01	0.08	0.01

Physician's Diagnosis (Cont.)

1135	1136	1140	1141	1142	1143	1144
9	7	3	4	4	2	3
89008	69151	14776	42503	38854	15873	16280
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.02	0.01	0.00	0.01	0.01	0.00	0.00
1145	1146	1147	1149	1150	1151	1152
3	4	2	1	2	8	1
39007	18756	12202	16929	28160	55731	10434
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.01	0.00	0.00	0.00	0.00	0.01	0.00
1153	1154	1155	1156	1157	1158	1160
45	18	1	4	10	1	4
583049	120814	8062	56283	81341	40843	21933
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.10	0.02	0.00	0.01	0.01	0.01	0.00
1161	1162	1163	1170	1171	1173	1173
16	54	1	4	4	32	107
126470	391537	6873	29603	39250	295489	1273166
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.02	0.07	0.00	0.01	0.01	0.05	0.22
1174	1180	1182	1183	1184	1185	1186
118	12	13	5	3	63	1
991287	176359	112459	60416	34515	554026	11870
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.17	0.03	0.02	0.01	0.01	0.10	0.00
1188	1189	1190	1191	1192	1193	1194
25	5	1	2	4	6	1
204786	55582	3578	7366	29661	39501	13971
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.04	0.01	0.00	0.00	0.01	0.01	0.00
1195	1196	1197	1198	1199	1200	1201
15	8	18	29	25	11	19
168692	69372	185645	233367	244134	67008	147689
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.03	0.01	0.03	0.04	0.04	0.01	0.03
1202	1203	1204	1205	1206	1207	1208
27	12	17	9	1	8	12
224093	111019	143934	109413	8062	72632	115752
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.04	0.02	0.03	0.02	0.00	0.01	0.02

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1209	1210	1211	1212	1213	1214	1215
4	10	38	3	6	30	7
45121	120195	315435	25494	40210	325521	102639
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.01	0.02	0.06	0.00	0.01	0.06	0.02
1216	1217	1218	1219	1220	1221	1223
98	28	69	20	40	14	2
1145905	211586	765579	266775	470442	167185	9738
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.20	0.04	0.13	0.05	0.08	0.03	0.00
1224	1225	1226	1227	1228	1230	1231
2	14	4	65	17	9	9
20784	73285	27624	562188	148735	67466	68719
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.00	0.01	0.00	0.10	0.03	0.01	0.01
1232	1233	1234	1235	1236	1237	1238
28	87	4	3	1	25	8
256218	759284	46012	36024	22805	205515	410A7
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.04	0.13	0.01	0.01	0.00	0.04	0.01
1239	1240	1241	1242	1243	1244	1245
42	16	31	53	2	143	12
358788	128177	300657	507788	23338	1638631	129635
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.06	0.02	0.05	0.09	0.00	0.29	0.02
1246	1250	1251	1252	1253	1255	1256
8	856	22	4	3	8	20
50415	11022859	298238	31668	25253	87060	323478
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.01	1.93	0.05	0.01	0.00	0.02	0.06
1257	1258	1259	1263	1264	1266	1269
3	54	1	2	1	1	28
20803	848393	8760	14837	12680	6621	283220
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.00	0.15	0.00	0.00	0.00	0.00	0.05
1271	1272	1273	1274	1275	1276	1277
1	31	10	77	5	1	504
20853	328905	76071	850523	48821	15610	6761702
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.00	0.06	0.01	0.15	0.01	0.00	1.19

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1278	1279	1280	1281	1282	1284	1285
4	47	30	46	8	4	136
24831	396887	320747	544653	78407	58174	1695449
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.00	0.07	0.06	0.10	0.01	0.01	0.30
1286	1287	1288	1289	1290	1294	1295
2	8	3	70	8	1	366
6889	89865	28909	819192	67217	2073	2025290
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.00	0.02	0.01	0.14	0.01	0.00	0.36
1296	1297	1298	1299	1300	1301	1302
178	11	27	35	1855	612	26
991734	46627	143531	212532	12550742	2679889	106397
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.17	0.01	0.03	0.04	2.20	0.47	0.02
1303	1304	1305	1306	1307	1308	1309
70	15	99	164	279	117	24
559183	102051	944152	1485444	1673836	705684	120313
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.10	0.02	0.17	0.26	0.29	0.12	0.02
1311	1312	1315	1320	1322	1323	1330
1	4	13	5	1	1	1
14999	14455	76056	34839	4000	4269	3382
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.00	0.00	0.01	0.01	0.00	0.00	0.00
1333	1340	1341	1342	1343	1344	1345
2	41	4	68	9	14	42
20677	292397	27954	529348	65475	101185	540591
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.00	0.05	0.00	0.09	0.01	0.02	0.09
1346	1347	1348	1349	1350	1351	1352
126	34	4	8	22	14	8
1322751	209932	21484	31971	207291	102089	81555
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.23	0.04	0.00	0.01	0.04	0.02	0.01
1353	1354	1355	1356	1357	1358	1359
53	6	108	1	136	7	1
636634	61826	1614436	11688	1089303	33533	4214
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.11	0.01	0.28	0.00	0.19	0.01	0.00

1360	1361	1362	1363	1364	1366	1367
221	33	23	51	21	18	8
2627923	331559	307677	541407	206727	171714	50695
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.46	0.06	0.05	0.09	0.04	0.03	0.01
1368	1369	1370	1371	1372	1373	1374
10	18	863	10	9	64	226
77363	200509	7882532	109831	111850	619084	2232025
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.01	0.04	1.38	0.02	0.02	0.11	0.39
1375	1376	1377	1378	1379	1380	1381
183	22	113	280	11	173	817
1956176	169211	964469	2960668	103100	2219007	11029198
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.34	0.03	0.17	0.52	0.02	0.39	1.93
1382	1383	1384	1385	1386	1387	1389
8	8	100	40	17	259	79
125412	63490	1441685	477529	178306	3095086	983762
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.02	0.01	0.25	0.08	0.03	0.54	0.17
1390	1391	1392	1394	1395	1396	1398
5	6	1	18	15	1	30
41894	40065	16637	145708	97391	7205	248099
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.21	0.01	0.00	0.03	0.02	0.00	0.04
1400	1401	1402	1403	1407	1410	1411
16	2070	49	6	1	37	49
118120	24837257	486207	35171	8133	505292	708249
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.02	4.36	0.09	0.01	0.00	0.09	0.12
1412	1413	1420	1421	1422	1423	1424
1123	152	1	2	1	5	20
11942911	1597430	8346	15715	18729	22996	257641
100.00	100.00	100.00	100.00	100.00	100.00	100.00
2.10	0.28	0.00	0.00	0.00	0.00	0.05
1425	1426	1427	1428	1429	1430	1431
9	2	337	11	33	3	3
73911	19152	3490534	119182	329308	12740	16270
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.01	0.00	0.61	0.02	0.06	0.00	0.00

Physician's Diagnosis (Cont.)

1432	1433	1434	1435	1436	1437	1438
20	12	1	32	55	62	41
143742	78863	62	340864	602584	786641	349164
100.00	100.00	00	100.00	100.00	100.00	100.00
0.03	0.01	0.00	0.06	0.11	0.14	0.06
1440	1441	1442	1443	1444	1445	1446
92	19	5	62	20	11	12
830450	158034	18149	627314	122088	77211	100155
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.15	0.03	0.00	0.11	0.02	0.01	0.02
1447	1448	1450	1451	1453	1454	1455
16	8	8	121	6	102	189
136323	114586	111968	1319924	33832	885019	1600655
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.02	0.02	0.02	0.23	0.01	0.16	0.28
1456	1457	1458	1460	1461	1462	1463
3	8	84	217	47	721	406
33259	82465	924552	2510903	647688	9968257	5712916
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.01	0.01	0.16	0.44	0.11	1.75	1.00
1464	1465	1466	1470	1472	1473	1480
118	1349	227	194	20	13	7
1482206	17925488	2644578	3119147	301379	176415	153129
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.26	3.14	0.46	0.55	0.05	0.03	0.03
1481	1482	1483	1484	1485	1486	1490
19	3	3	2	18	97	497
234958	43969	21985	11727	301574	1217003	6596649
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.04	0.01	0.00	0.00	0.05	0.21	1.16
1491	1492	1493	1500	1501	1502	1503
61	116	446	70	5	80	347
595432	1253639	5043942	704467	54645	1070532	4402585
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.10	0.22	0.88	0.12	0.01	0.19	0.78
1504	1505	1506	1507	1508	1510	1511
36	25	7	832	126	2	26
356910	264882	59183	11444396	1437503	9305	291426
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.06	0.05	0.01	2.01	0.25	0.00	0.05

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Physician's Diagnosis (Cont.)

1512	1513	1514	1515	1517	1518	1519
5	4	8	1	19	13	147
40968	45011	78384	3602	311355	96437	1811009
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.01	0.01	0.01	0.00	0.05	0.02	0.32
1520	1521	1522	1523	1524	1525	1526
8	2	9	13	6	2	6
117612	13630	153208	188972	45352	8271	40283
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.02	0.00	0.03	0.03	0.01	0.00	0.01
1527	1528	1529	1530	1531	1532	1533
16	51	9	57	47	79	77
233248	657166	95115	483439	533010	746770	840015
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.04	0.12	0.02	0.08	0.09	0.13	0.15
1534	1535	1536	1537	1540	1541	1542
1	178	47	4	15	15	2
15575	2173384	603833	38149	133120	191039	20184
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.00	0.38	0.11	0.01	0.02	0.03	0.00
1550	1551	1552	1553	1555	1557	1560
125	132	3	5	1	1	16
974336	1453946	22056	37709	12090	78464	135869
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.17	0.26	0.00	0.01	0.00	0.01	0.02
1561	1562	1563	1564	1565	1566	1567
2	103	62	176	45	20	2
5226	1117003	509339	1938432	408074	183660	19969
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.00	0.20	0.09	0.34	0.07	0.03	0.00
1568	1569	1570	1571	1573	1574	1575
7	110	1	54	27	87	53
54270	1148166	9724	512970	360628	742938	732171
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.01	0.20	0.00	0.09	0.06	0.13	0.13
1576	1577	1580	1581	1582	1583	1584
43	18	4	1	26	21	1
455906	206405	18369	33487	203127	141548	3815
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.08	0.04	0.00	0.01	0.04	0.02	0.00

1590	1591	1592	1593	1594	1595	1596
42	3	63	36	14	314	40
450688	30554	574892	343162	159797	3491427	354681
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.00	0.01	0.10	0.06	0.03	0.61	0.06
1597	1598	1599	1600	1601	1602	1603
93	156	294	151	186	13	12
1009772	1714102	3185952	1242791	1938153	167933	121163
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.18	0.30	0.56	0.22	0.34	0.03	0.02
1604	1605	1606	1607	1610	1611	1612
37	22	51	63	184	75	2
382054	174795	192588	566768	1686258	815710	11298
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.07	0.03	0.03	0.10	0.30	0.14	0.00
1613	1614	1615	1616	1620	1621	1622
4	21	29	77	84	50	282
41931	217500	351169	1022531	1145657	619353	3306864
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.01	0.04	0.06	0.18	0.20	0.11	0.58
1623	1624	1625	1626	1627	1628	1629
86	8	59	349	272	51	74
1005191	89975	581243	3933254	3677814	489553	975668
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.18	0.02	0.10	0.69	0.65	0.09	0.17
1631	1632	1634	1635	1636	1637	1638
2	18	20	5	1	7	5
19473	317584	257403	43432	11365	88151	53679
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.00	0.06	0.05	0.01	0.00	0.02	0.01
1640	1641	1643	1644	1672	1673	1677
5	4	8	5	1	2	4
69041	56504	82189	72761	29102	9328	30493
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.01	0.01	0.01	0.01	0.01	0.00	0.01
1678	1680	1681	1682	1683	1684	1685
1	30	41	127	9	52	35
8480	477102	457936	1459888	133757	749090	308483
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.00	0.08	0.08	0.26	0.02	0.13	0.05

1686	1690	1691	1692	1693	1694	1695
83	40	39	725	3	2	50
776049	552952	518988	9879743	35211	34754	632791
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.14	0.10	0.09	1.73	0.01	0.01	0.11
1696	1697	1698	1700	1701	1702	1703
81	14	72	14	117	12	40
1195306	199575	875102	226351	1291479	126778	603384
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.21	0.04	0.15	0.04	0.23	0.02	0.11
1704	1705	1706	1707	1708	1709	1710
51	30	584	68	55	119	28
639319	707613	7788384	743120	654476	1242698	342025
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.11	0.15	1.37	0.13	0.11	0.22	0.06
1712	1713	1714	1715	1716	1717	1718
239	516	18	387	5	313	1
2434767	5865958	232756	4710878	52279	4026720	2943
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.43	1.03	0.04	0.23	0.01	0.71	0.00
1720	1721	1722	1723	1724	1725	1726
14	4	31	72	33	233	5
149347	46606	364160	696511	299751	2114176	34490
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.03	0.01	0.06	0.12	0.05	0.37	0.01
1727	1728	1729	1730	1731	1732	1733
7	255	161	5	457	7	51
42606	2400988	1889059	66639	5331221	80497	468354
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.01	0.42	0.33	0.01	0.94	0.01	0.08
1734	1735	1736	1737	1738	1741	1742
22	41	10	8	55	3	2
197694	391990	92458	138406	509736	17235	9404
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.03	0.07	0.02	0.02	0.09	0.00	0.00
1743	1744	1745	1746	1747	1748	1749
4	8	9	16	6	4	7
21857	78932	85353	133458	36790	52644	54297
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.00	0.01	0.01	0.02	0.01	0.01	0.01

Physician's Diagnosis (Cont.)

1750	1751	1752	1753	1754	1755	1756
4	2	16	13	16	43	36
32543	18692	173157	144275	141670	421212	311823
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.01	0.00	0.03	0.03	0.02	0.07	0.05
1757	1758	1759	1772	1775	1777	1778
82	1	4	1	1	4	6
809053	14801	25560	17183	17311	32223	83550
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.14	0.00	0.00	0.00	0.00	0.01	0.01
1780	1781	1782	1783	1784	1785	1786
304	66	153	198	40	146	124
2913090	643490	1833597	2188229	376093	1583966	1189445
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.51	0.11	0.32	0.38	0.07	0.28	0.21
1787	1788	1789	1790	1791	1792	1793
119	112	70	382	143	24	375
1260561	1276705	743220	3207159	1355076	198734	3981105
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.22	0.22	0.13	0.56	0.24	0.03	0.70
1794	1796	1800	1802	1803	1805	1806
10	235	1	32	8	23	2
147225	2797139	6789	337947	89286	160393	13319
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.03	0.49	0.00	0.06	0.02	0.03	0.00
1807	1808	1810	1811	1812	1813	1814
35	4	37	2	43	118	48
381029	36012	434850	18311	447362	1199804	555830
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.07	0.01	0.00	0.00	0.08	0.21	0.10
1815	1816	1817	1818	1820	1821	1822
43	78	3	7	25	8	24
476984	1055842	15187	155970	229011	86829	280924
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.08	0.19	0.00	0.03	0.04	0.02	0.05
1823	1824	1825	1826	1827	1829	1831
50	71	64	25	2	4	15
519095	734960	692685	268165	39117	73183	144053
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.09	0.13	0.12	0.05	0.01	0.01	0.03

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Physician's Diagnosis (Cont.)

1832	1834	1835	1836	1837	1838	1839
5	5	3	64	2	1	29
63619	91691	26071	684397	20492	10609	118004
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.01	0.02	0.00	0.12	0.00	0.00	0.02
1840	1841	1842	1843	1844	1845	1846
40	8	59	5	81	150	223
620088	129183	664115	59960	988680	2135783	2477768
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.11	0.02	0.12	0.01	0.17	0.37	0.43
1847	1848	1850	1851	1852	1854	1855
434	86	60	4	2	26	1
4980975	828645	492610	21861	11972	203773	2937
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.87	0.15	0.09	0.00	0.00	0.04	0.00
1862	1863	1864	1866	1867	1868	1870
1	2	4	3	2	1	14
4883	45334	21089	28096	7894	17944	166582
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.00	0.01	0.00	0.00	0.00	0.00	0.03
1871	1872	1873	1874	1876	1877	1878
1	8	105	1	1	2	5
3578	125777	1207915	10545	9769	18325	65391
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.00	0.02	0.21	0.00	0.00	0.00	0.01
1879	1880	1881	1882	1883	1884	1885
9	5	21	52	143	8	2
91486	55533	243445	698034	2015480	45900	21064
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.02	0.01	0.04	0.12	0.35	0.01	0.00
1886	1887	1890	1891	1892	1893	1894
7	1	10	44	42	8	2
65566	2084	102770	525635	509173	161995	18399
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.01	0.00	0.02	0.09	0.09	0.03	0.00
1895	1901	1902	1906	1907	1910	1911
1	5	1	1	42	87	9
11894	71192	2943	52645	539983	1033062	90167
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.00	0.01	0.00	0.01	0.09	0.18	0.02

Physician's Diagnosis (Cont.)

1912	1913	1914	1915	1916	1917	1918
2	5	7	7	16	6	26
17345	88404	80525	182447	211458	86917	358938
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.00	0.02	0.01	0.03	0.04	0.02	0.06
1920	1921	1922	1923	1924	1925	1926
52	29	72	16	20	14	25
704238	303866	794277	159534	224989	222187	305002
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.12	0.05	0.14	0.03	0.04	0.04	0.05
1927	1928	1929	1930	1931	1932	1933
77	36	34	72	7	2	1
1038556	404757	437154	917151	144352	14902	3834
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.18	0.07	0.08	0.16	0.03	0.00	0.00
1935	1939	1940	1941	1942	1943	1944
1	3	10	7	3	17	28
40393	23226	218036	97902	44074	212704	326560
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.01	0.00	0.04	0.02	0.01	0.04	0.06
1945	1947	1949	1951	1952	1953	1954
30	3	17	1	4	1	2
333622	25049	250785	6906	51931	6540	16996
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.06	0.00	0.04	0.00	0.01	0.00	0.00
1956	1957	1958	1959	1960	1961	1962
1	3	4	7	11	2	19
9466	39893	34964	48154	126138	62563	262657
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.00	0.01	0.01	0.01	0.02	0.01	0.05
1963	1964	1966	1967	1968	1970	1972
1	1	2	2	1	1	1
4554	6065	28933	13386	7588	2675	10231
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.00	0.00	0.01	0.00	0.00	0.00	0.00
1973	1976	1977	1983	1984	1987	1989
3	1	27	1	1	1	40
56381	3320	318265	6822	4283	4294	818847
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.01	0.00	0.06	0.00	0.00	0.00	0.14

Physician's Diagnosis (Cont.)

1990	1991	1992	1993	1994	1995	1996
1	3	4	5	5	2	111
7053	112936	57896	57200	37950	18033	1050893
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.00	0.02	0.01	0.01	0.01	0.00	0.18
1997	1998	1999	2000	2001	2002	2003
11	82	4	3401	29	365	254
92983	881867	38933	41715736	463132	4716536	2116114
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.02	0.15	0.01	7.32	0.08	0.83	0.37
2004	2005	2006	2007	2008	2009	2010
18	1	1604	180	6	239	1977
180732	40393	20777983	2254232	26984	2490713	19523856
100.00	100.00	100.00	100.00	100.00	100.00	100.00
0.03	0.01	3.64	0.40	0.00	0.44	3.42
2011	2012	2013	2099	KEY		
3	139	3	484	RAW		
17442	1675342	9499	5510229	WT1		
100.00	100.00	100.00	100.00	W1C		
0.00	0.29	0.00	0.97	W1R		

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APPENDIX

SAMPLING ERRORS: The standard error is primarily a measure of the sampling variability that occurs by chance because only a sample, rather than the entire universe, is surveyed. The relative standard error 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. Relative standard errors of selected aggregate statistics are shown in table I. The standard errors appropriate for estimated percentages of visits are shown in table II.

Table I. Approximate relative standard errors of estimated number of office visits, NAMCS 1977

Estimated number of office visits in thousands	Relative standard error in percent
500.....	29.0
600.....	26.5
1,000.....	20.7
2,000.....	14.9
5,000.....	9.9
10,000.....	7.6
20,000.....	6.1
50,000.....	4.9
100,000.....	4.5
500,000.....	4.1

Example of use of table: An aggregate estimate of 75,000,000 visits has a relative standard error of 4.7 percent or a standard error of 3,525,000 visits (4.7 percent of 75,000,000).

Table II. Approximate standard errors of percentages of estimated number of office visits, NAMCS 1977

Base of percentage (number of visits in thousands)	Estimated percentage					
	1 or 99	5 or 95	10 or 90	20 or 80	30 or 70	50
	Standard error in percentage points					
500	2.9	6.3	8.6	11.5	13.2	14.4
600	2.6	5.7	7.9	10.5	12.0	13.1
1,000	2.0	4.4	6.1	8.1	9.3	10.2
2,000	1.4	3.1	4.3	5.7	6.6	7.2
5,000	0.9	2.0	2.7	3.6	4.2	4.5
10,000	0.6	1.4	1.9	2.6	2.9	3.2
20,000	0.5	1.0	1.4	1.8	2.1	2.3
50,000	0.3	0.6	0.9	1.1	1.3	1.4
100,000	0.2	0.4	0.6	0.8	0.9	1.0
500,000	0.1	0.2	0.3	0.4	0.4	0.5

Example of use of table: An estimate of 30 percent based on an aggregate of 15,000,000 visits has a standard error of 2.5 percent. The relative standard error of 30 percent is 8.3 percent (2.5 percent ÷ 30 percent).

APPENDIX

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.

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

Physician.--Can be classified as either:

In-Scope: All duly licensed doctors of medicine and doctors of osteopathy currently in practice who spend some time in 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 spend no time seeing ambulatory patients (e.g., physicians who only teach, are engaged in research, or are retired).

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.

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.

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, excluding Alaska and Hawaii, 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
North Central	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

Metropolitan status of practice location.--Physician's practice is classified by its location in metropolitan or nonmetropolitan areas. Metropolitan areas are standard metropolitan statistical areas (SMSA's) as defined by the U.S. Office of Management and Budget, and the Bureau of the Census.

The definition of an individual SMSA involves two considerations: first, a city or cities of specified population which constitute the central city and identify the county in which it is located as the central county; second, economic and social relationships with "contiguous" counties which are metropolitan in character, so that the periphery of the specific metropolitan area may be determined. SMSA's may cross State lines. In New England SMSA's consist of cities and towns, rather than counties.

1977 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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