Advance Data

From Vital and Health Statistics of the CENTERS FOR DISEASE CONTROL AND PREVENTION/National Center for Health Statistics

Ambulatory Surgery in the United States, 1994

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Abstract

Objectives—This report presents estimates of surgical and nonsurgical procedures done on an ambulatory basis in hospitals and freestanding ambulatory surgery centers in the United States during 1994. Data are presented by types of facilities, age, sex, geographic region, and disposition for ambulatory surgery visits. Major categories of procedures and diagnoses are shown by age, sex, and region.

Methods—The estimates are based on data collected from the National Survey of Ambulatory Surgery, conducted for the first time in 1994 by the National Center for Health Statistics. The 1994 data were abstracted from 118,000 medical records in 494 hospitals and freestanding ambulatory surgery centers.

Keywords: National Survey of Ambulatory Surgery • procedures • diagnoses • outpatients

Highlights

Ambulatory surgery visits

- In 1994, an estimated 28.3 million surgical and nonsurgical procedures were performed during 18.8 million ambulatory surgery visits (table 1).
- The 18.8 million ambulatory surgery visits accounted for 49 percent of the combined total of ambulatory surgery visits and inpatient discharges with surgical and nonsurgical procedures (38.4 million) (figure 1).
- An estimated 16.0 million (85 percent) of the ambulatory

surgery visits occurred in hospitals and 2.9 million (15 percent) occurred in freestanding centers (table 2, figure 2).

- Females had significantly more ambulatory surgery visits (10.7 million) than males (8.2 million) and a significantly higher rate of visits (80.2 per 1,000 population) compared with males (65.0 per 1,000 population) (table 3).
- The rate of ambulatory surgery visits per 1,000 population was higher for males (36.0) than for females (26.2) under 15 years of age and higher for females than for males for the age groups 15–44 (63.4 versus 39.2) and 45–64 years (105.1 versus 88.4). However, there was no significant difference in the rates for males (197.4) and females (173.9) 65 years of age and over (figure 3).
- Almost 90 percent of ambulatory surgery visits were discharged to their

Acknowledgments

This report was prepared in the Division of Health Care Statistics. The staff of the Hospital Care Statistics Branch processed the data and assisted in developing the report. Edmund J. Graves helped prepare the tables, Maria Owings produced the standard errors, Elaine Wood verified the data, and Brenda S. Gillum helped review the data. Eileen McCarthy, of the Technical Services Branch, assisted in creating the diagnostic and procedure categories. Clara Holland, formerly in the Division of Data Processing, was responsible for data processing and medical coding. Iris Shimizu, Office of Research and Methodology, developed the statistical design of the survey and assisted with estimation and variances. Robert Rose, under contract with the Systems Integration Group of TRW, designed and ran the data editing programs. Other computer programming was done by Rong Cai, Flora Lan, and Jerry Lin under contract with the OAO Corporation. Fieldwork and data collection activities were completed under a contractual agreement with the U.S. Bureau of the Census. Stephanie Ventura of the Division of Vital Statistics was the peer reviewer. The report was edited by Klaudia Cox and typeset by Annette F. Holman of the Publications Branch, Division of Data Services.



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





Table 1. Number and rate of visits or discharges and procedures by type of patient: United States, 1994

	Тс	otal	Ambu	llatory ¹	Inpatient ²	
Utilization measure	Estimate	Standard error	Estimate	Standard error	Estimate	Standard error
Number of visits or discharges in thousands ³	38,436	1,051	18,850	806	19,587	674
Rate of visits or discharges per 1,000 population ³	148.4	4.0	72.8	3.1	75.6	2.6
Number of procedures in thousands	68,989	2,043	28,278	1,210	40,710	1,646
Rate of procedures per 1,000 population	266.4	7.9	109.2	4.7	157.2	6.4

¹Data from the 1994 National Survey of Ambulatory Surgery.

²Data from the 1994 National Hospital Discharge Survey.

³Ambulatory surgery visits or discharges of hospital inpatients with procedures.



Figure 1. Utilization measures for ambulatory surgery visits and discharges of hospital inpatients with procedures: United States, 1994

customary residence, but 3.1 percent went to observation status and 1.6 percent were admitted to hospitals as inpatients (table 4).

Ambulatory procedures

- Four procedures were performed more than a million times on ambulatory patients: extraction of lens (1,989,000), endoscopy of large intestine (1,836,000), insertion of prosthetic lens (1,575,000), and endoscopy of small intestine (1,242,000) (figure 4, table 5).
- Females had higher rates per 10,000 population than males for ambulatory procedures such as release of carpal tunnel (17.2 versus 9.4), operations on eyelids (10.3 versus 7.1), extraction (94.0 versus 58.7) and insertion (74.1 versus 46.8) of lens, laparoscopic cholecystectomy (12.0 versus 2.9), and excision and repair of bunion and other toe deformity (16.0 versus 2.4) (tables 6 and 7).
- Males had higher rates per 10,000 population than females for

ambulatory procedures such as myringotomy with insertion of tube (27.0 versus 17.9), adenoidectomy without tonsillectomy (7.6 versus 4.2), bronchoscopy (7.4 versus 5.0), cardiac catheterization (15.7 versus 9.4), repair of inguinal hernia (35.9 versus 3.7), cystoscopy (37.6 versus 23.4), reduction of fracture (9.3 versus 5.6), arthroscopy of knee (27.1 versus 17.1), excision of semilunar cartilage of knee (19.4 versus 10.8), and replacement or other repair of knee (8.9 versus 5.9).

- Ambulatory procedures performed more than 100,000 times on children under 15 years old included myringotomy (556,000), tonsillectomy (263,000), adenoidectomy without tonsillectomy (142,000), and operations on teeth, gums, and alveoli (159,000).
- A variety of ambulatory procedures were performed more than 300,000 times on persons 15–44 years of age: dilation and curettage of uterus (386,000), endoscopy of large intestine (349,000), excision or destruction of lesion or tissue of skin and subcutaneous tissue (342,000), arthroscopy of knee (326,000), laparoscopy (321,000), endoscopy of small intestine (315,000), and bilateral destruction or occlusion of fallopian tubes (314,000).

Table 2. Number and rate of ambulatory surgery visits and procedures, by type of facility: United States, 1994

	All facilities		Hospitals		Freestanding centers	
Utilization measure	Estimate	Standard error	Estimate	Standard error	Estimate	Standard error
Number of visits in thousands	18,850	806	15,973	742	2,877	245
Rate of visits per 1,000 population	72.8	3.1	61.7	2.9	11.1	0.9
Number of procedures in thousands	28,278	1,210	23,969	1,116	4,309	380
Rate of procedures per 1,000 population	109.2	4.7	92.6	4.3	16.6	1.5



Figure 2. Percent distribution of ambulatory surgery visits by type of facility: United States, 1994

- For persons 45–64 years of age, endoscopy of large intestine (661,000) and endoscopy of small intestine (418,000) were frequent ambulatory procedures.
- Common ambulatory procedures for persons 65 years of age and over were extraction of lens (1,658,000), insertion of prosthetic lens (1,305,000), endoscopy of large intestine (815,000), and endoscopy of small intestine (488,000).

Diagnoses for ambulatory surgery visits

- Diagnoses for 500,000 or more ambulatory surgery visits included cataract (1,828,000); malignant neoplasms (830,000); benign neoplasms (1,009,000), especially benign neoplasms of colon (518,000); rheumatism (567,000); and otitis media and Eustachian tube disorders (526,000) (table 8).
- Rates of ambulatory surgery visits per 10,000 population were higher for females than for males for first-listed diagnoses of carpal tunnel syndrome (16.4 versus 9.2), glaucoma (6.6 versus 4.0), cataract (86.9 versus 53.4), gastritis and duodenitis (16.9 versus 11.3), cholelithiasis (10.6 versus 2.8), rheumatism (25.8 versus 17.7), acquired deformities of toe (8.7

versus 1.6), abdominal pain (6.7 versus 3.7), and visit for sterilization (21.3 versus 3.8) (tables 9 and 10).

• Rates of ambulatory surgery visits per 10,000 population were higher for males than for females for first-listed diagnoses of malignant neoplasm of skin (8.2 versus 5.8), benign neoplasm of colon (23.8 versus 16.3), otitis media and Eustachian tube disorders (24.4 versus 16.4), heart disease (14.5 versus 9.0), inguinal hernia (34.2 versus 3.5), calculus of kidney and ureter (7.6 versus 5.1), hematuria (5.7 versus 3.2), internal derangement of knee (8.8 versus 5.6), fractures (13.4 versus 8.2), and current tear of medial cartilage or meniscus of knee (11.9 versus 5.6).

Introduction

This is the first report to present data from the National Survey of Ambulatory Surgery (NSAS). The NSAS was initiated by the National Center for Health Statistics in 1994 to gather and disseminate data about ambulatory surgery. For the NSAS, ambulatory surgery refers to surgical and nonsurgical procedures performed on an ambulatory (outpatient) basis in a hospital or freestanding center's general operating rooms, dedicated ambulatory surgery rooms, and other specialized rooms, such as endoscopy units and cardiac catheterization labs.

Ambulatory surgery has been increasing in the United States since the early 1980's. Two major reasons for the increase are advances in medical technology and cost-containment initiatives. The medical advances include improvements in anesthesia, which enable patients to regain consciousness more quickly with fewer aftereffects, and better analgesics for relief of pain. In addition, minimally invasive and noninvasive procedures are being developed and performed with increasing frequency. Examples include laser surgery, laparoscopy, and endoscopy. These medical advances have made surgery less complex and risky (1).

At the same time, concern about rising health care costs led to changes in the Medicare program that encouraged the development of ambulatory surgery. In the early 1980's, the Medicare program was expanded to cover care in ambulatory surgery centers, and a prospective payment system based on diagnosis-related groups (DRG's) was adopted for hospital inpatient care that created strong financial incentives for hospitals to shift less complex surgery to outpatient settings. Many State Medicaid plans and private insurers followed the lead of the Medicare program and adopted similar policies (2).

As these changes went into effect, many types of surgeries formerly done only on inpatients increasingly were performed during ambulatory visits to hospitals. In addition, the number of freestanding ambulatory surgery centers grew from 239 in 1983 (3) to more than 1,800 in 1993 (4).

The National Hospital Discharge Survey (NHDS), which has been conducted by the National Center for Health Statistics every year since 1965, includes information on surgical and nonsurgical procedures performed in inpatient settings (5). Although NHDS remains a good source of data for procedures that can only be done on an inpatient basis, such as open-heart surgery or cesarean section, NHDS estimates have become incomplete for procedures that can be performed on an Table 3. Number, percent distribution, and rate of ambulatory surgery visits by sex, age, and region: United States, 1994

	Both	sexes	Ма	ale	Fer	nale
Age and region	Estimate	Standard error	Estimate	Standard error	Estimate	Standard error
			Number in	thousands		
Total	18,850	806	8,178	362	10,671	457
Age						
Under 15 years	1,790	93	1,056	57	734	41
15–44 years	6,040	271	2,292	113	3,748	171
45–64 years	4,936	231	2,170	105	2,766	132
65 years and over	6,083	305	2,660	137	3,423	176
Region						
Northeast	4,233	378	1,846	186	2,386	197
Midwest	4,896	472	2,131	213	2,765	265
South	6,251	449	2,654	182	3,597	274
West	3,469	289	1,546	136	1,923	158
			Percent d	istribution		
Total	100.0		100.0		100.0	
Age						
Under 15 years	9.5	0.3	12.9	0.4	6.9	0.2
15–44 years	32.0	0.4	28.0	0.6	35.1	0.6
45–64 years	26.2	0.5	26.5	0.5	25.9	0.5
65 years and over	32.3	0.8	32.5	0.8	32.1	0.9
Region						
Northeast	22.5	1.8	22.6	2.0	22.4	1.6
Midwest	26.0	2.2	26.1	2.3	25.9	2.2
South	33.2	1.9	32.5	1.7	33.7	2.1
West	18.4	1.3	18.9	1.4	18.0	1.3
		Ra	ate per 1,00	00 populati	on	
Total	72.8	3.1	65.0	2.9	80.2	3.4
Age						
Under 15 years	31.2	1.6	36.0	1.9	26.2	1.5
15–44 years	51.4	2.3	39.2	1.9	63.4	2.9
45–64 years	97.1	4.5	88.4	4.3	105.1	5.0
65 years and over	183.4	9.2	197.4	10.2	173.9	9.0
Region						
Northeast	82.5	7.4	74.8	7.5	89.6	7.4
Midwest	79.9	7.7	71.6	7.1	87.8	8.4
South	69.5	5.0	61.2	4.2	77.3	5.9
West	61.5	5.1	55.3	4.9	67.6	5.5

... Category not applicable.

ambulatory basis. The NSAS was undertaken to obtain information about ambulatory procedures. For many types of procedures, data from both the NHDS and the NSAS are now required to obtain national estimates. A report that combines the procedure data from the two surveys is forthcoming.

Information on ambulatory procedures is also collected in two other NCHS surveys. The National Ambulatory Medical Care Survey obtains information on procedures ordered or performed during visits to physicians' offices (6), and the National Hospital Ambulatory Medical Care Survey collects data on procedures ordered or performed during visits to hospital outpatient and emergency departments (7–8).

This report provides the first detailed data from the NSAS. For perspective, the NSAS data on ambulatory procedures in 1994 are compared with estimates of inpatient procedures from the 1994 NHDS (5) in table 1. Estimates from the NSAS are presented for hospitals and freestanding facilities in table 2. Estimates by age, sex, and geographic region are shown in table 3 and by disposition of the ambulatory surgery visit in table 4. The types of procedures performed during these visits (tables 5–7), and diagnoses (tables 8–10) are also shown.

Methods

Source of data

Following a feasibility study in 1988-91 and a pretest in 1993, the NSAS was conducted for the first time in 1994. This survey covers surgical and nonsurgical procedures performed on an ambulatory basis in hospitals and freestanding ambulatory surgery centers. The hospital universe includes noninstitutional hospitals exclusive of Federal, military, and Department of Veterans Affairs hospitals, located in the 50 States and the District of Columbia. Only short-stay hospitals (hospitals with an average length of stay for all patients of fewer than 30 days) or those whose specialty is general (medical or surgical) or children's general are included in the survey. These hospitals must also have six beds or more staffed for patient use. The universe definition is the same as that used for the National Hospital Discharge Survey (5). The sampling frame for the hospital universe consists of eligible hospitals listed in the 1993 SMG Hospital Market Database (9).

The universe of freestanding facilities includes the freestanding ambulatory surgery centers listed in the 1993 SMG Freestanding Outpatient Surgery Center Database (10) and/or Medicare-certified facilities included in the Health Care Financing Administration Provider-of-Services file (11). Facilities specializing in dentistry, podiatry, pain block, abortion, family planning, or birthing are excluded. A detailed description of the development and operation of the NSAS will be provided in a forthcoming report.



Figure 3. Rate of ambulatory surgery visits by age and sex: United States, 1994

Table 4. Number and percent distribution of ambulatory surgery visits by disposition of visit: United States, 1994

	Number in	thousands	Percent distribution		
Disposition	Estimate	Standard error	Estimate	Standard error	
All dispositions	18,850	806	100.0		
Routine discharge to customary residence	16,887	782	89.6	1.6	
Discharge to observation status	581	78	3.1	0.4	
Discharge to recovery care center	*		*		
Admitted to hospital as inpatient	311	42	1.6	0.2	
Surgery canceled or terminated	17	2	0.1	1	
Other dispositions	141	37	0.7	0.2	
Disposition not stated	678	145	3.6	0.8	

... Category not applicable.

* Figure does not meet standard of reliability or precision.

¹Standard error is 0.01.

Sample design

The NSAS uses a multistage probability design with independent samples of hospitals and freestanding ambulatory surgery centers selected at the first or second stages and visits to these facilities selected at the final stage. The NSAS sample includes all facilities with a high annual volume of ambulatory procedures. The remaining sample of facilities is selected using a three-stage stratified cluster design.

The first stage consists of a selection of a subsample of the primary sampling units (PSU's) used in the 1985–94 National Health Interview Survey (12). PSU's are counties, a group of counties, county equivalents (such as parishes or independent cities), or towns and townships (for some

PSU's in New England). The second stage consists of a selection of facilities from the sample PSU's.

At the third stage, a systematic random sample of ambulatory surgery visits is selected. Sampled visits are drawn from all locations within a facility where ambulatory surgery is performed, including main or general operating rooms, all dedicated ambulatory surgery rooms, cystoscopy and endoscopy units, cardiac catheterization labs, and laser procedure rooms (in-scope locations). However, locations within hospitals dedicated exclusively to abortion, dentistry, podiatry, pain block, or small procedures (sometimes referred to as "lump and bump" rooms) are not included. The exclusion of these specialty locations, as well as the exclusion of specialty

facilities, were recommended based on the feasibility study for the NSAS.

There were 751 hospitals and freestanding ambulatory surgery centers in the 1994 NSAS sample. Of these, 134 were found to be out of scope (ineligible) because they went out of business, performed less than 50 ambulatory procedures in the previous year, or otherwise failed to meet the criteria for NSAS. Of the 617 in-scope (eligible) facilities, 494 responded to the survey, for an overall response rate of 80 percent. The response rate was 88 percent for hospitals and 70 percent for freestanding facilities.

Data collection

Sample selection and abstraction of information from medical records were performed at the facilities. Facility staff did the sampling in about 45 percent of facilities that participated in the 1994 survey, and facility staff abstracted the data in approximately two-thirds of the participating facilities. In the remaining facilities, the work was performed by personnel of the U.S. Bureau of the Census acting on behalf of NCHS. Completed abstract forms were sent to NCHS for coding, editing, and weighting.

The abstract form (figure 5) contains items relating to the personal characteristics of the patients such as age, sex, race, and ethnicity. There are administrative items such as date of procedure, disposition, and expected sources of payment. The medical information includes up to seven diagnoses and six procedures, which are coded according to the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD–9–CM) (13).

Estimation and reliability of estimates

Statistics from the NSAS are derived by a multistage estimation procedure that produces essentially unbiased estimates. The estimation procedure has three basic components: (a) inflation by reciprocals of the



Figure 4. Number of selected procedures performed on ambulatory patients: United States, 1994

probabilities of sample selection, (b) adjustment for nonresponse, and (c) population weighting ratio adjustments.

The statistics presented in this report are based on a sample, and therefore may differ from the figures that would be obtained if a complete census had been taken. The standard error is primarily a measure of sampling variability that occurs by chance because only a sample rather than the entire universe is surveyed. Standard errors for the estimates in this report were calculated with SUDAAN software, which takes into account the complex sample design. A description of the software and approach it uses has been published (14).

The chances are about 32 in 100 that an estimate from the sample would differ from a complete census by more than the standard error. The chances are 5 in 100 that the difference would be more than twice the standard error, and about 1 in 100 that the difference would be more than 2.5 times as large as the standard error. The relative standard error is expressed as a percent of an estimate and can be multiplied by the estimate to obtain the standard error.

Because of low reliability, estimates that have a relative standard error of more than 30 percent or are based on a sample of fewer than 30 records are not presented. For these estimates, only an asterisk (*) appears in the tables. Estimates preceded by an asterisk (*) are based on fewer than 60 records and are also considered to have low reliability.

Definitions and limitations

The estimates of procedures shown in this report include surgical procedures (such as tonsillectomy), diagnostic procedures (such as cystoscopy), and other therapeutic procedures (such as injection or infusion of cancer chemotherapeutic substance) reported on the medical record. Data are shown for all-listed procedures, which are all occurrences of the procedures coded regardless of their order on the medical record. In contrast, diagnostic data for ambulatory surgery visits are for the diagnosis listed first on the medical record.

Because certain freestanding facilities and certain specialized locations within hospitals and freestanding facilities are excluded from the NSAS design, ambulatory procedures done in some specialties are not completely measured by the survey. Excluded specialties include dentistry, podiatry, abortion, family planning, birthing, pain block, and small procedures (such as removal of skin lesion). However, procedures in these specialties performed in general operating rooms or other in-scope locations are included in the survey.

In addition, the NSAS does not completely measure ambulatory procedures that are performed in locations such as physicians' offices, for example, endoscopies of large and small intestine, injections of therapeutic substances, skin biopsies, and plastic surgery. The National Ambulatory Medical Care Survey has data about procedures ordered or performed in physicians' offices (6) and the National Hospital Ambulatory Medical Care Survey provides information about procedures ordered or performed in hospital outpatient and emergency departments (7, 8).

The determination of whether an ambulatory surgery facility is a hospital or a freestanding center is based on the SMG universe from which the facility is selected. In most cases, it is apparent whether a facility is a hospital or a freestanding ambulatory surgery center. However, some facilities are not easily classified. For example, a "freestanding" facility may be owned by a hospital but located some distance away. If such a facility is listed separately in the 1993 SMG Freestanding Outpatient Surgery Center Database (10) and is selected into the NSAS sample from this universe, it is considered a freestanding facility.

The distinction between ambulatory and inpatient procedures is not always clear. According to the 1994 NSAS, an estimated 1.6 percent of ambulatory surgery visits were for patients subsequently admitted to the hospital as inpatients. Some of these patients had procedures that are currently performed exclusively on inpatients, such as coronary artery bypass graft, in addition to diagnostic procedures such as cardiac catheterization. These visits and their suspected "inpatient" procedures have not been eliminated because they are operationally part of the survey design, i.e., the procedure is listed in the medical record associated with the sampled visit. However, researchers who use the NSAS public use files may delete them, depending on their analytic objectives.

Estimates in the tables have been rounded to the nearest thousand. Therefore, figures within tables do not always add to the totals. Rates and percents were calculated from unrounded figures and may not agree

Table 5. Number of ambulatory surgery procedures, by procedure category, sex, and age: United States, 1994

[Procedure categories and code numbers are based on the International Classification of Diseases, 9th Revision, Clinical Modification (ICD-9-CM)]

		5	Sex	Age			
Procedure category and ICD-9-CM code		Male	Female	Under 15 years	15–44 years	45–64 years	65 years and ove
			Nur	mber in thousa	inds		
All procedures	28,278	12,331	15,947	2,446	9,006	7,497	9,330
Operations on the nervous system	979	378	601	8	415	336	220
Injection of agent into spinal canal	339	145	194	*	113	114	110
Release of carpal tunnel	348	118	230	*	159	123	66
Operations on the eye	4,551	1,771	2,781	147	222	729	3,453
Operations on eyelids	226	90	137	22	27	62	116
Extraction of lens	1,989	738	1,251	*	45	271	1,658
Insertion of prosthetic lens (pseudophakos)	1,575	588	986	*	32	229	1,305
Operations on the ear	870	503	367	680	92	39	59
Myringotomy with insertion of tube	579	340	239	556	14	*5	*
Operations on the nose, mouth, and pharynx 21–29	2,007	1,041	966	705	785	344	172
Turbinectomy	160	83	77	14	101	37	*9
Repair and plastic operations on the nose	256	136	120	10	167	49	29
Operations on nasal sinuses	409	208	201	48	181	142	39
Operations on teeth, gums, and alveoli	222	124	98	159	44	11	*9
Tonsillectomy with or without adenoidectomy	378	163	215	263	106	*	*
Adenoidectomy without tonsillectomy	152	96	56	142	*8	*	*
Operations on the respiratory system 30–34	341	191	150	27	58	125	132
Bronchoscopy with or without biopsy	160	93	66	*	15	57	79
Operations on the cardiovascular system	688	378	309	*	125	271	276
Cardiac catheterization	323	198	125	*	37	150	131
Operations on the digestive system	6,174	2,838	3,336	181	1,812	1,963	2,217
Esophagoscopy and gastroscopy	223	101	122	4	48	70	101
Dilation of esophagus	241	124	117	*3	37	83	118
Endoscopy of small intestine with or without biopsy 45.11–45.14,45.16	1,242	543	699	20	315	418	488
Endoscopy of large intestine with or without biopsy 45.21–45.25	1,836	837	1,000	12	349	661	815
Endoscopic polypectomy of large intestine	462	257	206	*	36	175	250
Laparoscopic cholecystectomy	195	36	159		100	64	30
Repair of inguinal hernia	501	452	49	87 *5	158	118	138
Laparoscopy	392	31 852	361 563	*5 78	321 312	55 419	11 606
Operations on the urinary system	1,415						
Cystoscopy with or without biopsy	784 549	473 549	311	31 159	160 147	232 97	361 146
Operations on the male genital organs	2,060		2,060	10	1,554	402	94
Bilateral destruction or occlusion of fallopian tubes	2,000		2,000	10	314	402	- 54
Hysteroscopy	198	• • •	198	_	116	71	 10
Dilation and curettage of uterus	597		597	*	386	167	43
Operations on the musculoskeletal system	3,727	1,954	1,772	158	1,884	1,168	43 517
Partial excision of bone	227	1,304	115	10	110	79	28
Reduction of fracture	192	117	75	44	94	33	20
Removal of implanted devices from bone	170	93	77	16	88	45	21
Excision and repair of bunion and other toe deformities	243	30	213	*5	82	101	55
Arthroscopy of knee	569	340	228	10	326	163	70
Excision of semilunar cartilage of knee	387	244	143	*5	193	127	62
Replacement or other repair of knee	191	112	79	*	117	53	18
Operations on muscle, tendon, fascia and bursa	580	280	299	28	269	194	90
Operations on the integumentary system	2,271	668	1,603	108	877	741	546
Biopsy of breast	369	*5	364	*	131	148	87
Local excision of lesion of breast (lumpectomy)	355	*12	343	*	146	131	76
Excision or destruction of lesion or tissue of skin and subcutaneous							
tissue	900	440	460	69	342	249	240
Miscellaneous diagnostic and therapeutic procedures	2,479	1,158	1,322	157	661	815	847
Arteriography and angiocardiography using contrast material 88.4-88.5	553	322	230	*	58	249	243
Injection or infusion of therapeutic or prophylactic substance 99.1-99.2	209	93	116	*	65	60	72
Operations on the endocrine system, operations on the hemic and lymphatic system, and obstetrical procedures	168	50	118	12	62	49	44

* Figure does not meet standard of reliability or precision.

. . . Category not applicable. – Quantity zero.

Table 6. Rate of ambulatory surgery procedures, by procedure category, sex, and age: United States, 1994

[Procedure categories and code numbers are based on the International Classification of Diseases, 9th Revision, Clinical Modification (ICD-9-CM)]

		5	Sex		Age			
Procedure category and ICD-9-CM code	Total	Male	Female	Under 15 years	15–44 years	45–64 years	65 years and over	
			Rate	per 10,000 po	pulation			
All procedures	1,092.1	979.9	1,198.2	426.5	765.9	1,474.4	2,813.7	
Operations on the nervous system	37.8	30.0	45.2	1.4	35.3	66.1	66.3	
Injection of agent into spinal canal	13.1	11.5	43.2 14.6	*	9.6	22.5	33.3	
Release of carpal tunnel	13.4	9.4	17.2	*	13.5	24.1	20.0	
Operations on the eye	175.8	140.7	208.9	25.6	18.9	143.4	1,041.4	
Operations on eyelids	8.7	7.1	10.3	3.9	2.3	12.2	34.9	
Extraction of lens	76.8	58.7	94.0	*	3.8	53.3	500.1	
Insertion of prosthetic lens (pseudophakos)	60.8	46.8	74.1	*	2.8	45.0	393.6	
Operations on the ear	33.6	40.0	27.6	118.7	7.8	7.7	17.7	
Myringotomy with insertion of tube	22.4	27.0	17.9	96.9	1.2	*1.0	*	
Operations on the nose, mouth, and pharynx	77.5	82.8	72.6	123.0	66.8	67.7	52.0	
Turbinectomy	6.2	6.6	5.8	2.4	8.6	7.2	*2.7	
Repair and plastic operations on the nose	9.9	10.8	9.0	1.8	14.2	9.7	8.8	
Operations on nasal sinuses	15.8	16.5	15.1	8.3	15.4	27.9	11.7	
Operations on teeth, gums, and alveoli	8.6	9.9	7.4	27.8	3.7	2.1	*2.6	
Tonsillectomy with or without adenoidectomy 28.2–28.3	14.6	13.0	16.2	45.9	9.0	*	*	
Adenoidectomy without tonsillectomy	5.9	7.6	4.2	24.8	*0.6	*	*	
Operations on the respiratory system	13.2	15.2	11.3	4.6	4.9	24.5	39.7	
Bronchoscopy with or without biopsy	6.2	7.4	5.0	*	1.3	11.3	23.7	
Operations on the cardiovascular system	26.6	30.1	23.2	*	10.6	53.2	83.3	
Cardiac catheterization	12.5	15.7	9.4	*	3.2	29.6	39.4	
Operations on the digestive system	238.4	225.6	250.6	31.6	154.1	386.1	668.7	
Esophagoscopy and gastroscopy	8.6	8.0	9.2	0.7	4.1	13.9	30.4	
Dilation of esophagus	9.3	9.9	8.8	*0.5	3.1	16.3	35.7	
Endoscopy of small intestine with or without biopsy 45.11–45.14,45.16	48.0 70.9	43.1 66.5	52.5 75.1	3.5 2.0	26.8 29.7	82.3 129.9	147.2 245.6	
Endoscopy of large intestine with or without biopsy	17.9	20.4	15.4	2.0	29.7 3.1	34.5	245.0 75.3	
	7.5	20.4	12.0	*	8.5	12.6	9.0	
Laparoscopic cholecystectomy 51.23 Repair of inguinal hernia 53.0–53.1	19.3	35.9	3.7	15.2	13.4	23.2	9.0 41.5	
Laparoscopy	15.1	2.4	27.2	*0.9	27.3	10.8	3.2	
Operations on the urinary system.	54.6	67.7	42.3	13.6	26.5	82.4	182.9	
Cystoscopy with or without biopsy	30.3	37.6	23.4	5.4	13.6	45.6	108.8	
Operations on the male genital organs	21.2	43.6		27.7	12.5	19.0	43.9	
Operations on the female genital organs	79.6		154.8	1.8	132.1	79.0	28.4	
Bilateral destruction or occlusion of fallopian tubes	12.3		24.0	-	26.7	*	-	
Hysteroscopy	7.6		14.9	-	9.9	14.1	3.1	
Dilation and curettage of uterus	23.0		44.8	*	32.8	32.8	13.1	
Operations on the musculoskeletal system	143.9	155.3	133.2	27.5	160.2	229.6	156.1	
Partial excision of bone	8.8	8.9	8.6	1.7	9.4	15.5	8.4	
Reduction of fracture	7.4	9.3	5.6	7.7	8.0	6.5	6.2	
Removal of implanted devices from bone	6.6	7.4	5.8	2.8	7.5	8.8	6.3	
Excision and repair of bunion and other toe deformities	9.4	2.4	16.0	*0.9	7.0	19.8	16.7	
Arthroscopy of knee	22.0	27.1	17.1	1.8	27.7	32.1	21.0	
Excision of semilunar cartilage of knee	14.9	19.4	10.8	*0.8	16.4	25.0	18.8	
Replacement or other repair of knee	7.4	8.9	5.9	*	9.9	10.4	5.6	
Operations on muscle, tendon, fascia and bursa	22.4	22.3	22.5	4.8	22.8	38.1	27.2	
Operations on the integumentary system	87.7	53.1	120.4	18.8	74.6	145.7	164.6	
Biopsy of breast	14.2	*0.4	27.4	*	11.2	29.1	26.3	
Local excision of lesion of breast (lumpectomy)	13.7	*1.0	25.8	*	12.5	25.7	23.0	
Excision or destruction of lesion or tissue of skin and subcutaneous	34.8	35.0	34.6	12.0	29.1	49.0	72.4	
tissue	34.8 95.8	35.0 92.0	34.6 99.3	27.4	29.1 56.2	49.0 160.3	255.3	
Arteriography and angiocardiography using contrast material 88.4–88.5	95.8 21.3	92.0 25.6	99.3 17.3	*	5.0	49.1	73.2	
Injection or infusion of therapeutic or prophylactic substance 99.1–99.2	8.1	23.0 7.4	8.7	*	5.6	49.1	21.6	
Operations on the endocrine system, operations on the hemic and lymphatic	0.1		0.7		0.0		21.0	
system, and obstetrical procedures	6.5	3.9	8.9	2.2	5.3	9.6	13.3	

* Figure does not meet standard of reliability or precision.

. . . Category not applicable. – Quantity zero.

Table 7. Relative standard errors for number and rate of ambulatory surgery procedures by procedure category, sex, and age: United States, 1994

[Procedure categories and code numbers are based on the International Classification of Diseases, 9th Revision, Clinical Modification (ICD-9-CM)]

		Sex		Age			
Procedure category and ICD-9-CM code	Total	Male	Female	Under 15 years	15–44 years	45–64 years	65 years and over
		Standard e	error as a per	cent of the nu	mber or rate	of procedu	res
All procedures	4.28	4.48	4.26	5.29	4.49	4.91	4.90
Operations on the nervous system	7.11	8.30	6.99	23.60	8.07	8.21	7.85
Injection of agent into spinal canal	11.88	12.88	11.89		15.84	12.49	12.97
Release of carpal tunnel	5.98	7.61	6.43		8.09	7.23	9.18
Operations on the eye	5.78	6.21	5.88	12.58	11.05	6.87	6.06
Operations on eyelids	8.32	10.26	9.68	20.93	16.65	13.19	8.90
Extraction of lens	6.56	6.86	6.70		21.68	7.96	6.62
Insertion of prosthetic lens (pseudophakos)	5.88	6.12	6.13		17.47	7.20	5.98
Operations on the ear	5.93	6.18	6.46	6.19	10.27	15.64	12.58
Myringotomy with insertion of tube	6.47	6.92	6.87	6.51	19.13	25.75	
Operations on the nose, mouth, and pharynx	5.33	5.35	5.90	6.27	6.27	9.23	11.08
Turbinectomy	10.59	10.80	12.57	18.35	11.44	15.80	22.91
Repair and plastic operations on the nose	8.09	9.31	8.75	20.63	8.39	12.68	16.06
Operations on nasal sinuses	8.54	9.83	9.92	19.09	9.04	12.02	18.25
Operations on teeth, gums, and alveoli	15.55	16.49	16.37	19.94	19.43	23.37	23.61
Tonsillectomy with or without adenoidectomy	7.15 9.34	7.68 10.37	8.08 11.59	7.17 9.42	8.63 29.40		
Adenoidectomy without tonsillectomy	9.34 7.86	9.72	8.73	9.42 20.22	29.40 12.81	9.74	10.68
Bronchoscopy with or without biopsy	10.16	12.40	11.47		16.68	11.82	12.67
	9.57	12.40	9.72		9.65	12.80	12.07
Operations on the cardiovascular system	9.37 14.17	13.90	16.63	•••	18.88	16.71	13.84
Operations on the digestive system	6.27	6.37	6.36	7.93	5.41	7.04	7.68
Esophagoscopy and gastroscopy	14.82	16.09	15.48	25.03	17.42	15.29	18.12
Dilation of esophagus	21.88	20.17	24.69	28.02	28.48	24.11	20.47
Endoscopy of small intestine with or without biopsy 45.11–45.14,45.16	9.49	9.57	9.86	16.77	9.06	9.45	11.56
Endoscopy of large intestine with or without biopsy	7.76	8.24	7.63	21.68	8.85	8.09	8.25
Endoscopic polypectomy of large intestine	10.45	11.50	10.33		12.05	12.12	11.23
Laparoscopic cholecystectomy	8.87	16.15	8.54		9.99	11.27	15.06
Repair of inguinal hernia	4.43	4.60	9.33	9.03	6.43	7.29	7.23
Laparoscopy	6.25	14.47	6.36	28.38	6.29	14.99	18.68
Operations on the urinary system	8.33	8.89	9.45	17.70	10.09	9.34	9.10
Cystoscopy with or without biopsy	10.28	10.40	11.86	23.66	11.77	10.26	11.55
Operations on the male genital organs	6.19	6.19		9.63	7.65	11.23	9.46
Operations on the female genital organs	5.12		5.12	21.56	5.50	7.99	10.55
Bilateral destruction or occlusion of fallopian tubes	7.47		7.47		7.57		
Hysteroscopy	8.15		8.15		8.67	12.72	18.23
Dilation and curettage of uterus	5.35		5.35		6.13	6.66	11.15
Operations on the musculoskeletal system	5.98	6.79	5.65	8.44	6.94	6.36	6.61
Partial excision of bone	6.94	8.88	7.71	26.37	9.36	8.90	12.95
Reduction of fracture	8.27	9.32	9.33	13.36	9.67	11.97	15.44
Removal of implanted devices from bone	7.79	9.91	9.59	17.20	9.90	10.56	14.52
Excision and repair of bunion and other toe deformities	8.19	11.04	8.77	28.43	10.23	10.82	12.04
Arthroscopy of knee	7.57	7.98	7.90	18.35	8.52	8.32	11.42
Excision of semilunar cartilage of knee	7.34	7.45	8.55	26.26	8.42	8.56	10.76
Replacement or other repair of knee	9.84	12.83	9.20		12.69	10.28	15.80
Operations on muscle, tendon, fascia and bursa	5.68	6.56	6.24	12.67	6.89	7.52	8.46
Operations on the integumentary system	5.02	7.57	4.87	8.49	5.72	5.53	5.94
Biopsy of breast	7.71	25.81	7.63		9.87	8.58	9.10
Local excision of lesion of breast (lumpectomy)	7.69	20.14	7.64		9.84	7.64	11.46
Excision or destruction of lesion or tissue of skin and subcutaneous	6 95	0.00	6 40	10.05	7 50	7 40	0.07
tissue	6.85	8.26	6.43	10.25	7.53	7.40	8.97
Miscellaneous diagnostic and therapeutic procedures	10.60	9.27	12.43	10.07	14.05	10.78	10.65
Arteriography and angiocardiography using contrast material 88.4–88.5	14.00	12.80	17.08		19.74 19.70	17.21	13.77
Injection or infusion of therapeutic or prophylactic substance 99.1–99.2 Operations on the endocrine system, operations on the hemic and lymphatic	14.60	13.94	17.07	•••	19.70	14.03	16.69
operations on the endounne system, operations on the hermic and lymphatic			10.15	15.55			12.81

... Category not applicable.

NOTE: The standard error of a number or rate in tables 5 or 6 can be obtained by multiplying the estimate by the corresponding relative standard error, shown as a percent, in this table.

Table 8. Number of ambulatory surgery visits by first-listed diagnosis, sex, and age: United States, 1994

[Diagnostic categories and code numbers are based on the International Classification of Diseases, 9th Revision, Clinical Modification (ICD-9-CM)]

			Sex	Age			
Category of first-listed diagnosis and ICD-9-CM code	Total	Male	Female	Under 15 years	15–44 years	45–64 years	65 years and over
			Nur	nber in thous	ands		
All conditions	18,850	8,178	10,671	1,790	6,040	4,936	6,083
Infectious and parasitic diseases	101	51	50	10	63	19	*9
Neoplasms	1,968	906	1,061	49	397	641	880
Malignant neoplasms	830	390	440	10	124	261	436
Malignant neoplasm of skin	180	103	77	*	18	47	114
Malignant neoplasm of breast	127	*	125	*	25	57	45
Benign neoplasms	1,009	453	556	36	249	346	379
Benign neoplasm of colon	518	300	218	*	41	194	280
Lipoma	111	49	62	*	47	44	19
Endocrine, nutritional and metabolic diseases, and immunity disorders 240–279	123	42	81	*	42	42	37
Diseases of the nervous system and sense organs	3,575	1,472	2,103	626	400	582	1,966
Carpal tunnel syndrome	334	116	218	*	151	118	64
Glaucoma	137	50	88	*	*5	26	104
Cataract	1,828	672	1,156	6	30	256	1,536
Otitis media and Eustachian tube disorders	526	308	218	498	16	*6	*
Diseases of the circulatory system	736	387	350	*	148	310	267
Heart disease	302	183	119	*	26	128	142
Hemorrhoids	233	105	128		71	109	51
Diseases of the respiratory system	878	421	457	321	328	146	83
Deviated nasal septum	149	81	68	*4	105	29	
Chronic sinusitis	122 370	56 165	66 204	15 268	50 95	42	14
Chronic disease of tonsils and adenoids		1,573		200	95 888	928	1,078
Diseases of the digestive system	3,116 135	71	1,543 64	88	000 37	920 *6	1,078
Diseases of esophagus	424	209	215	8	107	144	167
Ulcer of stomach and small intestine	424 125	209 52	74	*	27	41	56
Gastritis and duodenitis	368	143	225	*4	100	115	148
Inguinal hernia	476	430	46	79	151	114	131
Noninfectious enteritis and colitis	197	85	112	*	83	62	49
Diverticula of intestine	320	135	184	*	14	91	214
Cholelithiasis	176	35	141	*	84	57	35
Diseases of the genitourinary system	2,335	690	1,644	128	1,043	683	481
Calculus of kidney and ureter	164	96	68	*	71	60	33
Hematuria	114	71	43	*	24	38	47
Benign mammary dysplasias	176	*	174	*	72	73	29
Lump or mass in breast	233	*5	228	*	95	87	50
Disorders of menstruation and other abnormal vaginal bleeding 626,627.0-627.1	269		269	*	141	104	23
Complications of pregnancy, childbirth, and the puerperium	234		234	*	231	*	
Abortion and ectopic and molar pregnancy	203		203	*	200	*	
Diseases of the skin and subcutaneous tissue	476	224	252	34	207	127	108
Sebaceous cyst	130	67	63	*	56	40	25
Diseases of the musculoskeletal system and connective tissue	1,693	738	955	43	773	560	317
Arthropathies and related disorders	475	255	220	9	240	148	77
Internal derangement of knee	186	111	75	*	114	48	20
Intervertebral disc disorders	114	59	55	_	58	*	19
Lumbago	111	47	64	*	38	37	35
Rheumatism, excluding back	567	223	344	15	264	200	87
Acquired deformities of toe	136	21	116		44	56	33
Congenital anomalies	227	115	112	96 56	64 224	24	43
Symptoms, signs, and ill-defined conditions	1,011	414	597	56 *	324	316	314
Abdominal pain	137	47	90 402		57 577	37	36
njury and poisoning	1,187	694 169	493	125	577	301	184
Fractures	278 224	169 149	109 75	64 *	149 114	41 78	24 29
Current tear of medial cartilage or meniscus of knee	224 1,068	149 402	75 666	52	114 532	78 221	29 263
Supplementary classification	331	402 48	283	ىدن *	532 320	۲ کے *	203
Visit for sterilization	331	40	203		320		_
conditions originating in the perinatal period	122	49	73	*	24	33	54

* Figure does not meet standard of reliability or precision.

... Category not applicable.
 – Quantity zero.

Table 9. Rate of ambulatory surgery visits by first-listed diagnosis, sex, and age: United States, 1994

[Diagnostic categories and code numbers are based on the International Classification of Diseases, 9th Revision, Clinical Modification (ICD-9-CM)]

		Sex		Age			
Category of first-listed diagnosis and ICD-9-CM code	Total	Male	Female	Under 15 years	15–44 years	45–64 years	65 years and ove
			Rate	per 10,000 p	opulation		
All conditions	728.0	649.9	801.8	312.2	513.7	970.7	1,834.5
nfectious and parasitic diseases	3.9	4.1	3.7	1.7	5.3	3.8	*2.6
leoplasms	76.0	72.0	79.8	8.6	33.8	126.1	265.3
Malignant neoplasms	32.1	31.0	33.0	1.7	10.5	51.3	131.4
Malignant neoplasm of skin	6.9	8.2	5.8	*	1.5	9.3	34.3
Malignant neoplasm of breast	4.9	*	9.4	*	2.1	11.2	13.5
Benign neoplasms	39.0	36.0	41.8	6.2	21.2	68.0	114.3
Benign neoplasm of colon	20.0	23.8	16.3	*	3.5	38.1	84.6
Lipoma	4.3	3.9	4.7	*	4.0	8.7	5.7
Endocrine, nutritional and metabolic diseases, and immunity disorders 240–279	4.8	3.3	6.1	*	3.6	8.3	11.1
Diseases of the nervous system and sense organs	138.1	117.0	158.0	109.3	34.1	114.4	593.0
Carpal tunnel syndrome	12.9	9.2	16.4	*	12.9	23.2	19.4
Glaucoma	5.3	4.0	6.6	*	*0.4	5.2	31.5
Cataract	70.6	53.4	86.9	1.1	2.5	50.4	463.1
Otitis media and Eustachian tube disorders	20.3	24.4	16.4	86.9	1.3	*1.3	
Diseases of the circulatory system	28.4	30.7	26.3	*	12.6	61.1	80.5
Heart disease	11.7	14.5	9.0	*	2.2	25.3	42.9
Hemorrhoids	9.0	8.4	9.6	*	6.0	20.0	15.3
Diseases of the respiratory system	33.9	33.5	34.3	56.1	27.9	28.6	25.2
Deviated nasal septum	5.8	6.5	5.1	*0.7	8.9	5.8	20.2
Chronic sinusitis	4.7	4.5	4.9	2.6	4.3	8.3	4.2
Chronic disease of tonsils and adenoids	14.3	13.1	15.4	46.7	4.3 8.1	*	
Diseases of the digestive system	120.3	125.0	115.9	38.8	75.5	182.4	325.0
	5.2	5.6	4.8	15.4	3.1	*1.2	525.0
Diseases of teeth and supporting structures	16.4	16.6	16.2	1.3	9.1	28.2	50.3
Diseases of esophagus	4.8	4.1	5.5	*	2.3	20.2 8.1	17.0
Gastritis and duodenitis	4.0 14.2	11.3	16.9	*0.7	2.3 8.5	22.7	44.7
Inguinal hernia	18.4	34.2 6.7	3.5 8.4	13.8	12.9 7.0	22.5 12.1	39.6
Noninfectious enteritis and colitis	7.6		0.4 13.8	*	7.0 1.2	12.1	14.8 64.4
Diverticula of intestine	12.3	10.8	10.6	*	7.1		10.5
Cholelithiasis	6.8	2.8	123.5			11.1	
Diseases of the genitourinary system	90.2	54.8		22.2	88.7	134.4	145.0
Calculus of kidney and ureter	6.3	7.6	5.1	*	6.0	11.7	9.9
Hematuria	4.4	5.7	3.2	*	2.0	7.6	14.3
Benign mammary dysplasias	6.8		13.1	*	6.1	14.3	8.9
Lump or mass in breast	9.0	*0.4	17.1	*	8.1	17.1	15.2
Disorders of menstruation and other abnormal vaginal bleeding 626,627.0–627.1	10.4		20.2	*	12.0	20.5	7.0
Complications of pregnancy, childbirth, and the puerperium	9.0		17.6	*	19.7		••
Abortion and ectopic and molar pregnancy	7.8		15.2		17.0	05 0	
Diseases of the skin and subcutaneous tissue	18.4	17.8	18.9	5.9	17.6	25.0	32.7
Sebaceous cyst	5.0	5.4	4.7	7.5	4.8	7.9	7.4
Diseases of the musculoskeletal system and connective tissue	65.4	58.7	71.8	7.5	65.7	110.1	95.
Arthropathies and related disorders	18.3	20.2	16.6	1.7	20.4	29.1	23.
Internal derangement of knee	7.2	8.8	5.6		9.7	9.5	5.9
Intervertebral disc disorders	4.4	4.7	4.1	_	4.9		5.
Lumbago	4.3	3.8	4.8	*	3.3	7.3	10.
Rheumatism, excluding back	21.9	17.7	25.8	2.7	22.4	39.4	26.3
Acquired deformities of toe	5.3	1.6	8.7	*	3.8	10.9	10.
ongenital anomalies	8.8	9.1	8.4	16.8	5.4	4.7	13.
hymptoms, signs, and ill-defined conditions	39.0	32.9	44.8	9.8	27.6	62.2	94.
Abdominal pain	5.3	3.7	6.7	*	4.8	7.2	11.0
njury and poisoning	45.8	55.2	37.0	21.9	49.1	59.2	55.3
Fractures	10.7	13.4	8.2	11.1	12.6	8.1	7.
Current tear of medial cartilage or meniscus of knee	8.7	11.9	5.6	*	9.7	15.4	8.8
Supplementary classification	41.2	31.9	50.1	9.1	45.2	43.5	79.2
Visit for sterilization	12.8	3.8	21.3	*	27.2	*	-
Diseases of the blood and blood-forming organs, mental disorders, and certain conditions originating in the perinatal period	4.7	3.9	5.5	*	2.1	6.5	16.2

* Figure does not meet standard of reliability or precision.

... Category not applicable.

- Quantity zero.

Table 10. Relative standard errors for number and rate of ambulatory surgery visits by first-listed diagnoses, sex, and age: United States, 1994

[Diagnostic categories and code numbers are based on the International Classification of Diseases, 9th Revision, Clinical Modification (ICD-9-CM)]

		Sex		Age			
Category of first-listed diagnosis and ICD-9-CM code	Total	Male	Female	Under 15 years	15–44 years	45–64 years	65 years and ove
		Standard	l error as a p	ercent of the	number or	rate of vis	its
All conditions	4.28	4.43	4.28	5.21	4.48	4.68	5.01
Infectious and parasitic diseases	7.41	9.93	11.04	20.49	8.84	21.84	25.91
Neoplasms	5.50	6.30	5.56	8.34	6.45	6.37	6.38
Malignant neoplasms	5.60	6.92	5.53	19.38	7.90	6.62	6.74
Malignant neoplasm of skin	7.99	9.40	9.21		16.41	10.71	9.66
Malignant neoplasm of breast	7.78		7.55		14.48	11.40	11.07
Benign neoplasms	7.02	8.31	7.03	9.36	7.76	8.51	9.02
Benign neoplasm of colon	9.80	10.70	9.62		13.40	10.49	10.46
Lipoma	9.52	13.19	12.22		15.65	13.34	16.34
Endocrine, nutritional and metabolic diseases, and immunity disorders 240–279	9.06	12.87	10.57		14.28	11.80	14.34
Diseases of the nervous system and sense organs	4.79	4.88	4.95	5.74	6.20	5.39	6.06
Carpal tunnel syndrome	5.94	7.49	6.37		7.72	7.21	9.29
Glaucoma	13.61	14.86	14.94		23.91	19.14	14.08
Cataract	6.54	6.83	6.71	26.87	11.85	7.85	6.56
Otitis media and Eustachian tube disorders	6.13 9.04	6.73	6.53	6.25	16.02 8.70	22.61 11.04	10.56
Diseases of the circulatory system	9.04 14.93	9.10 14.19	9.78 17.98		8.70 18.97	11.04 18.10	10.56
Hemorrhoids	9.22	10.49	17.98		10.69	10.79	14.87
Diseases of the respiratory system	5.97	6.56	6.44	6.55	6.64	9.32	10.27
Deviated nasal septum	8.15	10.23	10.14	20.06	8.52	13.26	
Chronic sinusitis	9.45	12.92	11.00	16.53	10.80	13.52	20.86
Chronic disease of tonsils and adenoids	7.02	7.55	8.53	7.10	9.13		
Diseases of the digestive system	5.97	5.44	6.89	9.13	5.71	6.62	7.73
Diseases of teeth and supporting structures	14.87	15.27	16.78	18.77	22.39	22.65	
Diseases of esophagus	11.84	12.46	12.21	25.69	12.79	11.69	14.07
Ulcer of stomach and small intestine	9.68	11.41	11.17		15.26	15.36	12.66
Gastritis and duodenitis	10.61	11.17	11.31	29.18	11.46	13.51	12.88
Inguinal hernia	4.50	4.69	9.75	9.25	6.36	7.28	7.39
Noninfectious enteritis and colitis	9.36	12.29	8.94		9.79	12.85	15.63
Diverticula of intestine	10.37	11.57	10.91		21.17	12.45	10.62
Cholelithiasis	7.84	14.02	7.94		9.89	9.58	12.97
Diseases of the genitourinary system	5.62	7.34	5.46	10.34	5.49	6.02	8.65
Calculus of kidney and ureter	11.98	12.51	14.04		15.14	13.39	15.10
Hematuria	14.45	13.57	19.19		22.94	15.57	17.39
Benign mammary dysplasias	11.66 10.60	29.37	11.69 10.69		14.35 11.59	11.83 12.19	13.47 13.66
Lump or mass in breast	6.61	29.37	6.61		8.47	8.05	14.51
Complications of pregnancy, childbirth, and the puerperium	8.66		8.66		8.67	0.00	
Abortion and ectopic and molar pregnancy	9.16		9.16		9.18		
Diseases of the skin and subcutaneous tissue	7.96	9.16	8.13	15.57	8.69	9.17	11.63
Sebaceous cyst	12.41	13.15	14.96		12.24	14.52	14.66
Diseases of the musculoskeletal system and connective tissue	6.23	6.28	6.56	11.99	6.30	7.58	7.29
Arthropathies and related disorders	6.40	6.40	7.90	21.92	7.23	7.89	10.64
Internal derangement of knee	7.45	8.10	9.41		8.58	9.31	17.28
Intervertebral disc disorders	22.81	23.71	23.52		23.40		22.12
Lumbago	13.74	14.30	14.97		16.63	15.30	13.97
Rheumatism, excluding back	5.53	6.85	6.69	14.32	6.26	7.55	9.25
Acquired deformities of toe	8.15	12.88	8.56		11.94	9.55	12.57
Congenital anomalies	8.16	8.82	9.97	11.69	12.09	15.49	15.73
Symptoms, signs, and ill-defined conditions	13.49	12.88	14.14	16.05	15.30	13.61	13.29
Abdominal pain	12.13	15.76	11.89		13.44	15.35	19.19
njury and poisoning	5.95 6 77	6.40 7.51	6.48 8.20	8.04	7.32	6.40	7.13
Fractures	6.77 8 85	7.51	8.20	10.58	8.44	9.43 10.45	13.15
Current tear of medial cartilage or meniscus of knee	8.85 10.50	8.66 13.83	11.17 9.37	25.28	9.67 8.03	10.45 13.08	16.14 15.50
Supplementary classification	10.59 7.36	13.83	9.37 7.78		8.03 7.27		
Diseases of the blood and blood-forming organs, mental disorders, and certain	1.50	10.07	1.10		1.21		
conditions originating in the perinatal period	12.96	13.57	16.47		17.46	16.97	14.84

... Category not applicable.

NOTE: The standard error of a number or rate in tables 8 or 9 can be obtained by multiplying the estimate by the corresponding relative standard error, shown as a percent, in this table.

· · · · · · · · · · · · · · · · · · ·		OMB No	. 0920-0334: Approval Expires 12/31/9
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(12-14-93)	BUREAU OF	NT OF COMMERCE THE CENSUS	
		ECTING AGENT FOR	
		EALTH SERVICE	
		OR HEALTH STATISTICS	
NATION		AMBULATORY SUR	GERY
	MEDICAL	ABSTRACT	
	A. PATIENT	DENTIFICATION	
1. Facility number 2. NSA	S number and list used	3. Medical record number	:F
4. Date of surgery		5. Residence ZIP Code	
Month Day	Year		
	B. PATIENT C	HARACTERISTICS	
6. Date of birth		7. Age (Complete only if da	te of birth not given)
Month Day	Year		'ears ₂□ Months ₃□ Days
2 ☐ Female 2 ☐ E 3 ☐ Not stated 3 ☐ A	Vhite ₄□A Black ₅□O	sian/Pacific Islander ther – <i>Specify</i> ot stated	10. Ethnicity (Mark (X) one) 1 Hispanic origin 2 Non-Hispanic 3 Not stated
 11. Status/Disposition of patient (<i>I</i> 1 Routine discharge to custo residence 2 Discharge to observation s 	mary ₄□Admitt ₅□Surger	ted to hospital as inpatient ry canceled or terminated - Specify z	7 Status/Disposition not stated
з 🗆 Discharge to recovery care	center		
	C. PAYM	ENT DATA	
12. Expected source(s) of payment		Principal (Mark (X) one	
(a Worker's or	mpensation		
	· · · · · · · · · · · · · · · · · · ·		
Government C Medicaid			
4 I	rnment payments		
(f. Blue Cross/	Blue Shield		
Private sources g. HMO/PPO			
h. Other priva	te or commercial insura		
	· · · · · · · · · · · · · · · · · · ·		
sources { j. No charge k. Other - Spectrum	ecify	· _	
□ No source of payment indic	,	_	
13a. Billing number (If necessary)	13b. Total charges:		
	-	00 🗌 Not av	vailable

(OVER)

Figure 5. Medical abstract for the National Survey of Ambulatory Surgery, 1994.

	• · · ·	D. SURGICA	L VISIT D	DATA	
14. Time			Not available	15. Type of anesthesia	
a. Time in	to operating room	a.m. p.m.		(Mark (X) all that apply) a. Topical/local b. IV sedation	
b. Time su	rgery began	a.m. p.m.		c. MAC (Monitored Anesthesia Care) d. Regional (1) Epidural	
c. Time su	rgery ended	a.m. p.m.		(2) Spinal (3) Retrobulbar block (4) Peribulbar block	
d. Time ou	t of operating room	a.m. p.m.		(5) Block - e. General	
e. Time in	to postoperative care	a.m. p.m.		f. Other – <i>Specify</i> _₹	. 🖵
	t of postoperative care	a.m. p.m.		g. None specified	. 🗆
1 🗌 Anesth	administered by <i>(Mark (.</i> esiologist Certified Registered Nurse		з 🗆 S	Surgeon/Other physician Not stated/Not specified	
		E. MED	DICAL DA	ΑΤΑ	
 Final diagn 	oses (including E- code dia	ignoses) – Narra	ative desc	cription Optional – ICD-9-CM Nos	5.
Principal	1				
Other/ Additional	2.				_
	3.				_
	4				_
	5. 6.				
	7.				
18. Surgical ar	nd diagnostic procedures -	Narrative descr	iption	Optional – Optiona CPT-4 Nos. ICD-9-CM	
Principal	1.				
Other/ Additional	2.				
	3				
	<u>4.</u>		· · · ·		
	5.		<u> </u>		
	6.		·		 • .
None				the second se	

*U.S.GPO:1994-550-060/80377

Figure 5. Medical abstract for the National Survey of Ambulatory Surgery, 1994—Con.

with rates or percents calculated from rounded data.

The population estimates used in computing rates are for the U.S. civilian population, including institutionalized persons, as of July 1, 1994. These estimates were provided by the U.S. Bureau of the Census and are consistent with population estimates published in *Current Population Reports*.

Tests of significance

In this report, statistical inference is based on the two-sided *t*-test with a critical value of 1.96 (0.05 level of significance). Terms such as "higher" and "less" indicate that differences are statistically significant. Terms such as "similar" or "no difference" mean that no statistically significant difference exits between the estimates being compared. A lack of comment on the difference between any two estimates does not mean that the difference was tested and found not to be significant.

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Suggested citation

Kozak LJ, Hall MJ, Pokras R, Lawrence L. Ambulatory surgery in the United States, 1994. Advance data from vital and health statistics; no 283. Hyattsville, Maryland: National Center for Health Statistics. 1997.

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DHHS Publication No. (PHS) 97-1250 7-0280 (3/97)

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