

Series 13

No. 139



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# Vital and Health Statistics

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

## Ambulatory and Inpatient Procedures in the United States, 1996

November 1998



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



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Data From the National Health  
Care Survey  
No. 139

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

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November 1998  
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### *Cooperation of the U.S. Bureau of the Census*

Under the legislation establishing the National Health Care Survey, the Public Health Service is authorized to use, insofar as possible, the services or facilities of other Federal, State, or private agencies.

In accordance with specifications established by the National Center for Health Statistics, the U.S. Bureau of the Census, under a contractual arrangement, participated in planning the surveys and collecting the data for the National Hospital Discharge Survey and the National Survey of Ambulatory Surgery.

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## Abstract

### Objectives

This report presents estimates of surgical and nonsurgical procedures performed in the United States during 1996. Data are presented by characteristics of patients, region of the country, and procedure categories for ambulatory and inpatient procedures separately and combined.

### Methods

Estimates in this report are based on data collected from the National Hospital Discharge Survey (NHDS) and the National Survey of Ambulatory Surgery (NSAS). NHDS provides data on hospital inpatient care, and NSAS provides data on ambulatory surgery in hospitals and in freestanding ambulatory surgery centers. For NHDS, data were collected for approximately 282,000 discharges from 480 non-Federal short-stay hospitals (95 percent response rate). For NSAS, data were collected for approximately 125,000 ambulatory surgery discharges from 488 hospitals and freestanding ambulatory surgery centers (81 percent response rate).

### Results

An estimated 71.9 million procedures were performed on 39.9 million discharges from hospitals and freestanding ambulatory surgery centers during 1996: 40.4 million procedures were for inpatients, and 31.5 million were for ambulatory patients. Females had more procedures than males, and the rate of procedures increased with age in ambulatory and inpatient settings. The leading procedures for ambulatory surgery patients and inpatients combined were arteriography and angiocardiology, endoscopy of small intestine, endoscopy of large intestine, and extraction of lens.

**Keywords:** *surgery • ICD-9-CM • National Hospital Discharge Survey • National Survey of Ambulatory Surgery*

# Ambulatory and Inpatient Procedures in the United States, 1996

by Maria F. Owings, Ph.D., and Lola Jean Kozak, Ph.D., Division of Health Care Statistics

## Introduction

This report provides information on surgical and nonsurgical procedures performed in the United States by combining data from two surveys: the National Hospital Discharge Survey (NHDS) and the National Survey of Ambulatory Surgery (NSAS). NHDS has been conducted by the National Center for Health Statistics (NCHS) annually since 1965 to obtain estimates of hospital utilization by inpatients. NSAS was conducted by NCHS in 1994, 1995, and 1996 to collect data on procedures performed in ambulatory surgery settings.

Medical technology and health care delivery have changed dramatically during the past 15 years. One of these changes has been a shift in location for many procedures from hospital inpatient settings to ambulatory settings in hospitals and freestanding centers (1,2). NHDS continues to provide information about inpatient utilization, and NSAS now provides data on ambulatory surgery. Combined data from these surveys provide information about surgical and nonsurgical procedures that was not available prior to 1994.

Data from NHDS have been published annually by NCHS in several reports (3-5), and NCHS has published summary data from NSAS (6). This is the third NCHS publication that combines data on procedures from

NHDS and NSAS. It is similar to reports that combined data from both surveys for 1994 and 1995 (7,8). Data from both surveys also have been included in recent journal articles (9,10). The combined data create a more complete picture of the use of procedures that are valuable for a variety of planning, administrative, and evaluation activities by governmental, scientific, academic, and commercial institutions.

Data in this report include numbers and rates of procedures and of discharges with procedures for ambulatory surgery patients and inpatients by sex, age, and geographic region (tables A, B, 1-8). Lists of frequently performed procedures are provided for total procedures (table C), surgical and nonsurgical procedures (tables D, E), males and females (tables F, G) and each of four age groups (tables H-L).

Data on all procedures are included in tables 9 and 11. Table 9 shows estimates of procedures by procedure categories and location (hospital inpatient, hospital ambulatory, and freestanding centers), and table 10 contains the standard errors for these estimates. Table 11 presents numbers of total, ambulatory, and inpatient procedures by sex, age, geographic region, and individual codes in the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM) (11). Table 11 is similar in

This report was prepared in the Division of Health Care Statistics. Rong Cai and Flora Lan, under contract with the OAO Corporation, assisted in creating tables and producing the estimated parameters for the relative standard error equations. The report was edited by Klaudia Cox and typeset by Zung T. N. Le of the Publications Branch, Division of Data Services.

structure to the procedure table (table 4) in the annual NCHS report, *Detailed Diagnoses and Procedures, National Hospital Discharge Survey, 1996* (4).

## Methods

### Sources of Data

NHDS has been conducted annually since 1965 and includes discharges from non-Federal short-stay hospitals. NSAS was conducted for the first time in 1994 and covers ambulatory surgery patients in short-stay non-Federal hospitals and freestanding surgery centers.

One of the developmental goals of NSAS was to combine the data with data from NHDS. Therefore, many aspects of NSAS were modeled after NHDS. The same hospital universe was chosen for use in NSAS as in NHDS; the statistical design adopted for use by NSAS was similar to NHDS; the NSAS data collection procedures were modeled after NHDS; and the core set of variables collected were as similar as possible. NSAS data processing, including coding, editing, and estimation, also followed NHDS precedents. There were, however, some necessary differences between the surveys in each of these areas. Major similarities and differences are outlined below.

The NHDS data were collected from a sample of inpatient records acquired from a national probability sample of hospitals. Hospitals with an average length of stay of fewer than 30 days for all patients, and general hospitals or children's general hospitals were included in the survey. Federal, military, and Department of Veterans Affairs hospitals, as well as hospital units of institutions (such as prison hospitals), and hospitals with fewer than six beds staffed for patient use, were excluded. Beginning in 1988, the sampling frame for hospitals was the SMG Hospital Market Database (12–14).

The definition of the hospital universe for NSAS was the same as for NHDS. The sampling frame for the NSAS hospital universe consisted of eligible hospitals listed in the 1993

SMG Hospital Market Database (15). The universe of freestanding ambulatory surgery centers included centers listed in the 1993 SMG Freestanding Outpatient Surgery Center Database (16) and/or Medicare-certified facilities included in the Health Care Financing Administration Provider-of-Services file (17). Freestanding facilities specializing in dentistry, podiatry, pain block, abortion, family planning, or birthing were excluded.

Because the NSAS sample was drawn from the 1993 SMG and Medicare Provider-of-Services lists, facilities that began operating after 1993 were not included in the sampling frame. For this reason, NSAS data probably understate the total number of visits to and procedures performed in hospital-based and freestanding ambulatory surgery facilities that were in operation during 1996.

The determination of whether an ambulatory surgery facility was a hospital or a freestanding center was based on the SMG universe from which the facility was selected. In most cases, the distinction was clear, but some facilities were not easily classified. For example, a “freestanding” facility might be owned by a hospital but located some distance away. If such a facility was listed separately in the 1993 SMG Freestanding Outpatient Surgery Center Database (16) and was selected for inclusion in the NSAS sample from this universe, it was considered a freestanding facility.

### Sample Designs

NHDS and NSAS used multistage probability designs. Independent samples of hospitals were drawn for the two surveys. In both surveys, the largest facilities were included in the sample with certainty, and noncertainty facilities were selected using a three-stage stratified cluster design.

The first stage for both surveys consisted of the selection of primary sampling units (PSU's) that comprised a probability sample of PSU's used in the 1985–94 National Health Interview Survey (18). PSU's are counties, groups of counties, county equivalents (such as parishes or independent cities), or towns

and townships (for some PSU's in New England).

The second stage consisted of the selection of facilities from the sample PSU's. The facilities were selected with probability proportional to discharge volume for NHDS and to ambulatory surgery volume for NSAS.

At the third stage, systematic random samples of cases within facilities were selected. For NHDS, the sample was selected from all hospital discharges. For NSAS, sampled cases were drawn from all locations within a facility where ambulatory surgery was performed, including main or general operating rooms, all dedicated ambulatory surgery rooms, cystoscopy and endoscopy units, cardiac catheterization labs, and laser procedure rooms. Locations within hospitals dedicated exclusively to abortion, dentistry, podiatry, pain block, or small procedures (sometimes referred to as “lump and bump” rooms) were not included. The exclusion of these specialty locations, as well as the exclusion of specialty facilities, were recommended based on the feasibility study for NSAS.

For 1996, the NHDS facility sample consisted of 525 hospitals, 18 of which were out of scope (ineligible) because they had gone out of business or otherwise failed to meet the criteria for the NHDS universe. Of the 507 in-scope (eligible) hospitals, 480 (95 percent) responded to the survey. Data were collected for approximately 282,000 patient discharges from the responding hospitals.

The 1996 NSAS facility sample included 751 hospitals and freestanding ambulatory surgery centers. Of these, 150 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 601 in-scope (eligible) facilities, 488 responded to the survey, for an overall response rate of 81 percent. The response rate was 91 percent for hospitals and 70 percent for freestanding facilities. These facilities provided information for approximately 125,000 ambulatory surgery discharges.



## Data Collection

Two data collection procedures were used for NHDS. One was a manual system in which sample selection and transcription of information from the hospital records to abstract forms were performed by the hospital's staff or by staff of the U.S. Bureau of the Census on behalf of NCHS. The other data collection procedure was an automated system in which NCHS purchased computer files containing machine-readable medical record data from commercial organizations, State data systems, hospitals, or hospital associations. Records from these files were systematically sampled by NCHS. In 1996, approximately 38 percent of respondent hospitals provided data through the automated system.

Data collection for NSAS consisted entirely of manual data collection. Sample selection and abstraction of information from medical records were performed at the facilities. Facility staff did the sampling in about 44 percent of facilities that participated in the 1996 survey. 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 on behalf of NCHS. For the manual data collection in both surveys, completed abstract forms were sent to NCHS for coding and editing.

The medical abstract forms for NHDS and NSAS are shown in the [appendix](#). Many of the items collected were the same in the two surveys. In both, information was collected on the personal characteristics of the patient. This included age, sex, race, and ethnicity. Both obtained expected sources of payment and the status or disposition of the patient. Up to seven diagnoses were coded in both surveys. Up to four procedures were coded for NHDS and up to six for NSAS. Only NHDS included marital status, and only NSAS included charges, times in and out of surgery, and type and administrator of anesthesia.

In both surveys, diagnoses and procedures were coded according to the *International Classification of Diseases*,

*9th Revision, Clinical Modification* (11). This has long been the coding system for the NHDS. Using it for NSAS allowed medical data from the two surveys to be combined.

## Estimation and Reliability of Estimates

Statistics for NHDS and NSAS were derived by multistage estimation procedures that produced essentially unbiased national estimates. The estimation procedures had three basic components: (a) inflation by reciprocals of the probabilities of sample selection, (b) adjustment for nonresponse, and (c) population weighting ratio adjustments. These components of estimation were described in detail in previous reports on NHDS (19) and NSAS (20). Information about the standard errors of statistics from the two surveys is presented in the [appendix](#) of this report.

Because of low reliability, estimates in the [tables A–L](#) and [1–9](#) with a relative standard error of more than 30 percent or that were based on a sample of fewer than 30 records were replaced by asterisks (\*). The estimates in these tables that were based on 30–59 records were preceded by an asterisk to indicate that they also might have low reliability.

In [table 11](#), estimates of less than 5,000 from NHDS, or NHDS and NSAS combined, and estimates of less than 10,000 from NSAS were replaced by asterisks. These estimates generally had a relative standard error of more than 30 percent or were based on a sample of fewer than 30 records. Estimates of 5,000–9,999 from NHDS or NHDS and NSAS combined and estimates of 10,000–19,999 from NSAS were preceded by an asterisk to indicate that they were generally based on fewer than 60 cases and also might have low reliability.

## Definitions and Limitations

In NHDS, a discharge was a completed inpatient hospitalization, and in NSAS, it referred to a completed visit to a hospital or freestanding surgery center for a scheduled procedure. This

report includes only the discharges with procedures. Of the 30.5 million inpatient discharges estimated in NHDS, 11.3 million were excluded because they had no reported procedures. Although all the NSAS discharges were scheduled to have a procedure, an estimated 238,000 discharges were excluded from this report because no procedure was reported. In some cases, incomplete data might have been collected in the survey, but some patients would be expected to experience last-minute cancellations, for example, if they arrived at an ambulatory surgery center with a fever. Newborn infants, defined as patients admitted by birth to a hospital, were also excluded from this report. Additional definitions are included in the [appendix](#).

According to NSAS, an estimated 390,000 ambulatory surgery cases with procedures were discharged to inpatient status. Of these, 385,000 (99 percent) were visits to hospitals and 5,000 (1 percent) were visits to freestanding centers. In most instances, the ambulatory procedures for these patients become part of their inpatient record. To avoid counting the ambulatory procedures in both NSAS and NHDS, these patients were excluded from the NSAS data shown in this report.

The 1996 NHDS included an estimated 383,000 discharges of inpatients with procedures that were admitted and discharged alive on the same day. These discharges might be similar to ambulatory surgery patients, but if the hospital regarded them as inpatients they were in scope for NHDS and not NSAS. This was not a new phenomenon. For 1980 through 1995, NHDS included an annual average of approximately 700,000 inpatients with procedures who were admitted and discharged alive on the same day.

The estimates of procedures shown in this report include surgical procedures (such as extraction of lens), diagnostic procedures (such as diagnostic ultrasound), and therapeutic procedures (such as respiratory therapy). Data are shown for all listed procedures, which are all occurrences of the procedures coded, regardless of their order on the medical record.

Among inpatients with procedures, 41 percent had one procedure, 41 percent had two or three procedures, and 18 percent had four or more procedures in 1996. Among ambulatory patients with procedures, 61 percent had one procedure, 36 percent had two or three procedures, and only 3 percent had four or more procedures (0.2 percent had six or more procedures) in 1996.

The estimates of numbers of procedures were counts of the number of codes from the *International Classification of Diseases, 9th Revision, Clinical Modification* (11) that were used to classify reported procedures. In some instances, more than one code was assigned to a single operation. One of the most important examples of this was coronary artery bypass graft (CABG) surgery, which frequently was assigned multiple codes: one to indicate the number of arteries bypassed and a second to indicate the type of bypass (such as mammary-coronary artery bypass). As a result, the number of CABG codes greatly exceeded the number of inpatients who had the procedure; in 1996, a total of 598,000 CABG procedures were done on 367,000 inpatient discharges with the procedure.

Another operation frequently described with more than one ICD-9-CM code was excision of semilunar cartilage of knee (code 80.6), which was also coded as arthroscopy of knee (code 80.26) if an arthroscope was used. In 1996, 74 percent of ambulatory and inpatient discharges who received an excision of semilunar cartilage of the knee also had the arthroscopy code. Similarly, 73 percent of ambulatory and inpatient discharges with arteriography and angiocardiology using contrast material (codes 88.4-88.5) had a code for cardiac catheterization (37.21-37.23) in 1996.

In contrast, some ICD-9-CM codes represented more than one procedure. For example, the two obstetrical procedures of vacuum extraction and episiotomy were described with a single ICD-9-CM code (72.71). Tonsillectomy with adenoidectomy was assigned one ICD-9-CM code (28.3). Bilateral procedures often were described with one code, such as bilateral repair of

inguinal hernia (53.1), or bilateral destruction or occlusion of fallopian tubes (66.2 or 66.3).

A list of the ICD-9-CM codes for nonsurgical procedures is in [table I](#) in the appendix. The classification of procedures as surgical or nonsurgical was begun in 1979 for presentation of NHDS data. Before 1979, reports from NHDS did not include most obstetrical procedures, diagnostic endoscopy and radiography, radiotherapy, and certain other treatments not usually considered surgical. With the exception of obstetrical procedures, the procedures excluded from NHDS before 1979 were generally classified as nonsurgical beginning in 1979. The classification was revised beginning with the 1989 NHDS data, primarily to add procedure codes that had not been used in 1979 but had been included in subsequent years.

The distinction between surgical and nonsurgical procedures has become less meaningful in the last two decades with the development and increasing performance of minimally invasive and noninvasive procedures. Procedures classified as nonsurgical do not necessarily have less operative or anesthetic risk or require less highly trained personnel or special equipment than those classified as surgical.

Some procedures were performed in settings not covered by either NHDS or NSAS. Such settings included emergency rooms, outpatient departments, radiology units, doctors' offices, and long-term care and Federal hospitals. Data were collected on procedures ordered or performed in doctors' offices through the National Ambulatory Medical Care Survey. The National Hospital Ambulatory Medical Care Survey obtained information about procedures ordered or performed in hospital outpatient and emergency departments. The data from these surveys were not comparable to data from NSAS and NHDS because of differences in definitions and data collection methods. However, the procedures done in these settings were predominately nonsurgical diagnostic and therapeutic procedures (21-23).

Because certain freestanding ambulatory surgical centers and

specialized locations within hospitals were excluded from the NSAS design, ambulatory procedures done in some specialties were not completely measured by the survey. Excluded locations included those specializing in dentistry, podiatry, abortion, family planning, birthing, pain block, and small procedures. However, procedures in these specialties that were performed in general operating rooms or other in-scope locations were included in NSAS and NHDS.

Estimates in the tables were rounded to the nearest thousand. Therefore, figures within tables do not always add to totals. Rates were calculated from unrounded figures and may not agree with rates calculated from rounded data. The population estimates used in computing rates are shown in [table II](#) in the appendix.

## Tests of Significance

In this report, statistical inference was 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 were statistically significant. Terms such as "similar" and "no difference" mean that no statistically significant difference existed 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.

## Results

### Discharges and Procedures

In 1996, an estimated 71.9 million surgical and nonsurgical procedures were performed on 39.9 million ambulatory and inpatient discharges combined ([tables A and B](#)). In rates per 1,000 population, there were 272.4 procedures and 151.2 discharges with procedures. The number of ambulatory (20.6 million) and inpatient (19.3 million) discharges with procedures did not differ significantly, but hospital inpatients had 28 percent more procedures—40.4 million compared with

**Table A. Number and rate of ambulatory and inpatient procedures by sex, age, and region: United States, 1996**

Sex, age, and region	Total		Ambulatory <sup>1</sup>		Inpatient <sup>2</sup>	
	Estimate	Standard error	Estimate	Standard error	Estimate	Standard error
	Number in thousands					
Total . . . . .	71,904	2,105	31,507	1,323	40,397	1,638
Sex						
Male . . . . .	29,880	982	13,883	620	15,997	761
Female . . . . .	42,024	1,181	17,624	722	24,400	934
Age						
Under 15 years . . . . .	4,331	306	2,381	136	1,950	274
15–44 years . . . . .	24,164	755	9,561	455	14,603	602
45–64 years . . . . .	18,126	582	8,825	407	9,302	417
65 years and over . . . . .	25,282	848	10,740	516	14,542	673
Region						
Northeast . . . . .	16,440	1,031	6,569	568	9,870	861
Midwest . . . . .	16,727	1,135	7,956	664	8,771	920
South . . . . .	23,467	1,168	10,494	853	12,973	798
West . . . . .	15,270	847	6,487	509	8,783	677
	Rate per 1,000 population					
Total . . . . .	272.4	8.0	119.3	5.0	153.0	6.2
Sex						
Male . . . . .	232.2	7.6	107.9	4.8	124.3	5.9
Female . . . . .	310.6	8.7	130.3	5.3	180.3	6.9
Age						
Under 15 years . . . . .	75.1	5.3	41.3	2.3	33.8	4.8
15–44 years . . . . .	203.5	6.4	80.5	3.8	123.0	5.1
45–64 years . . . . .	337.6	10.8	164.3	7.6	173.2	7.8
65 years and over . . . . .	746.7	25.0	317.2	15.2	429.5	19.9
Region						
Northeast . . . . .	319.1	20.0	127.5	11.0	191.6	16.7
Midwest . . . . .	269.9	18.3	128.4	10.7	141.5	14.8
South . . . . .	254.0	12.6	113.6	9.2	140.4	8.6
West . . . . .	262.7	14.6	111.6	8.8	151.1	11.6

<sup>1</sup>Data from the National Survey of Ambulatory Surgery. Excludes ambulatory surgery patients who became inpatients.

<sup>2</sup>Data from the National Hospital Discharge Survey. Excludes newborn infants.

NOTE: Procedures estimated from the National Survey of Ambulatory Surgery and National Hospital Discharge Survey. Not all procedures are covered by these surveys. See "Methods" section.

31.5 million for ambulatory patients (figure 1).

Females had more discharges and procedures than males did. For ambulatory patients and hospital inpatients combined, females had 59 percent of discharges (23.6 million) and 58 percent of procedures (42.0 million). The discharge rate was 37 percent higher for females than for males (174.1 versus 127.0 per 1,000 population), and the rate of procedures was 34 percent higher for females (310.6 versus 232.2 per 1,000 population).

Both males and females had higher numbers and rates of inpatient

procedures than of ambulatory procedures (figure 2). However, the number and rate of discharges with procedures was higher in ambulatory settings for males. Females had similar numbers and rates of discharges with procedures in the two settings.

Children under 15 years of age had the lowest number of procedures of the age groups shown in table A. Only 4.3 million procedures, 6 percent of ambulatory and inpatient procedures combined, were for children. Persons 45–64 years of age had 18.1 million procedures, or 25 percent of the total. More than two-thirds of procedures were for persons 15–44 years of age

(24.2 million) and those 65 years of age and over (25.3 million). The distribution of discharges across the four age groups was similar to the distribution of procedures. Rates of discharges and procedures increased with age for the four groups. Rates per 1,000 population of ambulatory and inpatient procedures combined ranged from 75.1 for children under 15 years to 746.7 for those 65 years of age and over.

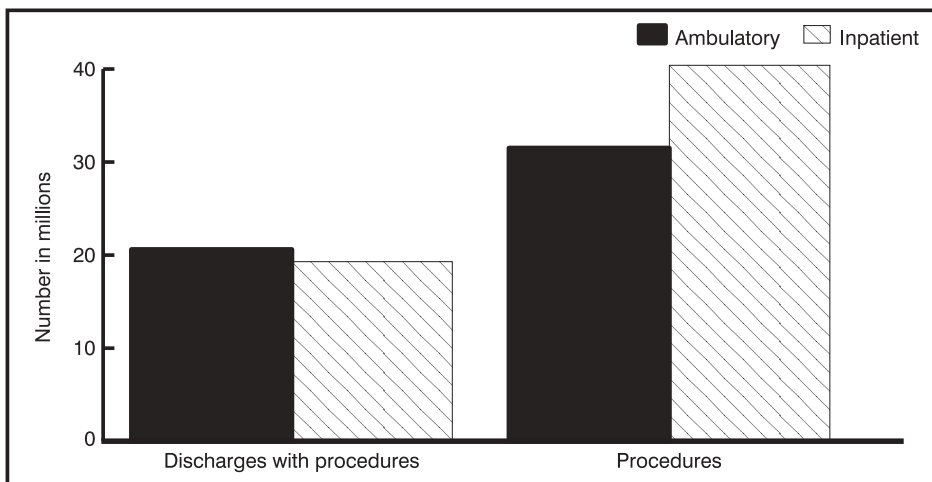
Numbers and rates of procedures were higher for inpatients than for ambulatory patients in the 15–44 years and 65 years and over age groups, but were not significantly different for those under 15 years and 45–64 years

**Table B. Number and rate of ambulatory and inpatient discharges with procedures by sex, age, and region: United States, 1996**

Sex, age, and region	Total		Ambulatory <sup>1</sup>		Inpatient <sup>2</sup>	
	Estimate	Standard error	Estimate	Standard error	Estimate	Standard error
Number in thousands						
Total .....	39,903	1,105	20,610	848	19,294	707
Sex						
Male .....	16,347	506	9,014	394	7,333	317
Female .....	23,556	624	11,596	464	11,961	417
Age						
Under 15 years .....	2,764	161	1,741	98	1,024	128
15–44 years .....	13,728	402	6,257	289	7,471	280
45–64 years .....	9,834	309	5,689	255	4,145	174
65 years and over .....	13,577	436	6,922	325	6,655	290
Region						
Northeast .....	8,976	504	4,456	392	4,520	317
Midwest .....	9,337	523	5,247	398	4,090	339
South .....	13,334	703	6,778	553	6,556	433
West .....	8,256	447	4,128	320	4,129	312
Rate per 1,000 population						
Total .....	151.2	4.2	78.1	3.2	73.1	2.7
Sex						
Male .....	127.0	3.9	70.0	3.1	57.0	2.5
Female .....	174.1	4.6	85.7	3.4	88.4	3.1
Age						
Under 15 years .....	47.9	2.8	30.2	1.7	17.7	2.2
15–44 years .....	115.6	3.4	52.7	2.4	62.9	2.4
45–64 years .....	183.2	5.8	106.0	4.8	77.2	3.2
65 years and over .....	401.0	12.9	204.4	9.6	196.5	8.6
Region						
Northeast .....	174.2	9.8	86.5	7.6	87.7	6.2
Midwest .....	150.6	8.4	84.7	6.4	66.0	5.5
South .....	144.3	7.6	73.4	6.0	71.0	4.7
West .....	142.1	7.7	71.0	5.5	71.0	5.4

<sup>1</sup>Data from the National Survey of Ambulatory Surgery. Excludes ambulatory surgery patients who became inpatients.

<sup>2</sup>Data from the National Hospital Discharge Survey. Excludes newborn infants.



**Figure 1. Number of ambulatory and inpatient discharges and procedures: United States, 1996**

(figure 3). Numbers and rates of discharges with procedures were higher for ambulatory patients under 15 years and 45–64 years of age, but higher for inpatients 15–44 years of age, and not significantly different for ambulatory patients and inpatients 65 years of age and over.

The South had the largest number of ambulatory and inpatient procedures combined, 23.5 million, compared with 16.4 million in the Northeast, 16.7 million in the Midwest, and 15.3 million in the West. The South also had a larger number of discharges with procedures than the other three regions. However, the Northeast had higher rates of



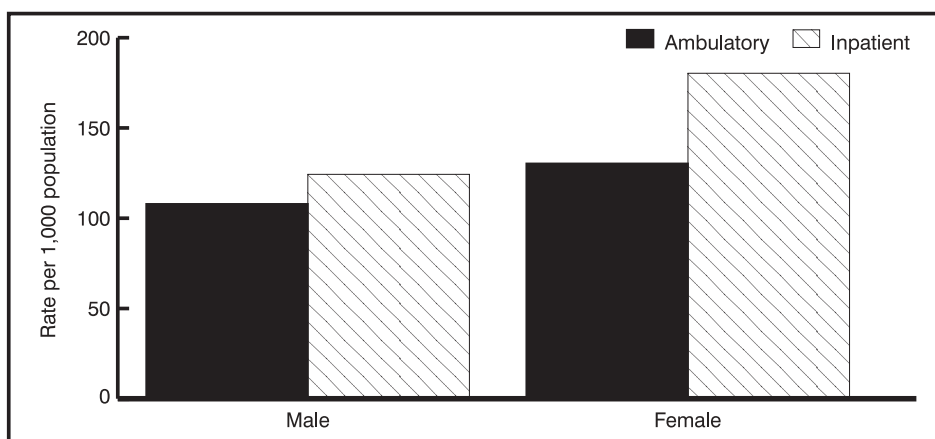


Figure 2. Rate of ambulatory and inpatient procedures by sex: United States, 1996

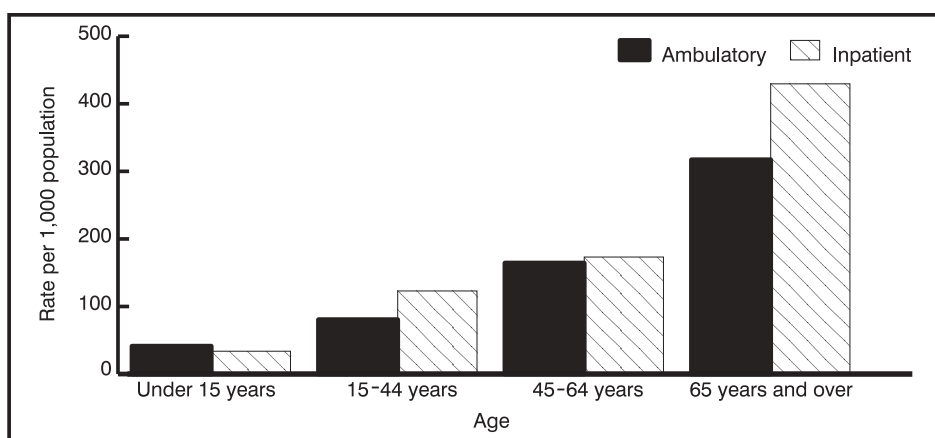


Figure 3. Rate of ambulatory and inpatient procedures by age: United States, 1996

procedures and discharges per 1,000 population than the South or West, and rates were not significantly different among the other regions.

For three of the four regions, the number and rate of procedures was higher in inpatient than in ambulatory settings, but in the Midwest the differences between settings were not statistically significant. In contrast, the Midwest had a higher number and rate of discharges with procedures in ambulatory than in inpatient settings, but the differences for the other three regions were not statistically significant.

## Selected Procedures

The leading surgical and nonsurgical procedures performed on ambulatory patients and inpatients combined were arteriography and angiocardiology, endoscopy of small

intestine, endoscopy of large intestine, and extraction of lens (table C, figure 4). These four procedures were each done more than 2 million times in 1996. Insertion of prosthetic lens was performed 1.8 million times, as was injection or infusion of therapeutic or prophylactic substance (hereafter referred to as injection of substance), and cardiac catheterization was done 1.6 million times. The other six procedures shown in table C were each done more than a million times in 1996.

The cataract procedures, extraction of lens and insertion of prosthetic lens, were almost all done in ambulatory settings (99 percent). Eighty percent of endoscopy of large intestine and 65 percent of endoscopy of small intestine and excision or destruction of lesion or tissue of skin and subcutaneous tissue (hereafter referred to as excision of skin) were also done in

ambulatory settings in 1996. The obstetrical procedures episiotomy and repair of current obstetric laceration were almost always performed on hospital inpatients (99 percent). More than 90 percent of respiratory therapy, computer axial tomography, and diagnostic ultrasound were inpatient procedures. However, many of the locations in which diagnostic procedures are done on ambulatory patients are not covered by NSAS (see “Definitions and Limitations”). Inpatients also accounted for 74 percent of injection of substance and 71 percent of cardiac catheterization and arteriography and angiocardiology.

Of the 71.9 million procedures performed on ambulatory and inpatient discharges in 1996, 46.5 million (65 percent) were categorized as surgical and 25.4 million (35 percent) were considered nonsurgical, using the classification system developed by NCHS for reporting purposes. Procedures considered nonsurgical are listed in table I in the appendix. As discussed earlier, the distinction between surgical and nonsurgical procedures has become less meaningful in recent years with the development of minimally invasive procedures.

The number of surgical procedures was similar for ambulatory (23.6 million) and inpatient (23.0 million) discharges, but inpatients had substantially more nonsurgical procedures, 17.4 million compared with only 7.9 million for ambulatory patients (tables D and E). As mentioned above, NSAS does not cover many locations in which nonsurgical procedures are performed on ambulatory patients.

In 1996, the surgical procedure performed most frequently on ambulatory patients and inpatients combined was extraction of lens (2.4 million). It was followed by insertion of prosthetic lens (1.8 million) and cardiac catheterization (1.6 million). Other surgical procedures done more than a million times on ambulatory patients and inpatients combined were excision of skin, episiotomy, endoscopy of small intestine with biopsy, and repair of current obstetric laceration.

Among the surgical procedures shown in table D, the ones performed

**Table C. Number and rate of ambulatory and inpatient procedures by selected procedure categories: United States, 1996**

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

Procedure category and ICD-9-CM code	Total		Ambulatory <sup>1</sup>		Inpatient <sup>2</sup>	
	Estimate	Standard error	Estimate	Standard error	Estimate	Standard error
Number in thousands						
All procedures <sup>3</sup>	71,904	2,105	31,507	1,323	40,397	1,638
Arteriography and angiocardiography using contrast material . . . . . 88.4-88.5	2,756	167	791	108	1,964	128
Endoscopy of small intestine with or without biopsy . . . . . 45.11-45.14,45.16	2,404	133	1,563	128	841	37
Endoscopy of large intestine with or without biopsy . . . . . 45.21-45.25	2,404	139	1,913	138	490	20
Extraction of lens . . . . . 13.1-13.6	2,393	193	2,367	193	26	8
Insertion of prosthetic lens (pseudophakos) . . . . . 13.7	1,840	124	1,816	124	*	*
Injection or infusion of therapeutic or prophylactic substance . . . . . 99.1-99.2	1,795	194	464	58	1,332	185
Cardiac catheterization . . . . . 37.21-37.23	1,633	108	472	69	1,161	83
Excision or destruction of lesion or tissue of skin and subcutaneous tissue . . . . . 86.2-86.4	1,342	53	877	49	465	20
Episiotomy with or without forceps or vacuum extraction . . . . . 72.1,72.21,72.31,72.71,73.6	1,295	60	*	*	1,294	60
Diagnostic ultrasound . . . . . 88.7	1,274	115	97	19	1,177	113
Respiratory therapy . . . . . 93.9,96.7	1,098	105	*	*	1,085	105
Computerized axial tomography . . . . . 87.03,87.41,87.71,88.01,88.38	1,063	91	68	18	995	89
Repair of current obstetric laceration . . . . . 75.5-75.6	1,062	56	*	*	1,061	56
Rate per 10,000 population						
All procedures <sup>3</sup>	2,723.7	79.7	1,193.4	50.1	1,530.2	62.0
Arteriography and angiocardiography using contrast material . . . . . 88.4-88.5	104.4	6.3	30.0	4.1	74.4	4.8
Endoscopy of small intestine with or without biopsy . . . . . 45.11-45.14,45.16	91.1	5.1	59.2	4.9	31.9	1.4
Endoscopy of large intestine with or without biopsy . . . . . 45.21-45.25	91.0	5.3	72.5	5.2	18.6	0.8
Extraction of lens . . . . . 13.1-13.6	90.6	7.3	89.6	7.3	1.0	0.3
Insertion of prosthetic lens (pseudophakos) . . . . . 13.7	69.7	4.7	68.8	4.7	*	*
Injection or infusion of therapeutic or prophylactic substance . . . . . 99.1-99.2	68.0	7.4	17.6	2.2	50.4	7.0
Cardiac catheterization . . . . . 37.21-37.23	61.9	4.1	17.9	2.6	44.0	3.1
Excision or destruction of lesion or tissue of skin and subcutaneous tissue . . . . . 86.2-86.4	50.8	2.0	33.2	1.8	17.6	0.8
Episiotomy with or without forceps or vacuum extraction . . . . . 72.1,72.21,72.31,72.71,73.6	49.0	2.3	*	*	49.0	2.3
Diagnostic ultrasound . . . . . 88.7	48.2	4.4	3.7	0.7	44.6	4.3
Respiratory therapy . . . . . 93.9,96.7	41.6	4.0	*	*	41.1	4.0
Computerized axial tomography . . . . . 87.03,87.41,87.71,88.01,88.38	40.3	3.4	2.6	0.7	37.7	3.4
Repair of current obstetric laceration . . . . . 75.5-75.6	40.2	2.1	*	*	40.2	2.1

\* Figure does not meet standard of reliability or precision.

<sup>1</sup>Data from the National Survey of Ambulatory Surgery. Excludes ambulatory surgery patients who became inpatients.

<sup>2</sup>Data from the National Hospital Discharge Survey. Excludes newborn infants.

<sup>3</sup>All procedures estimated from the National Survey of Ambulatory Surgery and the National Hospital Discharge Survey. Not all procedures are covered by these surveys. See "Methods" section.

predominately in ambulatory settings were extraction of lens and insertion of prosthetic lens, operations on muscle, tendon, fascia and bursa, excision of skin, and endoscopy of small intestine with biopsy. All the obstetrical procedures, removal of coronary artery obstruction and insertion of stent(s), reduction of fracture, cardiac catheterization, and cholecystectomy were done primarily in inpatient settings in 1996.

Arteriography and angiocardiography, performed 2.8 million times, was the leading nonsurgical procedure for ambulatory patients and inpatients combined. Injection of substance and endoscopy of large intestine without biopsy, each done 1.8 million times, were the next most frequent nonsurgical procedures.

Nonsurgical procedures shown in [table E](#) that were performed more often on ambulatory patients than on inpatients were endoscopy of large intestine, endoscopy of small intestine, and cystoscopy, all without biopsy, and arthroscopy of knee. Hospital inpatients had the majority of the other nonsurgical procedures shown.

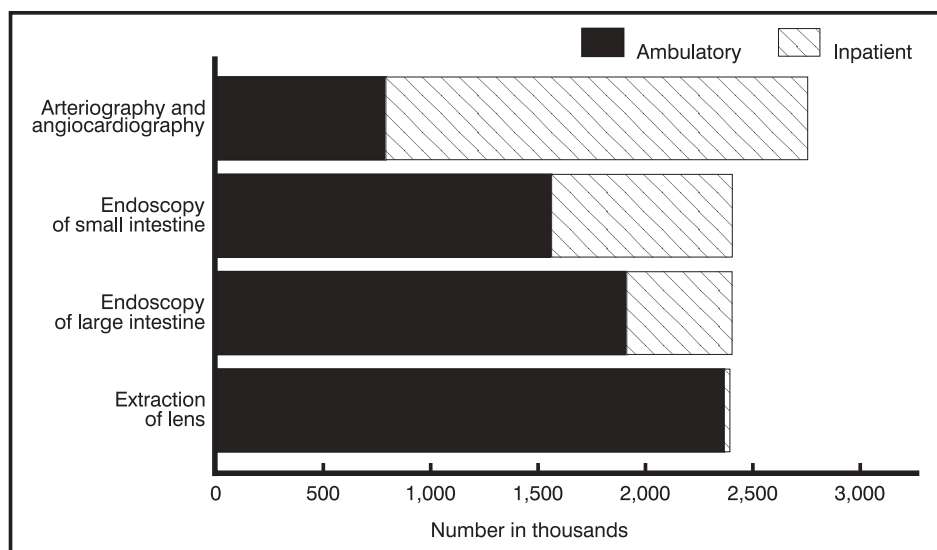
### Selected Procedures by Sex and Age

Frequent procedures for males and females are shown in [tables F](#) and [G](#). The leading procedure for males was arteriography and angiocardiography, performed 1.6 million times in ambulatory and inpatient settings. Males also had more than 1 million endoscopies of small and large intestines

and cardiac catheterizations.

As shown in [table F](#), almost all of the cataract procedures, extraction of lens and insertion of prosthetic lens, for males, were performed in ambulatory settings. Similarly, endoscopies of small and large intestine, cystoscopy, repair of inguinal hernia, and excision of skin were done more often for males in ambulatory than in inpatient settings. Almost all respiratory therapy, diagnostic ultrasound, and computerized tomography were provided to males in inpatient settings. Other procedures that were done more often for males in inpatient settings included arteriography and angiocardiography, cardiac catheterization, and injection of substance.

Nine procedures were performed more than 1 million times on females in



**Figure 4. Number of leading ambulatory and inpatient procedures combined: United States, 1996**

ambulatory and inpatient settings combined (table G). Two were for cataracts (extraction of lens and insertion of prosthetic lens), two were endoscopies (of large and small intestines), and three were obstetrical procedures (episiotomy, repair of current obstetric laceration, and manually assisted delivery). The others were arteriography and angiocardiology and injection of substance.

Like males, females had almost all cataract procedures in ambulatory settings, and they had more endoscopies of small and large intestines in ambulatory than in inpatient settings. Almost all obstetrical procedures were performed in inpatient settings, as were 95 percent of diagnostic ultrasounds for

**Table D. Number and rate of ambulatory and inpatient surgical procedures by selected procedure categories: United States, 1996**

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

Procedure category and ICD-9-CM code	Total		Ambulatory <sup>1</sup>		Inpatient <sup>2</sup>	
	Estimate	Standard error	Estimate	Standard error	Estimate	Standard error
	Number in thousands					
All surgical procedures <sup>3</sup>	46,542	1,224	23,562	943	22,980	781
Extraction of lens . . . . . 13.1-13.6	2,393	193	2,367	193	26	8
Insertion of prosthetic lens (pseudophakos) . . . . . 13.7	1,840	124	1,816	124	*	*
Cardiac catheterization . . . . . 37.21-37.23	1,633	108	472	69	1,161	83
Excision or destruction of lesion or tissue of skin and subcutaneous tissue . . . . . 86.2-86.4	1,342	53	877	49	465	20
Episiotomy with or without forceps or vacuum extraction . . . . . 72.1,72.21,72.31,72.71,73.6	1,295	60	*	*	1,294	60
Endoscopy of small intestine with biopsy . . . . . 45.14,45.16	1,283	78	825	74	458	26
Repair of current obstetric laceration . . . . . 75.5-75.6	1,062	56	*	*	1,061	56
Operations on muscle, tendon, fascia and bursa . . . . . 82-83	915	44	664	41	251	16
Reduction of fracture . . . . . 76.7,79.0-79.3	885	39	236	17	648	35
Cesarean section . . . . . 74.0,74.2,74.4,74.99	835	45	-	-	835	45
Cholecystectomy . . . . . 51.2	770	36	322	28	448	23
Artificial rupture of membranes . . . . . 73.0	729	54	-	-	729	54
Removal of coronary artery obstruction and insertion of stent(s) . . . . . 36.0	721	61	*	*	666	57
	Rate per 10,000 population					
All surgical procedures <sup>3</sup>	1,763.0	46.4	892.5	35.7	870.5	29.6
Extraction of lens . . . . . 13.1-13.6	90.6	7.3	89.6	7.3	1.0	0.3
Insertion of prosthetic lens (pseudophakos) . . . . . 13.7	69.7	4.7	68.8	4.7	*	*
Cardiac catheterization . . . . . 37.21-37.23	61.9	4.1	17.9	2.6	44.0	3.1
Excision or destruction of lesion or tissue of skin and subcutaneous tissue . . . . . 86.2-86.4	50.8	2.0	33.2	1.8	17.6	0.8
Episiotomy with or without forceps or vacuum extraction . . . . . 72.1,72.21,72.31,72.71,73.6	49.0	2.3	*	*	49.0	2.3
Endoscopy of small intestine with biopsy . . . . . 45.14,45.16	48.6	3.0	31.2	2.8	17.3	1.0
Repair of current obstetric laceration . . . . . 75.5-75.6	40.2	2.1	*	*	40.2	2.1
Operations on muscle, tendon, fascia and bursa . . . . . 82-83	34.7	1.7	25.2	1.6	9.5	0.6
Reduction of fracture . . . . . 76.7,79.0-79.3	33.5	1.5	9.0	0.7	24.6	1.3
Cesarean section . . . . . 74.0,74.2,74.4,74.99	31.6	1.7	-	-	31.6	1.7
Cholecystectomy . . . . . 51.2	29.2	1.4	12.2	1.1	17.0	0.9
Artificial rupture of membranes . . . . . 73.0	27.6	2.1	-	-	27.6	2.1
Removal of coronary artery obstruction and insertion of stent(s) . . . . . 36.0	27.3	2.3	*	*	25.2	2.2

\* Figure does not meet standard of reliability or precision.

- Quantity zero.

<sup>1</sup>Data from the National Survey of Ambulatory Surgery. Excludes ambulatory surgery patients who become inpatients.

<sup>2</sup>Data from the National Hospital Discharge Survey. Excludes newborn infants.

<sup>3</sup>All surgical procedures estimated from the National Survey of Ambulatory Surgery and the National Hospital Discharge Survey. Not all procedures are covered by these surveys. See "Methods" section. All procedures except those listed in appendix table I are surgical procedures.

**Table E. Number and rate of ambulatory and inpatient nonsurgical procedures by selected procedure categories: United States, 1996**

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

Procedure category and ICD-9-CM code	Total		Ambulatory <sup>1</sup>		Inpatient <sup>2</sup>	
	Estimate	Standard error	Estimate	Standard error	Estimate	Standard error
Number in thousands						
All nonsurgical procedures <sup>3</sup>	25,362	1,092	7,945	471	17,417	985
Arteriography and angiocardiology using contrast material . . . . . 88.4-88.5	2,756	167	791	108	1,964	128
Injection or infusion of therapeutic or prophylactic substance . . . . . 99.1-99.2	1,795	194	464	58	1,332	185
Endoscopy of large intestine without biopsy . . . . . 45.21-45.24	1,791	114	1,468	113	323	15
Diagnostic ultrasound . . . . . 88.7	1,274	115	97	19	1,177	113
Endoscopy of small intestine without biopsy . . . . . 45.11-45.13	1,122	75	738	72	383	19
Respiratory therapy . . . . . 93.9,96.7	1,098	105	*	*	1,085	105
Computerized axial tomography . . . . . 87.03,87.41,87.71,88.01,88.38	1,063	91	68	18	995	89
Manually assisted delivery . . . . . 73.5	1,031	74	-	-	1,031	74
Fetal EKG (scalp) and fetal monitoring, not otherwise specified . . . . . 75.32,75.34	896	94	*	*	895	94
Cystoscopy without biopsy . . . . . 57.31-57.32	814	67	624	66	190	11
Arthroscopy of knee . . . . . 80.26	657	48	629	48	28	4
Rate per 10,000 population						
All nonsurgical procedures <sup>3</sup>	960.7	41.4	300.9	17.8	659.7	37.3
Arteriography and angiocardiology using contrast material . . . . . 88.4-88.5	104.4	6.3	30.0	4.1	74.4	4.8
Injection or infusion of therapeutic or prophylactic substance . . . . . 99.1-99.2	68.0	7.4	17.6	2.2	50.4	7.0
Endoscopy of large intestine without biopsy . . . . . 45.21-45.24	67.8	4.3	55.6	4.3	12.2	0.6
Diagnostic ultrasound . . . . . 88.7	48.2	4.4	3.7	0.7	44.6	4.3
Endoscopy of small intestine without biopsy . . . . . 45.11-45.13	42.5	2.8	28.0	2.7	14.5	0.7
Respiratory therapy . . . . . 93.9,96.7	41.6	4.0	*	*	41.1	4.0
Computerized axial tomography . . . . . 87.03,87.41,87.71,88.01,88.38	40.3	3.4	2.6	0.7	37.7	3.4
Manually assisted delivery . . . . . 73.5	39.1	2.8	-	-	39.1	2.8
Fetal EKG (scalp) and fetal monitoring, not otherwise specified . . . . . 75.32,75.34	33.9	3.6	*	*	33.9	3.6
Cystoscopy without biopsy . . . . . 57.31-57.32	30.8	2.5	23.6	2.5	7.2	0.4
Arthroscopy of knee . . . . . 80.26	24.9	1.8	23.8	1.8	1.1	0.1

\* Figure does not meet standard of reliability or precision.

- Quantity zero.

<sup>1</sup>Data from the National Survey of Ambulatory Surgery. Excludes ambulatory surgery patients who became inpatients.

<sup>2</sup>Data from the National Hospital Discharge Survey. Excludes newborn infants.

<sup>3</sup>All nonsurgical procedures estimated from the National Survey of Ambulatory Surgery and the National Hospital Discharge Survey. Not all procedures are covered by these surveys. See "Methods" section. The ICD-9-CM codes for nonsurgical procedures are listed in appendix table I.

females. Arteriography and angiocardiology and injection of substance were also done more often for females in inpatient than in ambulatory settings.

Tables H-L show frequently performed procedures for each of four age groups in 1996. The leading procedure for children under 15 years of age was myringotomy with insertion of tube, done 512,000 times in ambulatory and inpatient settings combined (table H). This was substantially more than any other procedure performed on children. Tonsillectomy with or without adenoidectomy was performed 287,000 times, and respiratory therapy was done 222,000 times on children in ambulatory and inpatient settings combined.

More than 90 percent of several children's procedures were done in ambulatory settings. These included

myringotomy, tonsillectomy, adenoidectomy, and operations on teeth, gums, and alveoli. In addition, 86 percent of the repairs of inguinal hernias for children were done in ambulatory settings, as were 78 percent of circumcisions (this excludes newborn infants), and 76 percent of excisions of skin. In contrast, more than 90 percent of respiratory therapy, injection of substance, and spinal tap for children were done in inpatient settings. Reduction of fracture was performed about the same number of times in ambulatory and inpatient settings for children.

For the 15-44 years age group, the most frequent procedures in ambulatory and inpatient settings combined were those associated with delivery (table J). The leading procedure was episiotomy, followed by repair of current obstetric

laceration, manually assisted delivery, fetal EKG and fetal monitoring, cesarean section, and artificial rupture of membranes. Similar in frequency was bilateral destruction or occlusion of fallopian tubes, which can be associated with deliveries (24).

Almost all obstetrical procedures were performed in inpatient settings. However, bilateral destruction or occlusion of fallopian tubes was done about the same number of times in ambulatory and inpatient settings. Injection of substance was usually an inpatient procedure, but the rest of the procedures shown in table J were done more often in ambulatory settings for patients 15-44 years of age. These include endoscopy of large and small intestine, excision of skin, laparoscopy, and dilation and curettage of uterus.



**Table F. Number and rate of ambulatory and inpatient procedures for males by selected procedure categories: United States, 1996**[Procedure groupings and code numbers are based on the *International Classification of Diseases, 9th Revision, Clinical Modification (ICD-9-CM)*]

Procedure category and ICD-9-CM code	Total		Ambulatory <sup>1</sup>		Inpatient <sup>2</sup>	
	Estimate	Standard error	Estimate	Standard error	Estimate	Standard error
	Number in thousands					
All procedures <sup>3</sup>	29,880	982	13,883	620	15,997	761
Arteriography and angiocardiology using contrast material . . . . . 88.4-88.5	1,640	102	476	69	1,165	75
Endoscopy of small intestine with or without biopsy . . . . . 45.11-45.14,45.16	1,064	59	668	55	396	22
Endoscopy of large intestine with or without biopsy . . . . . 45.21-45.25	1,055	65	855	64	200	13
Cardiac catheterization . . . . . 37.21-37.23	1,001	66	298	47	704	47
Extraction of lens . . . . . 13.1-13.6	892	78	881	78	*	*
Injection or infusion of therapeutic or prophylactic substance . . . . . 99.1-99.2	765	86	203	27	561	82
Insertion of prosthetic lens (pseudophakos) . . . . . 13.7	706	54	696	54	*	*
Excision or destruction of lesion or tissue of skin and subcutaneous tissue . . . . . 86.2-86.4	656	27	412	23	244	13
Diagnostic ultrasound . . . . . 88.7	562	51	62	11	501	50
Respiratory therapy . . . . . 93.9,96.7	559	54	*	*	554	54
Cystoscopy with or without biopsy . . . . . 57.31-57.33	551	41	422	40	130	9
Repair of inguinal hernia . . . . . 53.0-53.1	541	26	477	25	63	6
Computerized axial tomography . . . . . 87.03,87.41,87.71,88.01,88.38	523	49	30	8	493	49
	Rate per 10,000 population					
All procedures <sup>3</sup>	2,321.8	76.3	1,078.8	48.2	1,243.1	59.2
Arteriography and angiocardiology using contrast material . . . . . 88.4-88.5	127.5	8.0	37.0	5.4	90.5	5.9
Endoscopy of small intestine with or without biopsy . . . . . 45.11-45.14,45.16	82.7	4.6	51.9	4.3	30.8	1.7
Endoscopy of large intestine with or without biopsy . . . . . 45.21-45.25	82.0	5.1	66.5	5.0	15.6	1.0
Cardiac catheterization . . . . . 37.21-37.23	77.8	5.2	23.1	3.7	54.7	3.6
Extraction of lens . . . . . 13.1-13.6	69.3	6.1	68.4	6.1	*	*
Injection or infusion of therapeutic or prophylactic substance . . . . . 99.1-99.2	59.4	6.7	15.8	2.1	43.6	6.4
Insertion of prosthetic lens (pseudophakos) . . . . . 13.7	54.9	4.2	54.1	4.2	*	*
Excision or destruction of lesion or tissue of skin and subcutaneous tissue . . . . . 86.2-86.4	51.0	2.1	32.0	1.8	19.0	1.0
Diagnostic ultrasound . . . . . 88.7	43.7	3.9	4.8	0.9	38.9	3.8
Respiratory therapy . . . . . 93.9,96.7	43.5	4.2	*	*	43.0	4.2
Cystoscopy with or without biopsy . . . . . 57.31-57.33	42.8	3.2	32.8	3.1	10.1	0.7
Repair of inguinal hernia . . . . . 53.0-53.1	42.0	2.0	37.1	1.9	4.9	0.4
Computerized axial tomography . . . . . 87.03,87.41,87.71,88.01,88.38	40.6	3.8	2.3	0.6	38.3	3.8

\* Figure does not meet standard of reliability or precision.

<sup>1</sup>Data from the National Survey of Ambulatory Surgery. Excludes ambulatory surgery patients who became inpatients.<sup>2</sup>Data from the National Hospital Discharge Survey. Excludes newborn infants.<sup>3</sup>All procedures estimated from the National Survey of Ambulatory Surgery and the National Hospital Discharge Survey. Not all procedures are covered by these surveys. See "Methods" section.

The procedure performed most frequently on patients 45-64 years of age in ambulatory and inpatient settings combined was arteriography and angiocardiology using contrast material (table K). It was followed by endoscopies of large and small intestines and cardiac catheterizations.

The endoscopies of large and small intestines were done more often in ambulatory settings than in inpatient settings for patients 45-64 years of age. This was also the case for excision of skin; operations on muscle, tendon, and fascia and bursa; and cystoscopy. Cataract procedures were done almost entirely in ambulatory settings.

Procedures shown in table K that were done more frequently in inpatient settings include arteriography and

angiocardiology, cardiac catheterization, diagnostic ultrasound, and injection of substance. More than 90 percent of removals of coronary artery obstructions and insertions of stent(s) for the 45-64 year age group were done in inpatient settings. The number of cholecystectomies was not significantly different in ambulatory and inpatient settings for this age group.

The leading procedure for persons 65 years of age and over in ambulatory and inpatient settings combined was extraction of lens (2.0 million), followed by insertion of prosthetic lens (1.5 million) and arteriography and angiocardiology (1.4 million) (table L). Endoscopies of the large and small intestine were also done more than a million times for this age group.

Almost all the cataract surgery for those 65 years of age and over was done in ambulatory settings. Endoscopies of the large and small intestine and cystoscopy were also performed more frequently in ambulatory than in inpatient settings for this age group. Excision of skin was done about the same number of times in ambulatory and inpatient settings, though it was usually an ambulatory procedure for younger age groups. The remainder of the procedures shown in table L were predominately inpatient procedures. These include arteriography and angiocardiology, cardiac catheterization, diagnostic ultrasound, computer axial tomography, injection of substance, and respiratory therapy.

**Table G. Number and rate of ambulatory and inpatient procedures for females by selected procedure categories: United States, 1996**

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

Procedure category and ICD-9-CM code	Total		Ambulatory <sup>1</sup>		Inpatient <sup>2</sup>	
	Estimate	Standard error	Estimate	Standard error	Estimate	Standard error
Number in thousands						
All procedures <sup>3</sup>	42,024	1,181	17,624	722	24,400	934
Extraction of lens . . . . . 13.1-13.6	1,501	117	1,486	117	*	*
Endoscopy of large intestine with or without biopsy . . . . . 45.21-45.25	1,348	79	1,058	78	290	12
Endoscopy of small intestine with or without biopsy . . . . . 45.11-45.14,45.16	1,340	79	895	76	445	19
Episiotomy with or without forceps or vacuum extraction . . . . . 72.1,72.21,72.31,72.71,73.6	1,295	60	*	*	1,294	60
Insertion of prosthetic lens (pseudophakos) . . . . . 13.7	1,134	73	1,120	73	*	*
Arteriography and angiocardiology using contrast material . . . . . 88.4-88.5	1,115	73	316	44	799	59
Repair of current obstetric laceration . . . . . 75.5-75.6	1,062	56	*	*	1,061	56
Manually assisted delivery . . . . . 73.5	1,031	74	-	-	1,031	74
Injection or infusion of therapeutic or prophylactic substance . . . . . 99.1-99.2	1,031	111	260	34	770	106
Fetal EKG (scalp) and fetal monitoring, not otherwise specified . . . . . 75.32,75.34	896	94	*	*	895	94
Cesarean section . . . . . 74.0-74.2,74.4,74.99	835	45	-	-	835	45
Artificial rupture of membranes . . . . . 73.0	729	54	-	-	729	54
Diagnostic ultrasound . . . . . 88.7	711	68	36	11	676	68
Rate per 10,000 population						
All procedures <sup>3</sup>	3,105.8	87.2	1,302.5	53.3	1,803.3	69.1
Extraction of lens . . . . . 13.1-13.6	110.9	8.7	109.8	8.7	*	*
Endoscopy of large intestine with or without biopsy . . . . . 45.21-45.25	99.6	5.9	78.2	5.8	21.4	0.9
Endoscopy of small intestine with or without biopsy . . . . . 45.11-45.14,45.16	99.1	5.8	66.1	5.6	32.9	1.4
Episiotomy with or without forceps or vacuum extraction . . . . . 72.1,72.21,72.31,72.71,73.6	95.7	4.4	*	*	95.7	4.4
Insertion of prosthetic lens (pseudophakos) . . . . . 13.7	83.8	5.4	82.8	5.4	*	*
Arteriography and angiocardiology using contrast material . . . . . 88.4-88.5	82.4	5.4	23.3	3.3	59.1	4.3
Repair of current obstetric laceration . . . . . 75.5-75.6	78.5	4.1	*	*	78.4	4.1
Manually assisted delivery . . . . . 73.5	76.2	5.5	-	-	76.2	5.5
Injection or infusion of therapeutic or prophylactic substance . . . . . 99.1-99.2	76.2	8.2	19.2	2.5	56.9	7.8
Fetal EKG (scalp) and fetal monitoring, not otherwise specified . . . . . 75.32,75.34	66.2	7.0	*	*	66.1	7.0
Cesarean section . . . . . 74.0-74.2,74.4,74.99	61.7	3.3	-	-	61.7	3.3
Artificial rupture of membranes . . . . . 73.0	53.9	4.0	-	-	53.9	4.0
Diagnostic ultrasound . . . . . 88.7	52.6	5.1	2.6	0.8	49.9	5.0

\* Figure does not meet standard of reliability or precision.

- Quantity zero.

<sup>1</sup>Data from the National Survey of Ambulatory Surgery. Excludes ambulatory surgery patients who became inpatients.

<sup>2</sup>Data from the National Hospital Discharge Survey. Excludes newborn infants.

<sup>3</sup>All procedures estimated from the National Survey of Ambulatory Surgery and the National Hospital Discharge Survey. Not all procedures are covered by these surveys. See "Methods" section.

## References

- Duffy SQ, Farley DE. Patterns of decline among inpatient procedures. *Public Health Reports* 110 (6):674-81. 1995.
- Leader S, Moon M. Medicare trends in ambulatory surgery. *Health Affairs* 8 (1):158-70. 1989.
- Graves EJ, Owings MF. 1996 summary: National Hospital Discharge Survey. Advance data from vital and health statistics; no 301. Hyattsville, Maryland: National Center for Health Statistics. 1998.
- Graves EJ, Kozak LJ. Detailed diagnoses and procedures, National Hospital Discharge Survey, 1996. National Center for Health Statistics. *Vital Health Stat* 13 (138). 1998.
- Gillum BS, Graves EJ, Wood E. National Hospital Discharge Survey: Annual summary, 1995. National Center for Health Statistics. *Vital Health Stat* 13 (133). 1998.
- Hall MJ, Lawrence L. Ambulatory surgery in the United States, 1996. Advance data from vital and health statistics; no 300. Hyattsville, Maryland: National Center for Health Statistics. 1998.
- Pokras R, Kozak LJ, McCarthy E. Ambulatory and inpatient procedures in the United States, 1994. National Center for Health Statistics. *Vital Health Stat* 13 (132). 1997.
- Kozak LJ, Owings MF. Ambulatory and inpatient procedures in the United States, 1995. National Center for Health Statistics. *Vital Health Stat* 13 (135). 1998.
- Hall MJ, Kozak LJ, Gillum BS. National Survey of Ambulatory Surgery: 1994. *Statistical Bulletin* 78 (3):18-27. 1997.
- Rutkow IM. Surgical operations in the United States, then (1983) and now (1994). *Arch Surg* 132 (Sept): 983-90. 1997.
- Public Health Service and Health Care Financing Administration. *International Classification of Diseases, 9th Revision, Clinical Modification*. Washington: Public Health Service. 4th ed. 1991.
- SMG Marketing Group, Inc. *Hospital Market Database*. Chicago: Healthcare Information Specialists. 1987.
- SMG Marketing Group, Inc. *Hospital Market Database*. Chicago: Healthcare Information Specialists. April 1991.

**Table H. Number and rate of ambulatory and inpatient procedures for patients under 15 years of age by selected procedure categories: United States, 1996**[Procedure groupings and code numbers are based on the *International Classification of Diseases, 9th Revision, Clinical Modification (ICD-9-CM)*]

Procedure category and ICD-9-CM code	Total		Ambulatory <sup>1</sup>		Inpatient <sup>2</sup>	
	Estimate	Standard error	Estimate	Standard error	Estimate	Standard error
Number in thousands						
All procedures <sup>3</sup>	4,331	306	2,381	136	1,950	274
Myringotomy with insertion of tube . . . . . 20.01	512	33	490	33	22	4
Tonsillectomy with or without adenoidectomy . . . . . 28.2-28.3	287	22	263	21	24	5
Respiratory therapy . . . . . 93.9,96.7	222	44	*	*	221	44
Operations on teeth, gums, and alveoli . . . . . 23-24	177	27	169	27	*	*
Injection or infusion of therapeutic or prophylactic substance . . . . . 99.1-99.2	165	34	*	*	156	34
Spinal tap . . . . . 03.31	139	24	*	*	137	24
Adenoidectomy without tonsillectomy . . . . . 28.6	129	13	126	13	*	*
Reduction of fracture . . . . . 76.7,79.0-79.3	106	9	55	7	52	6
Excision or destruction of lesion or tissue of skin and subcutaneous tissue . . . . . 86.2-86.4	94	8	71	7	23	4
Circumcision . . . . . 64.0	92	8	72	8	20	3
Repair of inguinal hernia . . . . . 53.0-53.1	87	7	75	7	12	2
Rate per 10,000 population						
All procedures <sup>3</sup>	750.6	53.0	412.6	23.5	337.9	47.5
Myringotomy with insertion of tube . . . . . 20.01	88.6	5.8	84.9	5.7	3.7	0.7
Tonsillectomy with or without adenoidectomy . . . . . 28.2-28.3	49.7	3.8	45.6	3.6	4.1	0.9
Respiratory therapy . . . . . 93.9,96.7	38.5	7.6	*	*	38.3	7.6
Operations on teeth, gums, and alveoli . . . . . 23-24	30.8	4.8	29.4	4.7	*	*
Injection or infusion of therapeutic or prophylactic substance . . . . . 99.1-99.2	28.5	5.9	*	*	27.1	5.9
Spinal tap . . . . . 03.31	24.1	4.2	*	*	23.7	4.2
Adenoidectomy without tonsillectomy . . . . . 28.6	22.4	2.2	21.8	2.2	*	*
Reduction of fracture . . . . . 76.7,79.0-79.3	18.4	1.5	9.5	1.2	8.9	1.0
Excision or destruction of lesion or tissue of skin and subcutaneous tissue . . . . . 86.2-86.4	16.3	1.3	12.4	1.1	3.9	0.6
Circumcision . . . . . 64.0	16.0	1.5	12.5	1.4	3.5	0.5
Repair of inguinal hernia . . . . . 53.0-53.1	15.1	1.3	13.0	1.2	2.1	0.4

\* Figure does not meet standard of reliability or precision.

<sup>1</sup>Data from the National Survey of Ambulatory Surgery. Excludes ambulatory surgery patients who became inpatients.<sup>2</sup>Data from the National Hospital Discharge Survey. Excludes newborn infants.<sup>3</sup>All procedures estimated from the National Survey of Ambulatory Surgery and the National Hospital Discharge Survey. Not all procedures are covered by these surveys. See "Methods" section.

14. SMG Marketing Group, Inc. Hospital Market Database. Chicago: Healthcare Information Specialists. April 1994.
15. SMG Marketing Group, Inc. Hospital Market Database. Chicago: Healthcare Information Specialists. April 1993.
16. SMG Marketing Group, Inc. Freestanding Outpatient Surgery Centers Database. Chicago: Healthcare Information Specialists. 1993.
17. Health Care Financing Administration. Provider-of-Services Public Use File. Baltimore: 1993.
18. Massey JT, Moore TF, Parsons VL, Tadros W. Design and estimation for the National Health Interview Survey, 1985-94. National Center for Health Statistics. Vital Health Stat 2 (110). 1989.
19. Graves EJ. National Hospital Discharge Survey: Annual summary, 1993. National Center for Health Statistics. Vital Health Stat 13 (121). 1995.
20. McLemore T, Lawrence L. Plan and operation of the National Survey of Ambulatory Surgery. National Center for Health Statistics. Vital Health Stat 1 (37). 1997.
21. Woodwell DA. National Ambulatory Medical Care Survey: 1996 summary. Advance data from vital and health statistics; no 295. Hyattsville, Maryland: National Center for Health Statistics. 1997.
22. McCaig LF. National Hospital Ambulatory Medical Care Survey: 1996 outpatient department summary. Advance data from vital and health statistics; no 294. Hyattsville, Maryland: National Center for Health Statistics. 1997.
23. McCaig LF, Stussman BJ. National Hospital Ambulatory Medical Care Survey: 1996 emergency department summary. Advance data from vital and health statistics; no 293. Hyattsville, Maryland: National Center for Health Statistics. 1997.
24. Kozak LJ. Surgical and nonsurgical procedures associated with hospital delivery in the United States: 1980-1987. Birth 16 (4): 209-213. 1989.
25. Shah BV, Barnwell BG, Bieler GS. SUDAAN User's Manual: Software for Analysis of Correlated Data, Release 7.00. Research Triangle Park, NC: Research Triangle Institute. 1997.
26. Hansen MH, Hurwitz WN, Madow WG. Sample survey methods and theory, vol 1. New York: John Wiley & Sons. 1953.
27. Cochran WG. Sampling techniques, 3rd ed. New York: John Wiley & Sons. 1977.

**Table J. Number and rate of ambulatory and inpatient procedures for patients 15–44 years of age by selected procedure categories: United States, 1996**[Procedure groupings and code numbers are based on the *International Classification of Diseases, 9th Revision, Clinical Modification (ICD–9–CM)*]

Procedure category and ICD–9–CM code	Total		Ambulatory <sup>1</sup>		Inpatient <sup>2</sup>	
	Estimate	Standard error	Estimate	Standard error	Estimate	Standard error
	Number in thousands					
All procedures <sup>3</sup>	24,164	755	9,561	455	14,603	602
Episiotomy with or without forceps or vacuum extraction . . . . . 72.1,72.21,72.31,72.71,73.6	1,290	60	*	*	1,290	60
Repair of current obstetric laceration . . . . . 75.5–75.6	1,059	56	*	*	1,059	56
Manually assisted delivery . . . . . 73.5	1,028	74	–	–	1,028	74
Fetal EKG (scalp) and fetal monitoring, not otherwise specified . . . . . 75.32,75.34	893	94	*	*	892	94
Cesarean section . . . . . 74.0–74.2,74.4,74.99	832	45	–	–	832	45
Artificial rupture of membranes . . . . . 73.0	727	54	–	–	727	54
Bilateral destruction or occlusion of fallopian tubes . . . . . 66.2–66.3	655	33	314	26	341	21
Endoscopy of small intestine with or without biopsy . . . . . 45.11–45.14,45.16	552	40	419	39	133	9
Injection or infusion of therapeutic or prophylactic substance . . . . . 99.1–99.2	545	67	135	18	410	65
Excision or destruction of lesion or tissue of skin and subcutaneous tissue . . . . . 86.2–86.4	461	23	330	21	130	9
Endoscopy of large intestine with or without biopsy . . . . . 45.21–45.25	443	38	380	37	63	5
Laparoscopy . . . . . 54.21	415	28	334	27	81	6
Dilation and curettage of uterus . . . . . 69.0	384	19	318	18	66	6
	Rate per 10,000 population					
All procedures <sup>3</sup>	2,035.1	63.6	805.2	38.3	1,229.9	50.7
Episiotomy with or without forceps or vacuum extraction . . . . . 72.1,72.21,72.31,72.71,73.6	108.6	5.1	*	*	108.6	5.1
Repair of current obstetric laceration . . . . . 75.5–75.6	89.2	4.7	*	*	89.2	4.7
Manually assisted delivery . . . . . 73.5	86.5	6.2	–	–	86.5	6.2
Fetal EKG (scalp) and fetal monitoring, not otherwise specified . . . . . 75.32,75.34	75.2	7.9	*	*	75.1	7.9
Cesarean section . . . . . 74.0–74.2,74.4,74.99	70.1	3.8	–	–	70.1	3.8
Artificial rupture of membranes . . . . . 73.0	61.2	4.6	–	–	61.2	4.6
Bilateral destruction or occlusion of fallopian tubes . . . . . 66.2–66.3	55.2	2.8	26.4	2.2	28.8	1.8
Endoscopy of small intestine with or without biopsy . . . . . 45.11–45.14,45.16	46.5	3.4	35.3	3.3	11.2	0.8
Injection or infusion of therapeutic or prophylactic substance . . . . . 99.1–99.2	45.9	5.7	11.3	1.5	34.6	5.5
Excision or destruction of lesion or tissue of skin and subcutaneous tissue . . . . . 86.2–86.4	38.8	2.0	27.8	1.8	11.0	0.7
Endoscopy of large intestine with or without biopsy . . . . . 45.21–45.25	37.3	3.2	32.0	3.1	5.3	0.4
Laparoscopy . . . . . 54.21	35.0	2.4	28.1	2.3	6.8	0.5
Dilation and curettage of uterus . . . . . 69.0	32.3	1.6	26.8	1.5	5.5	0.5

\* Figure does not meet standard of reliability or precision.

– Quantity zero.

<sup>1</sup>Data from the National Survey of Ambulatory Surgery. Excludes ambulatory surgery patients who became inpatients.<sup>2</sup>Data from the National Hospital Discharge Survey. Excludes newborn infants.<sup>3</sup>All procedures estimated from the National Survey of Ambulatory Surgery and the National Hospital Discharge Survey. Not all procedures are covered by these surveys. See "Methods" section.

**Table K. Number and rate of ambulatory and inpatient procedures for patients 45–64 years of age by selected procedure categories: United States, 1996**[Procedure groupings and code numbers are based on the *International Classification of Diseases, 9th Revision, Clinical Modification (ICD–9–CM)*]

Procedure category and ICD–9–CM code	Total		Ambulatory <sup>1</sup>		Inpatient <sup>2</sup>	
	Estimate	Standard error	Estimate	Standard error	Estimate	Standard error
	Number in thousands					
All procedures <sup>3</sup>	18,126	582	8,825	407	9,302	417
Arteriography and angiocardiography using contrast material . . . . . 88.4–88.5	1,131	71	319	43	812	56
Endoscopy of large intestine with or without biopsy . . . . . 45.21–45.25	806	52	696	52	109	7
Endoscopy of small intestine with or without biopsy . . . . . 45.11–45.14,45.16	714	46	502	44	211	13
Cardiac catheterization . . . . . 37.21–37.23	702	44	206	28	496	34
Injection or infusion of therapeutic or prophylactic substance . . . . . 99.1–99.2	497	46	165	23	331	40
Excision or destruction of lesion or tissue of skin and subcutaneous tissue . . . . . 86.2–86.4	384	19	258	17	126	8
Extraction of lens . . . . . 13.1–13.6	335	26	331	26	*	*
Removal of coronary artery obstruction and insertion of stent(s) . . . . . 36.0	332	27	*	*	307	26
Operations on muscles, tendons, fascia and bursa . . . . . 82–83	328	20	254	18	74	7
Diagnostic ultrasound . . . . . 88.7	296	28	33	5	264	28
Insertion of prosthetic lens (pseudophakos) . . . . . 13.7	274	20	270	20	*	*
Cholecystectomy . . . . . 51.2	267	17	120	12	147	11
Cystoscopy with or without biopsy . . . . . 57.31–57.33	254	21	205	20	49	4
	Rate per 10,000 population					
All procedures <sup>3</sup>	3,375.8	108.5	1,643.5	75.8	1,732.4	77.6
Arteriography and angiocardiography using contrast material . . . . . 88.4–88.5	210.7	13.2	59.4	8.1	151.3	10.5
Endoscopy of large intestine with or without biopsy . . . . . 45.21–45.25	150.0	9.8	129.7	9.7	20.4	1.3
Endoscopy of small intestine with or without biopsy . . . . . 45.11–45.14,45.16	132.9	8.6	93.6	8.2	39.3	2.5
Cardiac catheterization . . . . . 37.21–37.23	130.7	8.3	38.4	5.3	92.3	6.4
Injection or infusion of therapeutic or prophylactic substance . . . . . 99.1–99.2	92.5	8.7	30.8	4.3	61.7	7.5
Excision or destruction of lesion or tissue of skin and subcutaneous tissue . . . . . 86.2–86.4	71.6	3.5	48.1	3.1	23.5	1.5
Extraction of lens . . . . . 13.1–13.6	62.4	4.9	61.7	4.9	*	*
Removal of coronary artery obstruction and insertion of stent(s) . . . . . 36.0	61.8	5.1	*	*	57.2	4.8
Operations on muscles, tendons, fascia and bursa . . . . . 82–83	61.1	3.6	47.2	3.4	13.9	1.3
Diagnostic ultrasound . . . . . 88.7	55.2	5.3	6.1	1.0	49.1	5.2
Insertion of prosthetic lens (pseudophakos) . . . . . 13.7	51.1	3.8	50.4	3.8	*	*
Cholecystectomy . . . . . 51.2	49.8	3.1	22.4	2.3	27.4	2.1
Cystoscopy with or without biopsy . . . . . 57.31–57.33	47.4	3.9	38.2	3.8	9.2	0.8

\* Figure does not meet standard of reliability or precision.

<sup>1</sup>Data from the National Survey of Ambulatory Surgery. Excludes ambulatory surgery patients who became inpatients.<sup>2</sup>Data from the National Hospital Discharge Survey. Excludes newborn infants.<sup>3</sup>All procedures estimated from the National Survey of Ambulatory Surgery and the National Hospital Discharge Survey. Not all procedures are covered by these surveys. See "Methods" section.

**Table L. Number and rate of ambulatory and inpatient procedures for patients 65 years of age and over by selected procedure categories: United States, 1996**[Procedure groupings and code numbers are based on the *International Classification of Diseases, 9th Revision, Clinical Modification (ICD-9-CM)*]

Procedure category and ICD-9-CM code	Total		Ambulatory <sup>1</sup>		Inpatient <sup>2</sup>	
	Estimate	Standard error	Estimate	Standard error	Estimate	Standard error
Number in thousands						
All procedures <sup>3</sup>	25,282	848	10,740	516	14,542	673
Extraction of lens . . . . . 13.1-13.6	1,998	169	1,977	169	*	*
Insertion of prosthetic lens (pseudophakos) . . . . . 13.7	1,521	106	1,501	106	*	*
Arteriography and angiocardiology using contrast material . . . . . 88.4-88.5	1,370	89	404	60	965	66
Endoscopy of large intestine with or without biopsy . . . . . 45.21-45.25	1,135	66	822	64	313	15
Endoscopy of small intestine with or without biopsy . . . . . 45.11-45.14,45.16	1,099	59	614	55	485	23
Cardiac catheterization . . . . . 37.21-37.23	774	57	213	36	561	45
Diagnostic ultrasound . . . . . 88.7	658	62	41	10	617	61
Injection or infusion of therapeutic or prophylactic substance . . . . . 99.1-99.2	589	65	155	22	434	61
Computerized axial tomography . . . . . 87.03,87.41,87.71,88.01,88.38	518	47	*22	*6	496	47
Respiratory therapy . . . . . 93.9,96.7	493	52	*	*	489	52
Cystoscopy with or without biopsy . . . . . 57.31-57.33	454	40	336	40	118	9
Excision or destruction of lesion or tissue of skin and subcutaneous tissue . . . . . 86.2-86.4	403	19	217	16	186	11
Rate per 10,000 population						
All procedures <sup>3</sup>	7,466.5	250.5	3,171.9	152.3	4,294.6	198.8
Extraction of lens . . . . . 13.1-13.6	589.9	49.8	584.0	49.8	*	*
Insertion of prosthetic lens (pseudophakos) . . . . . 13.7	449.1	31.3	443.4	31.2	*	*
Arteriography and angiocardiology using contrast material . . . . . 88.4-88.5	404.5	26.4	119.4	17.8	285.0	19.4
Endoscopy of large intestine with or without biopsy . . . . . 45.21-45.25	335.1	19.5	242.7	19.0	92.4	4.4
Endoscopy of small intestine with or without biopsy . . . . . 45.11-45.14,45.16	324.6	17.5	181.3	16.1	143.3	6.8
Cardiac catheterization . . . . . 37.21-37.23	228.7	16.8	62.9	10.5	165.8	13.2
Diagnostic ultrasound . . . . . 88.7	194.3	18.2	12.0	3.0	182.2	17.9
Injection or infusion of therapeutic or prophylactic substance . . . . . 99.1-99.2	174.0	19.2	45.8	6.5	128.2	18.1
Computerized axial tomography . . . . . 87.03,87.41,87.71,88.01,88.38	153.1	13.9	*6.5	*1.8	146.5	13.8
Respiratory therapy . . . . . 93.9,96.7	145.5	15.4	*	*	144.3	15.4
Cystoscopy with or without biopsy . . . . . 57.31-57.33	134.1	11.9	99.1	11.7	35.0	2.5
Excision or destruction of lesion or tissue of skin and subcutaneous tissue . . . . . 86.2-86.4	119.0	5.6	64.1	4.6	54.9	3.2

\* Figure does not meet standard of reliability or precision.

<sup>1</sup>Data from the National Survey of Ambulatory Surgery. Excludes ambulatory surgery patients who became inpatients.<sup>2</sup>Data from the National Hospital Discharge Survey. Excludes newborn infants.<sup>3</sup>All procedures estimated from the National Survey of Ambulatory Surgery and the National Hospital Discharge Survey. Not all procedures are covered by these surveys. See "Methods" section.

**Table 1. Number of ambulatory and inpatient procedures by sex and age: United States, 1996**

Sex and age	Total		Ambulatory <sup>1</sup>		Inpatient <sup>2</sup>	
	Estimate	Standard error	Estimate	Standard error	Estimate	Standard error
Number in thousands						
Both sexes						
All ages . . . . .	71,904	2,105	31,507	1,323	40,397	1,638
Under 15 years . . . . .	4,331	306	2,381	136	1,950	274
Under 1 year . . . . .	913	105	218	17	695	103
1–4 years . . . . .	1,450	99	980	61	470	78
5–14 years . . . . .	1,969	123	1,184	68	785	102
15–44 years . . . . .	24,164	755	9,561	455	14,603	602
15–24 years . . . . .	5,538	185	1,664	91	3,874	161
25–34 years . . . . .	9,368	319	3,296	165	6,072	274
35–44 years . . . . .	9,258	314	4,600	231	4,657	213
45–64 years . . . . .	18,126	582	8,825	407	9,302	417
45–54 years . . . . .	9,125	294	4,645	222	4,480	193
55–64 years . . . . .	9,001	308	4,180	196	4,821	238
65 years and over . . . . .	25,282	848	10,740	516	14,542	673
65–74 years . . . . .	12,475	436	5,602	273	6,874	340
75–84 years . . . . .	9,874	338	4,214	218	5,660	259
85 years and over . . . . .	2,933	126	924	50	2,008	116
Male						
All ages . . . . .	29,880	982	13,883	620	15,997	761
Under 15 years . . . . .	2,551	175	1,419	83	1,132	155
Under 1 year . . . . .	565	60	144	13	420	59
1–4 years . . . . .	869	59	600	39	269	45
5–14 years . . . . .	1,118	71	675	41	443	58
15–44 years . . . . .	7,080	273	3,702	189	3,377	197
15–24 years . . . . .	1,366	64	682	44	685	46
25–34 years . . . . .	2,194	98	1,200	71	994	67
35–44 years . . . . .	3,520	137	1,821	95	1,698	99
45–64 years . . . . .	8,875	310	4,048	198	4,827	238
45–54 years . . . . .	4,234	151	2,044	105	2,189	109
55–64 years . . . . .	4,641	175	2,003	100	2,638	144
65 years and over . . . . .	11,374	412	4,714	245	6,660	331
65–74 years . . . . .	6,074	235	2,618	138	3,456	191
75–84 years . . . . .	4,313	161	1,775	105	2,537	122
85 years and over . . . . .	987	51	320	21	667	46
Female						
All ages . . . . .	42,024	1,181	17,624	722	24,400	934
Under 15 years . . . . .	1,780	135	962	58	818	121
Under 1 year . . . . .	348	47	73	7	275	46
1–4 years . . . . .	580	43	380	27	201	34
5–14 years . . . . .	852	56	509	30	342	47
15–44 years . . . . .	17,084	546	5,858	279	11,226	470
15–24 years . . . . .	4,171	148	982	56	3,189	137
25–34 years . . . . .	7,174	260	2,097	106	5,078	238
35–44 years . . . . .	5,738	197	2,779	143	2,959	135
45–64 years . . . . .	9,251	294	4,777	222	4,474	193
45–54 years . . . . .	4,892	161	2,601	127	2,291	98
55–64 years . . . . .	4,360	148	2,176	103	2,183	106
65 years and over . . . . .	13,909	457	6,027	284	7,882	358
65–74 years . . . . .	6,402	218	2,984	145	3,418	163
75–84 years . . . . .	5,562	194	2,439	123	3,123	150
85 years and over . . . . .	1,945	84	604	35	1,341	77

<sup>1</sup>Data from the National Survey of Ambulatory Surgery. Excludes ambulatory surgery patients who became inpatients.<sup>2</sup>Data from the National Hospital Discharge Survey. Excludes newborn infants.

NOTE: Procedures estimated from the National Survey of Ambulatory Surgery and National Hospital Discharge Survey. Not all procedures are covered by these surveys. See "Methods" section.



**Table 2. Rate of ambulatory and inpatient procedures by sex and age: United States, 1996**

Sex and age	Total		Ambulatory <sup>1</sup>		Inpatient <sup>2</sup>	
	Estimate	Standard error	Estimate	Standard error	Estimate	Standard error
Rate per 1,000 population						
Both sexes						
All ages . . . . .	272.4	8.0	119.3	5.0	153.0	6.2
Under 15 years . . . . .	75.1	5.3	41.3	2.3	33.8	4.8
Under 1 year . . . . .	242.1	27.8	57.8	4.6	184.3	27.5
1–4 years . . . . .	93.4	6.4	63.1	3.9	30.3	5.0
5–14 years . . . . .	51.2	3.2	30.8	1.8	20.4	2.7
15–44 years . . . . .	203.5	6.4	80.5	3.8	123.0	5.1
15–24 years . . . . .	154.9	5.2	46.6	2.5	108.4	4.5
25–34 years . . . . .	235.0	8.0	82.7	4.1	152.3	6.9
35–44 years . . . . .	214.7	7.3	106.7	5.3	108.0	4.9
45–64 years . . . . .	337.6	10.8	164.3	7.6	173.2	7.8
45–54 years . . . . .	282.2	9.1	143.7	6.9	138.6	6.0
55–64 years . . . . .	421.4	14.4	195.7	9.2	225.7	11.1
65 years and over . . . . .	746.7	25.0	317.2	15.2	429.5	19.9
65–74 years . . . . .	668.2	23.4	300.0	14.6	368.2	18.2
75–84 years . . . . .	863.9	29.6	368.7	19.1	495.2	22.6
85 years and over . . . . .	779.6	33.5	245.7	13.3	533.9	30.7
Male						
All ages . . . . .	232.2	7.6	107.9	4.8	124.3	5.9
Under 15 years . . . . .	86.3	5.9	48.0	2.8	38.3	5.2
Under 1 year . . . . .	292.8	31.1	74.9	6.6	217.9	30.4
1–4 years . . . . .	109.5	7.5	75.6	4.9	33.9	5.7
5–14 years . . . . .	56.8	3.6	34.3	2.1	22.5	2.9
15–44 years . . . . .	119.4	4.6	62.4	3.2	57.0	3.3
15–24 years . . . . .	75.0	3.5	37.4	2.4	37.6	2.5
25–34 years . . . . .	111.1	5.0	60.7	3.6	50.3	3.4
35–44 years . . . . .	165.0	6.4	85.4	4.5	79.6	4.6
45–64 years . . . . .	341.8	11.9	155.9	7.6	185.9	9.2
45–54 years . . . . .	267.9	9.6	129.4	6.6	138.5	6.9
55–64 years . . . . .	456.6	17.2	197.1	9.9	259.5	14.1
65 years and over . . . . .	819.4	29.7	339.6	17.7	479.8	23.8
65–74 years . . . . .	729.6	28.3	314.5	16.6	415.1	22.9
75–84 years . . . . .	961.3	35.8	395.7	23.4	565.5	27.1
85 years and over . . . . .	922.9	47.6	299.5	19.7	623.4	43.3
Female						
All ages . . . . .	310.6	8.7	130.3	5.3	180.3	6.9
Under 15 years . . . . .	63.2	4.8	34.2	2.1	29.0	4.3
Under 1 year . . . . .	189.0	25.5	39.8	3.8	149.2	25.2
1–4 years . . . . .	76.6	5.7	50.1	3.5	26.5	4.5
5–14 years . . . . .	45.4	3.0	27.2	1.6	18.3	2.5
15–44 years . . . . .	287.4	9.2	98.6	4.7	188.9	7.9
15–24 years . . . . .	237.9	8.4	56.0	3.2	181.9	7.8
25–34 years . . . . .	356.7	12.9	104.2	5.3	252.4	11.8
35–44 years . . . . .	263.3	9.0	127.5	6.6	135.8	6.2
45–64 years . . . . .	333.7	10.6	172.3	8.0	161.4	7.0
45–54 years . . . . .	295.9	9.7	157.3	7.7	138.6	5.9
55–64 years . . . . .	389.4	13.2	194.4	9.2	195.0	9.4
65 years and over . . . . .	696.1	22.9	301.6	14.2	394.5	17.9
65–74 years . . . . .	618.8	21.1	288.4	14.0	330.4	15.8
75–84 years . . . . .	801.0	27.9	351.2	17.7	449.7	21.6
85 years and over . . . . .	722.7	31.4	224.3	13.1	498.4	28.5

<sup>1</sup>Data from the National Survey of Ambulatory Surgery. Excludes ambulatory surgery patients who became inpatients.<sup>2</sup>Data from the National Hospital Discharge Survey. Excludes newborn infants.

NOTE: Procedures estimated from the National Survey of Ambulatory Surgery and the National Hospital Discharge Survey. Not all procedures are covered by these surveys. See "Methods" section.



**Table 3. Number of ambulatory and inpatient discharges with procedures by sex and age: United States, 1996**

Sex and age	Total		Ambulatory <sup>1</sup>		Inpatient <sup>2</sup>	
	Estimate	Standard error	Estimate	Standard error	Estimate	Standard error
Number in thousands						
Both sexes						
All ages . . . . .	39,903	1,105	20,610	848	19,294	707
Under 15 years . . . . .	2,764	161	1,741	98	1,024	128
Under 1 year . . . . .	535	52	177	15	358	50
1–4 years . . . . .	940	56	703	43	237	36
5–14 years . . . . .	1,289	68	861	48	429	48
15–44 years . . . . .	13,728	402	6,257	289	7,471	280
15–24 years . . . . .	3,182	95	1,132	60	2,050	74
25–34 years . . . . .	5,274	166	2,151	103	3,124	130
35–44 years . . . . .	5,272	172	2,975	142	2,297	97
45–64 years . . . . .	9,834	309	5,689	255	4,145	174
45–54 years . . . . .	5,021	159	3,001	137	2,020	81
55–64 years . . . . .	4,813	158	2,689	123	2,124	100
65 years and over . . . . .	13,577	436	6,922	325	6,655	290
65–74 years . . . . .	6,646	218	3,618	170	3,028	137
75–84 years . . . . .	5,321	185	2,698	137	2,623	124
85 years and over . . . . .	1,609	59	606	33	1,004	49
Male						
All ages . . . . .	16,347	506	9,014	394	7,333	317
Under 15 years . . . . .	1,623	93	1,029	59	594	72
Under 1 year . . . . .	331	30	117	11	214	28
1–4 years . . . . .	566	34	430	27	136	21
5–14 years . . . . .	725	39	482	28	244	27
15–44 years . . . . .	4,095	148	2,388	120	1,708	87
15–24 years . . . . .	796	35	452	28	344	20
25–34 years . . . . .	1,287	53	771	43	516	31
35–44 years . . . . .	2,012	74	1,165	60	847	43
45–64 years . . . . .	4,677	158	2,581	124	2,097	98
45–54 years . . . . .	2,269	77	1,299	63	970	45
55–64 years . . . . .	2,408	87	1,281	64	1,127	58
65 years and over . . . . .	5,951	203	3,016	147	2,935	140
65–74 years . . . . .	3,139	110	1,664	81	1,475	75
75–84 years . . . . .	2,282	86	1,144	65	1,138	57
85 years and over . . . . .	531	24	209	13	322	20
Female						
All ages . . . . .	23,556	624	11,596	464	11,961	417
Under 15 years . . . . .	1,141	71	711	43	430	56
Under 1 year . . . . .	203	24	60	6	144	23
1–4 years . . . . .	374	25	273	19	101	16
5–14 years . . . . .	564	31	379	22	185	22
15–44 years . . . . .	9,633	284	3,870	176	5,763	224
15–24 years . . . . .	2,385	75	680	37	1,706	65
25–34 years . . . . .	3,987	132	1,380	66	2,607	114
35–44 years . . . . .	3,260	108	1,810	87	1,450	64
45–64 years . . . . .	5,157	160	3,109	137	2,048	82
45–54 years . . . . .	2,752	89	1,701	78	1,051	41
55–64 years . . . . .	2,405	78	1,407	63	998	46
65 years and over . . . . .	7,626	243	3,906	186	3,720	156
65–74 years . . . . .	3,508	116	1,955	94	1,553	68
75–84 years . . . . .	3,039	105	1,554	78	1,485	71
85 years and over . . . . .	1,079	40	397	24	682	32

<sup>1</sup>Data from the National Survey of Ambulatory Surgery. Excludes ambulatory surgery patients who became inpatients.<sup>2</sup>Data from the National Hospital Discharge Survey. Excludes newborn infants.

**Table 4. Rate of ambulatory and inpatient discharges with procedures by sex and age: United States, 1996**

Sex and age	Total		Ambulatory <sup>1</sup>		Inpatient <sup>2</sup>	
	Estimate	Standard error	Estimate	Standard error	Estimate	Standard error
Rate per 1,000 population						
Both sexes						
All ages . . . . .	151.2	4.2	78.1	3.2	73.1	2.7
Under 15 years . . . . .	47.9	2.8	30.2	1.7	17.7	2.2
Under 1 year . . . . .	141.8	13.9	46.9	4.0	95.0	13.3
1–4 years . . . . .	60.6	3.6	45.3	2.8	15.3	2.3
5–14 years . . . . .	33.6	1.8	22.4	1.2	11.2	1.2
15–44 years . . . . .	115.6	3.4	52.7	2.4	62.9	2.4
15–24 years . . . . .	89.0	2.7	31.7	1.7	57.4	2.1
25–34 years . . . . .	132.3	4.2	53.9	2.6	78.4	3.3
35–44 years . . . . .	122.2	4.0	69.0	3.3	53.3	2.3
45–64 years . . . . .	183.2	5.8	106.0	4.8	77.2	3.2
45–54 years . . . . .	155.3	4.9	92.8	4.2	62.5	2.5
55–64 years . . . . .	225.3	7.4	125.9	5.8	99.5	4.7
65 years and over . . . . .	401.0	12.9	204.4	9.6	196.5	8.6
65–74 years . . . . .	356.0	11.7	193.8	9.1	162.2	7.3
75–84 years . . . . .	465.5	16.2	236.1	12.0	229.5	10.8
85 years and over . . . . .	427.9	15.6	161.0	8.7	266.9	12.9
Male						
All ages . . . . .	127.0	3.9	70.0	3.1	57.0	2.5
Under 15 years . . . . .	54.9	3.1	34.8	2.0	20.1	2.4
Under 1 year . . . . .	171.7	15.6	60.7	5.6	111.0	14.6
1–4 years . . . . .	71.3	4.3	54.2	3.4	17.1	2.6
5–14 years . . . . .	36.9	2.0	24.5	1.4	12.4	1.4
15–44 years . . . . .	69.1	2.5	40.3	2.0	28.8	1.5
15–24 years . . . . .	43.7	1.9	24.8	1.5	18.9	1.1
25–34 years . . . . .	65.2	2.7	39.0	2.2	26.1	1.6
35–44 years . . . . .	94.3	3.5	54.6	2.8	39.7	2.0
45–64 years . . . . .	180.1	6.1	99.4	4.8	80.7	3.8
45–54 years . . . . .	143.6	4.9	82.2	4.0	61.4	2.8
55–64 years . . . . .	236.9	8.5	126.1	6.3	110.8	5.7
65 years and over . . . . .	428.7	14.6	217.3	10.6	211.4	10.1
65–74 years . . . . .	377.0	13.2	199.9	9.7	177.2	9.0
75–84 years . . . . .	508.7	19.3	255.0	14.5	253.7	12.7
85 years and over . . . . .	496.0	22.2	195.0	12.0	301.0	18.6
Female						
All ages . . . . .	174.1	4.6	85.7	3.4	88.4	3.1
Under 15 years . . . . .	40.5	2.5	25.3	1.5	15.3	2.0
Under 1 year . . . . .	110.5	12.8	32.4	3.3	78.1	12.4
1–4 years . . . . .	49.3	3.3	36.0	2.5	13.3	2.1
5–14 years . . . . .	30.1	1.6	20.2	1.2	9.9	1.2
15–44 years . . . . .	162.0	4.8	65.1	3.0	97.0	3.8
15–24 years . . . . .	136.1	4.3	38.8	2.1	97.3	3.7
25–34 years . . . . .	198.2	6.5	68.6	3.3	129.6	5.7
35–44 years . . . . .	149.6	4.9	83.0	4.0	66.5	2.9
45–64 years . . . . .	186.0	5.8	112.1	4.9	73.9	3.0
45–54 years . . . . .	166.5	5.4	102.9	4.7	63.6	2.5
55–64 years . . . . .	214.8	7.0	125.7	5.6	89.1	4.1
65 years and over . . . . .	381.7	12.1	195.5	9.3	186.2	7.8
65–74 years . . . . .	339.1	11.2	189.0	9.1	150.1	6.5
75–84 years . . . . .	437.7	15.2	223.9	11.2	213.8	10.3
85 years and over . . . . .	400.8	14.9	147.5	8.9	253.3	11.9

<sup>1</sup>Data from the National Survey of Ambulatory Surgery. Excludes ambulatory surgery patients who became inpatients.<sup>2</sup>Data from the National Hospital Discharge Survey. Excludes newborn infants.

**Table 5. Number of ambulatory and inpatient procedures by age and region: United States, 1996**

Age and region	Total		Ambulatory <sup>1</sup>		Inpatient <sup>2</sup>	
	Estimate	Standard error	Estimate	Standard error	Estimate	Standard error
Number in thousands						
All ages						
United States . . . . .	71,904	2,105	31,507	1,323	40,397	1,638
Northeast . . . . .	16,440	1,031	6,569	568	9,870	861
Midwest . . . . .	16,727	1,135	7,956	664	8,771	920
South . . . . .	23,467	1,168	10,494	853	12,973	798
West . . . . .	15,270	847	6,487	509	8,783	677
Under 15 years						
United States . . . . .	4,331	306	2,381	136	1,950	274
Northeast . . . . .	1,098	199	417	49	682	193
Midwest . . . . .	1,045	149	664	80	*	*
South . . . . .	1,263	114	839	82	424	79
West . . . . .	925	136	462	53	463	125
15–44 years						
United States . . . . .	24,164	755	9,561	455	14,603	602
Northeast . . . . .	5,202	344	1,979	182	3,223	292
Midwest . . . . .	5,415	357	2,336	201	3,079	295
South . . . . .	8,015	388	3,200	310	4,815	233
West . . . . .	5,531	416	2,045	193	3,486	369
45–64 years						
United States . . . . .	18,126	582	8,825	407	9,302	417
Northeast . . . . .	4,094	301	1,897	184	2,197	237
Midwest . . . . .	4,177	297	2,217	208	1,960	212
South . . . . .	6,179	340	2,830	250	3,348	230
West . . . . .	3,677	212	1,881	161	1,796	139
65 years and over						
United States . . . . .	25,282	848	10,740	516	14,542	673
Northeast . . . . .	6,045	396	2,276	217	3,769	331
Midwest . . . . .	6,090	448	2,739	253	3,351	370
South . . . . .	8,010	517	3,625	342	4,385	387
West . . . . .	5,137	307	2,100	194	3,038	239

\* Figure does not meet standard of reliability or precision.

<sup>1</sup>Data from the National Survey of Ambulatory Surgery. Excludes ambulatory surgery patients who became inpatients.<sup>2</sup>Data from the National Hospital Discharge Survey. Excludes newborn infants.

NOTE: Procedures are estimated from the National Survey of Ambulatory Surgery and National Hospital Discharge Survey. Not all procedures are covered by these surveys. See "Methods" section.

**Table 6. Rate of ambulatory and inpatient procedures by age and region: United States, 1996**

Age and region	Total		Ambulatory <sup>1</sup>		Inpatient <sup>2</sup>	
	Estimate	Standard error	Estimate	Standard error	Estimate	Standard error
Rate per 1,000 population						
All ages						
United States . . . . .	272.4	8.0	119.3	5.0	153.0	6.2
Northeast . . . . .	319.1	20.0	127.5	11.0	191.6	16.7
Midwest . . . . .	269.9	18.3	128.4	10.7	141.5	14.8
South . . . . .	254.0	12.6	113.6	9.2	140.4	8.6
West . . . . .	262.7	14.6	111.6	8.8	151.1	11.6
Under 15 years						
United States . . . . .	75.1	5.3	41.3	2.3	33.8	4.8
Northeast . . . . .	103.5	18.8	39.3	4.6	64.3	18.2
Midwest . . . . .	77.7	11.1	49.4	6.0	*	*
South . . . . .	62.9	5.7	41.7	4.1	21.1	4.0
West . . . . .	68.2	10.0	34.1	3.9	34.1	9.2
15–44 years						
United States . . . . .	203.5	6.4	80.5	3.8	123.0	5.1
Northeast . . . . .	227.8	15.1	86.7	8.0	141.1	12.8
Midwest . . . . .	194.8	12.9	84.0	7.2	110.8	10.6
South . . . . .	193.5	9.4	77.3	7.5	116.2	5.6
West . . . . .	207.3	15.6	76.6	7.2	130.6	13.8
45–64 years						
United States . . . . .	337.6	10.8	164.3	7.6	173.2	7.8
Northeast . . . . .	380.4	27.9	176.3	17.1	204.2	22.1
Midwest . . . . .	331.2	23.6	175.8	16.5	155.4	16.8
South . . . . .	324.6	17.9	148.7	13.2	175.9	12.1
West . . . . .	325.9	18.8	166.7	14.2	159.2	12.3
65 years and over						
United States . . . . .	746.7	25.0	317.2	15.2	429.5	19.9
Northeast . . . . .	826.3	54.2	311.2	29.7	515.1	45.3
Midwest . . . . .	749.3	55.2	337.0	31.2	412.3	45.5
South . . . . .	677.5	43.7	306.6	28.9	370.9	32.7
West . . . . .	779.1	46.6	318.5	29.4	460.6	36.2

\* Figure does not meet standard of reliability or precision.

<sup>1</sup>Data from the National Survey of Ambulatory Surgery. Excludes ambulatory surgery patients who became inpatients.<sup>2</sup>Data from the National Hospital Discharge Survey. Excludes newborn infants.

NOTE: Procedures are estimated from the National Survey of Ambulatory Surgery and National Hospital Discharge Survey. Not all procedures are covered by these surveys. See "Methods" section.

Table 7. Number of ambulatory and inpatient discharges with procedures by age and region: United States, 1996

Age and region	Total		Ambulatory <sup>1</sup>		Inpatient <sup>2</sup>	
	Estimate	Standard error	Estimate	Standard error	Estimate	Standard error
Number in thousands						
All ages						
United States . . . . .	39,903	1,105	20,610	848	19,294	707
Northeast . . . . .	8,976	504	4,456	392	4,520	317
Midwest . . . . .	9,337	523	5,247	398	4,090	339
South . . . . .	13,334	703	6,778	553	6,556	433
West . . . . .	8,256	447	4,128	320	4,129	312
Under 15 years						
United States . . . . .	2,764	161	1,741	98	1,024	128
Northeast . . . . .	649	96	312	38	336	88
Midwest . . . . .	666	74	478	52	189	53
South . . . . .	850	72	611	61	238	38
West . . . . .	599	77	339	42	260	65
15–44 years						
United States . . . . .	13,728	402	6,257	289	7,471	280
Northeast . . . . .	2,933	179	1,354	135	1,579	118
Midwest . . . . .	3,071	161	1,533	112	1,538	115
South . . . . .	4,700	243	2,061	192	2,639	149
West . . . . .	3,025	211	1,310	124	1,714	171
45–64 years						
United States . . . . .	9,834	309	5,689	255	4,145	174
Northeast . . . . .	2,234	148	1,266	120	968	87
Midwest . . . . .	2,304	149	1,452	125	852	81
South . . . . .	3,333	194	1,806	160	1,528	110
West . . . . .	1,963	118	1,166	97	797	66
65 years and over						
United States . . . . .	13,577	436	6,922	325	6,655	290
Northeast . . . . .	3,161	186	1,525	140	1,636	122
Midwest . . . . .	3,296	207	1,785	156	1,511	137
South . . . . .	4,451	295	2,300	219	2,150	198
West . . . . .	2,669	158	1,312	119	1,357	104

<sup>1</sup>Data from the National Survey of Ambulatory Surgery. Excludes ambulatory surgery patients who became inpatients.<sup>2</sup>Data from the National Hospital Discharge Survey. Excludes newborn infants.

**Table 8. Rate of ambulatory and inpatient discharges with procedures by age and region: United States, 1996**

Age and region	Total		Ambulatory <sup>1</sup>		Inpatient <sup>2</sup>	
	Estimate	Standard error	Estimate	Standard error	Estimate	Standard error
Rate per 1,000 population						
All ages						
United States . . . . .	151.2	4.2	78.1	3.2	73.1	2.7
Northeast . . . . .	174.2	9.8	86.5	7.6	87.7	6.2
Midwest . . . . .	150.6	8.4	84.7	6.4	66.0	5.5
South . . . . .	144.3	7.6	73.4	6.0	71.0	4.7
West . . . . .	142.1	7.7	71.0	5.5	71.0	5.4
Under 15 years						
United States . . . . .	47.9	2.8	30.2	1.7	17.7	2.2
Northeast . . . . .	61.2	9.0	29.4	3.6	31.7	8.3
Midwest . . . . .	49.6	5.5	35.5	3.9	14.0	4.0
South . . . . .	42.3	3.6	30.4	3.0	11.9	1.9
West . . . . .	44.2	5.7	25.0	3.1	19.2	4.8
15–44 years						
United States . . . . .	115.6	3.4	52.7	2.4	62.9	2.4
Northeast . . . . .	128.4	7.9	59.3	5.9	69.1	5.2
Midwest . . . . .	110.5	5.8	55.1	4.0	55.3	4.1
South . . . . .	113.5	5.9	49.8	4.6	63.7	3.6
West . . . . .	113.3	7.9	49.1	4.7	64.2	6.4
45–64 years						
United States . . . . .	183.2	5.8	106.0	4.8	77.2	3.2
Northeast . . . . .	207.6	13.8	117.6	11.2	90.0	8.0
Midwest . . . . .	182.7	11.8	115.1	9.9	67.5	6.4
South . . . . .	175.1	10.2	94.9	8.4	80.2	5.8
West . . . . .	174.0	10.4	103.3	8.6	70.7	5.8
65 years and over						
United States . . . . .	401.0	12.9	204.4	9.6	196.5	8.6
Northeast . . . . .	432.1	25.5	208.4	19.2	223.6	16.7
Midwest . . . . .	405.6	25.5	219.6	19.1	185.9	16.8
South . . . . .	376.4	25.0	194.6	18.5	181.9	16.8
West . . . . .	404.8	23.9	199.0	18.0	205.8	15.8

<sup>1</sup>Data from the National Survey of Ambulatory Surgery. Excludes ambulatory surgery patients who became inpatients.<sup>2</sup>Data from the National Hospital Discharge Survey. Excludes newborn infants.

**Table 9. Number of ambulatory and inpatient procedures by procedure category and location: United States, 1996**[Procedure groupings and code numbers are based on the *International Classification of Diseases, 9th Revision, Clinical Modification (ICD-9-CM)*]

Procedure category and ICD-9-CM code	All procedures <sup>1</sup>	Ambulatory <sup>2</sup>			Hospital inpatient <sup>3</sup>
		Total	Hospital	Freestanding centers	
		Number of procedures in thousands			
All procedures . . . . .	71,904	31,507	26,373	5,134	40,397
Operations on the nervous system . . . . . 01-05	2,177	1,240	1,044	196	937
Incision and excision of the skull, brain, and cerebral meninges . . . . . 01.0,01.2-01.6	104	*	*	-	101
Laminectomy . . . . . 03.0	125	*	*	*	111
Spinal tap . . . . . 03.31	325	15	*	*	310
Injection into spinal canal . . . . . 03.91-03.92	615	534	439	95	81
Release of carpal tunnel . . . . . 04.43	366	358	300	58	8
Other operations on cranial and peripheral nerves . . . . . 04.01-04.42,04.44-04.99	277	234	200	34	44
Other operations on the nervous system . . . . . 01.1,02,03.1-03.2,03.32-03.90,03.93-03.99,05.0-05.9	364	82	73	9	283
Operations on the endocrine system . . . . . 06-07	135	34	34	*	101
Thyroidectomy . . . . . 06.2-06.6	66	*17	*17	*	49
Other operations on the endocrine system . . . . . 06.0-06.1,06.7-07.9	69	17	17	*	52
Operations on the eye . . . . . 08-16	5,494	5,306	3,270	2,035	188
Excision or destruction of lesion or tissue of eyelid . . . . . 08.2	73	71	55	16	*
Other operations on the eyelids . . . . . 08.0-08.1,08.3-08.9	256	218	140	78	37
Extraction of lens . . . . . 13.1-13.6	2,393	2,367	1,366	1,001	26
Insertion of prosthetic lens (pseudophakos) . . . . . 13.7	1,840	1,816	1,101	716	*
Destruction of lesion of retina and choroid . . . . . 14.2	76	69	52	17	*
Operations on extraocular muscles . . . . . 15.0-15.9	84	82	70	11	*
Other operations on eye . . . . . 09.0-13.0,13.8-14.1,14.3-14.9,16.0-16.9	773	683	487	196	89
Operations on the ear . . . . . 18-20	899	841	707	133	58
Excision or destruction of lesion of external ear . . . . . 18.2	54	49	42	7	*
Myringotomy with insertion of tube . . . . . 20.01	547	524	432	92	23
Other operations on the ear . . . . . 18.0-18.1,18.3-19.9,20.09-20.99	297	267	233	34	30
Operations on the nose, mouth, and pharynx . . . . . 21-29	2,415	2,091	1,752	339	323
Incision, excision, and destruction of nose and lesion of nose . . . . . 21.1,21.3-21.4,21.6	256	238	194	44	18
Submucous resection of nasal septum . . . . . 21.5	66	59	51	*	*7
Repair and plastic operations on the nose . . . . . 21.8	298	276	214	61	22
Other operations on the nose . . . . . 21.0,21.2,21.7,21.9	131	90	74	16	41
Ethmoidectomy . . . . . 22.63	138	127	109	19	11
Other operations on nasal sinuses . . . . . 22.00-22.62,22.64-22.9	361	335	281	55	26
Surgical removal of tooth . . . . . 23.1	49	33	*	*	16
Other operations on teeth, gums, and alveoli . . . . . 23.0,23.2-24.9	245	216	194	*	29
Tonsillectomy without adenoidectomy . . . . . 28.2	144	131	112	19	13
Tonsillectomy with adenoidectomy . . . . . 28.3	274	252	212	40	23
Adenoidectomy without tonsillectomy . . . . . 28.6	136	132	109	24	*
Other operations on the nose, mouth, and pharynx . . . . . 25.0-28.1,28.4-28.5,28.7-29.9	318	202	173	29	116
Operations on the respiratory system . . . . . 30-34	1,468	429	403	26	1,038
Temporary tracheostomy . . . . . 31.1	64	*	*	*	63
Laryngoscopy and tracheoscopy . . . . . 31.41-31.42	132	88	77	*	44
Lung lobectomy and pneumonectomy . . . . . 32.3-32.5	43	*	*	-	43
Bronchoscopy with and without biopsy . . . . . 33.21-33.24,33.27	497	192	184	*	305
Other diagnostic procedures on the respiratory system . . . . . 31.43-31.49,33.25-33.26,33.28-33.29,34.2	166	61	58	*3	105
Incision of chest wall and pleura . . . . . 34.0	183	*	*	*	179
Thoracentesis . . . . . 34.91	173	*	*	*	158
Other operations on the respiratory system . . . . . 30.0-31.0,31.2-31.3,31.5-32.2,32.6-33.1,33.3-33.9,34.1,34.3-34.8,34.92-34.99	209	68	64	*4	141
Operations on the cardiovascular system . . . . . 35-39	6,341	898	880	*	5,444
Open heart surgery . . . . . 35.10-35.51,35.53-35.95,35.98-35.99,36.2,36.9,37.10-37.11,37.32-37.33,37.4-37.5	130	*	*	-	128
Removal of coronary artery obstruction and insertion of stent(s) . . . . . 36.0	721	*	*	-	666
Coronary artery bypass graft <sup>4</sup> . . . . . 36.1	598	-	-	-	598
Cardiac catheterization . . . . . 37.21-37.23	1,633	472	466	*	1,161

\* Figure does not meet standard of reliability or precision.

- Quantity zero.

See footnotes at end of table.

**Table 9. Number of ambulatory and inpatient procedures by procedure category and location: United States, 1996—Con.**[Procedure groupings and code numbers are based on the *International Classification of Diseases, 9th Revision, Clinical Modification (ICD-9-CM)*]

Procedure category and ICD-9-CM code	All procedures <sup>1</sup>	Ambulatory <sup>2</sup>			Hospital inpatient <sup>3</sup>
		Total	Hospital	Freestanding centers	
Number of procedures in thousands					
Insertion, replacement, removal and repair of pacemaker leads and devices . . . . . 37.7-37.8	372	31	30	*	341
Ligation and stripping of varicose veins . . . . . 38.5	53	46	41	*	*
Puncture of vessel . . . . . 38.9	819	65	64	*	754
Shunt and vascular bypass . . . . . 39.0-39.2	219	26	26	*	193
Extracorporeal circulation and procedures auxiliary to open heart surgery . . . . . 39.6	363	*	*	-	362
Hemodialysis . . . . . 39.95	424	*	*	-	413
Other operations on the cardiovascular system . . . . . 35.0,35.52, 35.96,36.3,37.0,37.12,37.24-37.31,37.34,37.6, 37.9-38.4,38.6-38.8,39.3-39.5,39.8-39.94,39.96-39.99	1,008	190	185	*5	819
Operations on the hemic and lymphatic system . . . . . 40-41	508	160	151	9	348
Diagnostic procedures on the hemic and lymphatic system . . . . . 40.1,41.3	219	67	64	*3	152
Simple excision of lymphatic structure . . . . . 40.2	126	77	71	6	49
Other operations on the hemic and lymphatic system . . . . . 40.0,40.3-41.2,41.4-41.9	163	17	17	*	147
Operations on the digestive system . . . . . 42-54	11,865	6,888	6,193	695	4,976
Esophagoscopy and gastroscopy . . . . . 42.21-42.24,44.11-44.14	235	128	100	*	106
Dilation of esophagus . . . . . 42.92	270	241	213	28	29
Local excision or destruction of lesion or tissue of stomach and intestine . . . . . 43.4,45.30-45.41,45.43-45.49	74	34	30	*	40
Esophagogastroduodenoscopy (EGD) with closed biopsy . . . . . 45.16	1,265	815	712	103	450
Other endoscopy of small intestine . . . . . 45.11-45.14	1,139	747	677	70	392
Colonoscopy . . . . . 45.23	1,395	1,152	1,018	133	243
Closed (endoscopic) biopsy of large intestine . . . . . 45.25	613	445	381	64	167
Other endoscopy of large intestine . . . . . 45.21-45.22,45.24	396	317	283	*	80
Endoscopic polypectomy of large intestine . . . . . 45.42	642	555	492	63	87
Partial excision of large intestine . . . . . 45.7	227	*	*	-	226
Intestinal anastomosis and repair . . . . . 45.9,46.4-46.9	180	*10	*9	*	171
Ileostomy, colostomy, and other enterostomy . . . . . 46.1 46.3	88	*	*	*	87
Appendectomy, excluding incidental . . . . . 47.0	281	*18	*18	*	263
Proctosigmoidoscopy . . . . . 48.21-48.24	130	87	84	4	43
Local excision or destruction of lesion or tissue of rectum and anus . . . . . 48.3,49.3	130	107	102	5	23
Hemorrhoidectomy . . . . . 49.43-49.46	121	101	94	7	20
Cholecystectomy . . . . . 51.2	770	322	315	7	448
Repair of inguinal hernia . . . . . 53.0-53.1	609	531	481	51	77
Other hernia repair . . . . . 53.2-53.9	379	226	212	14	152
Laparoscopy . . . . . 54.21	545	422	376	46	124
Incision and excision of abdominal wall and peritoneum . . . . . 54.0 54.1,54.3-54.4,54.91,54.95	314	65	59	5	249
Lysis of peritoneal adhesions . . . . . 54.5	474	136	123	12	338
Other diagnostic procedures on the digestive system . . . . . 42.25-42.29, 44.15-44.19,45.15,45.19,45.26-45.29, 48.25-48.29,49.2,50.1,51.1,52.1,54.22-54.29	428	188	182	6	241
Other operations on the digestive system . . . . . 42.0-42.1,42.31-42.91, 42.99-43.3,43.5-44.0,44.2-45.0,45.5-45.6,45.8,46.0, 47.1-48.1,48.4-49.1,49.41-49.42,49.47-50.0,50.2-51.0, 51.3-52.0,52.2-52.9,54.6,54.7,54.92-54.94,54.96-54.99	1,159	239	228	10	921
Operations on the urinary system . . . . . 55-59	2,448	1,432	1,316	115	1,016
Nephrotomy, pyelotomy, and complete nephrectomy . . . . . 55.0-55.1,55.5	70	*	*	-	66
Cystoscopy . . . . . 57.31-57.32	814	624	557	67	190
Closed (transurethral) biopsy of bladder . . . . . 57.33	97	79	73	6	18
Transurethral excision or destruction of bladder tissue . . . . . 57.4	214	153	145	8	60
Dilation of urethra . . . . . 58.6	135	107	97	10	29
Retropubic urethral suspension . . . . . 59.5	42	*	*	*	38
Ureteral catheterization . . . . . 59.8	218	117	112	5	101
Other diagnostic procedures on the urinary system . . . . . 55.2,56.3,57.34,57.39,58.2,59.2	126	68	65	2	58
Other operations on the urinary system . . . . . 55.3-55.4,55.6-56.2, 56.4-57.2,57.5-58.1,58.3-58.5,58.9-59.1,59.3-59.4,59.6-59.7,59.9	731	276	260	17	455

\* Figure does not meet standard of reliability or precision.

- Quantity zero.

See footnotes at end of table.



**Table 9. Number of ambulatory and inpatient procedures by procedure category and location: United States, 1996—Con.**[Procedure groupings and code numbers are based on the *International Classification of Diseases, 9th Revision, Clinical Modification (ICD-9-CM)*]

Procedure category and ICD-9-CM code	All procedures <sup>1</sup>	Ambulatory <sup>2</sup>			Hospital inpatient <sup>3</sup>
		Total	Hospital	Freestanding centers	
		Number of procedures in thousands			
Operations on the male genital organs . . . . . 60-64	839	537	460	77	302
Closed (percutaneous) (needle) biopsy of prostate . . . . . 60.11	77	63	49	*	14
Prostatectomy . . . . . 60.2-60.6	233	30	28	*	203
Orchiectomy and orchiopexy . . . . . 62.3-62.5	81	66	60	6	15
Vasectomy . . . . . 63.73	74	73	55	18	*
Other operations on the spermatic cord, epididymis, and vas deferens . . . . . 63.01-63.72,63.8-63.9	119	112	100	12	7
Circumcision . . . . . 64.0	142	115	102	12	27
Other operations on the male genital organs . . . . . 60.0,60.12-60.19,60.7-62.2,62.6-62.9,64.1-64.9	113	78	66	*	35
Operations on the female genital organs . . . . . 65-71	4,057	1,962	1,735	227	2,096
Local excision or destruction of ovarian lesion or tissue . . . . . 65.2	90	41	38	*4	48
Oophorectomy and salpingo-oophorectomy . . . . . 65.3-65.6	511	36	32	*3	475
Other operations on ovaries . . . . . 65.0-65.1,65.7-65.9	107	57	51	6	50
Bilateral destruction or occlusion of fallopian tubes . . . . . 66.2-66.3	663	320	283	37	342
Other operations on fallopian tubes . . . . . 66.0-66.1,66.4-66.9	161	78	71	6	83
Cervical biopsy . . . . . 67.11-67.12	23	19	17	*	*4
Conization of cervix . . . . . 67.2	50	46	43	*	*
Destruction of lesion of cervix by cauterization . . . . . 67.32	53	52	40	12	*
Other excision or destruction of lesion or tissue of cervix . . . . . 67.31,67.33-67.39	59	55	50	*5	*
Hysteroscopy . . . . . 68.12	237	229	198	31	8
Excision or destruction of lesion or tissue of uterus and supporting structures . . . . . 68.2,69.1	179	136	121	15	43
Abdominal hysterectomy and hysterectomy not otherwise specified . . . . . 68.3-68.4,68.6,68.9	417	*	*	*	407
Vaginal hysterectomy . . . . . 68.5,68.7	196	12	*10	*	184
Diagnostic dilation and curettage of uterus . . . . . 69.09	475	439	385	54	36
Other dilation and curettage of uterus . . . . . 69.01-69.02	138	91	84	7	47
Aspiration curettage of uterus for termination of pregnancy . . . . . 69.51	24	20	*16	*	*5
Other aspiration curettage of uterus . . . . . 69.52-69.59	108	87	79	8	21
Other operations on uterus, cervix, and supporting structures . . . . . 67.0,67.19,67.4-68.11,68.13-68.19,68.8,69.2-69.4,69.6-69.9	101	62	55	7	39
Repair of cystocele and rectocele . . . . . 70.5	162	*11	*	*	151
Diagnostic procedures on vulva, vagina, and cul-de-sac . . . . . 70.2,71.1	55	46	43	*	8
Incision and excision of vulva and perineum . . . . . 71.0,71.2-71.6	71	53	47	6	18
Other operations on the female genital organs . . . . . 70.0-70.1,70.3-70.4,70.6-70.9,71.7-71.9	179	61	52	8	118
Obstetrical procedures . . . . . 72-75	6,555	*	*	-	6,540
Episiotomy with or without forceps or vacuum extraction . . . . . 72.1,72.21,72.31,72.71,73.6	1,295	*	*	-	1,294
Artificial rupture of membranes . . . . . 73.0	729	-	-	-	729
Medical induction of labor . . . . . 73.4	389	-	-	-	389
Manually assisted delivery . . . . . 73.5	1,031	-	-	-	1,031
Cesarean section . . . . . 74.0-74.2,74.4,74.99	835	-	-	-	835
Fetal EKG (scalp) and fetal monitoring, not otherwise specified . . . . . 75.32,75.34	896	*	*	-	895
Other diagnostic procedures on fetus and amnion . . . . . 75.1,75.31,75.33,75.35	94	*	*	-	81
Repair of current obstetric laceration . . . . . 75.5 75.6	1,062	*	*	-	1,061
Other obstetric procedures . . . . . 72.0,72.29,72.39-72.6,72.79-72.9, 73.1-73.3,73.8-73.9,74.3,74.91,75.0,75.2,75.36-75.4,75.7-75.9	224	*	*	-	224
Operations on the musculoskeletal system . . . . . 76-84	7,361	4,226	3,603	623	3,134
Partial excision of bone . . . . . 76.2-76.3,77.6-77.8	505	274	228	46	231
Open reduction of fracture with internal fixation . . . . . 79.3	549	117	108	10	432
Other reduction of fracture . . . . . 76.7,79.0-79.2	336	119	113	6	217
Injection of therapeutic substance into joint or ligament . . . . . 76.96,81.92	70	56	49	7	14
Removal of implanted devices from bone . . . . . 76.97,78.6	234	173	153	19	61
Bunionectomy . . . . . 77.51-77.54,77.59	171	161	125	36	*9
Other repair of toe deformities . . . . . 77.56-77.58	133	120	92	28	13
Arthroscopy of knee . . . . . 80.26	657	629	531	99	28
Other arthroscopy . . . . . 80.20-80.25,80.27-80.29	165	152	122	30	13

\* Figure does not meet standard of reliability or precision.

- Quantity zero.

See footnotes at end of table.

**Table 9. Number of ambulatory and inpatient procedures by procedure category and location: United States, 1996—Con.**[Procedure groupings and code numbers are based on the *International Classification of Diseases, 9th Revision, Clinical Modification (ICD-9-CM)*]

Procedure category and ICD-9-CM code	All procedures <sup>1</sup>	Ambulatory <sup>2</sup>			Hospital inpatient <sup>3</sup>	
		Total	Hospital	Freestanding centers		
Number of procedures in thousands						
Division of joint capsule, ligament, or cartilage . . . . .	80.4	127	110	89	21	16
Excision or destruction of intervertebral disc . . . . .	80.5	324	37	36	*	288
Excision of semilunar cartilage of knee . . . . .	80.6	479	455	397	58	24
Synovectomy . . . . .	80.7	153	138	119	19	14
Other incision and excision of joint structure . . . . .	80.0-80.1,80.3,80.8-80.9	454	373	324	49	81
Spinal fusion . . . . .	81.0	192	*	*	-	187
Total hip replacement . . . . .	81.51	139	*	*	-	138
Total knee replacement . . . . .	81.54	247	*	*	-	245
Other repair of knee . . . . .	81.42-81.47,81.55	346	264	226	38	82
Other repair of joints . . . . .	81.1-81.2,81.40,81.49, 81.52-81.53,81.56-81.91,81.93-81.97	479	181	154	28	298
Excision of lesion of muscle, tendon, fascia and bursa . . . . .	82.2,83.3	187	171	147	24	16
Other operations on muscles, tendon, fascia and bursa . . . . .	82.0-82.1,82.3-83.2,83.4-83.9	729	493	414	79	235
Amputation of lower limb . . . . .	84.1	159	17	16	*	141
Other operations on the musculoskeletal system . . . . .	76.0-76.1, 76.4-76.6,76.91-76.95,76.99-77.49,77.9-78.5, 78.7-78.9,79.4-79.9,81.98-81.99,84.0,84.2-84.9	528	177	153	24	351
Operations on the integumentary system . . . . .	85-86	3,679	2,389	1,972	417	1,290
Closed (percutaneous) (needle) biopsy of breast . . . . .	85.11	208	200	168	33	*7
Open biopsy of breast . . . . .	85.12	115	106	94	13	9
Local excision of lesion of breast (lumpectomy) . . . . .	85.21	366	341	313	28	25
Mastectomy . . . . .	85.4	113	24	23	*	89
Other operations on the breast . . . . .	85.0,85.19-85.20,85.22-85.36,85.5-85.9	369	289	209	80	80
Insertion of totally implantable vascular access device (VAD) . . . . .	86.07	223	101	98	*	122
Other incision of skin and subcutaneous tissue . . . . .	86.01-86.06,86.09	295	117	105	11	179
Debridement of wound, infection, or burn . . . . .	86.22,86.28	411	70	64	6	340
Other excision or destruction of lesion or tissue of skin and subcutaneous tissue . . . . .	86.21,86.23-86.27,86.3-86.4	932	807	668	138	125
Suture of skin and subcutaneous tissue . . . . .	86.5	199	40	34	5	160
Skin graft . . . . .	86.6-86.7	191	98	83	15	93
Other operations on skin and subcutaneous tissue . . . . .	86.1,86.8-86.9	258	195	113	83	62
Miscellaneous diagnostic and therapeutic procedures . . . . .	87-99	15,663	3,058	2,837	221	12,604
Computerized axial tomography (CAT scan) . . . . .	87.03,87.41,87.71,88.01,88.38	1,063	68	68	*	995
Contrast myelogram . . . . .	87.21	120	84	83	*	35
Mammography . . . . .	87.35-87.37	39	35	34	*	*4
Pyelogram . . . . .	87.73-87.75	352	198	191	*	154
Cystogram . . . . .	87.76-87.77	30	17	14	*	13
Arteriography using contrast material . . . . .	88.4	571	186	186	*	385
Coronary arteriography . . . . .	88.55-88.57	1,199	323	317	*	875
Other angiocardiology using contrast material . . . . .	88.50-88.54,88.58	986	282	276	*	704
Diagnostic ultrasound . . . . .	88.7	1,274	97	84	*	1,177
Cystometrogram . . . . .	89.22	60	47	36	*	14
Other nonoperative genitourinary system measurements . . . . .	89.21,89.23-89.29	112	95	73	*	17
Circulatory monitoring . . . . .	89.6	349	*	*	-	337
Radioisotope scan . . . . .	92.0-92.1	304	*	*	*	298
Traction and other immobilization, pressure, and attention to wound . . . . .	93.4-93.5	167	51	47	*4	116
Respiratory therapy . . . . .	93.9,96.7	1,098	*	*	*	1,085
Nonoperative intubation and irrigation . . . . .	96.0-96.6	831	116	111	6	714
Replacement and removal of therapeutic appliances . . . . .	97.0-97.8	214	140	130	9	74
Injection or infusion of cancer chemotherapeutic substance . . . . .	99.25	335	*	*	*	290
Other injection or infusion of therapeutic or prophylactic substance . . . . .	99.11-99.24,99.26-99.29	1,460	419	348	71	1,041
Other diagnostic and therapeutic procedures . . . . .	87.01-87.02, 87.04-87.17,87.22-87.34,87.38-87.39,87.42-87.69,87.72, 87.78-87.99,88.02-88.37,88.39,88.6,88.8-89.1,89.3-89.5, 89.7-91.9,92.2-93.3,93.6-93.8,94.0-95.4,98.0-99.0,99.3-99.9	5,100	826	765	61	4,274

\* Figure does not meet standard of reliability or precision.

- Quantity zero.

<sup>1</sup>Procedures estimated from the National Survey of Ambulatory Surgery and the National Hospital Discharge Survey. Not all procedures are covered by these surveys. See "Methods" section.<sup>2</sup>Data from the National Survey of Ambulatory Surgery. Excludes ambulatory surgery patients who became inpatients.<sup>3</sup>Data from the National Hospital Discharge Survey. Excludes newborn infants.<sup>4</sup>The number of inpatient discharges with a coronary artery bypass graft was 367,000.

**Table 10. Standard errors for number of ambulatory and inpatient procedures by procedure category and location: United States, 1996**[Procedure groupings and code numbers are based on the *International Classification of Diseases, 9th Division, Clinical Modification (ICD-9-CM)*]

Procedure category and ICD-9-CM code	All procedures	Ambulatory			Hospital inpatient
		Total	Hospital	Freestanding centers	
		Standard error in thousands			
All procedures . . . . .	2,105	1,323	1,220	439	1,638
Operations on the nervous system . . . . . 01-05	111	94	83	30	59
Incision and excision of the skull, brain, and cerebral meninges . . . . . 01.0,01.2-01.6	9	*	*	-	8
Laminectomy . . . . . 03.0	11	*	*	*	10
Spinal tap . . . . . 03.31	28	4	*	*	27
Injection into spinal canal . . . . . 03.91-03.92	68	67	56	22	11
Release of carpal tunnel . . . . . 04.43	24	24	23	8	2
Other operations on cranial and peripheral nerves . . . . . 04.01-04.42,04.44-04.99	18	17	16	4	6
Other operations on the nervous system . . . . . 01.1,02,03.1-03.2,03.32-03.90,03.93-03.99,05.0-05.9	24	11	10	2	22
Operations on the endocrine system . . . . . 06-07	11	5	5	*	10
Thyroidectomy . . . . . 06.2-06.6	6	*4	*4	*	5
Other operations on the endocrine system . . . . . 06.0-06.1,06.7-07.9	8	4	4	*	7
Operations on the eye . . . . . 08-16	374	373	262	284	25
Excision or destruction of lesion or tissue of eyelid . . . . . 08.2	8	8	7	2	*
Other operations on the eyelids . . . . . 08.0-08.1,08.3-08.9	23	22	19	11	5
Extraction of lens . . . . . 13.1-13.6	193	193	123	157	8
Insertion of prosthetic lens (pseudophakos) . . . . . 13.7	124	124	89	94	*
Destruction of lesion of retina and choroid . . . . . 14.2	10	10	9	4	*
Operations on extraocular muscles . . . . . 15.0-15.9	13	13	12	3	*
Other operations on eye . . . . . 09.0-13.0,13.8-14.1,14.3-14.9,16.0-16.9	77	75	62	44	15
Operations on the ear . . . . . 18-20	51	51	45	19	9
Excision or destruction of lesion of external ear . . . . . 18.2	5	4	4	1	*
Myringotomy with insertion of tube . . . . . 20.01	35	34	30	14	4
Other operations on the ear . . . . . 18.0-18.1,18.3-19.9,20.09-20.99	24	23	22	5	5
Operations on the nose, mouth, and pharynx . . . . . 21-29	129	127	114	44	23
Incision, excision, and destruction of nose and lesion of nose . . . . . 21.1,21.3-21.4,21.6	19	19	17	8	3
Submucous resection of nasal septum . . . . . 21.5	9	9	8	*	*2
Repair and plastic operations on the nose . . . . . 21.8	20	20	16	9	3
Other operations on the nose . . . . . 21.0,21.2,21.7,21.9	10	9	8	3	4
Ethmoidectomy . . . . . 22.63	13	13	12	3	2
Other operations on nasal sinuses . . . . . 22.00-22.62,22.64-22.9	35	35	33	9	3
Surgical removal of tooth . . . . . 23.1	10	9	*	*	3
Other operations on teeth, gums, and alveoli . . . . . 23.0,23.2-24.9	30	30	28	*	4
Tonsillectomy without adenoidectomy . . . . . 28.2	13	12	12	3	3
Tonsillectomy with adenoidectomy . . . . . 28.3	22	21	19	8	5
Adenoidectomy without tonsillectomy . . . . . 28.6	13	13	11	6	*
Other operations on the nose, mouth, and pharynx . . . . . 25.0-28.1,28.4-28.5,28.7-29.9	22	19	18	4	10
Operations on the respiratory system . . . . . 30-34	61	37	36	7	48
Temporary tracheostomy . . . . . 31.1	5	*	*	*	5
Laryngoscopy and tracheoscopy . . . . . 31.41-31.42	10	9	8	*	5
Lung lobectomy and pneumonectomy . . . . . 32.3-32.5	4	*	*	-	4
Bronchoscopy with and without biopsy . . . . . 33.21-33.24,33.27	27	21	21	*	16
Other diagnostic procedures on the respiratory system . . . . . 31.43-31.49,33.25-33.26,33.28-33.29,34.2	11	7	7	*1	8
Incision of chest wall and pleura . . . . . 34.0	13	*	*	*	13
Thoracentesis . . . . . 34.91	10	*	*	*	9
Other operations on the respiratory system . . . . . 30.0-31.0,31.2-31.3,31.5-32.2,32.6-33.1,33.3-33.9,34.1,34.3-34.8,34.92-34.99	13	9	9	*1	10
Operations on the cardiovascular system . . . . . 35-39	314	111	108	*	294
Open heart surgery . . . . . 35.10-35.51,35.53-35.95,35.98-35.99,36.2,36.9,37.10-37.11,37.32-37.33,37.4-37.5	12	*	*	-	12
Removal of coronary artery obstruction and insertion of stent(s) . . . . . 36.0	61	*	*	-	57
Coronary artery bypass graft . . . . . 36.1	51	-	-	-	51

\* Figure does not meet standard of reliability or precision.

- Quantity zero.



**Table 10. Standard errors for number of ambulatory and inpatient procedures by procedure category and location: United States, 1996—Con.**[Procedure groupings and code numbers are based on the *International Classification of Diseases, 9th Division, Clinical Modification (ICD-9-CM)*]

Procedure category and ICD-9-CM code	All procedures	Ambulatory			Hospital inpatient
		Total	Hospital	Freestanding centers	
		Standard error in thousands			
Operations on the male genital organs . . . . . 60-64	43	39	36	13	18
Closed (percutaneous) (needle) biopsy of prostate . . . . . 60.11	11	11	10	*	3
Prostatectomy . . . . . 60.2-60.6	15	5	5	*	14
Orchiectomy and orchiopexy . . . . . 62.3-62.5	6	6	6	2	2
Vasectomy . . . . . 63.73	16	16	16	4	*
Other operations on the spermatic cord, epididymis, and vas deferens . . . . . 63.01-63.72,63.8-63.9	10	10	9	3	1
Circumcision . . . . . 64.0	11	11	10	3	4
Other operations on the male genital organs . . . . . 60.0,60.12-60.19,60.7-62.2,62.6-62.9,64.1-64.9	10	9	8	*	4
Operations on the female genital organs . . . . . 65-71	138	108	100	33	86
Local excision or destruction of ovarian lesion or tissue . . . . . 65.2	7	5	5	*1	4
Oophorectomy and salpingo-oophorectomy . . . . . 65.3-65.6	22	5	5	*1	22
Other operations on ovaries . . . . . 65.0-65.1,65.7-65.9	9	7	7	2	6
Bilateral destruction or occlusion of fallopian tubes . . . . . 66.2-66.3	33	26	25	6	21
Other operations on fallopian tubes . . . . . 66.0-66.1,66.4-66.9	11	9	8	2	6
Cervical biopsy . . . . . 67.11-67.12	4	3	3	*	*1
Conization of cervix . . . . . 67.2	6	6	6	*	*
Destruction of lesion of cervix by cauterization . . . . . 67.32	7	7	6	3	*
Other excision or destruction of lesion or tissue of cervix . . . . . 67.31,67.33-67.39	7	7	6	*1	*
Hysteroscopy . . . . . 68.12	22	22	20	5	2
Excision or destruction of lesion or tissue of uterus and supporting structures . . . . . 68.2,69.1	14	13	13	3	4
Abdominal hysterectomy and hysterectomy not otherwise specified . . . . . 68.3-68.4,68.6,68.9	21	*	*	*	21
Vaginal hysterectomy . . . . . 68.5,68.7	13	2	*2	*	12
Diagnostic dilation and curettage of uterus . . . . . 69.09	27	27	26	8	4
Other dilation and curettage of uterus . . . . . 69.01-69.02	11	10	10	2	5
Aspiration curettage of uterus for termination of pregnancy . . . . . 69.51	5	4	*4	*	*1
Other aspiration curettage of uterus . . . . . 69.52-69.59	9	9	9	1	3
Other operations on uterus, cervix, and supporting structures . . . . . 67.0,67.19,67.4-68.11,68.13-68.19,68.8,69.2-69.4,69.6-69.9	8	7	6	2	4
Repair of cystocele and rectocele . . . . . 70.5	9	*3	*	*	9
Diagnostic procedures on vulva, vagina, and cul-de-sac . . . . . 70.2,71.1	8	7	7	*	2
Incision and excision of vulva and perineum . . . . . 71.0,71.2-71.6	6	6	6	1	2
Other operations on the female genital organs . . . . . 70.0-70.1,70.3-70.4,70.6-70.9,71.7-71.9	12	8	8	2	9
Obstetrical procedures . . . . . 72-75	309	*	*	-	309
Episiotomy with or without forceps or vacuum extraction . . . . . 72.1,72.21,72.31,72.71,73.6	60	*	*	-	60
Artificial rupture of membranes . . . . . 73.0	54	-	-	-	54
Medical induction of labor . . . . . 73.4	30	-	-	-	30
Manually assisted delivery . . . . . 73.5	74	-	-	-	74
Cesarean section . . . . . 74.0-74.2,74.4,74.99	45	-	-	-	45
Fetal EKG (scalp) and fetal monitoring, not otherwise specified . . . . . 75.32,75.34	94	*	*	-	94
Other diagnostic procedures on fetus and amnion . . . . . 75.1,75.31,75.33,75.35	15	*	*	-	14
Repair of current obstetric laceration . . . . . 75.5-75.6	56	*	*	-	56
Other obstetrical procedures . . . . . 72.0,72.29,72.39-72.6,72.79-72.9,73.1-73.3,73.8-73.9,74.3,74.91,75.0,75.2,75.36-75.4,75.7-75.9	18	*	*	-	18
Operations on the musculoskeletal system . . . . . 76-84	295	255	233	82	148
Partial excision of bone . . . . . 76.2-76.3,77.6-77.8	27	22	21	6	16
Open reduction of fracture with internal fixation . . . . . 79.3	27	12	11	2	24
Other reduction of fracture . . . . . 76.7,79.0-79.2	16	9	9	1	13
Injection of therapeutic substance into joint or ligament . . . . . 76.96,81.92	12	11	11	2	2
Removal of implanted devices from bone . . . . . 76.97,78.6	15	14	13	3	6
Bunionectomy . . . . . 77.51-77.54,77.59	17	17	15	7	*2
Other repair of toe deformities . . . . . 77.56-77.58	13	12	12	5	3
Arthroscopy of knee . . . . . 80.26	48	48	46	15	4
Other arthroscopy . . . . . 80.20-80.25,80.27-80.29	16	16	14	6	3

\* Figure does not meet standard of reliability or precision.

- Quantity zero.

**Table 10. Standard errors for number of ambulatory and inpatient procedures by procedure category and location: United States, 1996—Con.**

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

Procedure category and ICD-9-CM code	All procedures	Ambulatory			Hospital inpatient
		Total	Hospital	Freestanding centers	
Standard error in thousands					
Division of joint capsule, ligament, or cartilage . . . . . 80.4	12	12	11	5	3
Excision or destruction of intervertebral disc . . . . . 80.5	21	8	8	*	19
Excision of semilunar cartilage of knee . . . . . 80.6	36	36	34	9	4
Synovectomy . . . . . 80.7	17	17	16	4	3
Other incision and excision of joint structure . . . . . 80.0-80.1,80.3,80.8-80.9	30	29	27	8	6
Spinal fusion . . . . . 81.0	15	*	*	-	15
Total hip replacement . . . . . 81.51	11	*	*	-	11
Total knee replacement . . . . . 81.54	19	*	*	-	19
Other repair of knee . . . . . 81.42-81.47,81.55	23	22	20	7	9
Other repair of joints . . . . . 81.1-81.2,81.40,81.49,81.52-81.53, 81.56-81.91,81.93-81.97	24	15	13	5	20
Excision of lesion of muscle, tendon, fascia and bursa . . . . . 82.2,83.3	13	13	12	3	2
Other operations on muscle, tendon, fascia, and bursa . . . . . 82.0-82.1,82.3-83.2,83.4-83.9	37	34	32	11	15
Amputation of lower limb . . . . . 84.1	10	3	3	*	9
Other operations on the musculoskeletal system . . . . . 76.0-76.1, 76.4-76.6,76.91-76.95,76.99-77.49,77.9-78.5,78.7-78.9,79.4-79.9, 81.98-81.99,84.0,84.2-84.9	26	14	13	3	22
Operations on the integumentary system . . . . . 85-86	124	114	101	52	48
Closed (percutaneous) (needle) biopsy of breast . . . . . 85.11	18	18	17	5	*2
Open biopsy of breast . . . . . 85.12	10	10	10	3	2
Local excision of lesion of breast (lumpectomy) . . . . . 85.21	31	31	31	5	3
Mastectomy . . . . . 85.4	7	3	3	*	6
Other operations on the breast . . . . . 85.0,85.19-85.20,85.22-85.36,85.5-85.9	29	28	24	16	6
Insertion of totally implantable vascular access device (VAD) . . . . . 86.07	14	10	10	*	9
Other incision of skin and subcutaneous tissue . . . . . 86.01-86.06,86.09	14	10	9	2	10
Debridement of wound, infection, or burn . . . . . 86.22,86.28	18	7	7	1	17
Other excision or destruction of lesion or tissue of skin and subcutaneous tissue . . . . . 86.21,86.23-86.27,86.3-86.4	47	46	42	15	8
Suture of skin and subcutaneous tissue . . . . . 86.5	12	5	5	1	11
Skin graft . . . . . 86.6-86.7	14	9	9	3	10
Other operations on skin and subcutaneous tissue . . . . . 86.1,86.8-86.9	26	25	14	21	6
Miscellaneous diagnostic and therapeutic procedures . . . . . 87-99	881	240	229	41	848
Computerized axial tomography (CAT scan) . . . . . 87.03,87.41,87.71,88.01,88.38	91	18	18	*	89
Contrast myelogram . . . . . 87.21	21	20	20	*	6
Mammography . . . . . 87.35-87.37	9	9	9	*	*1
Pyelogram . . . . . 87.73-87.75	23	20	20	*	11
Cystogram . . . . . 87.76-87.77	5	5	4	*	2
Arteriography using contrast material . . . . . 88.4	41	32	32	*	25
Coronary arteriography . . . . . 88.55-88.57	80	48	47	*	63
Other angiocardiology using contrast material . . . . . 88.50-88.54,88.58	64	40	38	*	49
Diagnostic ultrasound . . . . . 88.7	115	19	19	*	113
Cystometrogram . . . . . 89.22	11	11	10	*	2
Other nonoperative genitourinary system measurements . . . . . 89.21,89.23-89.29	23	23	18	*	3
Circulatory monitoring . . . . . 89.6	50	*	*	-	50
Radioisotope scan . . . . . 92.0-92.1	28	*	*	*	28
Traction and other immobilization, pressure, and attention to wound . . . . . 93.4-93.5	19	11	10	*1	15
Respiratory therapy . . . . . 93.9,96.7	105	*	*	*	105
Nonoperative intubation and irrigation . . . . . 96.0-96.6	48	14	14	1	46
Replacement and removal of therapeutic appliances . . . . . 97.0-97.8	13	12	11	2	6
Injection or infusion of cancer chemotherapeutic substance . . . . . 99.25	28	*	*	*	23
Other injection or infusion of therapeutic or prophylactic substance . . . . . 99.11-99.24,99.26-99.29	188	53	46	18	180
Other diagnostic and therapeutic procedures . . . . . 87.01-87.02, 87.04-87.17,87.22-87.34,87.38-87.39,87.42-87.69,87.72, 87.78-87.99,88.02-88.37,88.39,88.6,88.8-89.1,89.3-89.5,89.7-91.9, 92.2-93.3,93.6-93.8,94.0-95.4,98.0-99.0,99.3-99.9	341	80	78	7	331

\* Figure does not meet standard of reliability or precision.  
- Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD–9–CM code, sex, age, and region: United States, 1996**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD–9–CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD–9–CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15–44 years	45–64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
All codes . . . . .	71,904	29,880	42,024	4,331	24,164	18,126	25,282	16,440	16,727	23,467	15,270
Ambulatory . . . . .	31,507	13,883	17,624	2,381	9,561	8,825	10,740	6,569	7,956	10,494	6,487
Inpatient . . . . .	40,397	15,997	24,400	1,950	14,603	9,302	14,542	9,870	8,771	12,973	8,783
01–05 . . . . .	2,177	927	1,250	210	782	659	527	504	491	701	481
Ambulatory . . . . .	1,240	496	744	*11	465	462	302	283	274	412	272
Inpatient . . . . .	937	431	506	199	317	196	225	222	217	290	208
01 . . . . .	123	70	54	16	32	36	38	29	26	42	27
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	120	67	53	16	32	35	37	27	25	42	27
01.0 . . . . .	*9	*7	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	–	–	–	*	–	–	*	–	–
Inpatient . . . . .	*9	*6	*	*	*	*	*	*	*	*	*
01.02 . . . . .	*6	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	–	–	–	*	–	–	*	–	–
Inpatient . . . . .	*6	*	*	*	*	*	*	*	*	*	*
01.1 . . . . .	19	13	*6	*	*8	*6	*	*	*	*6	*
Ambulatory . . . . .	*	–	*	–	–	*	–	–	–	*	–
Inpatient . . . . .	19	13	*6	*	*8	*6	*	*	*	*6	*
01.18 . . . . .	10	*7	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	–	–	–	–	–	–	–	–	–	–	–
Inpatient . . . . .	10	*7	*	*	*	*	*	*	*	*	*
01.2 . . . . .	24	14	10	*	*6	*6	*9	*7	*	*6	*6
Ambulatory . . . . .	*	*	*	*	–	*	*	*	*	–	–
Inpatient . . . . .	22	12	*10	*	*6	*5	*8	*5	*	*6	*6
01.24 . . . . .	15	*9	*6	*	*	*	*5	*	*	*	*
Ambulatory . . . . .	*	–	*	*	–	*	–	*	*	–	–
Inpatient . . . . .	15	*9	*6	*	*	*	*5	*	*	*	*
01.3 . . . . .	32	17	15	*	*7	*8	14	*	*6	15	*6
Ambulatory . . . . .	–	–	–	–	–	–	–	–	–	–	–
Inpatient . . . . .	32	17	15	*	*7	*8	14	*	*6	15	*6
01.31 . . . . .	19	10	*9	*	*	*	11	*	*	*8	*
Ambulatory . . . . .	–	–	–	–	–	–	–	–	–	–	–
Inpatient . . . . .	19	10	*9	*	*	*	11	*	*	*8	*
01.39 . . . . .	12	*6	*6	*	*	*5	*	*	*	*6	*
Ambulatory . . . . .	–	–	–	–	–	–	–	–	–	–	–
Inpatient . . . . .	12	*6	*6	*	*	*5	*	*	*	*6	*
01.5 . . . . .	36	18	18	*	*10	13	*9	*9	*9	*10	*8
Ambulatory . . . . .	–	–	–	–	–	–	–	–	–	–	–
Inpatient . . . . .	36	18	18	*	*10	13	*9	*9	*9	*10	*8
01.51 . . . . .	*5	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	–	–	–	–	–	–	–	–	–	–	–
Inpatient . . . . .	*5	*	*	*	*	*	*	*	*	*	*
01.59 . . . . .	28	15	13	*	*8	11	*6	*7	*8	*8	*6
Ambulatory . . . . .	–	–	–	–	–	–	–	–	–	–	–
Inpatient . . . . .	28	15	13	*	*8	11	*6	*7	*8	*8	*6
02 . . . . .	104	54	50	31	36	18	20	27	26	29	22
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	101	53	48	29	35	18	20	27	26	28	21
02.0 . . . . .	15	*9	*6	*5	*6	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	–	–	–	–	–	–	*
Inpatient . . . . .	13	*9	*	*	*6	*	*	*	*	*	*
02.06 . . . . .	*5	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	–	*	–	–	–	–	–	–	*
Inpatient . . . . .	*5	*	*	*	*	*	*	*	*	*	*
02.1 . . . . .	*7	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	–	*	–	*	–	–	*	–	–	*
Inpatient . . . . .	*7	*	*	*	*	*	*	*	*	*	*
02.12 . . . . .	*6	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	–	*	–	*	–	–	*	–	–	–
Inpatient . . . . .	*6	*	*	*	*	*	*	*	*	*	*

\* Figure does not meet standard of reliability or precision.  
– Quantity zero.



**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
02.2	20	*9	11	*	*7	*5	*6	*6	*	*7	*
Ambulatory	-	-	-	-	-	-	-	-	-	-	-
Inpatient	20	*9	11	*	*7	*5	*6	*6	*	*7	*
02.3	21	11	10	*6	*6	*	*6	*	*	*5	*7
Ambulatory	-	-	-	-	-	-	-	-	-	-	-
Inpatient	21	11	10	*6	*6	*	*6	*	*	*5	*7
02.34	17	*9	*8	*	*	*	*	*	*	*	*6
Ambulatory	-	-	-	-	-	-	-	-	-	-	-
Inpatient	17	*9	*8	*	*	*	*	*	*	*	*6
02.4	26	15	11	15	*	*	*	*7	*10	*6	*
Ambulatory	*	*	*	*	*	*	-	*	*	*	*
Inpatient	26	15	11	15	*	*	*	*7	*10	*6	*
02.42	22	13	*9	13	*	*	*	*6	*7	*	*
Ambulatory	*	*	*	*	*	-	-	*	*	*	*
Inpatient	22	13	*9	13	*	*	*	*6	*7	*	*
02.9	15	*7	*8	*	*9	*	*	*	*	*	*
Ambulatory	*	*	*	-	*	-	*	-	*	*	-
Inpatient	14	*7	*7	*	*9	*	*	*	*	*	*
02.94	10	*	*6	*	*7	*	*	*	*	*	*
Ambulatory	*	*	*	-	*	-	*	-	*	*	-
Inpatient	*9	*	*	*	*6	*	*	*	*	*	*
03	1,251	534	718	153	420	346	333	297	263	430	262
Ambulatory	598	253	345	*	195	219	180	144	110	230	114
Inpatient	653	281	373	150	224	126	152	153	153	199	148
03.0	125	65	60	*	23	48	53	26	30	40	29
Ambulatory	*14	*	*	*	*	*	*	*	*	*	*
Inpatient	111	59	52	*	19	42	49	26	27	37	22
03.09	122	63	58	*	21	47	52	26	29	39	28
Ambulatory	*14	*	*	*	*	*	*	*	*	*	*
Inpatient	108	57	51	*	17	42	48	25	26	35	21
03.3	328	165	163	139	91	42	55	74	78	96	80
Ambulatory	*15	*	*	*	*	*	*	*	*	*	*
Inpatient	313	158	155	137	82	40	54	66	74	93	79
03.31	325	164	161	139	89	42	54	73	78	94	80
Ambulatory	*15	*	*	*	*	*	*	*	*	*	*
Inpatient	310	157	153	137	80	39	54	65	74	92	79
03.4	*10	*	*	*	*	*	*	*	*	*	*
Ambulatory	*	-	*	*	-	-	-	-	-	*	-
Inpatient	*10	*	*	*	*	*	*	*	*	*	*
03.5	18	10	*8	*	*6	*6	*	*	*	*7	*
Ambulatory	*	*	-	-	-	*	-	-	-	*	-
Inpatient	18	10	*8	*	*6	*6	*	*	*	*7	*
03.59	12	*6	*6	*	*	*	*	*	*	*5	*
Ambulatory	*	*	-	-	-	*	-	-	-	*	-
Inpatient	12	*6	*6	*	*	*	*	*	*	*5	*
03.6	*10	*	*5	*	*	*	*	*	*	*6	*
Ambulatory	*	*	*	-	*	*	*	*	*	*	*
Inpatient	*8	*	*	*	*	*	*	*	*	*5	*
03.8	*8	*	*	*	*	*	*	*	*	*	*
Ambulatory	*	*	*	*	*	*	*	-	*	*	*
Inpatient	*5	*	*	*	*	*	*	*	*	*	*
03.9	746	278	468	*	289	239	214	184	146	271	145
Ambulatory	561	236	325	*	179	208	174	135	103	219	104
Inpatient	185	42	143	*	110	31	40	49	43	52	41
03.90	90	23	67	*	51	18	19	27	25	28	*9
Ambulatory	*	*	*	-	*	*	*	*	*	*	*
Inpatient	85	21	64	*	50	16	19	26	24	26	*9
03.91	197	64	132	*	85	62	49	53	46	52	46
Ambulatory	145	59	86	-	46	55	44	41	38	43	24
Inpatient	51	*5	46	*	39	*7	*5	12	*9	*9	22

\* Figure does not meet standard of reliability or precision.  
 - Quantity zero.



**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
03.92 . . . . .	418	176	242	*	128	150	139	97	67	171	83
Ambulatory . . . . .	389	165	224	*	120	144	125	90	61	163	76
Inpatient . . . . .	29	11	18	*	*8	*6	13	*7	*6	*8	*8
03.93 . . . . .	12	*6	*5	—	*6	*	*	*	*	*5	*
Ambulatory . . . . .	*	*	*	—	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	—	*	*	*	*	*	*	*
03.95 . . . . .	21	*	17	—	17	*	*	*	*	*10	*
Ambulatory . . . . .	*	*	*	—	*	*	*	*	*	*	*
Inpatient . . . . .	11	*	*10	—	10	*	*	*	*	*6	*
04 . . . . .	643	251	392	*10	262	245	127	142	166	181	154
Ambulatory . . . . .	592	225	367	*	242	229	115	128	154	164	145
Inpatient . . . . .	51	26	25	*	20	16	12	14	12	16	*9
04.0 . . . . .	75	25	50	*	30	31	11	15	19	22	17
Ambulatory . . . . .	65	20	45	*	29	28	*	*14	*16	*20	*16
Inpatient . . . . .	*9	*	*	*	*	*	*	*	*	*	*
04.04 . . . . .	*6	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	—	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	—
04.07 . . . . .	63	20	43	*	26	28	*8	12	16	20	15
Ambulatory . . . . .	58	*17	41	*	26	25	*	*11	*13	*18	*15
Inpatient . . . . .	*5	*	*	*	*	*	*	*	*	*	*
04.1 . . . . .	*7	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	—	*	*	*
04.2 . . . . .	*7	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	—	*	*	*	*	—	*	*
04.3 . . . . .	14	*10	*	*	11	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*5	*	*	*	*	*	*	*	*	*	*
04.4 . . . . .	431	151	280	*	165	173	91	97	111	113	111
Ambulatory . . . . .	414	145	269	*	158	166	88	90	108	107	108
Inpatient . . . . .	18	*6	11	*	*7	*7	*	*6	*	*6	*
04.43 . . . . .	366	123	243	*	135	144	85	81	97	95	92
Ambulatory . . . . .	358	120	238	*	132	142	84	79	97	92	91
Inpatient . . . . .	*8	*	*	*	*	*	*	*	*	*	*
04.44 . . . . .	14	*6	*7	*	*6	*8	*	*	*	*	*
Ambulatory . . . . .	*13	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	—	*	*	*	*	*	—	—
04.49 . . . . .	49	21	28	*	23	20	*	13	*9	13	15
Ambulatory . . . . .	42	*18	23	*	20	*17	*	*	*	*12	*13
Inpatient . . . . .	*7	*	*	*	*	*	*	*	*	*	*
04.6 . . . . .	20	11	*9	*	*9	*8	*	*	*6	*	*7
Ambulatory . . . . .	*19	*10	*	—	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
04.7 . . . . .	21	15	*7	*	12	*	*	*	*	*6	*
Ambulatory . . . . .	*19	*13	*	*	*11	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	—	*	*	*	*
04.79 . . . . .	19	13	*6	*	11	*	*	*	*	*	*
Ambulatory . . . . .	*18	*12	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	—	*	*	*	—
04.8 . . . . .	65	28	37	*	29	21	14	14	19	25	*7
Ambulatory . . . . .	54	23	31	*	25	*17	*11	*12	*16	21	*
Inpatient . . . . .	11	*5	*6	—	*	*	*	*	*	*	*
04.81 . . . . .	58	25	33	*	25	20	13	11	17	24	*6
Ambulatory . . . . .	48	*20	28	*	22	*16	*	*	*14	*20	*
Inpatient . . . . .	11	*5	*5	—	*	*	*	*	*	*	*
05 . . . . .	55	19	36	*	32	14	*8	10	*10	20	14
Ambulatory . . . . .	44	*15	29	*	26	*12	*	*	*	*16	*12
Inpatient . . . . .	11	*	*7	—	*6	*	*	*	*	*	*

\* Figure does not meet standard of reliability or precision.  
— Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
05.2 . . . . .	*8	*	*	-	*6	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	-	*	*	*	*	*	*	*
Inpatient . . . . .	*5	*	*	-	*	*	*	*	*	*	*
05.3 . . . . .	45	14	30	*	25	13	*7	*8	*7	17	13
Ambulatory . . . . .	38	*12	25	*	21	*12	*	*	*	*14	*11
Inpatient . . . . .	*7	*	*5	-	*	*	*	*	*	*	*
05.31 . . . . .	43	14	29	*	24	13	*6	*7	*6	17	12
Ambulatory . . . . .	37	*12	25	*	21	*11	*	*	*	*14	*11
Inpatient . . . . .	*6	*	*	-	*	*	*	*	*	*	*
06-07 . . . . .	135	37	98	*5	46	52	32	36	29	42	28
Ambulatory . . . . .	34	*	27	*	*13	*16	*	*	*12	*11	*
Inpatient . . . . .	101	29	71	*	33	37	28	31	17	31	21
06 . . . . .	119	28	91	*	41	47	27	31	27	37	25
Ambulatory . . . . .	34	*	27	*	*13	*15	*	*	*12	*11	*
Inpatient . . . . .	86	22	64	*	29	32	23	27	14	26	18
06.0 . . . . .	*9	*	*7	*	*	*	*	*	*6	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	-
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
06.1 . . . . .	11	*	*7	*	*	*7	*	*	*	*	*
Ambulatory . . . . .	*	*	*	-	*	*	*	*	*	*	*
Inpatient . . . . .	*7	*	*	*	*	*	*	*	*	*	*
06.2 . . . . .	29	*	25	*	13	11	*	*6	*7	*10	*6
Ambulatory . . . . .	*	*	*	-	*	*	*	*	*	*	*
Inpatient . . . . .	21	*	18	*	*10	*8	*	*6	*	*5	*
06.3 . . . . .	22	*	18	*	*10	*8	*	*	*5	*8	*
Ambulatory . . . . .	*	*	*	-	*	*	*	*	*	*	*
Inpatient . . . . .	15	*	11	*	*7	*	*	*	*	*6	*
06.31 . . . . .	*6	*	*5	-	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	-	*	*	*	-	*	*	*
Inpatient . . . . .	*	*	*	-	*	*	*	*	*	*	*
06.39 . . . . .	16	*	13	*	*7	*6	*	*	*	*7	*
Ambulatory . . . . .	*	*	*	-	*	*	*	*	*	*	*
Inpatient . . . . .	12	*	*9	*	*6	*	*	*	*	*5	*
06.4 . . . . .	12	*	*10	*	*	*6	*	*	*	*5	*
Ambulatory . . . . .	*	*	*	-	*	*	*	-	*	*	*
Inpatient . . . . .	10	*	*9	*	*	*	*	*	*	*	*
06.7 . . . . .	*7	*	*	*	*	*	-	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	-	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
06.8 . . . . .	21	*5	16	*	*	*8	*8	*6	*	*5	*6
Ambulatory . . . . .	*	-	*	-	*	*	*	-	*	*	-
Inpatient . . . . .	20	*5	14	*	*	*8	*8	*6	*	*	*6
06.89 . . . . .	18	*	14	-	*	*7	*7	*	*	*5	*
Ambulatory . . . . .	*	-	*	-	*	*	*	-	*	*	-
Inpatient . . . . .	17	*	13	-	*	*7	*7	*	*	*	*
06.9 . . . . .	*6	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	-	-	*	*	*	*	*	-
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
07 . . . . .	16	*8	*7	*	*	*6	*	*5	*	*5	*
Ambulatory . . . . .	*	*	-	-	*	*	-	*	-	*	-
Inpatient . . . . .	15	*8	*7	*	*	*	*	*	*	*5	*
07.6 . . . . .	*6	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	*6	*	*	*	*	*	*	*	*	*	*
08-16 . . . . .	5,494	2,169	3,324	147	300	921	4,125	988	1,281	2,151	1,073
Ambulatory . . . . .	5,306	2,076	3,230	137	264	877	4,027	936	1,262	2,067	1,040
Inpatient . . . . .	188	94	95	10	35	44	99	52	19	84	33
08 . . . . .	328	143	185	20	56	108	144	56	93	101	78
Ambulatory . . . . .	289	120	169	*17	42	97	132	43	87	89	70
Inpatient . . . . .	39	23	16	*	14	11	12	12	*6	13	*8

\* Figure does not meet standard of reliability or precision.  
 - Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
08.0 . . . . .	*7	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	—	*	*	—	*	—
08.09 . . . . .	*7	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	—	*	*	—	*	—
08.2 . . . . .	73	36	37	*9	14	21	30	17	21	22	13
Ambulatory . . . . .	71	34	37	*	*13	*20	29	*16	*19	22	*13
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
08.20 . . . . .	51	24	27	*	*9	15	23	12	16	14	*9
Ambulatory . . . . .	49	23	26	*	*	*14	22	*12	*14	*14	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
08.21 . . . . .	*8	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	—	—	—	—	—	—	—	—	—	—	—
08.22 . . . . .	*6	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	—	*	*	*	*	*	*
Inpatient . . . . .	*	*	—	—	*	—	*	*	—	—	—
08.3 . . . . .	55	19	36	*	*7	16	29	*7	18	17	14
Ambulatory . . . . .	54	*19	35	*	*	*16	29	*	*18	*17	*13
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
08.33 . . . . .	18	*8	*10	*	*	*7	*9	*	*7	*	*
Ambulatory . . . . .	*18	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	—	*	—	—	*	—	*	—	—	—
08.36 . . . . .	22	*7	15	*	*	*6	11	*	*6	*9	*
Ambulatory . . . . .	21	*	*14	*	*	*	*11	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	—	—	*	*	*
08.4 . . . . .	34	20	14	*	*	*	29	*6	13	*8	*8
Ambulatory . . . . .	33	*20	*13	*	*	*	28	*	*13	*	*
Inpatient . . . . .	*	*	*	—	—	—	*	*	—	*	*
08.44 . . . . .	*8	*6	*	—	*	*	*6	*	*	*	*
Ambulatory . . . . .	*	*	*	—	*	*	*	*	*	*	*
Inpatient . . . . .	*	—	*	—	—	—	*	*	—	—	—
08.49 . . . . .	19	*10	*9	*	*	*	16	*	*8	*	*
Ambulatory . . . . .	*19	*	*	*	*	*	*16	*	*	*	*
Inpatient . . . . .	—	—	—	—	—	—	—	—	—	—	—
08.5 . . . . .	17	*9	*8	*	*	*5	*8	*	*	*6	*
Ambulatory . . . . .	*13	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
08.59 . . . . .	10	*6	*	*	*	*	*5	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	—
08.6 . . . . .	14	*8	*6	*	*	*	*6	*	*	*6	*
Ambulatory . . . . .	*13	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	—	*	*	*	*	—
08.61 . . . . .	*8	*	*	—	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	—	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	—	*	—	*	*	*	*	—
08.7 . . . . .	65	16	48	—	*9	35	21	*9	13	20	22
Ambulatory . . . . .	62	*15	48	—	*	34	*20	*	*13	*19	22
Inpatient . . . . .	*	*	*	—	*	*	*	*	—	*	*
08.70 . . . . .	61	14	47	—	*9	34	18	*9	12	19	22
Ambulatory . . . . .	59	*13	46	—	*	33	*17	*	*12	*18	21
Inpatient . . . . .	*	*	*	—	*	*	*	*	—	*	*
08.8 . . . . .	54	28	26	*	15	19	16	*10	18	15	11
Ambulatory . . . . .	29	*12	*17	*	*	*12	*	*	*14	*	*
Inpatient . . . . .	25	16	*9	*	10	*6	*7	*7	*	*8	*5
08.81 . . . . .	26	18	*8	*	11	*6	*6	*8	*6	*7	*6
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	22	15	*6	*	10	*	*6	*7	*	*6	*

\* Figure does not meet standard of reliability or precision.  
 — Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
08.86 . . . . .	*8	*	*7	—	*	*5	*	*	*	*	*
Ambulatory . . . . .	*	*	*	—	*	*	*	*	*	*	*
Inpatient . . . . .	*	—	*	—	—	*	*	—	—	*	—
08.87 . . . . .	*9	*	*6	—	*	*	*5	*	*	*	*
Ambulatory . . . . .	*	*	*	—	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	—	*	*	*	*	—	*	*
08.89 . . . . .	*10	*5	*	*	*	*	*	*	*6	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	—	—	*	*	*
08.9 . . . . .	*5	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	—	*	*	*	*	*	*	*
09 . . . . .	83	33	50	33	*9	*8	33	12	33	25	13
Ambulatory . . . . .	81	32	49	31	*	*	33	*11	33	24	*12
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
09.4 . . . . .	38	17	22	29	*	*	*	*8	14	*9	*8
Ambulatory . . . . .	37	*16	21	28	*	*	*	*	*14	*	*
Inpatient . . . . .	*	*	*	*	—	—	—	*	*	—	*
09.43 . . . . .	22	*9	14	21	*	*	*	*	*7	*5	*6
Ambulatory . . . . .	21	*	*13	20	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	—	—	—	*	*	—	*
09.44 . . . . .	12	*6	*6	*5	*	*	*	*	*6	*	*
Ambulatory . . . . .	*12	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	—	—	—	—	—	—	—	—	—	—	—
09.7 . . . . .	21	10	11	*	*	*	17	*	*10	*10	*
Ambulatory . . . . .	21	*	*11	*	*	*	*17	*	*	*	*
Inpatient . . . . .	*	*	—	*	*	—	—	—	*	*	—
09.72 . . . . .	18	*9	*9	*	*	*	16	*	*8	*9	*
Ambulatory . . . . .	*18	*	*	*	*	*	*16	*	*	*	*
Inpatient . . . . .	—	—	—	—	—	—	—	—	—	—	—
09.8 . . . . .	14	*	11	*	*	*	*8	*	*	*	*
Ambulatory . . . . .	*14	*	*11	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	—	*	*	*	*	—	*	—
09.81 . . . . .	13	*	10	*	*	*	*7	*	*	*	*
Ambulatory . . . . .	*13	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	—	*	*	*	*	—	*	—
09.9 . . . . .	*6	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	—	*	—	—	—	—	*	—	—
10 . . . . .	20	12	*8	*	*	*	*8	*	*5	*7	*6
Ambulatory . . . . .	*17	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
10.3 . . . . .	*6	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	—	*	—	*	—	*	*	—
10.4 . . . . .	*5	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	—	*	—	—	—	*	—	—	—	*
10.9 . . . . .	*7	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	—	*	*	*
10.91 . . . . .	*7	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	—	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	—	*	*	*
11 . . . . .	136	62	73	*	36	28	69	12	23	69	30
Ambulatory . . . . .	130	59	72	*	35	26	68	*12	23	67	29
Inpatient . . . . .	*5	*	*	*	*	*	*	*	*	*	*
11.1 . . . . .	26	12	14	*	*	*	21	*	*	21	*
Ambulatory . . . . .	26	*12	*14	*	*	*	21	*	*	21	*
Inpatient . . . . .	—	—	—	—	—	—	—	—	—	—	—

\* Figure does not meet standard of reliability or precision.  
 — Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
11.3 . . . . .	22	13	*10	—	*8	*6	*8	*	*	11	*8
Ambulatory . . . . .	22	*13	*	—	*	*	*	*	*	*10	*
Inpatient . . . . .	*	*	*	—	*	*	*	—	—	*	—
11.39 . . . . .	19	11	*8	—	*7	*5	*7	*	*	10	*6
Ambulatory . . . . .	*19	*11	*	—	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	—	*	*	*	—	—	*	—
11.4 . . . . .	*6	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	—	—	—	—	—	—	—	—	—	—	—
11.49 . . . . .	*5	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	—	—	—	—	—	—	—	—	—	—	—
11.5 . . . . .	*8	*7	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
11.51 . . . . .	*6	*5	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
11.6 . . . . .	37	14	23	*	*7	*7	22	*5	*7	13	11
Ambulatory . . . . .	36	*14	22	*	*	*	21	*	*	*12	*11
Inpatient . . . . .	*	*	*	—	*	*	*	*	*	*	*
11.60 . . . . .	12	*	*8	—	*	*	*8	*	*	*	*
Ambulatory . . . . .	*12	*	*	—	*	*	*	*	*	*	*
Inpatient . . . . .	*	—	*	—	—	—	*	—	—	—	*
11.64 . . . . .	20	*8	12	—	*	*	14	*	*	10	*
Ambulatory . . . . .	*19	*	*11	—	*	*	*14	*	*	*	*
Inpatient . . . . .	*	*	*	—	*	*	*	*	*	*	—
11.7 . . . . .	35	13	22	*	14	*9	12	*	*7	18	*8
Ambulatory . . . . .	35	*13	22	*	*14	*	*12	*	*	*18	*
Inpatient . . . . .	—	—	—	—	—	—	—	—	—	—	—
11.75 . . . . .	30	12	19	*	12	*7	10	*	*	17	*7
Ambulatory . . . . .	30	*12	*19	*	*12	*	*10	*	*	*17	*
Inpatient . . . . .	—	—	—	—	—	—	—	—	—	—	—
12 . . . . .	207	86	122	*7	16	40	144	47	45	81	35
Ambulatory . . . . .	192	80	112	*	*14	34	138	41	43	72	35
Inpatient . . . . .	15	*6	*10	*	*	*6	*6	*5	*	*9	*
12.1 . . . . .	36	*9	27	*	*	10	24	11	11	*8	*6
Ambulatory . . . . .	35	*	27	*	*	*	23	*11	*10	*	*
Inpatient . . . . .	*	*	*	—	*	*	*	*	*	*	—
12.12 . . . . .	22	*6	16	*	*	*	17	*6	*7	*	*
Ambulatory . . . . .	22	*	*16	*	*	*	*17	*	*	*	*
Inpatient . . . . .	*	*	*	—	*	—	*	*	—	*	—
12.14 . . . . .	13	*	11	*	*	*6	*6	*	*	*	*
Ambulatory . . . . .	*13	*	*10	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	—	*	*	*	*	*	*	—
12.3 . . . . .	15	*7	*8	*	*	*	11	*	*	*8	*
Ambulatory . . . . .	*14	*	*	*	*	*	*11	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
12.33 . . . . .	*6	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	—	—	—	—	—	—	—	—
12.4 . . . . .	*10	*5	*	*	*	*	*7	*	—	*9	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	—	*	*
Inpatient . . . . .	—	—	—	—	—	—	—	—	—	—	—
12.43 . . . . .	*6	*	*	*	*	*	*	—	—	*6	—
Ambulatory . . . . .	*	*	*	*	*	*	*	—	—	*	—
Inpatient . . . . .	—	—	—	—	—	—	—	—	—	—	—
12.5 . . . . .	16	*	11	*	*	*	12	*7	*	*	*
Ambulatory . . . . .	*15	*	*10	*	*	*	*12	*	*	*	*
Inpatient . . . . .	*	*	*	—	—	*	*	*	—	*	—

\* Figure does not meet standard of reliability or precision.  
 — Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
12.54 . . . . .	*6	*	*5	*	*	*	*5	*	-	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	-	*	*
Inpatient . . . . .	-	-	-	-	-	-	-	-	-	-	-
12.59 . . . . .	*9	*	*5	-	*	*	*7	*	*	*	*
Ambulatory . . . . .	*	*	*	-	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	-	-	-	*	*	-	-	-
12.6 . . . . .	63	28	35	*	*	11	49	15	12	26	10
Ambulatory . . . . .	62	28	34	*	*	*10	48	*14	*12	25	*10
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
12.64 . . . . .	54	23	31	*	*	*9	42	13	11	21	*10
Ambulatory . . . . .	53	23	30	*	*	*	41	*12	*11	20	*
Inpatient . . . . .	*	*	*	-	*	*	*	*	*	*	*
12.7 . . . . .	38	17	21	*	*	*6	27	*7	*8	14	*8
Ambulatory . . . . .	37	*17	*20	*	*	*	27	*	*	*14	*
Inpatient . . . . .	*	-	*	-	-	*	*	*	-	*	-
12.73 . . . . .	*9	*	*5	-	-	*	*8	*	*	*7	*
Ambulatory . . . . .	*	*	*	-	-	*	*	*	*	*	*
Inpatient . . . . .	*	-	*	-	-	*	*	-	-	*	-
12.79 . . . . .	28	13	15	*	*	*5	18	*6	*8	*7	*7
Ambulatory . . . . .	28	*13	*15	*	*	*	*18	*	*	*	*
Inpatient . . . . .	*	-	*	-	-	*	-	*	-	-	-
12.8 . . . . .	*6	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	-	*	*	*	*	*	*	-
12.9 . . . . .	19	*9	*10	*	*	*	12	*	*5	*9	*
Ambulatory . . . . .	*12	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*7	*	*5	*	*	*	*	*	*	*	-
12.91 . . . . .	*7	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	-
12.92 . . . . .	*9	*	*6	*	*	*	*7	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	-	*	*	*	*	*	*	-
13 . . . . .	4,253	1,607	2,646	21	87	614	3,532	782	971	1,713	788
Ambulatory . . . . .	4,202	1,586	2,616	20	84	606	3,492	766	968	1,696	772
Inpatient . . . . .	51	21	29	*	*	*8	40	15	*	17	16
13.1 . . . . .	364	133	231	*5	12	47	300	92	100	94	78
Ambulatory . . . . .	363	132	230	*	*11	47	300	91	100	94	78
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
13.19 . . . . .	364	133	231	*5	11	47	300	92	100	94	78
Ambulatory . . . . .	363	132	230	*	*11	47	300	91	100	94	78
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
13.3 . . . . .	*7	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	-	-	-	-	-	-	-	-	-	-	-
13.4 . . . . .	1,414	542	872	*	24	217	1,169	243	316	618	237
Ambulatory . . . . .	1,396	535	861	*	24	214	1,154	240	314	610	230
Inpatient . . . . .	18	*7	11	*	*	*	15	*	*	*7	*6
13.41 . . . . .	1,402	535	867	*	24	211	1,165	243	315	617	228
Ambulatory . . . . .	1,385	529	856	*	23	208	1,150	239	314	610	222
Inpatient . . . . .	17	*6	11	*	*	*	14	*	*	*7	*6
13.43 . . . . .	*8	*	*	*	*	*5	*	*	*	*	*7
Ambulatory . . . . .	*	*	*	*	-	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	-	*	-	*	*	-	*	-
13.5 . . . . .	251	102	150	*	*7	36	206	37	39	130	45
Ambulatory . . . . .	245	98	147	*	*	36	201	34	39	129	43
Inpatient . . . . .	*6	*	*	-	*	*	*	*	*	*	*
13.59 . . . . .	251	102	150	*	*7	36	206	37	39	130	45
Ambulatory . . . . .	245	98	147	*	*	36	201	34	39	129	43
Inpatient . . . . .	*6	*	*	-	*	*	*	*	*	*	*

\* Figure does not meet standard of reliability or precision.  
 - Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
13.6 . . . . .	357	113	244	*	*5	34	316	59	76	144	77
Ambulatory . . . . .	355	112	244	*	*	34	316	58	76	144	77
Inpatient . . . . .	*	*	*	-	*	*	*	*	*	*	*
13.64 . . . . .	335	106	229	*	*	29	300	43	74	141	77
Ambulatory . . . . .	335	106	229	*	*	29	300	43	74	141	77
Inpatient . . . . .	*	-	*	-	*	-	*	*	*	-	-
13.65 . . . . .	15	*	10	-	*	*	12	15	*	-	-
Ambulatory . . . . .	*15	*	*10	-	*	*	*12	*15	*	-	-
Inpatient . . . . .	-	-	-	-	-	-	-	-	-	-	-
13.69 . . . . .	*6	*	*	-	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	-	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	-	*	*	*	*	*	-	*
13.7 . . . . .	1,840	706	1,134	*8	37	274	1,521	343	432	718	347
Ambulatory . . . . .	1,816	696	1,120	*	36	270	1,501	336	431	710	340
Inpatient . . . . .	23	*9	14	*	*	*	19	*7	*	*8	*8
13.70 . . . . .	*5	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	-	*	-	-	-	*	-	*	-	-
13.71 . . . . .	1,811	694	1,117	*7	34	268	1,501	340	423	707	341
Ambulatory . . . . .	1,788	685	1,103	*	34	265	1,482	333	423	699	333
Inpatient . . . . .	23	*9	14	*	*	*	19	*7	*	*8	*8
13.72 . . . . .	24	*10	14	*	*	*	17	*	*7	*9	*5
Ambulatory . . . . .	23	*	*14	*	*	*	*17	*	*	*	*
Inpatient . . . . .	*	-	*	-	-	*	*	*	*	*	-
13.8 . . . . .	10	*	*6	-	*	*	*6	*	*	*	*
Ambulatory . . . . .	*	*	*	-	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	-	-	*	*	*	*	*	-
13.9 . . . . .	*10	*	*	*	*	*	*7	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	-	-	-	*	*	*	-	-
14 . . . . .	341	166	175	11	59	102	169	53	82	111	95
Ambulatory . . . . .	285	140	145	*	50	89	137	40	76	77	91
Inpatient . . . . .	56	27	30	*	*9	13	33	13	*6	34	*
14.2 . . . . .	76	37	39	*	*9	27	37	14	22	22	18
Ambulatory . . . . .	69	35	34	*	*	26	32	*14	21	*16	*17
Inpatient . . . . .	*7	*	*5	*	*	*	*5	*	*	*6	*
14.24 . . . . .	60	30	30	*	*7	21	30	11	16	18	15
Ambulatory . . . . .	55	28	26	*	*	21	26	*11	*15	*14	*14
Inpatient . . . . .	*6	*	*	*	*	*	*	*	*	*	*
14.25 . . . . .	*9	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	-	-	*	*	*	*	*	-
14.3 . . . . .	15	*7	*9	*	*	*	*7	*	*	*	*
Ambulatory . . . . .	*13	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	-
14.32 . . . . .	*6	*	*	-	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	-	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	-	*	*	*	*	*	*	-
14.34 . . . . .	*6	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	-	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	-	*	*	*	-	*	-
14.4 . . . . .	33	19	15	*	*8	12	12	*5	*7	*8	12
Ambulatory . . . . .	25	*13	*11	*	*	*	*	*	*	*	*11
Inpatient . . . . .	*8	*5	*	*	*	*	*	*	*	*	*
14.41 . . . . .	*6	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	-	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	-
14.49 . . . . .	28	16	12	*	*7	*9	11	*	*6	*6	10
Ambulatory . . . . .	21	*12	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*6	*	*	*	*	*	*	*	*	*	*

\* Figure does not meet standard of reliability or precision.  
- Quantity zero.



**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
14.5 . . . . .	32	16	17	*	*8	*8	15	*	*6	13	*8
Ambulatory . . . . .	23	*12	*11	*	*	*	*	*	*	*	*
Inpatient . . . . .	*9	*	*6	*	*	*	*6	*	*	*7	*
14.52 . . . . .	*8	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	-	*	*
14.54 . . . . .	11	*6	*	*	*	*	*5	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
14.59 . . . . .	*9	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	-	*	-	*	-	*	*	*
14.7 . . . . .	145	71	74	*5	25	37	78	19	32	53	41
Ambulatory . . . . .	123	59	63	*	21	32	65	*12	30	41	39
Inpatient . . . . .	22	11	11	*	*	*	13	*7	*	12	*
14.71 . . . . .	10	*	*6	*	*	*	*5	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	-	*	*	*
14.72 . . . . .	22	10	11	*	*	*7	*10	*	*	*5	*9
Ambulatory . . . . .	*19	*	*10	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	-
14.73 . . . . .	24	10	13	*	*	*	17	*	*7	*9	*6
Ambulatory . . . . .	22	*	*13	*	*	*	*16	*	*	*	*
Inpatient . . . . .	*	*	*	-	*	*	*	*	*	*	-
14.74 . . . . .	74	39	35	*	14	19	39	11	16	28	18
Ambulatory . . . . .	60	32	27	*	*12	*16	31	*	*15	20	*17
Inpatient . . . . .	14	*6	*8	*	*	*	*8	*	*	*8	*
14.75 . . . . .	*10	*5	*	*	*	*	*6	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	-	*	*	*	*	*	*	*
14.79 . . . . .	*6	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	-	*	*	*	-	*	*	-
14.9 . . . . .	36	16	20	*	*6	13	17	*	*10	10	12
Ambulatory . . . . .	31	*14	*17	*	*	*11	*14	*	*	*	*12
Inpatient . . . . .	*5	*	*	*	*	*	*	*	*	*	*
15 . . . . .	84	39	45	44	23	*9	*9	17	20	28	19
Ambulatory . . . . .	82	38	44	43	22	*	*	*16	*20	27	*19
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
15.1 . . . . .	30	14	16	17	*7	*	*	*7	*	11	*7
Ambulatory . . . . .	29	*13	*15	*17	*	*	*	*	*	*11	*
Inpatient . . . . .	*	*	*	-	*	*	-	*	-	-	*
15.11 . . . . .	20	*10	11	12	*	*	*	*5	*	*7	*6
Ambulatory . . . . .	20	*	*11	*12	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	-	*	*	-	*	-	-	*
15.13 . . . . .	*7	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	-	-	*	-	-	*	-	-	-
15.3 . . . . .	28	13	15	18	*8	*	*	*5	*5	*9	*8
Ambulatory . . . . .	27	*12	*15	*17	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	-	-	*	-	*	-
15.9 . . . . .	10	*5	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*10	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	-	*	-	-	-	-	*	-	-
16 . . . . .	41	21	20	*6	*9	*9	17	*7	*9	16	*8
Ambulatory . . . . .	28	*13	*15	*	*	*	*13	*	*	*	*
Inpatient . . . . .	13	*8	*5	*	*	*	*	*	*	*7	*
16.0 . . . . .	*6	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*

\* Figure does not meet standard of reliability or precision.  
 - Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
16.09 . . . . .	*6	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
16.4 . . . . .	*6	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
16.8 . . . . .	*5	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	—	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
16.9 . . . . .	12	*6	*6	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
18-20 . . . . .	899	519	380	671	115	64	49	175	243	316	165
Ambulatory . . . . .	841	484	357	636	102	60	42	154	235	304	148
Inpatient . . . . .	58	35	23	35	13	*	*6	21	*8	12	17
18 . . . . .	108	64	44	27	32	20	28	26	26	33	22
Ambulatory . . . . .	90	52	38	22	25	*18	24	23	24	29	*14
Inpatient . . . . .	18	12	*6	*5	*7	*	*	*	*	*	*9
18.1 . . . . .	*7	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	—	*	*	*	*	*
18.2 . . . . .	54	32	22	10	14	12	18	12	15	18	*9
Ambulatory . . . . .	49	29	21	*	*12	*12	*16	*12	*15	*17	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
18.21 . . . . .	*7	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	—	—	—	—	*	—	*
18.29 . . . . .	47	28	20	*7	12	10	18	*10	13	17	*8
Ambulatory . . . . .	43	25	*18	*	*11	*10	*16	*	*13	*15	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
18.4 . . . . .	*9	*5	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*7	*	*	*	*	*	*	*	*	*	*
18.5 . . . . .	*5	*	*	*	*	*	—	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	—	*	*	*	*
Inpatient . . . . .	*	*	—	*	—	—	—	*	—	—	—
18.6 . . . . .	*10	*6	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
18.7 . . . . .	18	12	*6	*6	*5	*	*	*	*	*7	*
Ambulatory . . . . .	*15	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
18.79 . . . . .	15	*9	*5	*	*	*	*	*	*	*7	*
Ambulatory . . . . .	*13	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
19 . . . . .	105	52	53	41	37	20	*8	23	29	30	23
Ambulatory . . . . .	99	48	50	38	35	*19	*	20	28	29	21
Inpatient . . . . .	*7	*	*	*	*	*	*	*	*	*	*
19.1 . . . . .	*9	*	*6	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	—	*	*	*	*	*	*	—
19.19 . . . . .	*8	*	*5	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	—	*	—	*	—	*	*	—
19.3 . . . . .	11	*6	*5	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
19.4 . . . . .	64	33	31	34	19	*9	*	17	15	19	14
Ambulatory . . . . .	61	31	30	32	*18	*	*	*15	*15	*18	*13
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*

\* Figure does not meet standard of reliability or precision.  
 — Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
19.5 . . . . .	12	*7	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*11	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
19.53 . . . . .	*8	*5	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	-	*	-
20 . . . . .	686	403	283	603	46	24	13	125	188	254	120
Ambulatory . . . . .	652	383	269	576	42	23	*11	111	182	246	113
Inpatient . . . . .	34	20	14	27	*	*	*	14	*5	*8	*7
20.0 . . . . .	586	348	238	541	22	14	*10	106	158	223	100
Ambulatory . . . . .	562	334	228	518	21	*13	*	95	155	217	95
Inpatient . . . . .	25	15	*10	23	*	*	*	11	*	*6	*
20.01 . . . . .	547	327	220	512	16	11	*8	98	142	213	95
Ambulatory . . . . .	524	313	211	490	*16	*11	*	88	139	208	90
Inpatient . . . . .	23	14	*9	22	*	*	*	*10	*	*5	*
20.09 . . . . .	39	21	18	29	*5	*	*	*8	17	*10	*
Ambulatory . . . . .	37	20	*17	28	*	*	*	*	*16	*	*
Inpatient . . . . .	*	*	*	*	*	-	*	*	*	*	-
20.1 . . . . .	46	27	19	43	*	*	*	11	13	14	*8
Ambulatory . . . . .	44	26	*18	41	*	*	*	*10	*13	*14	*
Inpatient . . . . .	*	*	*	*	-	-	-	*	*	*	*
20.2 . . . . .	*7	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
20.23 . . . . .	*6	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	-
20.4 . . . . .	24	12	12	*6	12	*	*	*	*6	*8	*7
Ambulatory . . . . .	*20	*	*10	*	*10	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
20.42 . . . . .	13	*6	*7	*	*6	*	*	*	*	*	*
Ambulatory . . . . .	*11	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
20.49 . . . . .	*9	*5	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
20.5 . . . . .	13	*7	*6	*7	*	*	*	*	*	*	*
Ambulatory . . . . .	*12	*	*	*	*	*	-	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	-
20.51 . . . . .	12	*6	*6	*6	*	*	*	*	*	*	*
Ambulatory . . . . .	*11	*	*	*	*	*	-	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	-
20.9 . . . . .	*6	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
21-29 . . . . .	2,415	1,292	1,123	748	958	482	227	534	561	808	512
Ambulatory . . . . .	2,091	1,103	988	679	837	411	165	428	509	708	447
Inpatient . . . . .	323	189	135	69	121	72	61	106	52	100	65
21 . . . . .	750	423	327	54	414	187	95	164	200	217	169
Ambulatory . . . . .	663	367	296	49	377	166	71	137	182	190	153
Inpatient . . . . .	87	56	31	*5	37	21	24	27	17	27	16
21.0 . . . . .	41	24	18	*7	*8	*9	17	13	12	10	*7
Ambulatory . . . . .	*13	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	28	16	13	*	*5	*7	15	10	*7	*6	*
21.01 . . . . .	11	*7	*	*	*	*	*6	*	*	*	*
Ambulatory . . . . .	*	*	-	*	*	-	*	-	*	*	*
Inpatient . . . . .	10	*6	*	*	*	*	*6	*	*	*	*
21.02 . . . . .	*8	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	-	-	*	*	*	-	*	-
Inpatient . . . . .	*8	*	*	*	*	*	*	*	*	*	*

\* Figure does not meet standard of reliability or precision.  
 - Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
21.03 . . . . .	19	10	*8	*6	*	*	*6	*5	*5	*5	*
Ambulatory . . . . .	*11	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*8	*	*	*	*	*	*	*9	*	*	*
21.2 . . . . .	29	18	12	*5	*8	*8	*8	*9	*8	*8	*
Ambulatory . . . . .	26	*16	*10	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
21.21 . . . . .	21	12	*8	*	*7	*5	*	*	*6	*	*
Ambulatory . . . . .	*18	*11	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
21.22 . . . . .	*8	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	—	*	*	—
21.3 . . . . .	81	44	37	*	20	28	29	19	24	23	15
Ambulatory . . . . .	75	41	35	*	*19	26	27	*17	23	21	*15
Inpatient . . . . .	*6	*	*	*	*	*	*	*	*	*	*
21.30 . . . . .	*7	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	—	—	—	—	—	*	—
21.31 . . . . .	32	20	12	*	12	12	*6	11	*6	*10	*
Ambulatory . . . . .	28	*17	*11	*	*10	*12	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
21.32 . . . . .	42	21	22	*	*8	14	19	*6	15	12	*10
Ambulatory . . . . .	40	*20	21	*	*	*13	*18	*	*15	*11	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
21.5 . . . . .	66	38	28	*	47	14	*	17	19	14	16
Ambulatory . . . . .	59	33	26	*	42	*12	*	*15	*17	*12	*15
Inpatient . . . . .	*7	*	*	*	*	*	*	*	*	*	*
21.6 . . . . .	170	95	75	15	107	39	*9	31	45	52	42
Ambulatory . . . . .	161	90	71	*14	101	38	*	29	43	49	40
Inpatient . . . . .	*9	*6	*	*	*6	*	*	*	*	*	*
21.61 . . . . .	23	14	*9	*	13	*	*	*5	*	*10	*
Ambulatory . . . . .	22	*13	*	*	*13	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	—	*	*	*	—
21.62 . . . . .	32	16	16	*	18	*6	*	*6	13	*9	*
Ambulatory . . . . .	30	*15	*15	*	*17	*	*	*	*12	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
21.69 . . . . .	115	66	49	*6	76	28	*5	19	28	34	34
Ambulatory . . . . .	109	62	47	*	72	27	*	*18	27	31	33
Inpatient . . . . .	*6	*	*	*	*	*	*	*	*	*	*
21.7 . . . . .	54	34	19	*9	36	*7	*	12	15	15	12
Ambulatory . . . . .	45	27	*18	*	31	*	*	*10	*13	*12	*
Inpatient . . . . .	*9	*7	*	*	*5	*	*	*	*	*	*
21.71 . . . . .	38	23	15	*8	23	*5	*	*10	12	*9	*7
Ambulatory . . . . .	32	*18	*14	*	20	*	*	*	*11	*	*
Inpatient . . . . .	*6	*5	*	*	*	*	*	*	*	*	*
21.72 . . . . .	16	11	*	*	13	*	*	*	*	*6	*
Ambulatory . . . . .	*13	*	*	*	*11	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
21.8 . . . . .	298	162	136	11	181	82	24	60	76	92	70
Ambulatory . . . . .	276	147	128	*	170	75	22	54	72	83	67
Inpatient . . . . .	22	15	*7	*	11	*7	*	*6	*	*9	*
21.81 . . . . .	*6	*5	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	—	*	*	*	*
Inpatient . . . . .	*5	*	*	*	*	*	*	*	*	*	*
21.83 . . . . .	*9	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	—
21.84 . . . . .	17	*8	*9	*	14	*	*	*	*	*	*
Ambulatory . . . . .	*16	*	*	*	*13	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	—	*	*	*	*

\* Figure does not meet standard of reliability or precision.  
 — Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
21.86 . . . . .	10	*	*7	*	*7	*	*	*	*	*5	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	-	*	*	*	*
21.87 . . . . .	19	*8	12	*	15	*	*	*	*	*5	*6
Ambulatory . . . . .	*19	*	*12	*	*15	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	-	*	*	*	-
21.88 . . . . .	209	119	90	*	130	63	11	41	55	64	48
Ambulatory . . . . .	199	113	86	*	126	59	*10	40	54	60	46
Inpatient . . . . .	*9	*6	*	*	*	*	*	*	*	*	*
21.89 . . . . .	23	14	*9	*	*6	*7	*9	*8	*	*6	*
Ambulatory . . . . .	*19	*10	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	-
21.9 . . . . .	*6	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	-	*	*	-	*	-	*	-
22 . . . . .	499	247	252	37	236	176	49	119	119	170	90
Ambulatory . . . . .	463	229	234	33	223	163	43	106	114	161	82
Inpatient . . . . .	36	18	18	*	13	13	*6	13	*6	*10	*8
22.0 . . . . .	12	*5	*7	*7	*	*	*	*	*	*	*
Ambulatory . . . . .	*11	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	-	*	*	*	*	*	*
22.00 . . . . .	10	*	*5	*6	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	-	-	*	*	*	-	*	-
22.1 . . . . .	122	61	61	10	60	40	12	30	26	48	18
Ambulatory . . . . .	117	59	58	*	58	39	*11	29	25	46	*17
Inpatient . . . . .	*5	*	*	*	*	*	*	*	*	*	*
22.19 . . . . .	119	59	60	*10	59	40	11	30	25	46	18
Ambulatory . . . . .	114	57	57	*	57	39	*10	29	24	44	*17
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
22.2 . . . . .	120	57	63	*7	63	41	*10	28	31	40	21
Ambulatory . . . . .	113	53	60	*	61	39	*	25	31	39	*19
Inpatient . . . . .	*7	*	*	*	*	*	*	*	*	*	*
22.3 . . . . .	14	*8	*6	*	*6	*7	*	*	*	*	*
Ambulatory . . . . .	*11	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
22.39 . . . . .	*10	*6	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
22.4 . . . . .	16	*8	*9	*	*6	*8	*	*5	*	*	*
Ambulatory . . . . .	*14	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
22.41 . . . . .	13	*5	*7	*	*	*6	*	*	*	*	*
Ambulatory . . . . .	*12	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	-	*	*	*	-
22.5 . . . . .	29	16	13	*	*7	15	*	11	*	*10	*6
Ambulatory . . . . .	28	*15	*12	*	*	*15	*	*10	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
22.52 . . . . .	22	13	*10	*	*	14	*	10	*	*7	*
Ambulatory . . . . .	21	*12	*	*	*	*13	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	-
22.6 . . . . .	174	83	90	*8	89	58	19	37	45	58	32
Ambulatory . . . . .	158	75	83	*	83	52	*16	32	43	54	29
Inpatient . . . . .	15	*8	*8	*	*6	*5	*	*5	*	*	*
22.60 . . . . .	*7	*	*	*	*	*	*	-	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	-	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	-	*	*	*	-
22.62 . . . . .	16	*9	*7	*	*9	*	*	*	*	*6	*5
Ambulatory . . . . .	*14	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*

\* Figure does not meet standard of reliability or precision.  
 - Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region				
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West	
Number of procedures in thousands												
22.63 . . . . .	138	66	73	*6	71	49	13	32	38	45	23	
Ambulatory . . . . .	127	60	68	*	68	44	*11	29	36	42	20	
Inpatient . . . . .	11	*6	*	*	*	*	*	*	*	*	*	
22.64 . . . . .	11	*	*7	*	*	*	*	*	*	*	*	
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*	
Inpatient . . . . .	*	*	*	—	*	*	*	*	*	*	*	
22.9 . . . . .	*9	*7	*	*	*	*	*	*	*	*	*	
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*	
Inpatient . . . . .	*	—	*	*	—	—	*	*	*	*	*	
23 . . . . .	258	139	119	167	65	17	*9	64	36	110	48	
Ambulatory . . . . .	221	117	104	160	44	*10	*	52	32	100	37	
Inpatient . . . . .	37	22	14	*7	21	*7	*	12	*	10	11	
23.0 . . . . .	62	33	30	24	24	10	*	18	14	21	*9	
Ambulatory . . . . .	49	25	24	23	*16	*	*	*14	*12	*17	*	
Inpatient . . . . .	13	*8	*5	*	*8	*	*	*	*	*	*	
23.09 . . . . .	60	31	29	22	24	10	*	17	14	21	*9	
Ambulatory . . . . .	47	23	24	21	*16	*	*	*14	*12	*17	*	
Inpatient . . . . .	13	*8	*5	*	*8	*	*	*	*	*	*	
23.1 . . . . .	49	26	23	10	28	*5	*	20	*8	15	*6	
Ambulatory . . . . .	33	*16	*17	*	*19	*	*	*14	*	*	*	
Inpatient . . . . .	16	*10	*6	*	*9	*	*	*6	*	*	*	
23.19 . . . . .	48	26	22	10	28	*	*	20	*8	14	*6	
Ambulatory . . . . .	32	*16	*16	*	*19	*	*	*14	*	*	*	
Inpatient . . . . .	16	*10	*6	*	*9	*	*	*6	*	*	*	
23.2 . . . . .	29	16	13	26	*	*	*	*7	*	15	*	
Ambulatory . . . . .	27	*14	*13	24	*	*	*	*	*	*14	*	
Inpatient . . . . .	*	*	*	*	*	—	—	*	—	*	*	
23.4 . . . . .	91	50	41	85	*6	*	*	13	10	45	23	
Ambulatory . . . . .	89	49	40	83	*	*	*	*12	*10	45	22	
Inpatient . . . . .	*	*	*	*	*	—	—	*	*	*	*	
23.41 . . . . .	34	19	15	33	*	*	—	*7	*	20	*	
Ambulatory . . . . .	33	*18	*15	32	*	*	—	*	*	*20	*	
Inpatient . . . . .	*	*	*	*	—	—	—	*	—	—	*	
23.49 . . . . .	57	31	25	51	*	*	*	*6	*7	25	19	
Ambulatory . . . . .	56	31	25	51	*	*	*	*	*	25	*19	
Inpatient . . . . .	*	*	*	*	*	—	—	*	*	*	—	
23.7 . . . . .	24	13	11	22	*	*	*	*6	*	14	*	
Ambulatory . . . . .	23	*12	*10	21	*	—	*	*	*	*14	*	
Inpatient . . . . .	*	*	*	*	*	*	*	*	—	*	*	
23.70 . . . . .	22	12	*10	20	*	—	—	*	*	13	*	
Ambulatory . . . . .	21	*11	*	*19	*	—	—	*	*	*13	*	
Inpatient . . . . .	*	*	*	*	*	—	—	*	—	—	*	
24 . . . . .	36	19	16	10	*10	12	*	10	11	*10	*	
Ambulatory . . . . .	28	*14	*14	*	*	*	*	*	*	*	*	
Inpatient . . . . .	*8	*6	*	*	*	*	*	*	*	*	*	
24.3 . . . . .	*6	*	*	*	*	*	*	*	*	*	*	
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*	
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	—	
24.5 . . . . .	12	*7	*	*	*	*7	*	*	*	*	*	
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*	
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*	
24.9 . . . . .	*5	*	*	*	*	*	*	*	*	*	*	
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*	
Inpatient . . . . .	*	*	*	—	*	*	—	*	*	*	—	
25 . . . . .	36	22	13	16	*6	*8	*6	*8	*10	11	*7	
Ambulatory . . . . .	23	*14	*	*14	*	*	*	*	*	*	*	
Inpatient . . . . .	12	*8	*	*	*	*	*	*	*	*	*	
25.0 . . . . .	*6	*	*	—	*	*	*	*	*	*	*	
Ambulatory . . . . .	*	*	*	—	*	*	*	*	*	*	*	
Inpatient . . . . .	*	*	*	—	*	*	*	*	*	*	*	

\* Figure does not meet standard of reliability or precision.  
 — Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
25.2 . . . . .	*5	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
25.9 . . . . .	14	*10	*	14	*	*	*	*	*	*	*
Ambulatory . . . . .	*13	*	*	*13	*	*	—	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	—	*	*	*	—	*
25.91 . . . . .	*7	*	*	*7	*	—	—	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	—	—	*	*	*	*
Inpatient . . . . .	*	*	—	*	—	—	—	*	*	—	*
25.92 . . . . .	*7	*6	*	*6	*	*	—	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	—	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	—	—	*	*	—	*
26 . . . . .	40	20	21	*	12	10	15	*9	*8	13	*9
Ambulatory . . . . .	22	*12	*11	*	*	*	*	*	*	*	*
Inpatient . . . . .	18	*8	10	*	*	*5	*8	*6	*	*7	*
26.2 . . . . .	*5	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	—	*	*	*	*	*	*	*
26.29 . . . . .	*5	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	—	*	*	*	*	*	*	*
26.3 . . . . .	29	16	13	*	*8	*7	12	*6	*	11	*8
Ambulatory . . . . .	*15	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	14	*7	*7	*	*	*	*6	*	*	*6	*
26.30 . . . . .	12	*7	*	*	*	*	*5	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	—	*	*	*	*	*	*	*
26.31 . . . . .	10	*6	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	—	*	*	*	*	*	*	*
Inpatient . . . . .	*6	*	*	*	*	*	*	*	*	*	*
26.32 . . . . .	*7	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*6	*	*	*	*	*	*	*	*	*	*
27 . . . . .	150	90	60	30	59	34	26	25	33	51	41
Ambulatory . . . . .	102	65	37	*13	42	28	*19	*15	23	34	29
Inpatient . . . . .	48	25	23	17	17	*6	*7	10	*9	17	12
27.0 . . . . .	*8	*	*	*	*5	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	—	*	*	*	*	*
Inpatient . . . . .	*6	*	*	*	*	*	*	*	*	*	*
27.2 . . . . .	*10	*	*6	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
27.4 . . . . .	44	23	21	*	17	10	12	10	*9	15	*9
Ambulatory . . . . .	41	22	*18	*	*16	*	*11	*	*	*14	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
27.43 . . . . .	32	17	15	*	13	*7	*8	*9	*5	11	*6
Ambulatory . . . . .	31	*16	*14	*	*12	*	*	*	*	*11	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
27.49 . . . . .	*9	*6	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
27.5 . . . . .	36	20	16	10	13	*6	*7	*8	*7	11	*10
Ambulatory . . . . .	*15	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	21	11	10	*6	*9	*	*	*5	*5	*5	*5
27.51 . . . . .	12	*7	*6	*	*7	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	—	—	*	*	—
Inpatient . . . . .	11	*6	*5	*	*7	*	*	*	*	*	*
27.54 . . . . .	*7	*	*	*6	*	—	—	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	—	—	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	—	—	*	*	*	*

\* Figure does not meet standard of reliability or precision.  
 — Quantity zero.



**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
27.59 . . . . .	*7	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
27.6 . . . . .	28	21	*7	11	*10	*5	*	*	*6	*8	*10
Ambulatory . . . . .	*17	*15	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	10	*6	*	*9	*	*	*	*	*	*	*
27.62 . . . . .	*6	*	*	*6	*	—	—	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	—	—	—	*	*	*
Inpatient . . . . .	*5	*	*	*5	*	—	—	*	*	*	*
27.69 . . . . .	17	14	*	*	*9	*5	*	*	*	*	*6
Ambulatory . . . . .	*15	*13	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
27.7 . . . . .	18	15	*	*	*10	*6	*	*	*	*6	*7
Ambulatory . . . . .	*16	*13	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	—
27.72 . . . . .	*7	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	—
27.73 . . . . .	11	10	*	*	*5	*	*	*	*	*	*5
Ambulatory . . . . .	*11	*10	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	—	*	*	—	—	—	—	*	—
28 . . . . .	571	277	294	421	132	14	*	116	132	202	122
Ambulatory . . . . .	523	252	270	391	117	*	*	92	128	187	116
Inpatient . . . . .	49	25	24	30	14	*	*	24	*	14	*6
28.0 . . . . .	*7	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	—	—	—	*	*
Inpatient . . . . .	*6	*	*	*	*	*	*	*	*	*	*
28.2 . . . . .	144	53	91	39	94	*8	*	31	29	47	38
Ambulatory . . . . .	131	47	84	36	87	*	*	25	28	44	34
Inpatient . . . . .	13	*6	*7	*	*7	*	*	*6	*	*	*
28.3 . . . . .	274	130	144	248	24	*	*	60	65	91	59
Ambulatory . . . . .	252	117	134	227	22	*	*	47	64	84	57
Inpatient . . . . .	23	13	*10	20	*	—	*	13	*	*7	*
28.6 . . . . .	136	85	50	129	*6	*	*	21	34	56	24
Ambulatory . . . . .	132	83	49	126	*	*	*	*19	34	56	23
Inpatient . . . . .	*	*	*	*	—	*	—	*	*	*	*
29 . . . . .	75	53	22	*9	24	24	17	18	13	23	20
Ambulatory . . . . .	47	33	*14	*	*16	*16	*	*	*	*13	*16
Inpatient . . . . .	28	20	*8	*	*8	*8	*9	*9	*	10	*
29.1 . . . . .	31	19	12	*	*10	*9	*7	*6	*	12	*8
Ambulatory . . . . .	22	*13	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*9	*6	*	*	*	*	*	*	*	*	*
29.11 . . . . .	18	11	*7	*	*	*	*	*	*	*7	*
Ambulatory . . . . .	*12	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*7	*	*	*	*	*	*	*	*	*	*
29.12 . . . . .	12	*7	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	—	*	*	*	*	*	*	*
29.2 . . . . .	*5	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	—	*	*	*	—
29.3 . . . . .	*9	*	*	*	*	*	*6	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
29.39 . . . . .	*5	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	—	—
29.4 . . . . .	26	23	*	*	12	10	*	*5	*5	*8	*7
Ambulatory . . . . .	*14	*13	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	12	*10	*	*	*	*	*	*	*	*	*

\* Figure does not meet standard of reliability or precision.  
 — Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
30-34 . . . . .	1,468	801	667	98	249	452	669	378	332	468	289
Ambulatory . . . . .	429	219	211	41	77	154	157	108	116	124	81
Inpatient . . . . .	1,038	582	456	57	172	298	511	270	217	343	208
30 . . . . .	61	29	32	*6	17	25	13	19	15	17	11
Ambulatory . . . . .	49	*20	29	*	*17	21	*	*15	*13	*12	*
Inpatient . . . . .	12	*9	*	*	*	*	*5	*	*	*	*
30.0 . . . . .	53	22	30	*5	17	20	*10	18	14	12	*9
Ambulatory . . . . .	47	*19	28	*	*17	*19	*	*14	*13	*12	*
Inpatient . . . . .	*5	*	*	*	*	*	*	*	*	*	*
30.09 . . . . .	52	22	30	*5	17	20	*10	18	14	12	*9
Ambulatory . . . . .	47	*19	28	*	*17	*19	*	*14	*13	*12	*
Inpatient . . . . .	*5	*	*	*	*	*	*	*	*	*	*
31 . . . . .	281	157	123	44	54	94	88	79	67	77	58
Ambulatory . . . . .	138	70	68	23	30	53	32	33	42	36	26
Inpatient . . . . .	143	88	55	21	24	42	57	46	25	40	31
31.1 . . . . .	64	40	24	*	12	20	29	18	13	16	17
Ambulatory . . . . .	*	*	*	*	-	*	*	*	*	*	*
Inpatient . . . . .	63	40	23	*	12	20	29	18	13	16	16
31.2 . . . . .	17	*10	*8	*	*	*	*8	*	*	*6	*
Ambulatory . . . . .	*	*	-	-	-	*	*	-	*	-	-
Inpatient . . . . .	17	*10	*8	*	*	*	*8	*	*	*6	*
31.29 . . . . .	17	*10	*7	*	*	*	*8	*	*	*6	*
Ambulatory . . . . .	*	*	-	-	-	*	*	-	*	-	-
Inpatient . . . . .	17	*10	*7	*	*	*	*8	*	*	*6	*
31.4 . . . . .	180	96	84	35	35	64	47	53	44	49	34
Ambulatory . . . . .	127	63	63	20	28	49	29	32	37	33	24
Inpatient . . . . .	53	33	21	14	*6	15	17	21	*7	16	*10
31.42 . . . . .	132	64	68	32	28	45	27	45	31	33	23
Ambulatory . . . . .	87	38	50	*18	22	33	*14	26	24	21	*16
Inpatient . . . . .	44	26	18	14	*6	11	13	19	*7	12	*7
31.43 . . . . .	46	31	16	*	*6	19	18	*8	13	14	11
Ambulatory . . . . .	38	25	*13	*	*	*15	*14	*	*12	*11	*
Inpatient . . . . .	*8	*6	*	*	*	*	*	*	*	*	*
31.7 . . . . .	*6	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
31.9 . . . . .	*6	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	-	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
32 . . . . .	70	36	35	*	*6	24	39	17	15	23	16
Ambulatory . . . . .	*	*	*	*	-	*	*	*	*	*	-
Inpatient . . . . .	69	35	35	*	*6	23	39	17	15	22	16
32.2 . . . . .	24	13	11	*	*	*8	11	*7	*6	*7	*
Ambulatory . . . . .	*	*	-	-	-	*	-	-	-	*	-
Inpatient . . . . .	24	13	11	*	*	*7	11	*7	*6	*6	*
32.29 . . . . .	18	*9	*9	*	*	*6	*9	*5	*5	*	*
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	18	*9	*9	*	*	*6	*9	*5	*5	*	*
32.3 . . . . .	*7	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	-	*	-	-	-	*	-	-	*	-
Inpatient . . . . .	*7	*	*	*	*	*	*	*	*	*	*
32.4 . . . . .	30	12	17	*	*	*8	21	*7	*7	*8	*8
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	30	12	17	*	*	*8	21	*7	*7	*8	*8
32.5 . . . . .	*6	*	*	-	*	*	*	*	*	*	*
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	*6	*	*	-	*	*	*	*	*	*	*
33 . . . . .	562	318	243	34	74	177	277	144	125	181	112
Ambulatory . . . . .	204	110	95	*13	26	69	96	50	53	62	39
Inpatient . . . . .	357	208	149	21	48	108	181	94	72	118	72

\* Figure does not meet standard of reliability or precision.  
 - Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
33.2 . . . . .	553	313	240	33	72	174	275	143	122	178	109
Ambulatory . . . . .	202	109	94	*13	26	68	96	50	51	62	39
Inpatient . . . . .	351	205	146	20	46	105	179	93	71	116	70
33.22 . . . . .	78	47	31	*5	13	25	35	26	13	18	21
Ambulatory . . . . .	22	*14	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	56	33	23	*	*10	17	25	17	*9	13	16
33.23 . . . . .	112	60	51	22	14	35	41	31	27	32	22
Ambulatory . . . . .	67	35	32	*11	*	22	25	*16	*18	21	*13
Inpatient . . . . .	45	26	19	11	*6	13	16	15	*9	12	*10
33.24 . . . . .	208	121	87	*	29	64	112	50	50	72	36
Ambulatory . . . . .	71	39	32	*	*	25	36	*15	21	24	*12
Inpatient . . . . .	137	82	55	*	19	39	77	35	29	48	25
33.26 . . . . .	36	17	19	*	*	12	22	*6	*8	14	*7
Ambulatory . . . . .	*	*	*	-	*	*	*	*	*	*	*
Inpatient . . . . .	26	13	13	*	*	*8	17	*	*6	11	*
33.27 . . . . .	94	51	42	*	*10	28	56	25	19	33	17
Ambulatory . . . . .	31	*17	*14	-	*	*	*19	*	*	*	*
Inpatient . . . . .	62	34	28	*	*7	19	37	16	13	23	10
33.28 . . . . .	19	13	*6	*	*	*8	*7	*	*	*7	*
Ambulatory . . . . .	*	-	*	-	-	-	*	-	*	-	-
Inpatient . . . . .	19	13	*6	*	*	*8	*6	*	*	*7	*
34 . . . . .	494	261	233	13	98	131	251	119	110	171	93
Ambulatory . . . . .	37	*19	*18	*	*	*11	22	*10	*	*13	*
Inpatient . . . . .	457	242	215	13	94	120	229	109	103	158	87
34.0 . . . . .	183	110	73	*8	51	52	72	39	41	67	37
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	179	108	71	*8	51	50	70	39	40	65	35
34.03 . . . . .	*6	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	*6	*	*	*	*	*	*	*	*	*	*
34.04 . . . . .	144	84	59	*7	41	41	55	32	33	55	24
Ambulatory . . . . .	*	*	*	-	*	*	*	*	-	*	*
Inpatient . . . . .	142	84	58	*7	41	39	55	32	33	53	23
34.09 . . . . .	24	15	*9	*	*8	*8	*8	*	*	*8	*8
Ambulatory . . . . .	*	-	*	-	-	*	*	-	*	*	-
Inpatient . . . . .	24	15	*9	*	*8	*8	*7	*	*	*8	*8
34.2 . . . . .	62	30	32	*	*8	18	36	18	16	17	11
Ambulatory . . . . .	*11	*	*	-	*	*	*	*	*	*	*
Inpatient . . . . .	51	25	26	*	*6	14	30	15	12	14	*9
34.21 . . . . .	18	10	*7	*	*	*5	*9	*5	*	*6	*
Ambulatory . . . . .	*	-	*	-	-	-	*	-	*	*	-
Inpatient . . . . .	18	10	*7	*	*	*5	*8	*5	*	*6	*
34.22 . . . . .	17	*8	*8	-	*	*8	*7	*6	*	*	*
Ambulatory . . . . .	*	*	*	-	*	*	*	*	*	*	*
Inpatient . . . . .	12	*6	*7	-	*	*6	*6	*	*	*	*
34.24 . . . . .	13	*7	*6	-	*	*	11	*	*	*	*
Ambulatory . . . . .	*	*	*	-	-	-	*	*	-	*	*
Inpatient . . . . .	11	*6	*6	-	*	*	*9	*	*	*	*
34.25 . . . . .	*6	*	*5	-	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	-	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	-	*	*	*	*	*	*	*
34.4 . . . . .	*9	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	-	*	*	*	*	*	*	*
34.5 . . . . .	14	*10	*	*	*	*6	*	*	*	*	*
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	14	*10	*	*	*	*6	*	*	*	*	*
34.51 . . . . .	10	*7	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	10	*7	*	*	*	*	*	*	*	*	*

\* Figure does not meet standard of reliability or precision.  
- Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
34.6 . . . . .	*7	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	*7	*	*	*	*	*	*	*	*	*	*
34.7 . . . . .	*5	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	-	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
34.9 . . . . .	201	92	110	*	27	45	127	51	45	70	35
Ambulatory . . . . .	*15	*	*	-	*	*	*11	*	*	*	*
Inpatient . . . . .	186	84	102	*	26	41	116	44	43	64	34
34.91 . . . . .	173	81	92	*	21	37	112	44	39	60	30
Ambulatory . . . . .	*15	*	*	-	*	*	*11	*	*	*	*
Inpatient . . . . .	158	73	85	*	21	33	101	37	38	54	30
34.92 . . . . .	23	*9	14	-	*	*8	11	*7	*	*8	*
Ambulatory . . . . .	*	-	*	-	*	-	-	-	-	-	*
Inpatient . . . . .	23	*9	14	-	*	*8	11	*7	*	*8	*
35-39 . . . . .	6,341	3,756	2,585	178	682	2,244	3,237	1,359	1,508	2,206	1,269
Ambulatory . . . . .	898	525	372	*14	139	362	384	149	223	263	262
Inpatient . . . . .	5,444	3,231	2,213	164	544	1,882	2,853	1,209	1,285	1,942	1,007
35 . . . . .	118	66	51	26	14	27	50	38	27	33	20
Ambulatory . . . . .	*	*	*	*	-	-	-	*	*	-	*
Inpatient . . . . .	116	66	50	25	14	27	50	37	25	33	20
35.1 . . . . .	*10	*	*5	*	*	*	*	*	*	*	*
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	*10	*	*5	*	*	*	*	*	*	*	*
35.12 . . . . .	*5	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	*5	*	*	*	*	*	*	*	*	*	*
35.2 . . . . .	69	41	28	*	*8	19	41	18	19	20	12
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	69	41	28	*	*8	19	41	18	19	20	12
35.21 . . . . .	*9	*6	*	*	*	*	*6	*	*	*	*
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	*9	*6	*	*	*	*	*6	*	*	*	*
35.22 . . . . .	41	27	14	*	*	12	24	*10	11	14	*6
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	41	27	14	*	*	12	24	*10	11	14	*6
35.24 . . . . .	14	*6	*8	*	*	*	*8	*	*	*	*
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	14	*6	*8	*	*	*	*8	*	*	*	*
35.3 . . . . .	*9	*6	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	*9	*6	*	*	*	*	*	*	*	*	*
35.33 . . . . .	*7	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	*7	*	*	*	*	*	*	*	*	*	*
35.6 . . . . .	*6	*	-	*	-	-	-	*	-	-	-
Ambulatory . . . . .	*	*	-	*	-	-	-	*	-	-	-
Inpatient . . . . .	*6	*	*	*	*	*	*	*	*	*	*
35.7 . . . . .	*8	*	*	*5	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	-	-	-	*	-	-	-
Inpatient . . . . .	*8	*	*	*	*	*	*	*	*	*	*
35.71 . . . . .	*5	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	-	*	*	-	-	-	*	-	-	-
Inpatient . . . . .	*5	*	*	*	*	*	*	*	*	*	*
35.9 . . . . .	*5	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	-	-	-	-	*	-	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
36 . . . . .	1,323	913	410	*	61	575	685	274	359	428	263
Ambulatory . . . . .	55	35	*20	*	*	25	26	*	*11	*12	27
Inpatient . . . . .	1,268	878	390	*	57	550	659	269	348	416	236

\* Figure does not meet standard of reliability or precision.  
 - Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
36.0 . . . . .	721	487	234	*	41	332	348	123	194	243	161
Ambulatory . . . . .	55	35	*20	*	*	25	26	*	*11	*12	27
Inpatient . . . . .	666	452	214	*	37	307	322	118	183	231	135
36.01 . . . . .	442	294	147	*	29	206	206	82	121	143	95
Ambulatory . . . . .	29	*19	*10	*	*	*14	*11	*	*	*	*11
Inpatient . . . . .	412	276	137	*	25	191	195	78	113	136	85
36.02 . . . . .	16	11	*	*	*	*6	*9	*	*5	*6	*
Ambulatory . . . . .	*	*	—	—	*	*	—	*	*	—	—
Inpatient . . . . .	16	11	*	*	*	*5	*9	*	*	*6	*
36.05 . . . . .	58	37	21	—	*	23	33	*6	14	19	18
Ambulatory . . . . .	*	*	*	—	—	*	*	—	—	*	*
Inpatient . . . . .	54	36	18	—	*	23	30	*6	14	19	15
36.06 . . . . .	192	134	57	—	*9	93	91	33	52	69	38
Ambulatory . . . . .	*15	*	*	—	*	*	*	*	*	*	*
Inpatient . . . . .	177	125	52	—	*8	84	85	31	50	66	31
36.09 . . . . .	11	*7	*	—	*	*	*8	*	*	*	*6
Ambulatory . . . . .	*	*	*	—	*	*	*	—	—	*	*
Inpatient . . . . .	*	*	*	—	*	*	*	*	*	*	*
36.1 . . . . .	598	424	175	*	20	242	335	150	164	183	101
Ambulatory . . . . .	—	—	—	—	—	—	—	—	—	—	—
Inpatient . . . . .	598	424	175	*	20	242	335	150	164	183	101
36.11 . . . . .	50	32	18	—	*	21	25	14	17	13	*6
Ambulatory . . . . .	—	—	—	—	—	—	—	—	—	—	—
Inpatient . . . . .	50	32	18	—	*	21	25	14	17	13	*6
36.12 . . . . .	116	75	41	*	*	46	67	29	34	34	19
Ambulatory . . . . .	—	—	—	—	—	—	—	—	—	—	—
Inpatient . . . . .	116	75	41	*	*	46	67	29	34	34	19
36.13 . . . . .	114	82	32	—	*	44	66	25	30	38	21
Ambulatory . . . . .	—	—	—	—	—	—	—	—	—	—	—
Inpatient . . . . .	114	82	32	—	*	44	66	25	30	38	21
36.14 . . . . .	68	54	15	*	*	26	41	16	17	23	13
Ambulatory . . . . .	—	—	—	—	—	—	—	—	—	—	—
Inpatient . . . . .	68	54	15	*	*	26	41	16	17	23	13
36.15 . . . . .	231	165	67	*	*9	96	125	60	65	70	36
Ambulatory . . . . .	—	—	—	—	—	—	—	—	—	—	—
Inpatient . . . . .	231	165	67	*	*9	96	125	60	65	70	36
36.16 . . . . .	11	*9	*	—	*	*7	*	*	*	*	*
Ambulatory . . . . .	—	—	—	—	—	—	—	—	—	—	—
Inpatient . . . . .	11	*9	*	—	*	*7	*	*	*	*	*
37 . . . . .	2,270	1,355	915	31	188	854	1,198	465	542	832	431
Ambulatory . . . . .	543	337	206	*	58	226	253	85	146	153	159
Inpatient . . . . .	1,727	1,018	709	23	130	628	945	379	397	679	271
37.0 . . . . .	13	*7	*6	*	*	*5	*5	*	*	*	*
Ambulatory . . . . .	*	*	*	—	—	*	*	—	*	—	*
Inpatient . . . . .	11	*6	*	*	*	*	*	*	*	*	*
37.1 . . . . .	12	*8	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	—	—	—	—	—	—	—	—	—	—	—
Inpatient . . . . .	12	*8	*	*	*	*	*	*	*	*	*
37.12 . . . . .	10	*7	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	—	—	—	—	—	—	—	—	—	—	—
Inpatient . . . . .	10	*7	*	*	*	*	*	*	*	*	*
37.2 . . . . .	1,740	1,068	672	23	160	742	815	337	432	634	337
Ambulatory . . . . .	499	314	185	*	55	218	219	80	137	139	143
Inpatient . . . . .	1,241	754	488	16	105	524	596	257	295	495	194
37.21 . . . . .	118	74	44	*6	14	55	44	31	31	31	24
Ambulatory . . . . .	69	45	24	*	*	31	28	21	25	*	*15
Inpatient . . . . .	49	29	20	*	*6	24	17	10	*6	23	*10
37.22 . . . . .	1,225	766	459	*	104	554	564	214	302	470	239
Ambulatory . . . . .	328	210	118	*	32	152	143	47	82	105	94
Inpatient . . . . .	897	556	342	*	72	402	422	168	220	365	146

\* Figure does not meet standard of reliability or precision.  
 — Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
37.23 . . . . .	290	161	128	11	20	93	166	68	67	103	51
Ambulatory . . . . .	75	43	33	*	*	23	43	*10	*20	20	25
Inpatient . . . . .	215	119	96	*10	12	70	123	58	47	83	26
37.25 . . . . .	15	12	*	*	*	*8	*	*	*	*	*5
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*6	*	*	*	*	*	*	*	*	*	*
37.26 . . . . .	78	47	31	*	17	27	32	18	24	21	15
Ambulatory . . . . .	*16	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	62	39	22	*	11	21	29	16	18	17	10
37.27 . . . . .	*8	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	-	*	*	-	-	-	*	*
Inpatient . . . . .	*7	*	*	*	*	*	*	*	*	*	*
37.3 . . . . .	33	16	17	*	*7	11	13	*9	*6	*10	*8
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	29	15	13	*	*6	*10	10	*9	*6	*9	*5
37.33 . . . . .	*6	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	-	*	-	-	-	*	-	-	-	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
37.34 . . . . .	22	*10	12	*	*6	*6	*8	*5	*	*6	*7
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	18	*9	*9	*	*	*6	*7	*5	*	*6	*5
37.6 . . . . .	64	43	21	*	*	30	32	16	15	21	11
Ambulatory . . . . .	*	*	*	-	-	*	*	-	*	*	*
Inpatient . . . . .	61	41	20	*	*	28	31	16	15	19	10
37.61 . . . . .	59	40	19	*	*	28	30	14	14	21	10
Ambulatory . . . . .	*	*	*	-	-	*	*	-	*	*	*
Inpatient . . . . .	56	38	18	*	*	25	30	14	14	18	*10
37.7 . . . . .	197	100	97	*	*6	29	160	48	41	78	30
Ambulatory . . . . .	*11	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	186	94	92	*	*6	27	152	47	38	75	27
37.71 . . . . .	40	18	22	*	*	*6	34	11	*7	17	*6
Ambulatory . . . . .	*	*	*	-	-	*	*	*	-	*	*
Inpatient . . . . .	37	17	19	*	*	*	32	10	*7	15	*
37.72 . . . . .	84	43	41	*	*	10	71	20	16	35	12
Ambulatory . . . . .	*	*	*	-	*	-	*	-	*	*	*
Inpatient . . . . .	81	41	40	*	*	10	69	20	16	35	11
37.76 . . . . .	15	*8	*7	*	*	*	13	*	*	*	*
Ambulatory . . . . .	*	*	*	-	-	-	*	-	*	*	*
Inpatient . . . . .	14	*7	*7	*	*	*	12	*	*	*	*
37.78 . . . . .	43	26	17	*	*	11	28	11	11	14	*6
Ambulatory . . . . .	*	*	*	-	-	*	*	*	*	*	*
Inpatient . . . . .	40	24	16	*	*	*9	27	10	*9	14	*6
37.8 . . . . .	175	89	86	*	*	20	150	40	31	73	31
Ambulatory . . . . .	*20	*12	*	-	*	*	*18	*	*	*	*
Inpatient . . . . .	155	77	78	*	*	19	132	37	28	65	25
37.80 . . . . .	16	*8	*8	*	*	*	15	*	*	*9	*
Ambulatory . . . . .	*	*	*	-	*	*	*	*	*	*	*
Inpatient . . . . .	*9	*	*5	*	-	*	*9	*	*	*5	*
37.81 . . . . .	19	*10	*10	*	*	*	16	*	*	*9	*
Ambulatory . . . . .	*	*	-	-	-	*	*	-	-	*	-
Inpatient . . . . .	19	*9	*10	*	*	*	16	*	*	*8	*
37.82 . . . . .	23	11	12	*	*	*	21	*5	*	11	*
Ambulatory . . . . .	*	-	*	-	-	-	*	-	-	*	*
Inpatient . . . . .	23	11	11	*	*	*	20	*5	*	10	*
37.83 . . . . .	83	44	39	*	*	11	70	19	17	34	13
Ambulatory . . . . .	*	*	*	-	*	-	*	*	*	*	*
Inpatient . . . . .	81	42	39	*	*	11	68	19	16	34	12
37.85 . . . . .	*6	*	*	*	*	*	*5	*	*	*	*
Ambulatory . . . . .	*	*	*	-	-	-	*	*	*	*	-
Inpatient . . . . .	*5	*	*	*	*	*	*	*	*	*	*

\* Figure does not meet standard of reliability or precision.  
 - Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
37.86 . . . . .	*6	*	*	*	*	*	*6	*	*	*	*
Ambulatory . . . . .	*	*	*	-	-	-	*	*	*	*	*
Inpatient . . . . .	*5	*	*	*	*	*	*5	*	*	*	*
37.87 . . . . .	14	*7	*7	*	*	*	11	*	*	*	*
Ambulatory . . . . .	*	*	*	-	-	*	*	*	*	*	*
Inpatient . . . . .	10	*	*6	*	*	*	*7	*	*	*	*
37.89 . . . . .	*6	*	*	*	*	*	*5	*	*	*	*
Ambulatory . . . . .	*	*	*	-	-	-	*	*	-	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
37.9 . . . . .	31	21	*10	*	*	11	16	*8	10	*7	*6
Ambulatory . . . . .	*	*	*	*	*	-	*	*	*	-	*
Inpatient . . . . .	26	19	*7	*	*	11	13	*6	*8	*7	*
37.94 . . . . .	20	15	*	*	*	*8	*9	*5	*7	*	*
Ambulatory . . . . .	*	-	*	-	*	-	-	*	-	-	-
Inpatient . . . . .	19	15	*	*	*	*8	*9	*	*7	*	*
37.98 . . . . .	*6	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	-	*	-	*	*	*	-	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
38 . . . . .	1,269	645	623	84	235	323	627	284	304	417	264
Ambulatory . . . . .	152	63	89	*	47	56	47	31	38	42	41
Inpatient . . . . .	1,117	583	534	82	188	266	580	253	265	375	224
38.0 . . . . .	55	24	31	*	*7	13	34	14	*10	23	*8
Ambulatory . . . . .	*	*	*	-	*	*	*	*	*	*	*
Inpatient . . . . .	46	18	28	*	*	10	30	13	*8	20	*
38.03 . . . . .	16	*6	10	*	*	*	*9	*	*	*8	*
Ambulatory . . . . .	*	*	*	-	*	*	*	*	*	*	*
Inpatient . . . . .	10	*	*7	*	*	*	*7	*	*	*7	*
38.08 . . . . .	25	11	14	-	*	*5	18	*8	*6	*9	*
Ambulatory . . . . .	*	*	*	-	*	*	*	-	*	-	*
Inpatient . . . . .	24	10	14	-	*	*	18	*8	*5	*9	*
38.1 . . . . .	163	91	72	*	*	35	124	39	38	61	25
Ambulatory . . . . .	*	*	*	-	*	*	*	*	*	*	-
Inpatient . . . . .	162	91	71	*	*	35	123	39	38	61	25
38.12 . . . . .	131	77	54	-	*	27	103	32	31	51	17
Ambulatory . . . . .	*	*	*	-	-	*	*	*	-	*	-
Inpatient . . . . .	130	77	54	-	*	27	102	32	31	50	17
38.18 . . . . .	23	11	12	*	*	*5	16	*5	*	*7	*7
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	23	11	12	*	*	*5	16	*5	*	*7	*7
38.2 . . . . .	26	*9	17	*	*	*	19	*8	*7	*5	*6
Ambulatory . . . . .	*15	*	*10	*	*	*	*12	*	*	*	*
Inpatient . . . . .	11	*	*7	*	*	*	*7	*	*	*	*
38.21 . . . . .	24	*8	16	*	*	*	17	*6	*6	*	*6
Ambulatory . . . . .	*15	*	*10	-	*	*	*12	*	*	*	*
Inpatient . . . . .	*8	*	*6	*	*	*	*5	*	*	*	*
38.3 . . . . .	*7	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	-	*	-	*	-	-	-	-	*	-
Inpatient . . . . .	*6	*	*	*	*	*	*	*	*	*	*
38.4 . . . . .	57	45	12	*	*	11	42	14	12	22	*9
Ambulatory . . . . .	*	*	-	-	*	-	*	*	-	*	-
Inpatient . . . . .	56	44	12	*	*	11	42	13	12	22	*9
38.44 . . . . .	30	24	*6	-	*	*	25	*8	*7	10	*
Ambulatory . . . . .	*	*	-	-	-	-	*	-	-	*	-
Inpatient . . . . .	30	24	*6	-	*	*	25	*8	*7	10	*
38.45 . . . . .	*9	*5	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	*9	*5	*	*	*	*	*	*	*	*	*
38.46 . . . . .	*6	*6	*	-	*	*	*5	*	*	*	*
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	*6	*6	*	-	*	*	*5	*	*	*	*

\* Figure does not meet standard of reliability or precision.  
- Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
38.48 . . . . .	*9	*8	*	*	*	*	*6	*	*	*	*
Ambulatory . . . . .	—	—	—	—	—	—	—	—	—	—	—
Inpatient . . . . .	*9	*8	*	*	*	*	*6	*	*	*	*
38.5 . . . . .	53	17	37	—	25	22	*7	14	15	*9	16
Ambulatory . . . . .	46	*14	31	—	21	*19	*	*12	*13	*	*14
Inpatient . . . . .	*8	*	*6	—	*	*	*	*	*	*	*
38.59 . . . . .	52	16	35	—	24	21	*6	14	15	*7	16
Ambulatory . . . . .	45	*14	31	—	21	*19	*	*12	*13	*	*14
Inpatient . . . . .	*6	*	*	—	*	*	*	*	*	*	*
38.6 . . . . .	19	12	*7	*	*	*6	*8	*6	*	*5	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	10	*6	*	*	*	*	*6	*	*	*	*
38.7 . . . . .	32	14	18	*	*	*7	23	10	*8	*10	*
Ambulatory . . . . .	*	*	*	—	*	*	*	*	—	*	—
Inpatient . . . . .	31	14	18	*	*	*6	22	*10	*8	*9	*
38.8 . . . . .	38	21	16	10	14	*	*9	10	*7	14	*7
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	33	19	13	*10	12	*	*8	*10	*5	12	*5
38.85 . . . . .	11	*7	*	*8	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	—	—	—	*	*	*	*
Inpatient . . . . .	11	*7	*	*8	*	*	*	*	*	*	*
38.86 . . . . .	*6	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	—	*	*	*	—	—	—	—	—	*
Inpatient . . . . .	*6	*	*	*	*	*	*	*	*	*	*
38.89 . . . . .	*5	*	*	—	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	—	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	—	*	*	*	*	*	*	*
38.9 . . . . .	819	409	410	69	172	219	359	168	203	265	183
Ambulatory . . . . .	65	29	36	*	*17	26	21	*	*15	25	*16
Inpatient . . . . .	754	380	374	68	155	193	338	159	188	240	167
38.91 . . . . .	129	73	56	21	16	28	63	27	45	35	22
Ambulatory . . . . .	*	*	*	*	*	*	*	*	—	*	*
Inpatient . . . . .	125	70	54	21	16	26	61	27	45	32	21
38.92 . . . . .	11	*7	*	10	*	*	*	*	*	*	*
Ambulatory . . . . .	—	—	—	—	—	—	—	—	—	—	—
Inpatient . . . . .	11	*7	*	10	*	*	*	*	*	*	*
38.93 . . . . .	533	253	281	34	121	143	236	116	125	169	123
Ambulatory . . . . .	38	*15	23	*	*11	*15	*11	*	*10	*12	*
Inpatient . . . . .	496	238	258	33	110	128	225	110	115	157	114
38.94 . . . . .	12	*6	*6	*	*	*	*6	*	*	*	*
Ambulatory . . . . .	*	*	*	—	*	*	*	—	—	*	*
Inpatient . . . . .	*10	*	*5	*	*	*	*	*	*	*	*
38.95 . . . . .	122	64	57	*	31	42	49	18	25	53	27
Ambulatory . . . . .	*18	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	104	55	48	*	26	35	43	16	20	44	23
38.99 . . . . .	*9	*6	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	—	*	*	*	*	*	*	*
Inpatient . . . . .	*6	*	*	*	*	*	*	*	*	*	*
39 . . . . .	1,362	777	585	35	184	466	678	299	277	495	292
Ambulatory . . . . .	145	90	55	*	29	55	59	27	27	56	35
Inpatient . . . . .	1,217	687	530	32	155	411	620	272	250	439	256
39.1 . . . . .	*6	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	—	*	—	*	*	—	*	—	—	*
Inpatient . . . . .	*5	*	*	*	*	*	*	*	*	*	*
39.2 . . . . .	211	120	91	*	22	63	124	46	46	77	42
Ambulatory . . . . .	26	*18	*	*	*	*10	*	*	*	*	*
Inpatient . . . . .	185	102	83	*	16	53	114	40	40	69	35
39.25 . . . . .	23	14	*9	—	*	*10	12	*6	*5	*9	*
Ambulatory . . . . .	—	—	—	—	—	—	—	—	—	—	—
Inpatient . . . . .	23	14	*9	—	*	*10	12	*6	*5	*9	*

\* Figure does not meet standard of reliability or precision.  
 — Quantity zero.



**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
39.27 . . . . .	81	45	37	*	17	27	37	15	16	28	22
Ambulatory . . . . .	24	*16	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	58	29	29	*	11	18	28	*10	11	22	16
39.29 . . . . .	98	58	40	*	*	25	69	23	23	38	14
Ambulatory . . . . .	*	*	*	*	—	*	*	—	*	*	*
Inpatient . . . . .	95	57	39	*	*	24	68	23	23	37	13
39.3 . . . . .	24	15	*9	*	*9	*6	*7	*	*	*9	*7
Ambulatory . . . . .	*	*	*	—	*	*	*	*	*	*	*
Inpatient . . . . .	20	12	*8	*	*9	*6	*	*	*	*7	*7
39.31 . . . . .	17	11	*7	*	*7	*	*6	*	*	*7	*5
Ambulatory . . . . .	*	*	*	—	*	*	*	*	*	*	*
Inpatient . . . . .	15	*9	*6	*	*7	*	*	*	*	*	*
39.32 . . . . .	*5	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	—	*	*	—	—	*	*	—
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
39.4 . . . . .	146	80	66	*	32	53	60	24	23	63	37
Ambulatory . . . . .	57	34	24	—	*11	24	22	*	*11	25	*14
Inpatient . . . . .	89	46	43	*	20	30	38	17	12	38	22
39.42 . . . . .	43	23	20	—	11	16	17	*7	*7	19	*10
Ambulatory . . . . .	21	*14	*	—	*	*	*	*	*	*11	*
Inpatient . . . . .	22	*9	13	—	*6	*7	*9	*	*	*8	*7
39.43 . . . . .	*9	*	*	—	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	—	*	*	*	—	*	*	*
Inpatient . . . . .	*8	*	*	—	*	*	*	*	*	*	*
39.49 . . . . .	91	50	41	*	18	34	38	14	15	37	25
Ambulatory . . . . .	35	*19	*15	—	*	*14	*13	*	*	*13	*11
Inpatient . . . . .	56	31	25	*	11	20	25	11	*8	24	14
39.5 . . . . .	142	79	62	*7	16	43	75	34	27	52	28
Ambulatory . . . . .	25	*15	*	*	*	*	*13	*	*	*	*
Inpatient . . . . .	117	64	53	*5	14	35	62	29	22	44	21
39.50 . . . . .	70	41	30	*	*7	23	38	18	13	27	12
Ambulatory . . . . .	*11	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	60	34	25	*	*6	19	33	17	11	22	*10
39.51 . . . . .	12	*	*8	—	*	*6	*	*	*	*	*
Ambulatory . . . . .	—	—	—	—	—	—	—	—	—	—	—
Inpatient . . . . .	12	*	*8	—	*	*6	*	*	*	*	*
39.52 . . . . .	13	*8	*5	*	*	*	*9	*	*	*8	*
Ambulatory . . . . .	*	*	*	—	—	*	*	—	—	*	*
Inpatient . . . . .	10	*7	*	*	*	*	*8	*	*	*6	*
39.53 . . . . .	*7	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	—	*	*	*	*	*	*	—
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
39.57 . . . . .	*9	*	*	*	*	*	*6	*	*	*	*
Ambulatory . . . . .	*	*	—	—	—	—	*	—	—	*	—
Inpatient . . . . .	*9	*	*	*	*	*	*5	*	*	*	*
39.59 . . . . .	21	12	*9	*	*	*	12	*	*	*6	*8
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	15	*8	*6	*	*	*	*8	*	*	*6	*5
39.6 . . . . .	363	241	122	18	18	133	193	89	96	121	58
Ambulatory . . . . .	*	*	—	—	*	*	—	—	*	*	—
Inpatient . . . . .	362	240	122	18	17	133	193	89	96	120	58
39.61 . . . . .	322	215	107	16	16	119	171	80	84	104	53
Ambulatory . . . . .	—	—	—	—	—	—	—	—	—	—	—
Inpatient . . . . .	322	215	107	16	16	119	171	80	84	104	53
39.62 . . . . .	*9	*6	*	—	*	*	*	*	*	*	*
Ambulatory . . . . .	—	—	—	—	—	—	—	—	—	—	—
Inpatient . . . . .	*9	*6	*	—	*	*	*	*	*	*	*
39.63 . . . . .	*8	*	*	—	*	*	*	*	*	*	*
Ambulatory . . . . .	—	—	—	—	—	—	—	—	—	—	—
Inpatient . . . . .	*8	*	*	—	*	*	*	*	*	*	*

\* Figure does not meet standard of reliability or precision.  
 — Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
39.64 . . . . .	22	16	*7	*	*	*8	13	*	*	12	*
Ambulatory . . . . .	*	*	-	-	*	*	-	-	*	*	-
Inpatient . . . . .	21	14	*7	*	*	*7	13	*	*	11	*
39.9 . . . . .	468	236	232	*	85	163	216	100	78	172	118
Ambulatory . . . . .	32	*20	*13	*	*	*12	*11	*	*	*13	*
Inpatient . . . . .	436	216	220	*	76	151	205	91	73	159	112
39.93 . . . . .	14	10	*	*	*	*6	*5	*	*	*	*
Ambulatory . . . . .	*	*	*	-	*	*	*	*	*	*	*
Inpatient . . . . .	*7	*	*	*	*	*	*	*	*	*	*
39.95 . . . . .	424	212	212	*	75	147	199	88	70	158	108
Ambulatory . . . . .	*10	*	*	-	*	*	*	*	*	*	*
Inpatient . . . . .	413	205	209	*	73	143	195	86	69	152	106
39.97 . . . . .	*8	*	*	-	*	-	*	*	-	-	-
Ambulatory . . . . .	*	*	*	-	*	-	*	*	-	-	-
Inpatient . . . . .	*6	*	*	-	*	*	*	*	*	*	*
39.98 . . . . .	*6	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
39.99 . . . . .	12	*6	*6	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*11	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
40-41 . . . . .	508	234	274	31	112	170	195	139	113	154	103
Ambulatory . . . . .	160	65	96	*12	50	55	43	45	35	43	37
Inpatient . . . . .	348	169	179	19	62	115	152	93	77	111	66
40 . . . . .	332	145	187	12	70	129	121	86	74	100	72
Ambulatory . . . . .	138	52	86	*	46	49	35	37	30	38	33
Inpatient . . . . .	194	93	101	*	24	80	86	49	44	62	39
40.1 . . . . .	94	43	51	*	26	36	28	27	21	32	15
Ambulatory . . . . .	50	23	27	*	*18	*18	*11	*13	*11	*17	*
Inpatient . . . . .	44	20	24	*	*8	18	17	14	*10	15	*6
40.11 . . . . .	92	41	50	*	25	34	27	26	20	31	14
Ambulatory . . . . .	49	22	27	*	*18	*17	*11	*13	*11	*17	*
Inpatient . . . . .	43	20	23	*	*7	18	17	14	*10	14	*6
40.2 . . . . .	126	44	82	*6	35	45	40	36	29	34	26
Ambulatory . . . . .	77	25	52	*	27	26	20	23	*17	*18	*19
Inpatient . . . . .	49	19	30	*	*8	19	20	14	12	16	*8
40.21 . . . . .	16	*7	*9	*	*8	*	*	*6	*	*	*
Ambulatory . . . . .	*14	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
40.23 . . . . .	48	*6	42	*	11	22	15	15	11	13	*9
Ambulatory . . . . .	37	*	32	*	*	*17	*11	*11	*	*	*
Inpatient . . . . .	11	*	10	-	*	*	*	*	*	*	*
40.24 . . . . .	13	*8	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	-	*	*	*	*	*	*	*
Inpatient . . . . .	*7	*	*	*	*	*	*	*	*	*	*
40.29 . . . . .	48	23	25	*	12	15	17	12	11	14	11
Ambulatory . . . . .	20	*10	*10	*	*	*	*	*	*	*	*
Inpatient . . . . .	27	13	15	*	*	10	12	*6	*8	*9	*
40.3 . . . . .	75	36	39	*	*6	31	37	17	13	23	22
Ambulatory . . . . .	*	*	*	-	*	*	*	*	*	*	*
Inpatient . . . . .	67	34	33	*	*5	27	34	16	12	21	18
40.4 . . . . .	13	*7	*5	-	*	*6	*6	*	*	*	*
Ambulatory . . . . .	*	*	-	-	-	*	*	-	*	-	*
Inpatient . . . . .	12	*7	*5	-	*	*6	*6	*	*	*	*
40.41 . . . . .	11	*6	*5	-	*	*6	*5	*	*	*	*
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	11	*6	*5	-	*	*6	*5	*	*	*	*
40.5 . . . . .	21	14	*7	*	*	11	*9	*	*7	*6	*
Ambulatory . . . . .	*	*	*	-	-	*	*	-	-	*	*
Inpatient . . . . .	20	13	*7	*	*	*9	*9	*	*7	*6	*

\* Figure does not meet standard of reliability or precision.  
 - Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
40.53 . . . . .	*8	*7	*	-	*	*	*	*	*	*	*
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	*8	*7	*	-	*	*	*	*	*	*	*
41 . . . . .	176	89	87	19	42	41	74	53	39	54	31
Ambulatory . . . . .	22	*13	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	154	76	78	15	38	36	66	45	33	49	27
41.0 . . . . .	13	*7	*6	*	*7	*	*	*	*	*	*
Ambulatory . . . . .	*	*	-	*	-	-	-	-	*	*	-
Inpatient . . . . .	13	*7	*6	*	*7	*	*	*	*	*	*
41.04 . . . . .	*8	*	*	*	*5	*	*	*	*	*	*
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	*8	*	*	*	*5	*	*	*	*	*	*
41.3 . . . . .	125	62	63	12	21	30	62	38	28	39	19
Ambulatory . . . . .	*17	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	108	54	54	*9	19	25	54	33	25	34	17
41.31 . . . . .	124	61	63	12	21	30	61	38	28	38	19
Ambulatory . . . . .	*16	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	108	54	54	*9	19	25	54	33	25	34	17
41.5 . . . . .	28	14	15	*	10	*6	11	*7	*6	*8	*7
Ambulatory . . . . .	*	*	-	-	*	-	*	-	*	-	*
Inpatient . . . . .	27	13	15	*	*10	*6	10	*7	*5	*8	*7
41.9 . . . . .	*9	*5	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	-	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
42-54 . . . . .	11,865	5,293	6,571	404	3,285	3,458	4,718	2,628	3,024	3,951	2,262
Ambulatory . . . . .	6,888	3,141	3,747	186	2,079	2,211	2,413	1,493	1,842	2,222	1,331
Inpatient . . . . .	4,976	2,152	2,824	218	1,206	1,247	2,305	1,135	1,182	1,729	930
42 . . . . .	464	232	232	22	76	140	226	120	111	147	86
Ambulatory . . . . .	315	152	163	*	56	101	148	84	80	97	54
Inpatient . . . . .	149	80	69	12	20	39	78	36	31	51	31
42.2 . . . . .	142	81	61	15	28	39	60	38	30	41	33
Ambulatory . . . . .	60	36	24	*	*15	*19	20	*18	*14	*13	*15
Inpatient . . . . .	82	45	37	10	12	20	40	21	16	28	17
42.23 . . . . .	126	73	53	12	25	34	54	30	29	36	30
Ambulatory . . . . .	50	31	*19	*	*13	*16	*16	*12	*13	*11	*14
Inpatient . . . . .	76	42	34	*8	12	19	38	18	16	26	16
42.24 . . . . .	10	*6	*	*	*	*	*5	*6	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
42.3 . . . . .	39	25	14	*	*7	17	15	*7	*10	13	*10
Ambulatory . . . . .	*14	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	26	17	*9	*	*6	10	*10	*6	*	*10	*6
42.33 . . . . .	39	25	14	*	*7	17	14	*7	*10	12	*10
Ambulatory . . . . .	*14	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	25	16	*8	*	*6	*10	*9	*6	*	*9	*6
42.9 . . . . .	270	119	152	*5	40	80	145	70	69	90	40
Ambulatory . . . . .	241	107	134	*	38	75	123	65	61	80	35
Inpatient . . . . .	29	11	18	*	*	*	22	*5	*9	*10	*5
42.92 . . . . .	270	118	152	*5	40	80	145	70	69	90	40
Ambulatory . . . . .	241	107	134	*	38	75	123	65	61	80	35
Inpatient . . . . .	29	11	18	*	*	*	22	*5	*9	*10	*5
43 . . . . .	250	125	125	22	21	40	167	51	54	96	48
Ambulatory . . . . .	34	*14	20	*	*	*	24	*	*11	*11	*
Inpatient . . . . .	216	110	105	21	18	34	143	48	43	85	39
43.1 . . . . .	190	89	101	10	15	26	139	37	38	78	37
Ambulatory . . . . .	20	*	*13	*	*	*	*15	*	*	*	*
Inpatient . . . . .	170	82	88	*10	13	23	124	35	32	71	31
43.11 . . . . .	153	72	80	*	12	17	120	30	28	66	29
Ambulatory . . . . .	*19	*	*12	*	*	*	*14	*	*	*	*
Inpatient . . . . .	134	65	69	*	10	15	105	28	23	59	24

\* Figure does not meet standard of reliability or precision.  
- Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
43.19 . . . . .	37	17	20	*6	*	*9	20	*8	*10	12	*8
Ambulatory . . . . .	*	*	*	-	-	*	*	-	*	*	*
Inpatient . . . . .	36	17	19	*6	*	*8	19	*8	*9	12	*7
43.3 . . . . .	12	10	*	11	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	-	*	-	-	-	*	-	-	-
Inpatient . . . . .	12	10	*	11	*	*	*	*	*	*	*
43.4 . . . . .	23	12	11	*	*	*7	13	*	*8	*7	*
Ambulatory . . . . .	*14	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*9	*5	*	-	*	*	*	*	*	*	*
43.41 . . . . .	21	11	11	*	*	*6	12	*	*8	*6	*
Ambulatory . . . . .	*14	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*7	*	*	-	*	*	*	*	*	*	*
43.7 . . . . .	*9	*5	*	-	*	*	*5	*	*	*	*
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	*9	*5	*	-	*	*	*5	*	*	*	*
44 . . . . .	257	118	140	11	55	75	116	52	50	106	49
Ambulatory . . . . .	89	32	58	*	21	32	35	22	*14	42	*11
Inpatient . . . . .	168	86	82	*10	35	43	81	29	36	64	38
44.0 . . . . .	*10	*5	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	-	*	-	-	-	-	*	-
Inpatient . . . . .	*9	*5	*	*	*	*	*	*	*	*	*
44.1 . . . . .	100	39	60	*	21	35	43	22	16	51	11
Ambulatory . . . . .	72	27	45	*	*16	28	27	*18	*10	37	*
Inpatient . . . . .	28	12	16	*	*	*7	16	*	*6	14	*
44.13 . . . . .	72	27	45	*	15	26	30	17	11	35	*9
Ambulatory . . . . .	55	20	34	*	*13	22	*20	*16	*	26	*
Inpatient . . . . .	17	*7	10	*	*	*	10	*	*	*9	*
44.14 . . . . .	27	11	15	*	*5	*8	12	*	*6	16	*
Ambulatory . . . . .	*17	*	*11	*	*	*	*	*	*	*11	*
Inpatient . . . . .	*9	*	*	*	*	*	*	*	*	*	*
44.2 . . . . .	25	*8	17	*	*	*6	13	*5	*5	*8	*6
Ambulatory . . . . .	*13	*	*11	-	*	*	*	*	*	*	*
Inpatient . . . . .	11	*6	*6	*	*	*	*7	*	*	*	*
44.22 . . . . .	15	*	12	-	*	*	*7	*	*	*	*
Ambulatory . . . . .	*13	*	*11	-	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	-	*	*	*	*	*	*	*
44.29 . . . . .	*10	*	*	*	*	*	*6	*	*	*	*
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	*10	*	*	*	*	*	*6	*	*	*	*
44.3 . . . . .	17	*6	11	*	*7	*	*7	*	*	*7	*6
Ambulatory . . . . .	*	-	*	-	*	-	-	-	-	*	-
Inpatient . . . . .	17	*6	11	*	*7	*	*7	*	*	*6	*6
44.39 . . . . .	14	*6	*9	*	*	*	*7	*	*	*6	*
Ambulatory . . . . .	*	-	*	-	*	-	-	-	-	*	-
Inpatient . . . . .	14	*6	*8	*	*	*	*7	*	*	*6	*
44.4 . . . . .	64	38	26	*	*10	15	39	12	16	20	16
Ambulatory . . . . .	*	*	*	-	-	*	*	*	*	-	*
Inpatient . . . . .	62	37	25	*	*10	15	37	11	16	20	15
44.42 . . . . .	13	*8	*5	-	*	*	*6	*	*	*	*
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	13	*8	*5	-	*	*	*6	*	*	*	*
44.43 . . . . .	45	27	18	*	*5	*10	30	*7	11	14	14
Ambulatory . . . . .	*	*	*	-	-	*	*	*	*	-	*
Inpatient . . . . .	43	26	17	*	*5	*10	28	*7	10	14	12
44.6 . . . . .	38	18	20	*9	10	12	*7	*7	*9	16	*6
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	36	17	19	*8	10	11	*7	*7	*8	16	*5
44.66 . . . . .	26	12	13	*7	*6	*9	*	*	*5	11	*
Ambulatory . . . . .	*	*	*	*	*	*	-	*	*	*	*
Inpatient . . . . .	25	12	13	*6	*6	*8	*	*	*5	11	*

\* Figure does not meet standard of reliability or precision.  
 - Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
44.69 . . . . .	*5	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	—	—	—	—	—	—	—	—	—	—	—
Inpatient . . . . .	*5	*	*	*	*	*	*	*	*	*	*
45 . . . . .	5,882	2,680	3,202	72	1,119	1,846	2,845	1,355	1,565	1,938	1,025
Ambulatory . . . . .	4,054	1,853	2,201	46	860	1,406	1,741	934	1,117	1,278	725
Inpatient . . . . .	1,828	827	1,001	26	258	440	1,103	421	448	659	300
45.0 . . . . .	*9	*5	*	*	*	*	*5	*	*	*	*
Ambulatory . . . . .	—	—	—	—	—	—	—	—	—	—	—
Inpatient . . . . .	*9	*5	*	*	*	*	*5	*	*	*	*
45.1 . . . . .	2,407	1,066	1,341	40	552	714	1,101	517	645	813	433
Ambulatory . . . . .	1,563	668	895	28	419	502	614	330	442	503	288
Inpatient . . . . .	844	398	446	12	133	212	487	187	202	310	145
45.13 . . . . .	1,117	503	614	13	249	323	532	261	306	350	201
Ambulatory . . . . .	736	315	420	*	188	228	311	178	216	210	131
Inpatient . . . . .	382	188	194	*	61	95	222	83	90	139	69
45.14 . . . . .	17	*9	*8	*	*7	*	*7	*	*	*	*10
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*8	*	*	*	*	*	*	*	*	*	*
45.16 . . . . .	1,265	551	714	26	294	387	558	253	334	457	221
Ambulatory . . . . .	815	348	467	*19	224	274	299	151	225	290	149
Inpatient . . . . .	450	203	247	*8	70	113	260	102	108	167	72
45.2 . . . . .	2,407	1,056	1,351	21	443	807	1,137	609	623	790	385
Ambulatory . . . . .	1,914	855	1,058	*15	380	696	822	494	503	607	309
Inpatient . . . . .	493	201	293	*5	63	111	315	115	119	184	75
45.22 . . . . .	11	*7	*	*	*	*	*7	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*5	*	*	—	*	*	*	*	*	*	*
45.23 . . . . .	1,395	607	788	*6	230	476	683	383	330	457	225
Ambulatory . . . . .	1,152	507	645	*	210	425	512	330	277	362	182
Inpatient . . . . .	243	100	143	*	20	52	171	52	53	95	43
45.24 . . . . .	384	173	211	*	68	145	167	87	122	120	55
Ambulatory . . . . .	311	141	170	*	57	127	124	71	99	95	46
Inpatient . . . . .	73	31	41	*	11	17	44	15	23	25	*9
45.25 . . . . .	613	269	344	11	145	181	276	138	164	208	103
Ambulatory . . . . .	445	204	241	*	113	142	183	92	126	147	80
Inpatient . . . . .	167	65	102	*	32	39	94	46	38	61	23
45.3 . . . . .	15	*9	*6	*	*	*	*5	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	13	*8	*	*	*	*	*	*	*	*	*
45.33 . . . . .	*9	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	—	—	*	*	*	—	—
Inpatient . . . . .	*7	*	*	*	*	*	*	*	*	*	*
45.4 . . . . .	678	375	302	*	65	227	383	134	197	205	142
Ambulatory . . . . .	572	326	246	*	60	207	302	109	170	167	126
Inpatient . . . . .	106	49	56	*	*	19	82	26	26	37	16
45.42 . . . . .	642	359	283	*	61	217	360	129	188	194	131
Ambulatory . . . . .	555	317	238	*	59	201	291	106	166	163	120
Inpatient . . . . .	87	42	45	—	*	16	69	23	22	31	11
45.43 . . . . .	31	15	16	*	*	*8	21	*5	*8	*8	*9
Ambulatory . . . . .	*17	*	*	—	*	*	*10	*	*	*	*
Inpatient . . . . .	13	*6	*8	*	*	*	11	*	*	*	*
45.6 . . . . .	62	27	35	*	*10	16	34	16	18	19	*9
Ambulatory . . . . .	*	—	*	*	*	—	*	*	*	*	—
Inpatient . . . . .	61	27	34	*	*9	16	33	16	17	19	*9
45.62 . . . . .	59	26	33	*	*9	15	33	15	17	18	*9
Ambulatory . . . . .	*	—	*	*	—	—	*	—	*	*	—
Inpatient . . . . .	59	26	32	*	*9	15	33	15	16	18	*9
45.7 . . . . .	227	102	125	*	28	57	139	52	61	78	36
Ambulatory . . . . .	*	*	—	—	*	—	*	—	—	*	*
Inpatient . . . . .	226	101	125	*	28	57	138	52	61	78	35

\* Figure does not meet standard of reliability or precision.  
 — Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
45.72 . . . . .	13	*	*8	*	*5	*	*	*	*	*	*
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	13	*	*8	*	*5	*	*	*	*	*	*
45.73 . . . . .	69	31	37	*	*5	14	49	15	22	23	*9
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	69	31	37	*	*5	14	49	15	22	23	*9
45.74 . . . . .	*10	*	*8	*	*	*	*6	*	*	*	*
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	*10	*	*8	*	*	*	*6	*	*	*	*
45.75 . . . . .	29	11	19	*	*	*9	17	*8	*9	10	*
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	29	11	19	*	*	*9	17	*8	*9	10	*
45.76 . . . . .	80	40	40	*	11	21	48	19	19	26	16
Ambulatory . . . . .	*	*	-	-	-	-	*	-	-	-	*
Inpatient . . . . .	79	39	40	*	11	21	47	19	19	26	15
45.79 . . . . .	23	12	12	*	*	*7	13	*5	*5	*10	*
Ambulatory . . . . .	*	*	-	-	*	-	-	-	-	*	-
Inpatient . . . . .	23	11	12	*	*	*7	13	*5	*5	*10	*
45.8 . . . . .	*8	*5	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	*8	*5	*	*	*	*	*	*	*	*	*
45.9 . . . . .	67	31	36	*	12	15	38	17	14	22	14
Ambulatory . . . . .	*	*	*	-	-	*	*	-	*	-	*
Inpatient . . . . .	66	30	36	*	12	15	37	17	14	22	12
45.91 . . . . .	11	*	*7	*	*	*	*6	*	*	*	*
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	11	*	*7	*	*	*	*6	*	*	*	*
45.93 . . . . .	26	12	14	*	*	*6	15	*6	*7	*8	*
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	26	12	14	*	*	*6	15	*6	*7	*8	*
45.94 . . . . .	19	*9	*10	*	*	*	12	*	*	*6	*
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	19	*9	*10	*	*	*	12	*	*	*6	*
46 . . . . .	217	109	108	13	49	48	107	55	54	73	35
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	208	106	102	13	47	46	103	54	51	71	33
46.0 . . . . .	16	*7	*9	*	*	*	*9	*	*	*5	*
Ambulatory . . . . .	*	-	*	-	-	*	-	-	*	-	-
Inpatient . . . . .	16	*7	*9	*	*	*	*9	*	*	*5	*
46.03 . . . . .	11	*5	*6	*	*	*	*7	*	*	*	*
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	11	*5	*6	*	*	*	*7	*	*	*	*
46.1 . . . . .	48	22	26	*	*7	*9	31	14	12	15	*7
Ambulatory . . . . .	*	-	*	*	-	-	-	*	-	-	-
Inpatient . . . . .	48	22	26	*	*7	*9	31	14	12	15	*7
46.10 . . . . .	22	10	12	*	*	*	15	*6	*6	*7	*
Ambulatory . . . . .	*	-	*	*	-	-	-	*	-	-	-
Inpatient . . . . .	22	10	12	*	*	*	15	*6	*6	*7	*
46.11 . . . . .	13	*8	*6	*	*	*	*7	*	*	*	*
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	13	*8	*6	*	*	*	*7	*	*	*	*
46.13 . . . . .	13	*	*8	*	*	*	*8	*	*	*	*
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	13	*	*8	*	*	*	*8	*	*	*	*
46.2 . . . . .	*10	*6	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	*10	*6	*	*	*	*	*	*	*	*	*
46.3 . . . . .	30	18	11	*	*	*7	16	*7	*9	*8	*6
Ambulatory . . . . .	*	*	*	-	*	-	*	-	*	*	*
Inpatient . . . . .	29	18	11	*	*	*7	15	*7	*9	*8	*6

\* Figure does not meet standard of reliability or precision.  
 - Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
46.32 . . . . .	*7	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	—	—	—	—	—	—	—	—	—	—	—
Inpatient . . . . .	*7	*	*	*	*	*	*	*	*	*	*
46.39 . . . . .	23	15	*8	*	*	*6	12	*5	*7	*6	*
Ambulatory . . . . .	*	*	*	—	*	—	*	—	*	*	*
Inpatient . . . . .	22	14	*8	*	*	*6	11	*5	*7	*6	*
46.4 . . . . .	13	*6	*7	*	*	*5	*6	*	*	*	*
Ambulatory . . . . .	*	*	*	—	*	*	*	*	—	*	*
Inpatient . . . . .	12	*6	*6	*	*	*	*6	*	*	*	*
46.5 . . . . .	39	19	20	*	11	*9	17	*8	10	14	*6
Ambulatory . . . . .	*	*	—	—	*	—	—	—	—	*	*
Inpatient . . . . .	38	18	20	*	10	*9	17	*8	10	14	*6
46.51 . . . . .	*7	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	—	—	*	—	—	—	—	—	*
Inpatient . . . . .	*7	*	*	*	*	*	*	*	*	*	*
46.52 . . . . .	31	15	17	*	*8	*7	15	*6	*9	12	*
Ambulatory . . . . .	*	*	—	—	*	—	—	—	—	*	—
Inpatient . . . . .	31	15	17	*	*7	*7	15	*6	*9	11	*
46.7 . . . . .	35	17	17	*	14	*8	10	*10	*7	13	*
Ambulatory . . . . .	*	—	*	—	*	—	—	—	—	*	—
Inpatient . . . . .	35	17	17	*	14	*8	10	*10	*7	13	*
46.73 . . . . .	15	*7	*8	*	*5	*	*5	*	*	*5	*
Ambulatory . . . . .	—	—	—	—	—	—	—	—	—	—	—
Inpatient . . . . .	15	*7	*8	*	*5	*	*5	*	*	*5	*
46.75 . . . . .	*8	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	—	—	—	—	—	—	—	—	—	—	—
Inpatient . . . . .	*8	*	*	*	*	*	*	*	*	*	*
46.79 . . . . .	*5	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	—	*	—	*	—	—	—	—	*	—
Inpatient . . . . .	*5	*	*	*	*	*	*	*	*	*	*
46.8 . . . . .	22	11	11	*	*	*	13	*	*7	*8	*
Ambulatory . . . . .	*	*	*	—	*	*	*	*	*	*	*
Inpatient . . . . .	16	*9	*7	*	*	*	*10	*	*	*7	*
46.81 . . . . .	*7	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	—	—	—	—	—	—	—	—	—	—	—
Inpatient . . . . .	*7	*	*	*	*	*	*	*	*	*	*
46.85 . . . . .	13	*7	*6	*	*	*	*9	*	*6	*	*
Ambulatory . . . . .	*	*	*	—	*	*	*	*	*	*	*
Inpatient . . . . .	*7	*	*	*	*	*	*6	*	*	*	*
47 . . . . .	347	176	171	75	187	57	27	66	88	106	88
Ambulatory . . . . .	*20	*13	*	*	*12	*	*	*	*	*	*
Inpatient . . . . .	328	163	165	71	176	53	27	59	82	102	85
47.0 . . . . .	281	158	122	67	155	40	18	53	66	83	78
Ambulatory . . . . .	*18	*13	*	*	*11	*	*	*	*	*	*
Inpatient . . . . .	263	146	117	64	144	36	18	47	61	80	75
47.1 . . . . .	65	16	48	*6	32	17	*9	12	21	22	*10
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	—
Inpatient . . . . .	63	16	47	*6	31	17	*9	12	20	21	*10
48 . . . . .	289	146	143	*8	73	82	126	64	76	86	64
Ambulatory . . . . .	171	85	86	*	47	58	63	29	47	53	41
Inpatient . . . . .	118	61	57	*5	26	24	63	35	29	32	22
48.2 . . . . .	132	69	63	*	38	38	52	25	37	45	24
Ambulatory . . . . .	87	44	43	*	28	30	28	*12	25	34	*16
Inpatient . . . . .	45	25	20	*	10	*8	24	13	12	11	*8
48.23 . . . . .	88	46	42	*	28	28	31	17	23	32	16
Ambulatory . . . . .	64	31	33	*	21	23	*19	*	*17	27	*11
Inpatient . . . . .	24	15	*9	*	*7	*	12	*8	*5	*6	*5
48.24 . . . . .	41	21	20	*	10	*10	19	*8	14	12	*7
Ambulatory . . . . .	24	*13	*11	*	*	*	*	*	*	*	*
Inpatient . . . . .	17	*8	*9	*	*	*	10	*	*6	*	*

\* Figure does not meet standard of reliability or precision.  
 — Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
48.3 . . . . .	80	37	43	*	13	26	40	22	22	18	18
Ambulatory . . . . .	63	29	34	*	*11	23	29	*16	*18	*14	*15
Inpatient . . . . .	17	*9	*9	*	*	*	11	*6	*	*	*
48.35 . . . . .	11	*	*7	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
48.36 . . . . .	64	30	34	*	*9	23	32	18	19	14	13
Ambulatory . . . . .	51	23	28	*	*	*20	24	*14	*15	*11	*11
Inpatient . . . . .	13	*7	*6	*	*	*	*8	*	*	*	*
48.5 . . . . .	10	*	*5	-	*	*	*5	*	*	*	*
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	10	*	*5	-	*	*	*5	*	*	*	*
48.6 . . . . .	26	12	14	*	*5	*6	16	*8	*5	*7	*6
Ambulatory . . . . .	*	*	*	-	*	*	*	*	*	-	*
Inpatient . . . . .	24	10	14	*	*	*5	14	*8	*	*7	*5
48.63 . . . . .	15	*7	*8	-	*	*	*10	*6	*	*	*
Ambulatory . . . . .	*	*	-	-	-	*	-	*	-	-	-
Inpatient . . . . .	15	*6	*8	-	*	*	*10	*6	*	*	*
48.69 . . . . .	*9	*	*5	-	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	-	-	*	*	-	*	-	*
Inpatient . . . . .	*7	*	*	-	*	*	*	*	*	*	*
48.7 . . . . .	15	*8	*7	*	*	*	*7	*	*	*	*7
Ambulatory . . . . .	*	*	*	-	*	*	*	*	*	*	*
Inpatient . . . . .	*6	*	*	*	*	*	*	*	*	*	*
48.79 . . . . .	*5	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	-	-	*	*	*	*	-	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
48.8 . . . . .	18	12	*6	*	*9	*5	*	*	*	*6	*5
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	11	*8	*	*	*	*	*	*	*	*	*
48.81 . . . . .	16	12	*	*	*8	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	10	*8	*	*	*	*	*	*	*	*	*
49 . . . . .	319	185	134	*8	152	107	53	53	89	105	73
Ambulatory . . . . .	263	152	111	*	127	88	42	43	72	86	62
Inpatient . . . . .	57	34	23	*	25	19	10	*9	17	19	12
49.0 . . . . .	20	13	*7	*	11	*6	*	*	*8	*6	*
Ambulatory . . . . .	*11	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*9	*6	*	*	*	*	*	*	*	*	*
49.01 . . . . .	*10	*8	*	*	*6	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	-	*	*	*	*	*
Inpatient . . . . .	*6	*5	*	*	*	*	*	*	*	*	*
49.03 . . . . .	*5	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	-
49.1 . . . . .	41	32	*9	*	24	11	*	*6	*9	11	14
Ambulatory . . . . .	36	28	*	*	21	*	*	*	*	*	*13
Inpatient . . . . .	*	*	*	-	*	*	*	*	*	*	*
49.11 . . . . .	19	15	*	*	11	*	*	*	*5	*5	*
Ambulatory . . . . .	*16	*13	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	-	*	*	*	*	*	*	*
49.12 . . . . .	22	17	*6	*	13	*7	*	*	*	*6	*9
Ambulatory . . . . .	*20	*15	*	*	*12	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	-	*	*	*	*	*	*	*
49.2 . . . . .	23	12	11	*	*9	*7	*6	*	*7	*9	*
Ambulatory . . . . .	*17	*	*10	*	*	*	*	*	*	*	*
Inpatient . . . . .	*6	*5	*	*	*	*	*	*	*	*	*
49.21 . . . . .	18	*9	*9	*	*6	*7	*	*	*5	*7	*
Ambulatory . . . . .	*12	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*6	*5	*	*	*	*	*	*	*	*	*

\* Figure does not meet standard of reliability or precision.  
 - Quantity zero.



**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
49.3 . . . . .	50	29	21	*	24	16	*8	*6	15	15	14
Ambulatory . . . . .	45	27	*17	*	23	*14	*	*	*13	*14	*13
Inpatient . . . . .	*6	*	*	*	*	*	*	*	*	*	*
49.31 . . . . .	33	20	12	*	17	*10	*	*	*8	11	*10
Ambulatory . . . . .	31	*20	*11	*	*17	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	—	*	*	*	*	*	*	*
49.39 . . . . .	18	*9	*9	*	*7	*7	*	*	*7	*	*
Ambulatory . . . . .	*13	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
49.4 . . . . .	126	68	58	*	54	49	23	25	35	41	25
Ambulatory . . . . .	105	56	49	*	44	42	*19	21	29	34	21
Inpatient . . . . .	21	12	*9	*	10	*7	*	*	*7	*7	*
49.45 . . . . .	11	*6	*	—	*6	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	—	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	—	*	*	*	*	*	*	*
49.46 . . . . .	107	58	50	*	46	43	18	22	29	33	23
Ambulatory . . . . .	91	49	43	*	38	37	*16	*19	24	28	*20
Inpatient . . . . .	16	*9	*7	*	*8	*6	*	*	*	*	*
49.5 . . . . .	41	22	18	*	22	12	*6	*5	*10	16	10
Ambulatory . . . . .	38	21	*17	*	21	*11	*	*	*	*15	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
49.51 . . . . .	17	11	*7	—	12	*	*	*	*	*9	*
Ambulatory . . . . .	*16	*10	*	—	*11	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	—	*	*	*	*	*	*	*
49.59 . . . . .	20	10	10	*	*10	*8	*	*	*	*6	*6
Ambulatory . . . . .	*19	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	—	*	*	*	*	*	*	*
49.7 . . . . .	14	*7	*7	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
49.79 . . . . .	12	*5	*7	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
50 . . . . .	178	82	96	*8	48	61	60	44	31	63	40
Ambulatory . . . . .	65	29	36	*	26	25	*14	*16	*	23	*18
Inpatient . . . . .	112	53	60	*8	21	37	46	28	23	40	22
50.1 . . . . .	146	68	78	*5	38	49	53	35	26	53	32
Ambulatory . . . . .	64	29	35	*	26	25	*14	*16	*	23	*18
Inpatient . . . . .	82	39	43	*5	12	24	40	19	18	30	14
50.11 . . . . .	115	55	60	*	35	38	39	30	20	39	26
Ambulatory . . . . .	61	29	32	*	26	22	*14	*16	*	21	*17
Inpatient . . . . .	53	26	28	*	*9	16	25	14	12	17	*9
50.12 . . . . .	31	13	18	*	*	11	15	*	*7	15	*6
Ambulatory . . . . .	*	*	*	—	*	*	*	—	*	*	*
Inpatient . . . . .	28	13	15	*	*	*8	14	*	*6	13	*
50.2 . . . . .	*7	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	—	*	—	*	—	—	—	*	—	—
Inpatient . . . . .	*6	*	*	*	*	*	*	*	*	*	*
50.6 . . . . .	*7	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	—	—	—	—	—	—	—	—	—	—	—
Inpatient . . . . .	*7	*	*	*	*	*	*	*	*	*	*
50.61 . . . . .	*6	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	—	—	—	—	—	—	—	—	—	—	—
Inpatient . . . . .	*6	*	*	*	*	*	*	*	*	*	*
50.9 . . . . .	*9	*	*6	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	—	*	—	—	—	*	—	—	—	*
Inpatient . . . . .	*8	*	*6	*	*	*8	*	*	*	*	*
50.91 . . . . .	*7	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	—	*	—	—	—	*	—	—	—	*
Inpatient . . . . .	*7	*	*	*	*	*	*	*	*	*	*

\* Figure does not meet standard of reliability or precision.  
 — Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
51 . . . . .	1,130	349	780	*9	378	356	388	226	278	391	235
Ambulatory . . . . .	437	106	331	*	182	150	102	62	126	153	97
Inpatient . . . . .	693	244	449	*7	196	205	285	164	152	239	138
51.1 . . . . .	154	59	95	*	47	37	70	33	38	43	40
Ambulatory . . . . .	76	25	50	*	25	*18	32	*13	21	20	22
Inpatient . . . . .	78	34	45	*	22	19	38	20	17	23	18
51.10 . . . . .	131	51	80	*	38	32	60	29	33	36	32
Ambulatory . . . . .	64	22	43	*	*20	*15	29	*11	*19	*17	*17
Inpatient . . . . .	67	29	38	*	18	17	31	18	15	19	16
51.11 . . . . .	11	*	*7	—	*5	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	—	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	—	*	*	*	*	*	*	*
51.14 . . . . .	*8	*	*	—	*	*	*6	*	*	*	*
Ambulatory . . . . .	*	*	*	—	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	—	*	*	*	*	*	*	*
51.2 . . . . .	770	210	561	*6	289	267	209	157	191	273	150
Ambulatory . . . . .	322	67	255	*	152	120	48	45	94	122	62
Inpatient . . . . .	448	142	306	*	136	147	160	112	97	151	88
51.22 . . . . .	143	62	81	*	28	42	71	29	34	48	31
Ambulatory . . . . .	*	*	*	—	*	—	—	—	—	*	—
Inpatient . . . . .	142	61	80	*	27	42	71	29	34	47	31
51.23 . . . . .	628	148	480	*	260	225	138	128	157	225	119
Ambulatory . . . . .	321	67	254	*	151	120	48	45	94	121	62
Inpatient . . . . .	307	81	226	*	109	105	90	83	63	104	57
51.3 . . . . .	13	*	*8	*	*	*	*7	*	*	*5	*
Ambulatory . . . . .	—	—	—	—	—	—	—	—	—	—	—
Inpatient . . . . .	13	*	*8	*	*	*	*7	*	*	*5	*
51.32 . . . . .	*5	*	*	—	*	*	*	*	*	*	*
Ambulatory . . . . .	—	—	—	—	—	—	—	—	—	—	—
Inpatient . . . . .	*5	*	*	—	*	*	*	*	*	*	*
51.36 . . . . .	*6	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	—	—	—	—	—	—	—	—	—	—	—
Inpatient . . . . .	*6	*	*	*	*	*	*	*	*	*	*
51.4 . . . . .	21	*6	15	*	*5	*	11	*	*6	*8	*
Ambulatory . . . . .	—	—	—	—	—	—	—	—	—	—	—
Inpatient . . . . .	21	*6	15	*	*5	*	11	*	*6	*8	*
51.41 . . . . .	15	*	11	*	*	*	*8	*	*	*7	*
Ambulatory . . . . .	—	—	—	—	—	—	—	—	—	—	—
Inpatient . . . . .	15	*	11	*	*	*	*8	*	*	*7	*
51.5 . . . . .	11	*6	*5	*	*	*	*8	*	*	*	*
Ambulatory . . . . .	*	—	*	—	—	—	*	—	*	—	—
Inpatient . . . . .	11	*6	*5	*	*	*	*8	*	*	*	*
51.51 . . . . .	11	*6	*	*	*	*	*8	*	*	*	*
Ambulatory . . . . .	*	—	*	—	—	—	*	—	*	—	—
Inpatient . . . . .	11	*6	*	*	*	*	*8	*	*	*	*
51.8 . . . . .	140	55	84	*	31	38	70	24	35	48	32
Ambulatory . . . . .	36	*12	24	*	*	*11	*20	*	*	*10	*13
Inpatient . . . . .	104	43	60	*	27	26	50	20	25	38	20
51.84 . . . . .	*8	*	*	—	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	—	*	*	*	*	*	*	*
Inpatient . . . . .	*5	*	*	—	*	*	*	*	*	*	*
51.85 . . . . .	66	24	42	*	18	17	31	10	16	24	16
Ambulatory . . . . .	*18	*	*12	*	*	*	*	*	*	*	*
Inpatient . . . . .	48	18	30	*	14	12	22	*9	11	19	*9
51.87 . . . . .	26	12	15	*	*	*6	16	*	*6	*9	*7
Ambulatory . . . . .	*	*	*	—	*	*	*	*	*	*	*
Inpatient . . . . .	19	*9	*10	*	*	*	12	*	*	*6	*
51.88 . . . . .	34	12	22	*	*7	*9	18	*6	*10	12	*6
Ambulatory . . . . .	*	*	*	—	*	*	*	*	*	*	*
Inpatient . . . . .	26	*10	16	*	*7	*6	13	*6	*6	10	*

\* Figure does not meet standard of reliability or precision.  
 — Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
51.9 . . . . .	13	*6	*8	—	*	*	10	*	*	*5	*
Ambulatory . . . . .	*	*	*	—	*	*	*	*	*	*	*
Inpatient . . . . .	11	*	*6	—	*	*	*8	*	*	*	*
51.98 . . . . .	*8	*	*	—	*	*	*6	*	*	*	*
Ambulatory . . . . .	*	*	*	—	*	*	*	—	*	*	—
Inpatient . . . . .	*8	*	*	—	*	*	*6	*	*	*	*
52 . . . . .	46	22	24	*	15	*10	21	*8	*8	18	12
Ambulatory . . . . .	*12	*	*	—	*	*	*	*	*	*	*
Inpatient . . . . .	34	17	17	*	*10	*8	16	*8	*7	11	*8
52.1 . . . . .	14	*6	*8	—	*	*	*10	*	*	*	*
Ambulatory . . . . .	*	*	*	—	*	*	*	—	*	*	*
Inpatient . . . . .	10	*	*6	—	*	*	*8	*	*	*	*
52.11 . . . . .	*9	*	*5	—	*	*	*7	*	*	*	*
Ambulatory . . . . .	*	*	*	—	*	*	*	—	*	*	*
Inpatient . . . . .	*7	*	*	—	*	*	*6	*	*	*	*
52.9 . . . . .	18	*9	*9	*	*8	*	*7	*	*	*10	*
Ambulatory . . . . .	*	*	*	—	*	*	*	—	—	*	*
Inpatient . . . . .	10	*5	*	*	*	*	*	*	*	*	*
52.93 . . . . .	14	*7	*7	—	*6	*	*6	*	*	*9	*
Ambulatory . . . . .	*	*	*	—	*	*	*	—	—	*	*
Inpatient . . . . .	*7	*	*	—	*	*	*	*	*	*	*
53 . . . . .	987	720	268	115	284	290	298	231	247	287	223
Ambulatory . . . . .	758	603	155	100	243	226	188	165	192	213	188
Inpatient . . . . .	229	117	112	15	40	65	110	65	55	74	35
53.0 . . . . .	520	460	60	60	158	138	163	125	122	148	124
Ambulatory . . . . .	458	409	48	55	148	126	129	104	111	130	113
Inpatient . . . . .	62	50	12	*6	10	12	34	21	11	18	11
53.00 . . . . .	215	188	27	43	59	52	61	49	51	63	51
Ambulatory . . . . .	202	177	25	41	58	50	53	46	49	57	50
Inpatient . . . . .	13	10	*	*	*	*	*8	*	*	*7	*
53.01 . . . . .	33	29	*	*	*9	*10	13	*8	11	*9	*5
Ambulatory . . . . .	24	22	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*8	*7	*	*	*	*	*5	*	*	*	*
53.02 . . . . .	64	51	13	16	21	15	12	18	*9	20	16
Ambulatory . . . . .	51	42	*	*13	*17	*12	*	*14	*	*16	*13
Inpatient . . . . .	13	*9	*	*	*	*	*	*	*	*	*
53.03 . . . . .	62	58	*	*	22	19	21	16	13	17	16
Ambulatory . . . . .	50	47	*	—	*20	*16	*15	*11	*11	*14	*14
Inpatient . . . . .	12	11	*	*	*	*	*6	*5	*	*	*
53.04 . . . . .	52	46	*6	*	19	12	21	12	12	18	11
Ambulatory . . . . .	44	40	*	*	*18	*11	*15	*	*	*16	*
Inpatient . . . . .	*8	*7	*	—	*	*	*6	*	*	*	*
53.05 . . . . .	94	88	*6	*	28	32	35	23	25	21	25
Ambulatory . . . . .	87	82	*	*	26	30	30	21	23	*19	23
Inpatient . . . . .	*8	*6	*	*	*	*	*	*	*	*	*
53.1 . . . . .	89	81	*7	26	18	22	23	17	24	25	23
Ambulatory . . . . .	73	68	*	20	*17	*20	*17	*11	21	*20	22
Inpatient . . . . .	15	13	*	*6	*	*	*6	*6	*	*5	*
53.10 . . . . .	42	38	*	17	*9	*7	*8	*8	11	11	12
Ambulatory . . . . .	40	36	*	*16	*	*	*	*	*11	*	*12
Inpatient . . . . .	*	*	*	*	—	*	*	*	*	*	*
53.12 . . . . .	11	*9	*	*8	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*5	*	*	*	*	—	*	*	*	*	*
53.14 . . . . .	12	12	—	—	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	—	—	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	—	—	*	*	*	*	*	*	—
53.16 . . . . .	*6	*5	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	—	*	*	*	—	*	*	*
Inpatient . . . . .	*	*	—	*	*	*	*	*	*	*	*

\* Figure does not meet standard of reliability or precision.  
 — Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
53.17 . . . . .	*9	*8	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	-	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
53.2 . . . . .	24	*7	17	*	*8	*	11	11	*	*	*
Ambulatory . . . . .	*19	*	*12	*	*	*	*	*	*	*	*
Inpatient . . . . .	*6	*	*	-	*	*	*	*	*	*	*
53.21 . . . . .	*8	*	*7	-	*	*	*5	*	*	*	*
Ambulatory . . . . .	*	*	*	-	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	-	*	*	*	*	*	*	*
53.29 . . . . .	16	*6	10	*	*7	*	*6	*7	*	*	*
Ambulatory . . . . .	*13	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	-	*	*	*	*	*	*	*
53.4 . . . . .	167	95	72	21	54	59	32	36	41	51	37
Ambulatory . . . . .	120	78	42	20	44	40	*16	25	29	36	30
Inpatient . . . . .	46	17	30	*	10	19	16	12	12	15	*7
53.41 . . . . .	23	16	*8	*	*9	*8	*	*6	*9	*6	*
Ambulatory . . . . .	*18	*13	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	-	*	*	*	*	*	*	*
53.49 . . . . .	143	79	64	20	46	50	27	31	33	46	34
Ambulatory . . . . .	102	65	37	*19	36	34	*13	21	22	31	27
Inpatient . . . . .	42	15	27	*	*10	16	14	*9	10	15	*7
53.5 . . . . .	103	39	64	*	30	33	35	19	32	34	18
Ambulatory . . . . .	56	24	32	*	*18	21	*12	*	*19	*16	*11
Inpatient . . . . .	47	15	32	*	12	12	23	*10	13	18	*7
53.51 . . . . .	49	16	33	*	11	17	19	10	14	18	*7
Ambulatory . . . . .	21	*	*14	*	*	*10	*	*	*	*	*
Inpatient . . . . .	27	*8	19	*	*6	*7	14	*6	*7	11	*
53.59 . . . . .	55	24	31	*	18	16	16	*9	18	16	11
Ambulatory . . . . .	35	*17	*18	*	*13	*11	*	*	*12	*	*
Inpatient . . . . .	20	*7	13	*	*6	*	*9	*	*6	*7	*
53.6 . . . . .	70	30	40	*	12	30	27	17	19	20	14
Ambulatory . . . . .	29	*15	*14	*	*	*13	*	*	*	*	*
Inpatient . . . . .	41	16	25	*	*	16	20	11	11	13	*6
53.61 . . . . .	48	20	28	*	*6	22	20	12	13	13	*10
Ambulatory . . . . .	*18	*	*11	-	*	*10	*	*	*	*	*
Inpatient . . . . .	29	12	17	*	*	12	14	*9	*8	*8	*
53.69 . . . . .	22	10	12	*	*6	*8	*8	*	*6	*7	*
Ambulatory . . . . .	*10	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	12	*	*8	-	*	*	*6	*	*	*5	*
53.7 . . . . .	*6	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	-	-	*	-	*	*	*	-	*
Inpatient . . . . .	*6	*	*	*	*	*	*	*	*	*	*
53.9 . . . . .	*7	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
54 . . . . .	1,499	351	1,148	41	828	345	285	305	373	535	286
Ambulatory . . . . .	661	95	566	*14	493	109	44	127	164	253	118
Inpatient . . . . .	838	255	582	27	335	235	240	178	209	282	168
54.0 . . . . .	31	20	11	*6	*8	*8	*9	*8	*8	10	*
Ambulatory . . . . .	*15	*11	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	16	*9	*8	*	*	*	*6	*	*	*	*
54.1 . . . . .	61	24	36	*	21	13	23	15	18	15	13
Ambulatory . . . . .	*	*	*	*	*	*	-	*	*	*	-
Inpatient . . . . .	60	24	36	*	21	13	23	15	18	15	13
54.11 . . . . .	38	17	21	*	14	*9	14	*10	12	*7	*9
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	38	17	21	*	14	*9	14	*10	12	*7	*9
54.12 . . . . .	*5	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	*5	*	*	*	*	*	*	*	*	*	*

\* Figure does not meet standard of reliability or precision.  
 - Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
54.19 . . . . .	18	*6	12	*	*6	*	*7	*	*	*6	*
Ambulatory . . . . .	*	*	*	*	*	*	-	*	*	*	-
Inpatient . . . . .	17	*5	12	*	*6	*	*7	*	*	*6	*
54.2 . . . . .	621	98	523	12	442	107	59	126	147	230	119
Ambulatory . . . . .	445	57	388	*	349	67	23	89	105	175	76
Inpatient . . . . .	176	42	134	*	94	41	37	37	42	55	42
54.21 . . . . .	545	77	468	11	415	89	30	110	128	203	104
Ambulatory . . . . .	422	55	367	*	334	63	*18	85	100	164	73
Inpatient . . . . .	124	22	101	*	81	26	12	25	28	39	32
54.23 . . . . .	39	*9	30	*	15	*9	15	*8	10	13	*7
Ambulatory . . . . .	*12	*	*12	-	*	*	*	*	*	*	*
Inpatient . . . . .	27	*9	18	*	*	*8	13	*6	*8	*7	*6
54.24 . . . . .	12	*	*8	-	*	*	*5	*	*	*5	*
Ambulatory . . . . .	*	*	*	-	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	-	*	*	*	*	*	*	*
54.25 . . . . .	20	*6	14	*	*8	*5	*7	*	*6	*6	*
Ambulatory . . . . .	*	-	*	-	*	*	*	-	*	*	*
Inpatient . . . . .	17	*6	11	*	*7	*	*6	*	*	*5	*
54.3 . . . . .	34	10	24	*	14	*8	10	*8	*8	12	*7
Ambulatory . . . . .	*18	*	*11	*	*	*	*	*	*	*	*
Inpatient . . . . .	16	*	12	*	*6	*	*6	*	*	*6	*
54.4 . . . . .	63	11	52	*	25	21	15	13	19	19	12
Ambulatory . . . . .	*13	*	*11	*	*	*	*	*	*	*	*
Inpatient . . . . .	50	*9	41	*	16	19	14	12	12	14	11
54.5 . . . . .	474	74	400	*5	262	103	104	90	120	185	78
Ambulatory . . . . .	136	*	130	*	113	*19	*	24	35	52	25
Inpatient . . . . .	338	69	269	*	149	84	101	66	85	134	53
54.6 . . . . .	10	*6	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*9	*5	*	*	*	*	*	*	*	*	*
54.61 . . . . .	*7	*	*	-	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	-	*	*	*	*	*	*	*
Inpatient . . . . .	*6	*	*	*	*	*	*	*	*	*	*
54.7 . . . . .	10	*5	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	-	*	*	*	*
Inpatient . . . . .	*9	*5	*	*	*	*	*	*	*	*	*
54.9 . . . . .	195	101	94	11	48	77	59	40	49	56	49
Ambulatory . . . . .	32	*12	*19	*	*	*12	*10	*	*	*	*
Inpatient . . . . .	163	89	75	10	39	65	49	36	40	48	40
54.91 . . . . .	108	56	52	*	25	46	36	24	25	34	25
Ambulatory . . . . .	*16	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	92	49	43	*	22	38	29	21	21	30	20
54.93 . . . . .	21	*9	12	*	*6	*6	*7	*	*7	*5	*5
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	12	*6	*6	*	*	*	*	*	*	*	*
54.95 . . . . .	17	11	*6	*6	*6	*	*	*	*	*6	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	15	11	*	*6	*	*	*	*	*	*	*
54.98 . . . . .	38	19	18	*	*9	16	12	*8	12	*7	11
Ambulatory . . . . .	*	*	*	-	-	*	*	-	-	-	*
Inpatient . . . . .	37	19	18	*	*9	16	11	*8	12	*7	11
55-59 . . . . .	2,448	1,386	1,063	108	556	725	1,059	627	630	824	367
Ambulatory . . . . .	1,432	875	557	73	311	427	621	371	396	481	184
Inpatient . . . . .	1,016	510	506	34	245	298	439	257	234	343	183
55 . . . . .	147	75	72	*9	50	51	37	38	27	54	27
Ambulatory . . . . .	*20	*	*10	*	*	*	*	*	*	*	*
Inpatient . . . . .	127	66	61	*8	40	46	32	34	22	48	23
55.0 . . . . .	26	11	15	*	*10	*8	*8	*8	*	*9	*5
Ambulatory . . . . .	*	*	*	-	*	*	-	*	*	*	*
Inpatient . . . . .	25	10	14	*	*9	*7	*8	*7	*	*8	*5

\* Figure does not meet standard of reliability or precision.  
- Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
55.03 . . . . .	15	*7	*9	*	*	*	*6	*5	*	*	*
Ambulatory . . . . .	*	*	*	—	*	*	—	*	—	*	—
Inpatient . . . . .	15	*7	*8	*	*	*	*6	*	*	*	*8
55.2 . . . . .	38	20	18	*	20	11	*5	*9	*6	15	*8
Ambulatory . . . . .	*11	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	28	16	12	*	13	*9	*	*8	*	12	*
55.23 . . . . .	29	17	12	*	15	*8	*	*9	*	12	*6
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	24	13	10	*	12	*7	*	*8	*	11	*
55.5 . . . . .	39	23	17	*	*8	14	15	*9	*7	15	*8
Ambulatory . . . . .	*	*	*	—	*	*	—	—	*	—	—
Inpatient . . . . .	39	22	16	*	*8	14	15	*9	*7	15	*8
55.51 . . . . .	36	20	16	*	*7	12	15	*8	*7	14	*7
Ambulatory . . . . .	—	—	—	—	—	—	—	—	—	—	—
Inpatient . . . . .	36	20	16	*	*7	12	15	*8	*7	14	*7
55.6 . . . . .	15	*8	*7	*	*5	*9	*	*	*	*6	*
Ambulatory . . . . .	—	—	—	—	—	—	—	—	—	—	—
Inpatient . . . . .	15	*8	*7	*	*5	*9	*	*	*	*6	*
55.69 . . . . .	15	*8	*7	*	*5	*9	*	*	*	*6	*
Ambulatory . . . . .	—	—	—	—	—	—	—	—	—	—	—
Inpatient . . . . .	15	*8	*7	*	*5	*9	*	*	*	*6	*
55.8 . . . . .	*9	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	—	*	—	—	—	*	—	—	—
Inpatient . . . . .	*9	*	*	*	*	*	*	*	*	*	*
55.87 . . . . .	*8	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	—	*	—	—	—	*	—	—	—
Inpatient . . . . .	*8	*	*	*	*	*	*	*	*	*	*
55.9 . . . . .	*10	*	*6	*	*	*	*5	*	*	*	*
Ambulatory . . . . .	*	*	*	—	*	*	*	*	*	*	*
Inpatient . . . . .	*5	*	*	*	*	*	*	*	*	*	*
55.93 . . . . .	*7	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	—	*	*	*	—	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
56 . . . . .	216	134	81	10	81	76	48	48	42	87	39
Ambulatory . . . . .	110	71	39	*	45	41	23	23	*20	45	22
Inpatient . . . . .	106	63	43	*9	36	35	25	25	22	41	17
56.0 . . . . .	101	69	31	*	44	38	18	16	19	48	18
Ambulatory . . . . .	58	41	*17	*	25	23	*10	*	*	29	*12
Inpatient . . . . .	42	28	14	—	19	15	*8	*7	10	19	*6
56.2 . . . . .	10	*6	*	*	*	*5	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*6	*	*	*	*	*	*	*	*	*	*
56.3 . . . . .	68	41	26	*	28	22	17	17	11	26	13
Ambulatory . . . . .	42	26	*16	*	*18	*13	*12	*11	*	*15	*
Inpatient . . . . .	26	16	10	—	11	*10	*6	*6	*	11	*
56.31 . . . . .	61	38	23	*	26	20	15	16	*10	23	12
Ambulatory . . . . .	38	24	*14	*	*16	*12	*10	*10	*	*13	*
Inpatient . . . . .	23	14	*9	—	10	*8	*	*5	*	10	*
56.4 . . . . .	*7	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
56.41 . . . . .	*7	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
56.5 . . . . .	*9	*6	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	—	—	*	*	—	—	*	—
Inpatient . . . . .	*9	*6	*	*	*	*	*	*	*	*	*
56.51 . . . . .	*8	*6	*	—	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	—	—	*	*	—	—	*	—
Inpatient . . . . .	*8	*6	*	—	*	*	*	*	*	*	*

\* Figure does not meet standard of reliability or precision.  
 — Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD–9–CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD–9–CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD–9–CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15–44 years	45–64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
56.7 . . . . .	15	*5	10	*8	*	*	*	*5	*	*	*
Ambulatory . . . . .	*	*	–	*	–	–	–	–	–	–	*
Inpatient . . . . .	15	*5	10	*8	*	*	*	*5	*	*	*
56.74 . . . . .	14	*	*9	*7	*	*	*	*	*	*	*
Ambulatory . . . . .	–	–	–	–	–	–	–	–	–	–	–
Inpatient . . . . .	14	*	*9	*7	*	*	*	*	*	*	*
57 . . . . .	1,450	873	577	42	253	391	765	406	397	458	190
Ambulatory . . . . .	947	588	359	30	164	273	480	266	273	306	102
Inpatient . . . . .	503	285	218	12	88	118	285	140	124	152	88
57.0 . . . . .	47	37	*10	*	*9	13	25	19	13	*9	*6
Ambulatory . . . . .	26	23	*	–	*	*	*12	*12	*	*	*
Inpatient . . . . .	21	15	*6	*	*	*6	13	*7	*8	*	*
57.1 . . . . .	53	22	30	*	12	13	26	*8	12	23	*9
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	43	16	28	*	10	11	20	*8	*9	19	*7
57.17 . . . . .	22	*8	14	*	*5	*6	*10	*	*	*9	*6
Ambulatory . . . . .	*	*	*	*	*	*	*	–	*	*	*
Inpatient . . . . .	16	*	12	*	*	*6	*6	*	*	*6	*
57.18 . . . . .	21	*9	12	*	*6	*5	10	*	*	10	*
Ambulatory . . . . .	*	*	*	–	*	*	*	–	*	*	–
Inpatient . . . . .	20	*8	12	*	*5	*	*9	*	*	*9	*
57.19 . . . . .	*8	*	*	*	*	*	*5	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*7	*	*	*	*	*	*	*	*	*	*
57.3 . . . . .	918	557	362	31	174	256	458	241	277	309	92
Ambulatory . . . . .	709	426	282	26	138	206	339	187	217	242	64
Inpatient . . . . .	210	130	79	*5	36	49	119	54	61	68	28
57.32 . . . . .	813	501	313	30	162	226	395	209	253	274	77
Ambulatory . . . . .	624	382	242	26	129	182	287	160	196	214	55
Inpatient . . . . .	189	118	71	*	33	43	108	48	58	61	23
57.33 . . . . .	97	50	46	*	*10	28	59	31	23	30	13
Ambulatory . . . . .	79	40	39	*	*	23	48	26	20	23	*
Inpatient . . . . .	18	10	*7	*	*	*5	10	*	*	*6	*
57.39 . . . . .	*6	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	–	–	–	–	–	–	–	–	–	–	–
57.4 . . . . .	214	142	72	*	13	53	146	69	48	64	33
Ambulatory . . . . .	153	95	58	*	*11	43	98	50	36	44	23
Inpatient . . . . .	60	47	14	*	*	11	48	19	12	20	*9
57.49 . . . . .	214	142	72	*	13	53	146	69	48	64	33
Ambulatory . . . . .	153	95	58	*	*11	43	98	50	36	44	23
Inpatient . . . . .	60	47	14	*	*	11	48	19	12	20	*9
57.7 . . . . .	*9	*7	*	–	*	*	*5	*	*	*	*
Ambulatory . . . . .	–	–	–	–	–	–	–	–	–	–	–
Inpatient . . . . .	*9	*7	*	–	*	*	*5	*	*	*	*
57.71 . . . . .	*8	*6	*	–	*	*	*	*	*	*	*
Ambulatory . . . . .	–	–	–	–	–	–	–	–	–	–	–
Inpatient . . . . .	*8	*6	*	–	*	*	*	*	*	*	*
57.8 . . . . .	30	*5	25	*	11	11	*7	*8	*8	*9	*5
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	25	*	20	*	*10	*7	*6	*7	*6	*8	*
57.81 . . . . .	*9	*	*8	–	*6	*	*	*	*	*	*
Ambulatory . . . . .	–	–	–	–	–	–	–	–	–	–	–
Inpatient . . . . .	*9	*	*8	–	*6	*	*	*	*	*	*
57.89 . . . . .	13	*	13	*	*	*6	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*9	*	*9	*	*	*	*	*	*	*	*
57.9 . . . . .	169	96	72	*	32	40	93	56	36	38	39
Ambulatory . . . . .	43	36	*	*	*	*11	25	*15	*11	*10	*
Inpatient . . . . .	126	60	65	*	28	29	68	41	24	28	33

\* Figure does not meet standard of reliability or precision.  
– Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
57.91 . . . . .	18	18	*	*	*	*	14	*	*	*7	*
Ambulatory . . . . .	*10	*	*	*	-	*	*	*	*	*	*
Inpatient . . . . .	*8	*8	-	-	*	*	*6	*	*	*	*
57.92 . . . . .	*8	*8	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	-	-	-	*	*	*	*	*	*
57.94 . . . . .	136	66	71	*	31	31	70	46	30	28	33
Ambulatory . . . . .	24	*18	*	*	*	*	*12	*	*	*	*
Inpatient . . . . .	112	47	64	*	27	25	59	38	22	22	30
58 . . . . .	255	166	89	43	52	65	95	60	77	90	28
Ambulatory . . . . .	195	121	74	40	44	50	61	44	63	68	*19
Inpatient . . . . .	60	45	15	*	*8	15	34	16	14	21	*9
58.1 . . . . .	13	13	*	*9	*	*	*	*	*	*5	*
Ambulatory . . . . .	*11	*11	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	-	*	-	*	*	*	*	*	*
58.2 . . . . .	12	*9	*	*	*	*5	*	*6	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
58.23 . . . . .	*7	*6	*	-	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	-	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	-	*	*	*	*	*	*	*
58.3 . . . . .	15	*6	*9	*	*	*	*	*6	*	*	*
Ambulatory . . . . .	*10	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
58.31 . . . . .	*10	*6	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	-	*	*	*	*	*
58.39 . . . . .	*5	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	-
58.4 . . . . .	27	22	*6	15	*6	*	*	*10	*5	*6	*6
Ambulatory . . . . .	20	*17	*	*14	*	*	*	*	*	*	*
Inpatient . . . . .	*7	*	*	*	*	*	*	*	*	*	*
58.45 . . . . .	13	13	*	11	*	-	*	*	*	*	*
Ambulatory . . . . .	*11	*11	-	*10	*	-	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	-	*	*	*	*	*
58.49 . . . . .	*6	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
58.5 . . . . .	43	34	*9	*	12	11	19	11	11	17	*
Ambulatory . . . . .	33	25	*	*	*12	*	*11	*	*	*13	*
Inpatient . . . . .	11	*9	*	*	*	*	*7	*	*	*	*
58.6 . . . . .	135	74	61	15	26	37	57	25	50	51	*10
Ambulatory . . . . .	107	52	55	*15	24	29	39	*18	41	41	*
Inpatient . . . . .	29	22	*7	*	*	*8	18	*7	*9	*10	*
59 . . . . .	381	137	243	*	119	143	115	76	88	135	82
Ambulatory . . . . .	160	85	75	*	47	59	52	33	35	55	36
Inpatient . . . . .	220	52	169	*	72	84	63	42	52	80	46
59.0 . . . . .	10	*	*9	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	-	*	-	*	-	-	*	*	*	-
Inpatient . . . . .	*9	*	*7	*	*	*	*	*	*	*	*
59.02 . . . . .	*7	*	*7	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	-	*	-	*	-	-	-	-	*	-
Inpatient . . . . .	*6	*	*6	*	*	*	*	*	*	*	*
59.4 . . . . .	*9	-	*9	-	*	*	*	*	*	*	*
Ambulatory . . . . .	*	-	*	-	*	*	-	*	*	-	*
Inpatient . . . . .	*9	-	*9	-	*	*	*	*	*	*	*
59.5 . . . . .	42	*	42	*	15	20	*7	*	*8	19	10
Ambulatory . . . . .	*	*	*	-	*	*	*	*	*	*	*
Inpatient . . . . .	38	-	38	*	13	18	*6	*	*8	17	10

\* Figure does not meet standard of reliability or precision.  
 - Quantity zero.



**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
59.6 . . . . .	*6	*	*6	-	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	-	-	*	*	*	*	-	*
Inpatient . . . . .	*6	-	*6	-	*	*	*	*	*	*	*
59.7 . . . . .	83	11	71	*	14	37	31	12	21	30	19
Ambulatory . . . . .	32	*11	21	*	*	*13	*16	*	*	*12	*
Inpatient . . . . .	51	*	50	*	11	24	15	*6	13	19	13
59.72 . . . . .	28	11	17	*	*	11	14	*8	*7	*9	*
Ambulatory . . . . .	27	*10	*17	*	*	*11	*14	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	-	*	-
59.79 . . . . .	54	*	53	-	11	26	16	*	14	21	14
Ambulatory . . . . .	*	*	*	-	*	*	*	*	*	*	*
Inpatient . . . . .	49	-	49	-	11	23	14	*	13	18	13
59.8 . . . . .	218	118	100	*	83	71	63	49	51	74	44
Ambulatory . . . . .	117	72	45	*	41	42	32	24	24	39	30
Inpatient . . . . .	101	46	55	*	41	29	31	25	27	34	14
59.9 . . . . .	*9	*6	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	-	-	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
60-64 . . . . .	839	839	-	171	181	166	321	207	219	273	141
Ambulatory . . . . .	537	537	-	141	166	100	129	133	141	175	88
Inpatient . . . . .	302	302	-	29	15	66	192	74	78	97	53
60 . . . . .	321	321	-	-	*	82	236	66	90	110	56
Ambulatory . . . . .	99	99	-	-	*	30	67	*17	30	36	*16
Inpatient . . . . .	223	223	-	-	*	52	169	49	60	73	40
60.0 . . . . .	*6	*6	-	-	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	-	-	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	-	-	*	*	*	*	*	*	*
60.1 . . . . .	78	78	-	-	*	26	49	13	25	33	*7
Ambulatory . . . . .	63	63	-	-	*	23	38	*	21	27	*
Inpatient . . . . .	14	14	-	-	*	*	11	*	*	*6	*
60.11 . . . . .	77	77	-	-	*	26	49	12	25	33	*7
Ambulatory . . . . .	63	63	-	-	*	23	38	*	21	27	*
Inpatient . . . . .	14	14	-	-	*	*	11	*	*	*6	*
60.2 . . . . .	174	174	-	-	*	28	145	37	47	53	37
Ambulatory . . . . .	29	29	-	-	*	*	24	*	*	*	*10
Inpatient . . . . .	145	145	-	-	*	23	121	33	40	45	27
60.21 . . . . .	16	16	-	-	*	*	13	*5	*	*	*
Ambulatory . . . . .	*	*	-	-	-	*	*	*	*	*	*
Inpatient . . . . .	*9	*9	-	-	*	*	*8	*	*	*	*
60.29 . . . . .	158	158	-	-	*	26	132	32	43	51	33
Ambulatory . . . . .	23	23	-	-	*	*	*18	*	*	*	*
Inpatient . . . . .	136	136	-	-	*	22	113	29	39	43	25
60.5 . . . . .	48	48	-	-	*	23	25	*10	12	17	*10
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	48	48	-	-	*	23	25	*10	12	17	*10
61 . . . . .	25	25	-	-	*	11	*5	*	*8	*7	*
Ambulatory . . . . .	*16	*16	-	-	*	*	*	*	*	*	*
Inpatient . . . . .	*8	*8	-	-	*	*	*	*	*	*	*
61.0 . . . . .	11	11	-	-	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	-	-	*	*	*	*	*	*	*
Inpatient . . . . .	*5	*5	-	-	*	*	*	*	*	*	*
61.3 . . . . .	*7	*7	-	-	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	-	-	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	-	-	*	*	*	*	*	*	-
62 . . . . .	95	95	-	42	24	*8	21	19	23	33	20
Ambulatory . . . . .	78	78	-	37	20	*	*14	*13	*19	28	*18
Inpatient . . . . .	18	18	-	*	*	*	*7	*6	*	*	*
62.2 . . . . .	*5	*5	-	-	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	-	-	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	-	-	*	*	-	*	*	*	*

\* Figure does not meet standard of reliability or precision.  
- Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
62.3	25	25	-	*	13	*	*6	*7	*	*10	*5
Ambulatory	*19	*19	-	*	*11	*	*	*	*	*	*
Inpatient	*6	*6	-	*	*	*	*	*	*	*	*
62.4	16	16	-	*	*	*	14	*	*	*	*
Ambulatory	*11	*11	-	*	-	*	*	*	*	*	*
Inpatient	*5	*5	-	-	*	*	*	*	*	*	*
62.41	16	16	-	*	*	*	14	*	*	*	*
Ambulatory	*10	*10	-	*	-	*	*	*	*	*	*
Inpatient	*5	*5	-	-	*	*	*	*	*	*	*
62.5	40	40	-	35	*	*	*	*8	11	14	*7
Ambulatory	36	36	-	32	*	*	*	*	*	*14	*
Inpatient	*	*	-	*	*	*	-	*	*	*	*
63	193	193	-	21	114	34	24	71	52	45	25
Ambulatory	185	185	-	*20	111	32	22	67	51	43	24
Inpatient	*8	*8	-	*	*	*	*	*	*	*	*
63.1	74	74	-	20	25	13	15	27	18	18	11
Ambulatory	70	70	-	*18	24	*13	*14	25	*17	*17	*11
Inpatient	*	*	-	*	*	*	*	*	*	*	*
63.2	10	10	-	*	*	*	*	*	*	*	*
Ambulatory	*	*	-	*	*	*	*	*	*	*	*
Inpatient	*	*	-	*	*	*	*	*	-	-	*
63.3	23	23	-	*	*8	*9	*5	*	*7	*6	*6
Ambulatory	21	21	-	*	*	*	*	*	*	*	*
Inpatient	*	*	-	*	*	*	*	*	*	*	*
63.7	74	74	-	-	69	*	*	33	24	16	*
Ambulatory	73	73	-	-	69	*	*	33	23	*16	*
Inpatient	*	*	-	-	*	*	*	*	*	*	*
63.73	74	74	-	-	69	*	*	33	24	16	*
Ambulatory	73	73	-	-	69	*	*	33	23	*16	*
Inpatient	*	*	-	-	*	*	*	*	*	*	*
63.8	*5	*5	-	-	*	*	-	*	*	*	*
Ambulatory	*	*	-	-	*	*	-	*	*	*	*
Inpatient	-	-	-	-	-	-	-	-	-	-	-
64	205	205	-	104	28	37	36	43	47	78	37
Ambulatory	160	160	-	82	24	29	25	31	37	64	28
Inpatient	45	45	-	21	*	*8	11	12	*10	15	*9
64.0	142	142	-	92	15	13	21	28	28	59	26
Ambulatory	115	115	-	72	*13	*13	*17	21	22	52	21
Inpatient	27	27	-	20	*	*	*	*8	*6	*8	*5
64.2	15	15	-	*	*8	*	*	*	*	*	*
Ambulatory	*14	*14	-	*	*	*	*	*	*	*	*
Inpatient	*	*	-	-	*	*	*	*	*	*	*
64.4	*9	*9	-	*6	*	*	*	*	*	*	*
Ambulatory	*	*	-	*	*	*	*	*	*	*	*
Inpatient	*	*	-	*	*	*	*	*	*	*	*
64.9	33	33	-	*	*	16	11	*	11	12	*5
Ambulatory	*19	*19	-	*	*	*	*	*	*	*	*
Inpatient	13	13	-	*	*	*7	*	*	*	*5	*
64.93	*5	*5	-	*	*	*	*	*	*	*	*
Ambulatory	*	*	-	*	*	*	*	*	*	*	*
Inpatient	*	*	-	-	-	-	-	*	*	*	*
64.95	*7	*7	-	-	*	*	*	*	*	*	*
Ambulatory	*	*	-	-	-	*	*	*	*	*	*
Inpatient	*	*	-	-	*	*	*	*	*	*	-
64.97	14	14	-	-	*	*9	*	*	*	*6	*
Ambulatory	*	*	-	-	-	*	*	-	*	*	*
Inpatient	*8	*8	-	-	*	*	*	*	*	*	*
65-71	4,057	-	4,057	21	2,716	956	364	799	929	1,530	800
Ambulatory	1,962	-	1,962	*12	1,444	381	124	441	511	655	354
Inpatient	2,096	-	2,096	*9	1,272	575	240	358	418	875	446

\* Figure does not meet standard of reliability or precision.  
 - Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region				
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West	
Number of procedures in thousands												
65 . . . . .	708	—	708	*	397	242	65	125	161	269	153	
Ambulatory . . . . .	134	—	134	*	106	21	*	30	36	44	25	
Inpatient . . . . .	574	—	574	*	291	220	59	95	124	226	128	
65.0 . . . . .	10	—	10	*	*9	*	—	*	*	*	*	
Ambulatory . . . . .	*	—	*	—	*	*	—	*	*	*	*	
Inpatient . . . . .	*	—	*	*	*	*	—	*	*	*	*	
65.1 . . . . .	13	—	13	*	*9	*	*	*	*	*	*	
Ambulatory . . . . .	*	—	*	*	*	*	*	*	*	*	*	
Inpatient . . . . .	*	—	*	*	*	*	*	*	*	*	*	
65.12 . . . . .	11	—	11	*	*8	*	*	*	*	*	*	
Ambulatory . . . . .	*	—	*	—	*	*	—	*	*	*	*	
Inpatient . . . . .	*	—	*	*	*	*	*	*	*	*	*	
65.2 . . . . .	90	—	90	*	78	*8	*	22	21	30	17	
Ambulatory . . . . .	41	—	41	*	37	*	*	*10	*11	*13	*	
Inpatient . . . . .	48	—	48	*	41	*	*	12	*10	17	*10	
65.29 . . . . .	87	—	87	*	76	*8	*	22	19	29	17	
Ambulatory . . . . .	41	—	41	*	36	*	*	*10	*10	*13	*	
Inpatient . . . . .	46	—	46	*	39	*	*	12	*9	16	*10	
65.3 . . . . .	24	—	24	*	16	*	*	*5	*7	*6	*6	
Ambulatory . . . . .	*	—	*	—	*	*	*	*	*	*	*	
Inpatient . . . . .	17	—	17	*	13	*	*	*	*	*	*	
65.4 . . . . .	88	—	88	*	62	17	*9	14	22	32	20	
Ambulatory . . . . .	*14	—	*14	—	*	*	*	*	*	*	*	
Inpatient . . . . .	74	—	74	*	52	14	*8	12	18	28	16	
65.5 . . . . .	*9	—	*9	—	*	*	*	*	*	*	*	
Ambulatory . . . . .	*	—	*	—	—	*	—	*	—	*	*	
Inpatient . . . . .	*9	—	*9	—	*	*	*	*	*	*	*	
65.51 . . . . .	*8	—	*8	—	*	*	*	*	*	*	*	
Ambulatory . . . . .	*	—	*	—	—	*	—	*	—	*	*	
Inpatient . . . . .	*7	—	*7	—	*	*	*	*	*	*	*	
65.6 . . . . .	390	—	390	*	150	191	48	57	85	160	87	
Ambulatory . . . . .	*15	—	*15	—	*	*	*	*	*	*	*	
Inpatient . . . . .	375	—	375	*	144	185	45	55	81	155	84	
65.61 . . . . .	377	—	377	*	141	188	47	56	83	156	82	
Ambulatory . . . . .	*14	—	*14	—	*	*	*	*	*	*	*	
Inpatient . . . . .	362	—	362	*	136	182	44	54	79	150	79	
65.62 . . . . .	13	—	13	—	*9	*	*	—	—	*	*5	
Ambulatory . . . . .	*	—	*	—	*	—	—	—	—	*	*	
Inpatient . . . . .	13	—	13	—	*8	*	*	*	*	*	*	
65.8 . . . . .	43	—	43	*	33	*8	*	*9	*8	16	*10	
Ambulatory . . . . .	*12	—	*12	*	*12	*	—	*	*	*	*	
Inpatient . . . . .	31	—	31	—	21	*8	*	*6	*	12	*9	
65.9 . . . . .	38	—	38	*	34	*	*	*9	12	11	*7	
Ambulatory . . . . .	30	—	30	*	26	*	*	*	*10	*	*	
Inpatient . . . . .	*9	—	*9	*	*8	*	—	*	*	*	*	
65.91 . . . . .	33	—	33	*	28	*	*	*9	*9	*10	*5	
Ambulatory . . . . .	25	—	25	*	21	*	*	*	*	*	*	
Inpatient . . . . .	*8	—	*8	*	*7	*	—	*	*	*	*	
66 . . . . .	824	—	824	*	808	13	*	149	166	341	168	
Ambulatory . . . . .	398	—	398	*	389	*	*	90	101	135	72	
Inpatient . . . . .	426	—	426	*	419	*	*	59	65	206	95	
66.0 . . . . .	19	—	19	—	18	*	*	*	*	*7	*	
Ambulatory . . . . .	*	—	*	—	*	*	—	*	*	*	*	
Inpatient . . . . .	12	—	12	—	12	—	*	*	*	*	*	
66.02 . . . . .	14	—	14	—	14	*	—	*	*	*5	*	
Ambulatory . . . . .	*	—	*	—	*	*	—	*	*	*	*	
Inpatient . . . . .	10	—	10	—	10	—	—	*	*	*	*	
66.2 . . . . .	329	—	329	—	322	*6	*	75	80	115	59	
Ambulatory . . . . .	310	—	310	—	304	*	*	71	77	108	55	
Inpatient . . . . .	19	—	19	—	19	*	—	*	*	*7	*	

\* Figure does not meet standard of reliability or precision.  
 — Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
66.22 . . . . .	10	—	10	—	10	*	—	*	*	*	*
Ambulatory . . . . .	*	—	*	—	*	—	—	*	*	*	*
Inpatient . . . . .	*	—	*	—	*	—	—	*	*	*	*
66.29 . . . . .	317	—	317	—	311	*6	*	73	76	111	57
Ambulatory . . . . .	303	—	303	—	296	*	*	70	74	106	54
Inpatient . . . . .	15	—	15	—	15	—	—	*	*	*6	*
66.3 . . . . .	334	—	334	—	333	*	—	40	52	166	76
Ambulatory . . . . .	*	—	*	—	*	—	—	*	*	*	*
Inpatient . . . . .	324	—	324	—	323	*	—	39	47	163	74
66.32 . . . . .	182	—	182	—	181	*	—	21	28	86	48
Ambulatory . . . . .	*	—	*	—	*	—	—	—	*	*	—
Inpatient . . . . .	181	—	181	—	181	*	—	21	27	85	48
66.39 . . . . .	151	—	151	—	151	*	—	19	24	81	28
Ambulatory . . . . .	*	—	*	—	*	*	—	*	*	*	*
Inpatient . . . . .	142	—	142	—	142	*	—	18	20	78	27
66.4 . . . . .	12	—	12	*	11	*	*	*	*	*6	*
Ambulatory . . . . .	*	—	*	—	*	*	—	*	*	*	*
Inpatient . . . . .	*10	—	*10	*	*8	*	*	*	*	*	*
66.5 . . . . .	11	—	11	—	*8	*	*	*	*	*5	*
Ambulatory . . . . .	*	—	*	—	*	*	—	*	*	*	—
Inpatient . . . . .	*7	—	*7	—	*6	*	*	*	*	*	*
66.51 . . . . .	*8	—	*8	—	*6	*	*	*	*	*	*
Ambulatory . . . . .	*	—	*	—	*	*	—	*	*	*	—
Inpatient . . . . .	*	—	*	—	*	*	*	*	*	*	*
66.6 . . . . .	53	—	53	*	51	*	*	*8	10	24	10
Ambulatory . . . . .	*14	—	*14	—	*14	*	—	*	*	*	*
Inpatient . . . . .	40	—	40	*	38	*	*	*6	*7	20	*7
66.61 . . . . .	13	—	13	*	12	*	*	*	*	*5	*
Ambulatory . . . . .	*	—	*	—	*	—	—	*	*	*	*
Inpatient . . . . .	*7	—	*7	*	*6	*	*	*	*	*	*
66.62 . . . . .	27	—	27	—	27	—	—	*	*	12	*6
Ambulatory . . . . .	*	—	*	—	*	—	—	*	*	*	*
Inpatient . . . . .	22	—	22	—	22	—	—	*	*	11	*
66.69 . . . . .	11	—	11	*	10	*	*	*	*	*6	*
Ambulatory . . . . .	*	—	*	—	*	*	—	*	*	*	*
Inpatient . . . . .	*9	—	*9	*	*8	*	*	*	*	*6	*
66.7 . . . . .	14	—	14	*	14	*	—	*7	*	*	*
Ambulatory . . . . .	*	—	*	*	*	*	—	*	*	*	*
Inpatient . . . . .	*6	—	*6	*	*6	—	—	*	*	*	*
66.79 . . . . .	11	—	11	*	11	*	—	*	*	*	*
Ambulatory . . . . .	*	—	*	*	*	*	—	*	*	*	*
Inpatient . . . . .	*	—	*	*	*	—	—	*	*	*	*
66.8 . . . . .	38	—	38	*	38	*	—	11	*9	11	*8
Ambulatory . . . . .	34	—	34	—	33	*	—	*	*	*	*
Inpatient . . . . .	*	—	*	*	*	—	—	*	*	*	*
66.9 . . . . .	11	—	11	*	11	—	—	*	*	*	*
Ambulatory . . . . .	*	—	*	—	*	—	—	*	*	*	*
Inpatient . . . . .	*	—	*	*	*	—	—	*	*	*	*
67 . . . . .	208	—	208	*	153	39	16	43	61	78	27
Ambulatory . . . . .	190	—	190	*	142	35	*13	37	57	72	24
Inpatient . . . . .	19	—	19	—	11	*	*	*5	*	*6	*
67.1 . . . . .	23	—	23	*	14	*5	*	*	*7	10	*
Ambulatory . . . . .	*19	—	*19	*	*12	*	*	*	*	*	*
Inpatient . . . . .	*	—	*	—	*	*	*	*	*	*	*
67.12 . . . . .	20	—	20	*	12	*	*	*	*6	*9	*
Ambulatory . . . . .	*17	—	*17	*	*11	*	*	*	*	*	*
Inpatient . . . . .	*	—	*	—	*	*	*	*	*	*	*
67.2 . . . . .	50	—	50	—	36	12	*	*8	11	22	*9
Ambulatory . . . . .	46	—	46	—	34	*10	*	*	*10	20	*
Inpatient . . . . .	*	—	*	—	*	*	*	*	*	*	*

\* Figure does not meet standard of reliability or precision.  
 — Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
67.3	112	—	112	—	85	20	*7	24	39	38	11
Ambulatory	108	—	108	—	83	*19	*	23	38	37	*11
Inpatient	*	—	*	—	*	*	*	*	*	*	*
67.32	53	—	53	—	45	*6	*	13	16	17	*7
Ambulatory	52	—	52	—	45	*	*	*13	*16	*17	*
Inpatient	*	—	*	—	*	*	*	*	—	*	*
67.33	18	—	18	—	12	*	*	*	*6	*7	*
Ambulatory	*18	—	*18	—	*12	*	*	*	*	*	*
Inpatient	*	—	*	—	*	*	*	*	—	*	*
67.39	41	—	41	—	27	11	*	*8	16	14	*
Ambulatory	38	—	38	—	25	*11	*	*	*15	*13	*
Inpatient	*	—	*	—	*	*	*	*	*	*	*
67.5	14	—	14	—	13	*	*	*	*	*	*
Ambulatory	*11	—	*11	—	*	*	*	*	*	*	*
Inpatient	*	—	*	—	*	—	—	*	*	*	*
68	1,014	—	1,014	*	567	342	103	203	233	381	198
Ambulatory	368	—	368	*	218	116	34	92	95	115	68
Inpatient	646	—	646	*	349	226	69	111	139	266	130
68.1	279	—	279	*	155	94	30	73	69	91	46
Ambulatory	263	—	263	*	147	90	26	68	66	84	44
Inpatient	17	—	17	—	*8	*	*	*5	*	*7	*
68.12	237	—	237	*	130	82	24	65	56	75	40
Ambulatory	229	—	229	*	126	80	22	62	56	72	39
Inpatient	*8	—	*8	—	*	*	*	*	*	*	*
68.16	38	—	38	—	21	12	*	*7	12	13	*6
Ambulatory	31	—	31	—	*18	*	*	*	*10	*10	*
Inpatient	*7	—	*7	—	*	*	*	*	*	*	*
68.2	121	—	121	*	89	23	*8	34	27	32	28
Ambulatory	84	—	84	*	57	*19	*	23	21	21	*19
Inpatient	37	—	37	—	32	*	*	11	*6	11	*9
68.29	118	—	118	*	86	23	*8	33	26	32	27
Ambulatory	82	—	82	*	55	*19	*	22	21	20	*19
Inpatient	37	—	37	—	31	*	*	11	*6	11	*9
68.3	*10	—	*10	*	*5	*	*	*	*	*	*
Ambulatory	*	—	*	—	*	*	—	—	—	*	—
Inpatient	*9	—	*9	*	*	*	*	*	*	*	*
68.4	401	—	401	*	205	158	38	63	90	169	78
Ambulatory	*	—	*	—	*	*	*	*	*	*	*
Inpatient	393	—	393	*	201	155	37	63	86	167	77
68.5	195	—	195	—	110	59	27	28	44	84	40
Ambulatory	*12	—	*12	—	*	*	*	*	*	*	*
Inpatient	183	—	183	—	102	56	26	27	41	77	38
69	837	—	837	*	595	181	59	204	193	282	159
Ambulatory	700	—	700	*	482	164	52	161	171	229	138
Inpatient	137	—	137	*	112	17	*7	42	22	52	20
69.0	613	—	613	*	384	172	56	149	146	208	110
Ambulatory	530	—	530	*	318	160	51	121	134	178	97
Inpatient	83	—	83	*	66	12	*	28	12	30	13
69.01	11	—	11	*	11	—	—	*	*	*	*
Ambulatory	*	—	*	*	*	—	—	*	*	*	*
Inpatient	*	—	*	*	*	—	—	*	*	*	*
69.02	127	—	127	*	126	*	—	30	25	45	26
Ambulatory	82	—	82	—	81	*	—	*18	*17	27	*18
Inpatient	45	—	45	*	45	*	—	12	*7	18	*8
69.09	475	—	475	*	247	172	56	114	121	161	79
Ambulatory	439	—	439	*	227	160	51	99	116	150	74
Inpatient	36	—	36	*	19	12	*	15	*	12	*
69.1	58	—	58	—	54	*	*	15	12	18	13
Ambulatory	52	—	52	—	50	*	*	*13	*11	*16	*13
Inpatient	*6	—	*6	—	*	*	*	*	*	*	*

\* Figure does not meet standard of reliability or precision.  
 — Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
69.19 . . . . .	58	—	58	—	54	*	*	15	12	18	13
Ambulatory . . . . .	52	—	52	—	50	*	*	*13	*11	*16	*13
Inpatient . . . . .	*6	—	*6	—	*	*	*	*	*	*	*
69.2 . . . . .	*9	—	*9	—	*7	*	*	*	*	*5	*
Ambulatory . . . . .	*	—	*	—	*	—	*	*	*	*	—
Inpatient . . . . .	*7	—	*7	—	*5	*	*	*	*	*	*
69.22 . . . . .	*8	—	*8	—	*7	*	*	*	*	*	*
Ambulatory . . . . .	*	—	*	—	*	—	*	*	*	*	—
Inpatient . . . . .	*6	—	*6	—	*	*	*	*	*	*	*
69.5 . . . . .	132	—	132	*	128	*	*	36	25	40	30
Ambulatory . . . . .	106	—	106	*	103	*	*	26	22	31	26
Inpatient . . . . .	26	—	26	*	25	*	*	*10	*	*9	*
69.51 . . . . .	24	—	24	—	24	—	—	13	*	*	*
Ambulatory . . . . .	*20	—	*20	—	*20	—	—	*12	*	*	*
Inpatient . . . . .	*	—	*	—	*	—	—	*	*	*	*
69.52 . . . . .	95	—	95	*	95	*	—	21	19	33	22
Ambulatory . . . . .	77	—	77	*	76	*	—	*13	*17	27	*19
Inpatient . . . . .	19	—	19	*	18	*	—	*8	*	*6	*
69.59 . . . . .	12	—	12	—	*9	*	*	*	*	*	*
Ambulatory . . . . .	*	—	*	—	*	*	*	*	*	*	*
Inpatient . . . . .	*	—	*	—	*	*	*	*	*	*	*
69.9 . . . . .	19	—	19	*	16	*	*	*	*	*8	*
Ambulatory . . . . .	*	—	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	13	—	13	—	11	*	*	*	*	*7	*
69.93 . . . . .	*6	—	*6	—	*5	*	—	*	*	*	*
Ambulatory . . . . .	*	—	*	—	*	—	—	*	—	—	—
Inpatient . . . . .	*5	—	*5	—	*5	*	—	*	*	*	*
69.96 . . . . .	*5	—	*5	—	*5	*	—	*	*	*	*
Ambulatory . . . . .	*	—	*	—	*	*	—	*	—	*	—
Inpatient . . . . .	*	—	*	—	*	—	—	*	*	*	*
70 . . . . .	368	—	368	*8	146	109	105	53	89	148	77
Ambulatory . . . . .	104	—	104	*	71	*15	*13	*14	33	41	*15
Inpatient . . . . .	264	—	264	*	75	95	91	39	56	107	62
70.0 . . . . .	*9	—	*9	*	*8	*	*	*	*	*	*
Ambulatory . . . . .	*	—	*	—	*	*	*	*	*	*	*
Inpatient . . . . .	*	—	*	*	*	*	—	*	*	*	*
70.1 . . . . .	*7	—	*7	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	—	*	*	*	*	—	*	*	*	*
Inpatient . . . . .	*	—	*	*	*	*	*	*	*	*	*
70.2 . . . . .	44	—	44	*	30	*	*6	*7	17	14	*5
Ambulatory . . . . .	37	—	37	*	26	*	*	*	*16	*12	*
Inpatient . . . . .	*7	—	*7	*	*	*	*	*	*	*	*
70.21 . . . . .	30	—	30	*	20	*	*	*5	12	*9	*
Ambulatory . . . . .	28	—	28	*	*19	*	*	*	*12	*	*
Inpatient . . . . .	*	—	*	*	*	*	*	*	*	*	*
70.24 . . . . .	*9	—	*9	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	—	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	—	*	*	*	*	*	*	*	*	*
70.3 . . . . .	54	—	54	*	41	*7	*	10	12	20	12
Ambulatory . . . . .	41	—	41	*	31	*	*	*	*	*16	*
Inpatient . . . . .	13	—	13	*	10	*	*	*	*	*	*
70.32 . . . . .	21	—	21	*	19	*	*	*	*	*10	*
Ambulatory . . . . .	*15	—	*15	*	*14	*	—	*	*	*	*
Inpatient . . . . .	*6	—	*6	*	*5	*	*	*	*	*	*
70.33 . . . . .	31	—	31	*	20	*6	*	*6	*8	*9	*8
Ambulatory . . . . .	24	—	24	*	*15	*	*	*	*	*	*
Inpatient . . . . .	*7	—	*7	*	*	*7	*	*	*	*	*
70.5 . . . . .	162	—	162	—	37	66	60	24	38	66	35
Ambulatory . . . . .	*11	—	*11	—	*	*	*	*	*	*	*
Inpatient . . . . .	151	—	151	—	35	62	54	23	33	61	34

\* Figure does not meet standard of reliability or precision.  
 — Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
70.50 . . . . .	76	—	76	—	14	30	33	11	14	33	18
Ambulatory . . . . .	*	—	*	—	—	*	*	*	*	*	—
Inpatient . . . . .	76	—	76	—	14	29	33	11	14	33	18
70.51 . . . . .	45	—	45	—	*9	20	15	*8	14	14	*9
Ambulatory . . . . .	*	—	*	—	*	*	*	*	*	*	*
Inpatient . . . . .	40	—	40	—	*9	20	12	*7	12	12	*9
70.52 . . . . .	41	—	41	—	14	16	11	*6	*9	19	*8
Ambulatory . . . . .	*	—	*	—	*	*	*	*	*	*	*
Inpatient . . . . .	35	—	35	—	12	13	*9	*	*6	16	*7
70.7 . . . . .	44	—	44	*	13	16	15	*	*7	22	12
Ambulatory . . . . .	*	—	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	40	—	40	*	10	14	14	*	*6	19	10
70.77 . . . . .	28	—	28	*	*5	*10	13	*	*	14	*8
Ambulatory . . . . .	*	—	*	—	—	—	*	—	*	*	*
Inpatient . . . . .	28	—	28	*	*5	*10	13	*	*	13	*8
70.79 . . . . .	*7	—	*7	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	—	*	*	*	—	—	—	—	*	*
Inpatient . . . . .	*6	—	*6	*	*	*	*	*	*	*	*
70.9 . . . . .	42	—	42	—	11	16	15	*	*10	18	10
Ambulatory . . . . .	*	—	*	—	*	*	*	—	*	*	*
Inpatient . . . . .	40	—	40	—	10	16	14	*	*9	18	*10
70.92 . . . . .	41	—	41	—	11	16	15	*	*9	18	*10
Ambulatory . . . . .	*	—	*	—	*	*	*	—	*	*	*
Inpatient . . . . .	40	—	40	—	*10	16	14	*	*8	18	*10
71 . . . . .	98	—	98	*	51	29	13	23	25	31	19
Ambulatory . . . . .	68	—	68	*	36	21	*	*17	*18	20	*12
Inpatient . . . . .	31	—	31	*	15	*8	*7	*6	*7	11	*7
71.0 . . . . .	*7	—	*7	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	—	*	*	*	—	*	*	*	*	*
Inpatient . . . . .	*	—	*	*	*	*	*	*	*	*	*
71.09 . . . . .	*6	—	*6	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	—	*	*	*	—	*	*	*	*	*
Inpatient . . . . .	*	—	*	*	*	*	*	*	*	*	*
71.1 . . . . .	11	—	11	—	*	*6	*	*	*	*	*
Ambulatory . . . . .	*	—	*	—	*	*	*	*	*	*	*
Inpatient . . . . .	*	—	*	—	*	*	*	*	*	*	*
71.11 . . . . .	11	—	11	—	*	*6	*	*	*	*	*
Ambulatory . . . . .	*	—	*	—	*	*	*	*	*	*	*
Inpatient . . . . .	*	—	*	—	*	*	*	*	*	*	*
71.2 . . . . .	14	—	14	—	*8	*	*	*	*	*5	*
Ambulatory . . . . .	*11	—	*11	—	*	*	*	*	*	*	*
Inpatient . . . . .	*	—	*	—	*	*	*	*	*	*	*
71.23 . . . . .	*8	—	*8	—	*	*	*	*	*	*	*
Ambulatory . . . . .	*	—	*	—	*	*	*	*	*	*	*
Inpatient . . . . .	*	—	*	—	*	*	—	*	*	*	—
71.3 . . . . .	45	—	45	*	28	10	*	*10	12	14	*10
Ambulatory . . . . .	37	—	37	*	22	*	*	*	*10	*10	*
Inpatient . . . . .	*8	—	*8	*	*6	*	*	*	*	*	*
71.7 . . . . .	15	—	15	*	*6	*5	*	*	*	*	*
Ambulatory . . . . .	*	—	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	11	—	11	*	*	*	*	*	*	*	*
71.79 . . . . .	11	—	11	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	—	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*8	—	*8	—	*	*	*	*	*	*	*
72-75 . . . . .	6,555	—	6,555	18	6,534	*	—	1,222	1,427	2,063	1,843
Ambulatory . . . . .	*15	—	*15	—	*15	—	—	*	*	*	*
Inpatient . . . . .	6,540	—	6,540	18	6,519	*	—	1,215	1,422	2,061	1,841
72 . . . . .	446	—	446	*	443	*	—	60	96	145	145
Ambulatory . . . . .	*	—	*	—	*	—	—	—	—	—	*
Inpatient . . . . .	446	—	446	*	443	*	—	60	96	145	145

\* Figure does not meet standard of reliability or precision.  
 — Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
72.0 . . . . .	20	-	20	*	20	-	-	*	*	12	*
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	20	-	20	*	20	-	-	*	*	12	*
72.1 . . . . .	110	-	110	*	108	-	-	16	25	50	18
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	110	-	110	*	108	-	-	16	25	50	18
72.2 . . . . .	*8	-	*8	-	*8	-	-	*	*	*	*
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	*8	-	*8	-	*8	-	-	*	*	*	*
72.21 . . . . .	*7	-	*7	-	*7	-	-	*	*	*	*
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	*7	-	*7	-	*7	-	-	*	*	*	*
72.4 . . . . .	*6	-	*6	-	*6	-	-	*	*	*	*
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	*6	-	*6	-	*6	-	-	*	*	*	*
72.5 . . . . .	*7	-	*7	-	*7	-	-	*	*	*	*
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	*7	-	*7	-	*7	-	-	*	*	*	*
72.7 . . . . .	293	-	293	*	292	*	-	38	61	74	120
Ambulatory . . . . .	*	-	*	-	*	-	-	-	-	-	*
Inpatient . . . . .	293	-	293	*	292	*	-	38	61	74	119
72.71 . . . . .	201	-	201	*	200	*	-	29	40	51	81
Ambulatory . . . . .	*	-	*	-	*	-	-	-	-	-	*
Inpatient . . . . .	200	-	200	*	200	*	-	29	40	51	80
72.79 . . . . .	93	-	93	*	92	-	-	*9	21	23	39
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	93	-	93	*	92	-	-	*9	21	23	39
73 . . . . .	3,143	-	3,143	*9	3,133	*	-	553	664	1,072	854
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	3,143	-	3,143	*9	3,133	*	-	553	664	1,072	854
73.0 . . . . .	729	-	729	*	727	*	-	120	187	185	237
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	729	-	729	*	727	*	-	120	187	185	237
73.01 . . . . .	103	-	103	*	103	-	-	17	23	26	37
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	103	-	103	*	103	-	-	17	23	26	37
73.09 . . . . .	626	-	626	*	624	*	-	103	165	158	201
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	626	-	626	*	624	*	-	103	165	158	201
73.1 . . . . .	*7	-	*7	*	*7	-	-	*	*	*	*
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	*7	-	*7	*	*7	-	-	*	*	*	*
73.4 . . . . .	389	-	389	*	388	-	-	63	91	103	132
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	389	-	389	*	388	-	-	63	91	103	132
73.5 . . . . .	1,031	-	1,031	*	1,028	*	-	177	160	420	273
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	1,031	-	1,031	*	1,028	*	-	177	160	420	273
73.51 . . . . .	*9	-	*9	-	*9	-	-	*	*	*	*
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	*9	-	*9	-	*9	-	-	*	*	*	*
73.59 . . . . .	1,022	-	1,022	*	1,019	*	-	176	158	419	270
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	1,022	-	1,022	*	1,019	*	-	176	158	419	270
73.6 . . . . .	977	-	977	*	974	*	-	189	222	359	207
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	977	-	977	*	974	*	-	189	222	359	207
74 . . . . .	837	-	837	*	834	*	-	139	159	333	206
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	837	-	837	*	834	*	-	139	159	333	206

\* Figure does not meet standard of reliability or precision.  
 - Quantity zero.



**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
74.0 . . . . .	14	-	14	*	14	-	-	*	*	*6	*
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	14	-	14	*	14	-	-	*	*	*6	*
74.1 . . . . .	804	-	804	*	801	*	-	135	156	319	195
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	804	-	804	*	801	*	-	135	156	319	195
74.9 . . . . .	17	-	17	-	17	-	-	*	*	*7	*8
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	17	-	17	-	17	-	-	*	*	*7	*8
74.99 . . . . .	17	-	17	-	17	-	-	*	*	*7	*8
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	17	-	17	-	17	-	-	*	*	*7	*8
75 . . . . .	2,130	-	2,130	*	2,124	*	-	470	508	514	637
Ambulatory . . . . .	*14	-	*14	-	*14	-	-	*	*	*	*
Inpatient . . . . .	2,115	-	2,115	*	2,109	*	-	464	503	512	636
75.1 . . . . .	24	-	24	*	24	-	-	*	*6	*7	*9
Ambulatory . . . . .	*	-	*	-	*	-	-	-	*	*	-
Inpatient . . . . .	22	-	22	*	21	-	-	*	*	*6	*9
75.3 . . . . .	966	-	966	*	963	*	-	272	249	150	296
Ambulatory . . . . .	*11	-	*11	-	*11	-	-	*	*	*	*
Inpatient . . . . .	955	-	955	*	952	*	-	265	245	149	295
75.32 . . . . .	311	-	311	*	309	*	-	66	99	53	93
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	311	-	311	*	309	*	-	66	99	53	93
75.34 . . . . .	585	-	585	*	584	*	-	188	122	89	187
Ambulatory . . . . .	*	-	*	-	*	-	-	*	-	*	-
Inpatient . . . . .	584	-	584	*	582	*	-	187	122	89	187
75.35 . . . . .	69	-	69	*	69	*	-	18	28	*8	16
Ambulatory . . . . .	*10	-	*10	-	*10	-	-	*	*	-	*
Inpatient . . . . .	58	-	58	*	58	*	-	11	24	*8	15
75.4 . . . . .	48	-	48	-	48	-	-	*8	11	16	13
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	48	-	48	-	48	-	-	*8	11	16	13
75.5 . . . . .	*8	-	*8	-	*8	-	-	*	*	*	*
Ambulatory . . . . .	*	-	*	-	*	-	-	-	*	-	-
Inpatient . . . . .	*8	-	*8	-	*8	-	-	*	*	*	*
75.51 . . . . .	*7	-	*7	-	*7	-	-	*	*	*	*
Ambulatory . . . . .	*	-	*	-	*	-	-	-	*	-	-
Inpatient . . . . .	*7	-	*7	-	*7	-	-	*	*	*	*
75.6 . . . . .	1,053	-	1,053	*	1,051	*	-	182	234	324	313
Ambulatory . . . . .	*	-	*	-	*	-	-	-	*	*	-
Inpatient . . . . .	1,053	-	1,053	*	1,050	*	-	182	234	324	313
75.61 . . . . .	45	-	45	*	45	-	-	*7	15	13	*9
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	45	-	45	*	45	-	-	*7	15	13	*9
75.62 . . . . .	120	-	120	*	120	-	-	23	25	42	30
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	120	-	120	*	120	-	-	23	25	42	30
75.69 . . . . .	888	-	888	*	886	*	-	152	193	269	274
Ambulatory . . . . .	*	-	*	-	*	-	-	-	*	*	-
Inpatient . . . . .	887	-	887	*	886	*	-	152	193	269	274
75.7 . . . . .	23	-	23	-	23	-	-	*	*	13	*
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	23	-	23	-	23	-	-	*	*	13	*
76-84 . . . . .	7,361	3,725	3,636	327	2,925	2,309	1,800	1,589	1,778	2,283	1,710
Ambulatory . . . . .	4,226	2,179	2,047	162	1,965	1,468	631	876	1,030	1,205	1,116
Inpatient . . . . .	3,134	1,546	1,589	165	960	841	1,168	713	748	1,079	594
76 . . . . .	140	83	57	*8	102	20	10	28	31	46	36
Ambulatory . . . . .	46	22	24	*	29	*	*	*	*11	*17	*13
Inpatient . . . . .	94	61	33	*6	73	*10	*	22	20	29	23

\* Figure does not meet standard of reliability or precision.  
- Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
76.2 . . . . .	11	*	*6	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
76.4 . . . . .	*5	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
76.5 . . . . .	*5	*	*	—	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	—	*	—	*	*	*	*	*
Inpatient . . . . .	*	*	*	—	*	*	*	*	*	*	*
76.6 . . . . .	28	11	17	*	24	*	*	*6	*8	*8	*6
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	22	*9	13	*	19	*	*	*5	*7	*6	*
76.62 . . . . .	*7	*	*5	*	*6	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	—	*	—	—	—	—	*	*
Inpatient . . . . .	*6	*	*	*	*6	*	*	*	*	*	*
76.64 . . . . .	*7	*	*	*	*6	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	—	*	*	—	*	*	*	*
Inpatient . . . . .	*6	*	*	*	*5	*	*	*	*	*	*
76.65 . . . . .	*7	*	*	*	*7	*	—	*	*	*	*
Ambulatory . . . . .	*	*	*	—	*	—	—	—	—	*	*
Inpatient . . . . .	*6	*	*	*	*6	*	—	*	*	*	*
76.7 . . . . .	59	46	13	*	47	*6	*	11	*9	21	17
Ambulatory . . . . .	*12	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	47	37	*9	*	38	*	*	*10	*8	16	13
76.72 . . . . .	*9	*8	*	*	*6	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	—	*	*	*	*	*	*	*
Inpatient . . . . .	*6	*	*	*	*5	*	*	*	*	*	*
76.74 . . . . .	*5	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	—	*	*	—	—	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
76.75 . . . . .	*9	*7	*	*	*7	*	—	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	—	—	*	*	*	*
Inpatient . . . . .	*7	*6	*	*	*5	*	—	*	*	*	*
76.76 . . . . .	20	17	*	*	17	*	*	*	*	*8	*
Ambulatory . . . . .	*	*	*	—	*	—	*	*	*	*	*
Inpatient . . . . .	18	16	*	*	15	*	*	*	*	*7	*
76.79 . . . . .	10	*7	*	*	*8	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*8	*5	*	*	*6	*	*	*	*	*	*
76.9 . . . . .	24	15	*10	*	17	*	*	*5	*8	*7	*
Ambulatory . . . . .	*10	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	14	*9	*	*	10	*	*	*	*	*	*
76.91 . . . . .	*8	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	—	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
76.92 . . . . .	*8	*5	*	*	*6	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*6	*	*	*	*	*	*	*	*	*	*
77 . . . . .	904	347	557	36	345	338	184	209	246	259	189
Ambulatory . . . . .	598	196	401	*15	236	235	111	133	178	154	133
Inpatient . . . . .	306	150	156	22	109	103	73	76	68	105	57
77.1 . . . . .	13	*10	*	*	*6	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*6	*	*	*	*	*	*	*	*	*	*
77.2 . . . . .	11	*	*8	*	*6	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*8	*	*6	*	*	*	*	*	*	*	*
77.27 . . . . .	*6	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	—	—	—	—	—	—	—	—	—	—	—
Inpatient . . . . .	*6	*	*	*	*	*	*	*	*	*	*

\* Figure does not meet standard of reliability or precision.  
 — Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
77.3 . . . . .	37	16	21	*8	11	15	*	10	10	*8	*9
Ambulatory . . . . .	20	*	*13	*	*	*	*	*	*	*	*
Inpatient . . . . .	17	*8	*9	*6	*	*6	*	*6	*	*	*
77.37 . . . . .	*8	*6	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	—	*	*	*	*	*
Inpatient . . . . .	*7	*	*	*	*	*	*	*	*	*	*
77.38 . . . . .	13	*5	*8	*	*	*7	*	*	*6	*	*
Ambulatory . . . . .	*12	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	—	*	*	*	*	*	—	*
77.39 . . . . .	*6	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
77.4 . . . . .	28	14	14	*	*6	*8	13	*8	*7	*8	*
Ambulatory . . . . .	*11	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	17	*9	*9	*	*	*	*9	*	*6	*6	*
77.45 . . . . .	*5	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
77.49 . . . . .	11	*6	*	*	*	*	*7	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*8	*	*	*	*	*	*5	*	*	*	*
77.5 . . . . .	304	49	255	*	104	123	73	75	92	76	60
Ambulatory . . . . .	281	44	238	*	99	117	64	70	89	69	54
Inpatient . . . . .	22	*5	17	*	*6	*6	*10	*	*	*7	*7
77.51 . . . . .	71	*10	61	*	35	27	*7	18	22	13	17
Ambulatory . . . . .	64	*	56	*	33	26	*	*17	21	*11	*15
Inpatient . . . . .	*6	*	*5	—	*	*	*	*	*	*	*
77.53 . . . . .	13	*	11	*	*	*6	*	*	*	*	*
Ambulatory . . . . .	*11	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	—	*	—	*	*	*	*	*	*	—
77.56 . . . . .	90	14	76	*	22	40	28	21	27	25	17
Ambulatory . . . . .	83	*12	71	*	21	37	25	*20	26	23	*15
Inpatient . . . . .	*7	*	*5	—	*	*	*	*	*	*	*
77.57 . . . . .	*9	*	*8	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	—	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
77.58 . . . . .	34	*9	25	*	*9	14	11	11	*10	*7	*6
Ambulatory . . . . .	31	*	23	*	*	*12	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
77.59 . . . . .	82	12	70	*	29	33	20	20	25	22	15
Ambulatory . . . . .	81	*12	69	*	29	32	*19	*20	24	22	*15
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
77.6 . . . . .	195	93	102	*9	83	70	34	46	47	60	43
Ambulatory . . . . .	152	69	83	*	69	56	23	33	37	45	37
Inpatient . . . . .	43	24	19	*	14	14	12	13	*10	15	*5
77.61 . . . . .	*9	*6	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	—	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
77.63 . . . . .	*6	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	—	*	*
77.65 . . . . .	24	13	11	*	10	*8	*	*5	*	*8	*6
Ambulatory . . . . .	*17	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*7	*	*	*	*	*	*	*	*	*	*
77.66 . . . . .	45	24	22	*	23	17	*5	11	*9	11	14
Ambulatory . . . . .	41	*20	21	*	23	*14	*	*	*	*10	*14
Inpatient . . . . .	*	*	*	—	*	*	*	*	*	*	*
77.67 . . . . .	13	*7	*6	*	*6	*	*	*	*	*5	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*6	*	*	*	*	*	*	*	*	*	*

\* Figure does not meet standard of reliability or precision.  
 — Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
77.68 . . . . .	36	13	23	*	13	13	*7	*8	13	*8	*6
Ambulatory . . . . .	29	*	20	*	*12	*12	*	*	*12	*	*
Inpatient . . . . .	*6	*	*	*	*	*	*	*	*	*	*
77.69 . . . . .	51	21	30	*	18	20	11	11	11	19	*9
Ambulatory . . . . .	41	*16	25	*	*16	*15	*	*	*	*15	*
Inpatient . . . . .	*10	*	*5	*	*	*	*	*	*	*	*
77.7 . . . . .	126	65	61	*7	56	47	16	26	29	48	23
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	119	61	57	*6	52	45	16	26	26	47	20
77.79 . . . . .	111	58	53	*	50	42	14	23	24	44	19
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	107	56	51	*	48	41	14	23	23	43	18
77.8 . . . . .	170	89	82	*	65	64	37	35	49	46	40
Ambulatory . . . . .	108	58	50	*	47	41	*16	*18	34	28	27
Inpatient . . . . .	63	31	32	*	18	23	21	17	15	18	13
77.81 . . . . .	60	39	21	*	23	25	12	*8	19	15	18
Ambulatory . . . . .	42	30	*12	*	*18	*17	*	*	*14	*11	*13
Inpatient . . . . .	18	*9	*9	*	*	*8	*6	*	*5	*	*
77.82 . . . . .	*6	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	—	*	*	*	*
Inpatient . . . . .	*	*	*	—	*	*	*	*	*	—	*
77.83 . . . . .	14	*6	*8	*	*6	*5	*	*	*	*	*
Ambulatory . . . . .	*11	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
77.86 . . . . .	*5	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
77.87 . . . . .	*6	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
77.88 . . . . .	24	*10	14	*	*9	*9	*	*6	*7	*5	*
Ambulatory . . . . .	*14	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*10	*	*6	—	*	*	*	*	*	*	*
77.89 . . . . .	45	19	26	*	14	17	12	*10	13	15	*8
Ambulatory . . . . .	25	*	*17	*	*	*	*	*	*	*	*
Inpatient . . . . .	20	10	*10	*	*	*8	*8	*	*5	*7	*
77.9 . . . . .	16	*6	*10	*	*7	*	*	*	*6	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*7	*	*	*	*	*	*	*	*	*	*
78 . . . . .	438	214	224	46	186	112	94	96	100	141	101
Ambulatory . . . . .	235	121	114	25	119	55	35	44	56	71	63
Inpatient . . . . .	203	93	110	21	67	57	58	51	44	70	38
78.0 . . . . .	56	29	28	*	25	19	*9	11	12	22	12
Ambulatory . . . . .	*15	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	41	19	22	*	16	15	*8	*9	*8	17	*8
78.02 . . . . .	*6	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	—	*	*	—	—	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
78.03 . . . . .	*7	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
78.05 . . . . .	*8	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	—	—	—	*	*	—
Inpatient . . . . .	*8	*	*	*	*	*	*	*	*	*	*
78.07 . . . . .	13	*5	*8	*	*5	*6	*	*	*	*6	*
Ambulatory . . . . .	*	*	*	—	*	*	*	*	*	*	*
Inpatient . . . . .	12	*5	*7	*	*	*6	*	*	*	*6	*
78.09 . . . . .	11	*7	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	—	*	*	—	*	*	*	*
Inpatient . . . . .	*8	*	*	*	*	*	*	*	*	*	*

\* Figure does not meet standard of reliability or precision.  
 — Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
78.1 . . . . .	43	24	19	*7	14	11	11	*10	*8	16	*9
Ambulatory . . . . .	*18	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	25	15	*10	*	*9	*6	*6	*6	*5	*10	*
78.13 . . . . .	18	*6	12	*	*	*5	*8	*	*	*8	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*8	*	*6	*	*	*	*	*	*	*	*
78.17 . . . . .	*10	*7	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	—	*	—	*	*	—	—	*	*
Inpatient . . . . .	*9	*6	*	*	*	*	*	*	*	*	*
78.19 . . . . .	*7	*5	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
78.2 . . . . .	*7	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	—	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
78.4 . . . . .	11	*5	*6	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*5	*	*	*	*	*	*	*	*	*	*
78.5 . . . . .	74	29	46	*8	26	16	25	21	17	22	15
Ambulatory . . . . .	*18	*	*11	*	*	*	*	*	*	*	*
Inpatient . . . . .	56	22	35	*7	17	*9	23	16	11	19	11
78.55 . . . . .	33	*9	23	*6	*	*	19	*8	*6	10	*8
Ambulatory . . . . .	*	*	*	*	*	*	*	—	*	*	*
Inpatient . . . . .	32	*9	23	*5	*	*	19	*8	*6	*10	*8
78.57 . . . . .	*10	*	*5	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	—	*	*	*	—
Inpatient . . . . .	*9	*	*	*	*	*	*	*	*	*	*
78.58 . . . . .	*8	*	*6	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	—
78.59 . . . . .	14	*7	*8	*	*7	*	*	*	*	*6	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*8	*	*	*	*	*	*	*	*	*	*
78.6 . . . . .	231	117	114	22	108	55	45	46	55	73	56
Ambulatory . . . . .	171	88	83	*17	89	38	27	32	39	53	45
Inpatient . . . . .	60	29	31	*	19	17	19	14	16	19	11
78.60 . . . . .	13	*6	*6	*	*7	*	*	*	*	*	*
Ambulatory . . . . .	*12	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	—	—	*	—	—	—	—	*	—
78.62 . . . . .	14	*	11	*	*	*6	*	*	*	*7	*
Ambulatory . . . . .	*10	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
78.63 . . . . .	22	11	11	*	*10	*	*6	*	*5	*6	*6
Ambulatory . . . . .	*19	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
78.64 . . . . .	*7	*5	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	—	—	*	*	—	*	*	—	—
78.65 . . . . .	38	19	19	*7	12	*6	13	*8	*10	11	*8
Ambulatory . . . . .	*16	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	22	11	11	*	*	*	11	*6	*7	*6	*
78.66 . . . . .	13	*7	*6	*	*7	*	*	*	*	*6	*
Ambulatory . . . . .	*11	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	—	*	*	*	*	*	*	*
78.67 . . . . .	55	30	25	*	31	11	*8	15	14	15	12
Ambulatory . . . . .	46	26	20	*	28	*	*	*12	*11	*12	*
Inpatient . . . . .	*9	*	*	*	*	*	*	*	*	*	*
78.68 . . . . .	*10	*	*6	*	*6	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	—	*	*	*	—

\* Figure does not meet standard of reliability or precision.  
 — Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
78.69 . . . . .	56	29	26	*	29	15	*8	*9	11	19	17
Ambulatory . . . . .	39	20	*19	*	22	*	*	*	*	*13	*13
Inpatient . . . . .	17	*9	*8	*	*7	*7	*	*	*	*6	*
78.9 . . . . .	*10	*	*6	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	—	—	—	—	*	—	*	—	—
Inpatient . . . . .	*9	*	*6	—	*	*	*	*	*	*	*
78.99 . . . . .	*8	*	*5	—	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	—	—	—	—	*	—	*	—	—
Inpatient . . . . .	*8	*	*5	—	*	*	*	*	*	*	*
79 . . . . .	925	455	470	120	327	170	308	190	222	313	200
Ambulatory . . . . .	247	151	96	57	119	46	24	40	56	81	70
Inpatient . . . . .	678	304	374	63	208	124	283	150	166	233	130
79.0 . . . . .	156	82	73	51	48	22	35	42	34	48	31
Ambulatory . . . . .	65	36	29	32	*19	*	*	*15	*13	22	*16
Inpatient . . . . .	91	47	44	19	29	15	28	27	22	26	15
79.01 . . . . .	14	*	*9	*	*	*	*6	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	—	*	*	*	*	*
Inpatient . . . . .	11	*	*8	*	*	*	*6	*	*	*	*
79.02 . . . . .	65	30	35	28	12	*7	18	14	14	23	14
Ambulatory . . . . .	38	*18	*19	21	*	*	*	*	*	*15	*
Inpatient . . . . .	27	12	15	*6	*6	*	12	*8	*6	*8	*
79.03 . . . . .	*9	*7	*	*	*5	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	—	*	*	*	*	*	*	*
79.04 . . . . .	*8	*	*	*	*5	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	—	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
79.05 . . . . .	11	*6	*5	*6	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	—	*	—	*	—	*	—
Inpatient . . . . .	11	*6	*	*5	*	*	*	*	*	*	*
79.06 . . . . .	39	24	15	11	15	*8	*5	12	*9	11	*6
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	30	18	11	*5	12	*8	*5	*8	*8	*10	*
79.07 . . . . .	*7	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	—	*	*	*	*
Inpatient . . . . .	*	*	*	—	*	*	*	*	*	*	*
79.1 . . . . .	107	55	52	20	31	17	39	21	29	34	22
Ambulatory . . . . .	36	22	*14	*	*16	*	*	*	*	*11	*
Inpatient . . . . .	71	33	38	12	16	12	32	12	22	22	15
79.11 . . . . .	14	*8	*7	*10	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	—	*	*	*	*	*	*
Inpatient . . . . .	*10	*	*5	*6	*	*	*	*	*	*	*
79.12 . . . . .	21	*9	12	*	*	*	*8	*5	*5	*6	*
Ambulatory . . . . .	*13	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*8	*	*	*	*	*	*	*	*	*	*
79.13 . . . . .	*8	*6	*	*	*6	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	—	*	*	*	*
Inpatient . . . . .	*	*	*	—	*	*	*	*	*	*	*
79.14 . . . . .	*8	*6	*	*	*6	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	—
79.15 . . . . .	38	12	26	*	*5	*6	24	*6	13	12	*8
Ambulatory . . . . .	*	*	—	—	—	*	—	—	*	—	—
Inpatient . . . . .	38	12	26	*	*5	*6	24	*6	12	12	*8
79.16 . . . . .	12	10	*	*	*6	*	*	*	*	*	*
Ambulatory . . . . .	*	*	—	*	*	—	—	*	—	*	*
Inpatient . . . . .	10	*8	*	*	*	*	*	*	*	*	*
79.2 . . . . .	14	*10	*	*	*7	*	*	*	*	*7	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*8	*6	*	*	*	*	*	*	*	*	*

\* Figure does not meet standard of reliability or precision.  
 — Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
79.26 . . . . .	*6	*5	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	—	—	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
79.3 . . . . .	549	244	305	31	197	109	211	106	133	195	115
Ambulatory . . . . .	117	74	43	*14	69	27	*	*14	29	37	37
Inpatient . . . . .	432	170	262	17	128	82	205	92	104	157	78
79.31 . . . . .	39	15	24	*7	*10	12	11	*9	*9	12	*9
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	32	11	21	*5	*8	*8	10	*7	*7	10	*7
79.32 . . . . .	54	28	26	*9	25	12	*8	11	12	17	15
Ambulatory . . . . .	21	*	*12	*	*	*	*	*	*	*	*
Inpatient . . . . .	33	18	15	*	17	*6	*6	*7	*8	*9	*9
79.33 . . . . .	27	23	*	*	22	*	*	*	*7	*8	*7
Ambulatory . . . . .	22	*19	*	*	*18	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	—	*	*	*	*	*	*	*
79.34 . . . . .	33	25	*8	*5	17	*10	*	*5	*9	*8	10
Ambulatory . . . . .	21	*14	*	*	*11	*	*	*	*	*	*
Inpatient . . . . .	12	11	*	*	*5	*	*	*	*	*	*
79.35 . . . . .	194	52	142	*	16	18	158	42	51	72	28
Ambulatory . . . . .	*	—	*	*	*	*	—	*	*	*	—
Inpatient . . . . .	193	52	141	*	16	17	158	42	51	72	28
79.36 . . . . .	164	78	86	*6	83	45	30	28	36	65	35
Ambulatory . . . . .	31	*19	*12	*	*20	*	*	*	*	*14	*
Inpatient . . . . .	133	59	75	*	64	39	28	26	30	52	25
79.37 . . . . .	14	*10	*	*	*10	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	—	*	*	*	*	*	*	*
Inpatient . . . . .	10	*8	*	*	*7	*	*	*	*	*	*
79.39 . . . . .	20	11	*9	*	12	*6	*	*	*	*7	*6
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	13	*7	*6	*	*8	*	*	*	*	*	*
79.6 . . . . .	45	34	11	*10	23	*8	*	*7	12	14	12
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	40	30	10	*9	20	*7	*	*7	*10	14	*10
79.62 . . . . .	*10	*7	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	—	*	—	—	—	—	*	—	—
Inpatient . . . . .	*10	*7	*	*	*	*	*	*	*	*	*
79.64 . . . . .	*10	*8	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*6	*	*	*	*	*	*	*	*	*	*
79.66 . . . . .	15	12	*	*	*9	*	*	*	*	*7	*
Ambulatory . . . . .	*	*	—	—	*	—	—	—	—	*	—
Inpatient . . . . .	15	11	*	*	*9	*	*	*	*	*7	*
79.7 . . . . .	39	19	20	*	13	*9	14	*8	*7	13	11
Ambulatory . . . . .	*11	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	28	13	14	*	*8	*5	12	*6	*6	*9	*7
79.71 . . . . .	*7	*5	*	—	*	*	—	*	*	*	*
Ambulatory . . . . .	*	*	*	—	*	*	—	*	—	*	*
Inpatient . . . . .	*	*	*	—	*	*	*	*	*	*	*
79.75 . . . . .	19	*7	13	*	*	*	10	*	*	*7	*5
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	17	*6	11	*	*	*	*9	*	*	*6	*
79.8 . . . . .	11	*8	*	*	*7	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*6	*	*	*	*	*	*	*	*	*	*
80 . . . . .	2,359	1,339	1,020	35	1,151	844	330	538	516	697	609
Ambulatory . . . . .	1,895	1,074	821	27	939	677	253	438	421	515	521
Inpatient . . . . .	464	265	199	*8	212	167	77	99	95	182	88
80.0 . . . . .	13	*8	*6	—	*	*	*7	*	*	*6	*
Ambulatory . . . . .	*	*	*	—	*	*	*	*	*	*	*
Inpatient . . . . .	10	*6	*	—	*	*	*6	*	*	*	*

\* Figure does not meet standard of reliability or precision.  
 — Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
80.1	91	56	35	*5	48	25	13	19	19	27	26
Ambulatory	65	40	26	*	36	*19	*	*14	*14	*18	*19
Inpatient	26	16	*10	*	12	*5	*7	*5	*	*10	*7
80.11	*5	*	*	—	*	*	*	*	*	*	*
Ambulatory	*	*	*	—	*	*	*	*	*	*	*
Inpatient	*	*	*	—	*	*	*	*	*	*	*
80.12	13	*9	*	*	*8	*	*	*	*	*6	*
Ambulatory	*	*	*	*	*	*	*	*	*	*	*
Inpatient	*	*	*	*	*	*	*	*	*	*	*
80.14	*8	*	*	*	*	*	*	*	*	*	*
Ambulatory	*	*	*	*	*	*	*	*	*	*	*
Inpatient	*	*	*	*	*	*	*	*	*	*	*
80.16	46	29	17	*	25	11	*8	*10	*9	12	15
Ambulatory	35	21	*14	*	20	*	*	*	*	*	*11
Inpatient	12	*8	*	*	*5	*	*	*	*	*	*
80.17	*6	*	*	*	*	*	*	*	*	*	*
Ambulatory	*	*	*	*	*	*	*	*	*	*	*
Inpatient	*	*	*	*	*	*	*	*	*	*	*
80.2	823	468	354	12	432	277	102	213	169	211	229
Ambulatory	782	445	337	*10	408	266	98	201	159	200	222
Inpatient	41	24	17	*	24	11	*	13	*10	11	*7
80.21	100	63	37	*	50	37	12	23	18	26	33
Ambulatory	88	57	31	*	45	33	*	*20	*16	23	28
Inpatient	12	*6	*6	—	*5	*	*	*	*	*	*
80.22	*8	*7	*	*	*5	*	—	*	*	*	*
Ambulatory	*	*	*	*	*	*	—	*	*	*	*
Inpatient	*	*	*	—	*	*	—	—	—	*	—
80.23	30	10	19	*	15	11	*	*5	*9	*8	*8
Ambulatory	30	*10	*19	*	*15	*11	*	*	*	*	*
Inpatient	*	—	*	—	*	—	—	*	—	—	*
80.26	657	374	284	10	343	218	86	178	137	165	178
Ambulatory	629	357	272	*	325	212	83	169	129	157	175
Inpatient	28	17	11	*	18	*6	*	*9	*8	*7	*
80.27	12	*8	*	*	*10	*	*	*	*	*	*
Ambulatory	*11	*	*	*	*	*	*	*	*	*	*
Inpatient	*	*	*	—	*	*	*	*	*	*	—
80.28	*5	*	*	—	*	*	*	*	*	*	*
Ambulatory	*	*	*	—	*	*	*	*	*	*	*
Inpatient	—	—	—	—	—	—	—	—	—	—	—
80.3	*6	*	*	*	*	*	*	*	*	*	*
Ambulatory	*	*	*	*	*	*	*	*	*	*	*
Inpatient	*	*	*	*	*	*	*	*	*	*	*
80.4	127	61	66	*5	61	46	14	25	31	31	39
Ambulatory	110	54	56	*	57	41	*	*18	29	28	36
Inpatient	16	*7	*9	*	*	*5	*	*7	*9	*	*
80.41	37	24	13	*	13	19	*	*	*9	*9	15
Ambulatory	34	22	*12	—	*12	*17	*	*	*	*	*14
Inpatient	*	*	*	*	*	*	*	*	*	*	*
80.42	*7	*	*	—	*	*	—	*	*	*	*
Ambulatory	*	*	*	—	*	*	—	*	*	*	*
Inpatient	*	*	—	—	*	—	—	*	—	*	—
80.43	*5	*	*	*	*	*	*	*	*	*	*
Ambulatory	*	*	*	*	*	*	*	*	*	*	*
Inpatient	*	*	*	*	*	—	—	*	—	*	*
80.44	11	*6	*	*	*	*	*	*	*	*	*
Ambulatory	*10	*	*	*	*	*	*	*	*	*	*
Inpatient	*	*	*	—	*	*	*	*	*	—	*
80.46	49	18	31	*	30	12	*5	13	*10	12	14
Ambulatory	40	*16	25	*	28	*	*	*	*	*11	*12
Inpatient	*9	*	*7	*	*	*	*	*	*	*	*

\* Figure does not meet standard of reliability or precision.  
 — Quantity zero.



**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
80.48 . . . . .	11	*	*7	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*10	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	—	*	*	*	*
80.5 . . . . .	324	187	138	*	154	133	36	51	70	142	62
Ambulatory . . . . .	37	23	*14	—	20	*16	*	*	*11	*13	*10
Inpatient . . . . .	288	164	124	*	134	117	36	49	59	128	51
80.51 . . . . .	320	184	136	*	151	132	36	51	70	139	61
Ambulatory . . . . .	36	22	*13	—	*19	*16	*	*	*11	*13	*10
Inpatient . . . . .	285	162	123	*	132	116	35	49	58	127	51
80.6 . . . . .	479	287	192	*	211	186	78	107	108	134	130
Ambulatory . . . . .	455	275	180	*	198	178	76	100	104	127	125
Inpatient . . . . .	24	12	12	*	14	*8	*	*7	*	*7	*5
80.7 . . . . .	153	78	75	*	78	49	22	43	35	42	33
Ambulatory . . . . .	138	72	66	*	72	45	*18	38	32	37	31
Inpatient . . . . .	14	*6	*9	*	*6	*	*	*	*	*	*
80.71 . . . . .	*6	*	*	—	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	—	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	—	*	*	*	*	*	*	*
80.73 . . . . .	*7	*	*	—	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	—	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	—	*	*	*	*	*	*	—
80.76 . . . . .	118	61	57	*	62	37	16	34	25	34	25
Ambulatory . . . . .	109	57	52	*	58	36	*13	32	24	31	23
Inpatient . . . . .	*9	*	*	*	*	*	*	*	*	*	*
80.77 . . . . .	*9	*	*	*	*6	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	—	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	—	*	*	*	—
80.8 . . . . .	310	170	139	*	143	112	51	65	72	93	80
Ambulatory . . . . .	277	147	130	*	130	102	41	57	65	82	73
Inpatient . . . . .	33	23	*10	*	12	*10	10	*8	*7	11	*7
80.81 . . . . .	48	30	18	*	23	19	*6	*10	13	11	15
Ambulatory . . . . .	42	26	*16	*	*20	*17	*	*	*12	*	*13
Inpatient . . . . .	*6	*	*	—	*	*	*	*	*	*	*
80.82 . . . . .	12	10	*	*	*8	*	*	*	*	*	*6
Ambulatory . . . . .	*10	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	—	*	*	*	*	*	*	*
80.83 . . . . .	*9	*5	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	—	*	*	—	*	*	*	*
80.84 . . . . .	*10	*	*7	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	—	*	*	*	*	—
80.86 . . . . .	202	106	95	*	92	74	34	44	46	63	49
Ambulatory . . . . .	188	96	92	*	87	70	29	41	43	58	46
Inpatient . . . . .	14	10	*	*	*	*	*5	*	*	*	*
80.87 . . . . .	12	*8	*	*	*9	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
80.88 . . . . .	10	*	*6	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	—	*	*	*	*	*	*	*
80.9 . . . . .	34	22	12	*	19	11	*	11	*7	*9	*7
Ambulatory . . . . .	24	*15	*	*	*14	*	*	*	*	*	*
Inpatient . . . . .	*10	*7	*	*	*	*	*	*	*	*	*
80.91 . . . . .	15	11	*	—	*5	*7	*	*	*	*	*
Ambulatory . . . . .	*	*	*	—	*	*	*	*	*	*	*
Inpatient . . . . .	*6	*	*	—	*	*	*	*	*	*	*
81 . . . . .	1,475	690	785	24	439	434	578	298	378	478	321
Ambulatory . . . . .	508	275	234	*	252	179	69	89	118	153	148
Inpatient . . . . .	966	415	551	15	187	254	509	209	260	325	173

\* Figure does not meet standard of reliability or precision.  
— Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region				
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West	
Number of procedures in thousands												
81.0	192	98	94	*6	80	79	27	32	43	86	31	
Ambulatory	*	*	*	-	*	*	*	-	*	*	*	
Inpatient	187	96	91	*6	78	78	26	32	42	83	30	
81.02	92	49	43	*	37	46	*8	13	21	49	*10	
Ambulatory	*	*	*	-	*	*	*	-	*	*	*	
Inpatient	87	47	40	*	35	45	*7	13	20	46	*10	
81.03	*7	*	*	*	*	*	*	*	*	*	*	
Ambulatory	-	-	-	-	-	-	-	-	-	-	-	
Inpatient	*7	*	*	*	*	*	*	*	*	*	*	
81.05	11	*6	*5	*	*	*	*	*	*	*	*	
Ambulatory	-	-	-	-	-	-	-	-	-	-	-	
Inpatient	11	*6	*5	*	*	*	*	*	*	*	*	
81.06	*8	*	*	*	*	*	*	*	*	*	*	
Ambulatory	-	-	-	-	-	-	-	-	-	-	-	
Inpatient	*8	*	*	*	*	*	*	*	*	*	*	
81.07	16	*7	*9	-	*	*7	*	*	*6	*7	*	
Ambulatory	*	-	*	-	-	-	-	-	-	*	-	
Inpatient	16	*7	*9	-	*	*7	*	*	*6	*7	*	
81.08	41	19	22	*	17	15	*8	*8	*7	15	10	
Ambulatory	-	-	-	-	-	-	-	-	-	-	-	
Inpatient	41	19	22	*	17	15	*8	*8	*7	15	10	
81.09	11	*7	*	*	*7	*	*	*	*	*6	*	
Ambulatory	*	-	*	-	*	-	-	-	-	*	-	
Inpatient	11	*7	*	*	*7	*	*	*	*	*6	*	
81.1	24	*8	16	*	*7	11	*5	*	*7	*6	*6	
Ambulatory	*	*	*	*	*	*	*	*	*	*	*	
Inpatient	16	*6	10	*	*5	*7	*	*	*	*	*	
81.11	*8	*	*	*	*	*	*	*	*	*	*	
Ambulatory	*	*	*	-	*	*	-	-	*	*	-	
Inpatient	*7	*	*	*	*	*	*	*	*	*	*	
81.2	33	15	18	*	13	10	*9	*	*9	*7	13	
Ambulatory	23	*11	*12	*	*	*	*	*	*	*	*10	
Inpatient	10	*	*6	*	*5	*	*	*	*	*	*	
81.26	11	*6	*	*	*6	*	*	*	*	*	*	
Ambulatory	*	*	*	-	*	*	*	*	*	*	*	
Inpatient	*	*	*	*	*	*	*	*	*	*	*	
81.28	12	*	*8	*	*	*	*	*	*	*	*	
Ambulatory	*	*	*	*	*	*	*	*	*	*	*	
Inpatient	*	*	*	-	*	*	*	*	*	*	*	
81.4	342	194	148	*	201	98	38	71	80	98	92	
Ambulatory	272	157	115	*	154	88	28	51	66	76	79	
Inpatient	70	36	33	*	47	10	10	20	15	22	13	
81.40	*6	*	*6	*	-	*	*5	*	*	*	*	
Ambulatory	*	-	*	-	-	-	*	-	-	*	-	
Inpatient	*6	*	*5	*	-	*	*	*	*	*	*	
81.44	*7	*	*	*	*6	*	*	*	*	*	*	
Ambulatory	*	-	*	-	*	*	-	*	*	-	*	
Inpatient	*	*	*	*	*	*	*	*	*	*	*	
81.45	103	65	38	*	90	10	*	21	20	27	35	
Ambulatory	67	45	22	*	59	*	*	*10	*12	*15	30	
Inpatient	35	20	16	*	31	*	*	10	*9	11	*	
81.46	*7	*6	*	-	*5	*	*	*	*	*	*	
Ambulatory	*	*	-	-	*	*	*	*	*	*	*	
Inpatient	*	*	*	-	*	*	-	*	*	*	*	
81.47	209	116	93	*	93	84	30	44	55	62	48	
Ambulatory	190	105	85	*	84	78	26	37	51	57	45	
Inpatient	19	11	*8	*	*9	*6	*	*7	*	*5	*	
81.49	*10	*5	*	*	*7	*	*	*	*	*	*	
Ambulatory	*	*	*	*	*	*	*	*	*	*	*	
Inpatient	*	*	*	*	*	*	*	*	*	*	*	

\* Figure does not meet standard of reliability or precision.  
 - Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region				
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West	
Number of procedures in thousands												
81.5	544	194	350	*	21	120	403	112	156	177	100	
Ambulatory	*	*	*	*	*	*	*	*	*	*	*	
Inpatient	536	191	345	*	19	116	400	111	155	173	98	
81.51	139	57	82	—	*8	35	96	29	42	41	27	
Ambulatory	*	—	*	—	—	—	*	—	—	*	—	
Inpatient	138	57	81	—	*8	35	95	29	42	40	27	
81.52	103	25	78	—	*	*9	93	23	28	31	21	
Ambulatory	*	*	—	—	—	—	—	*	—	—	—	
Inpatient	103	25	78	—	*	*9	93	23	28	31	21	
81.53	30	14	16	—	*	*9	17	*10	*5	11	*	
Ambulatory	—	—	—	—	—	—	—	—	—	—	—	
Inpatient	30	14	16	—	*	*9	17	*10	*5	11	*	
81.54	247	89	158	—	*	61	182	46	75	83	43	
Ambulatory	*	*	*	—	—	*	*	*	—	*	*	
Inpatient	245	88	157	—	*	59	181	46	75	82	42	
81.55	21	*7	13	*	*	*	14	*	*5	*8	*	
Ambulatory	*	—	*	—	—	*	*	—	*	*	—	
Inpatient	20	*7	12	*	*	*	14	*	*	*8	*	
81.7	32	13	19	*	10	14	*6	*7	*8	*7	*9	
Ambulatory	28	*11	*18	*	*	*12	*	*	*	*	*	
Inpatient	*	*	*	*	*	*	*	*	*	*	*	
81.72	16	*6	10	*	*6	*6	*	*	*	*	*	
Ambulatory	*14	*	*	*	*	*	*	*	*	*	*	
Inpatient	*	*	*	*	*	*	*	*	*	*	—	
81.75	10	*5	*	*	*	*6	*	*	*	*	*	
Ambulatory	*	*	*	*	*	*	*	*	*	*	*	
Inpatient	*	*	*	—	*	*	*	*	—	*	—	
81.8	164	95	69	*	58	64	40	32	41	40	49	
Ambulatory	95	60	35	*	41	38	*15	*15	22	23	36	
Inpatient	69	35	34	*	18	25	25	18	20	18	14	
81.80	*6	*	*	*	*	*	*	*	*	*	*	
Ambulatory	*	—	*	—	—	*	*	—	*	*	—	
Inpatient	*5	*	*	*	*	*	*	*	*	*	*	
81.81	*10	*	*7	—	*	*	*6	*	*	*	*	
Ambulatory	*	*	*	—	*	*	—	*	*	*	*	
Inpatient	*9	*	*7	—	*	*	*6	*	*	*	*	
81.82	14	*9	*	*	11	*	*	*	*	*	*	
Ambulatory	*	*	*	*	*	*	*	*	*	*	*	
Inpatient	*7	*	*	*	*5	*	*	*	*	*	*	
81.83	131	79	52	—	45	57	28	27	31	32	41	
Ambulatory	86	54	32	—	34	37	*15	*14	*19	20	32	
Inpatient	45	25	20	—	11	20	14	13	13	11	*9	
81.9	144	73	71	*9	48	38	49	35	33	56	21	
Ambulatory	69	29	40	*	33	24	*	*14	*11	34	*	
Inpatient	75	44	31	*6	15	14	40	21	21	22	11	
81.91	55	33	22	*8	10	*9	28	16	14	17	*8	
Ambulatory	*	*	*	*	*	*	*	*	*	*	*	
Inpatient	50	30	20	*5	*9	*8	28	14	13	15	*8	
81.92	70	27	43	*	28	23	19	15	14	32	*8	
Ambulatory	56	21	35	*	27	*20	*	*11	*	28	*	
Inpatient	14	*6	*8	*	*	*	10	*	*	*	*	
81.96	*6	*	*	*	*	*	*	*	*	*	*	
Ambulatory	*	*	*	*	*	*	*	*	*	*	*	
Inpatient	*	*	*	*	*	*	*	*	*	*	*	
82	363	172	191	15	155	127	67	66	94	115	87	
Ambulatory	329	152	177	*11	136	119	63	57	86	103	82	
Inpatient	35	20	14	*	19	*8	*	*9	*8	12	*5	
82.0	109	38	71	*	26	51	29	20	25	39	25	
Ambulatory	99	34	65	*	23	47	27	*18	23	35	23	
Inpatient	10	*	*6	*	*	*	*	*	*	*	*	

\* Figure does not meet standard of reliability or precision.  
 — Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
82.01 . . . . .	100	32	68	*	23	48	28	20	22	34	24
Ambulatory . . . . .	96	31	65	*	20	46	27	*17	21	34	23
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
82.09 . . . . .	*5	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	—
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
82.1 . . . . .	16	11	*5	*	*7	*	*	*	*	*6	*
Ambulatory . . . . .	*11	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	—
82.11 . . . . .	11	*8	*	—	*6	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	—	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	—	*	*	*	*	*	*	—
82.2 . . . . .	114	43	71	*5	63	31	14	20	33	36	26
Ambulatory . . . . .	112	43	70	*	63	30	*14	*19	33	35	26
Inpatient . . . . .	*	*	*	—	*	*	*	*	*	*	*
82.21 . . . . .	107	40	67	*5	61	29	13	19	31	33	25
Ambulatory . . . . .	106	39	66	*	60	28	*13	*18	31	32	24
Inpatient . . . . .	*	*	*	—	*	*	*	*	*	*	*
82.29 . . . . .	*7	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	—	*	—	*	*	—	*	—
82.3 . . . . .	35	23	12	*	*7	19	10	*9	*10	11	*6
Ambulatory . . . . .	34	23	*11	—	*	*18	*	*	*	*10	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
82.33 . . . . .	13	*6	*8	—	*	*6	*	*	*	*	*
Ambulatory . . . . .	*12	*	*	—	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	—	*	*	*	—	*	*	*
82.35 . . . . .	20	17	*	—	*	11	*7	*7	*	*6	*
Ambulatory . . . . .	*20	*17	*	—	*	*11	*	*	*	*	*
Inpatient . . . . .	*	*	*	—	—	*	*	*	—	*	—
82.4 . . . . .	30	22	*8	*	20	*6	*	*	*8	10	*8
Ambulatory . . . . .	*19	*14	*	*	*12	*	*	*	*	*	*
Inpatient . . . . .	11	*8	*	*	*8	*	*	*	*	*	*
82.44 . . . . .	10	*8	*	*	*9	*	*	*	*	*5	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	—	*	*	*	*	*
82.45 . . . . .	17	12	*	*	*10	*	*	*	*5	*	*6
Ambulatory . . . . .	*12	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*5	*	*	*	*	*	*	*	*	*	*
82.5 . . . . .	*9	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
82.56 . . . . .	*6	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
82.7 . . . . .	*6	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	—	*	*	*	*	*	—	*
82.8 . . . . .	27	17	*10	*	16	*6	*	*7	*6	*6	*8
Ambulatory . . . . .	26	*16	*	*	*15	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	—	*	*	*	*
82.86 . . . . .	22	13	*9	*	13	*5	*	*	*	*	*8
Ambulatory . . . . .	22	*12	*	*	*12	*	*	*	*	*	*
Inpatient . . . . .	*	*	—	—	*	*	—	*	*	*	*
82.9 . . . . .	17	*9	*8	*	*9	*	*	*	*	*	*7
Ambulatory . . . . .	*16	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	—	*	*
82.91 . . . . .	13	*7	*6	*	*7	*	*	*	*	*	*
Ambulatory . . . . .	*12	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	—	*	—

\* Figure does not meet standard of reliability or precision.  
 — Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
83	552	296	255	41	189	201	120	122	144	157	130
Ambulatory	335	168	168	*16	124	135	60	65	94	98	78
Inpatient	216	129	88	25	65	67	60	57	49	59	51
83.0	23	15	*8	*	11	*8	*	*7	*5	*7	*5
Ambulatory	*10	*	*	*	*	*	*	*	*	*	*
Inpatient	13	*9	*	*	*6	*	*	*	*	*	*
83.01	*7	*	*	*	*	*	*	*	*	*	*
Ambulatory	*	*	*	*	*	*	*	*	*	*	*
Inpatient	*	*	*	—	*	*	*	*	*	*	*
83.09	*9	*6	*	*	*	*	*	*	*	*	*
Ambulatory	*	*	*	—	*	*	*	*	*	*	*
Inpatient	*6	*	*	*	*	*	*	*	*	*	*
83.1	85	30	55	12	34	28	11	23	21	24	17
Ambulatory	59	*15	44	*	26	24	*	*14	*16	*17	*12
Inpatient	26	15	11	*9	*8	*	*	*8	*5	*7	*5
83.12	*5	*	*	*	*	*	*	*	*	*	*
Ambulatory	*	*	*	—	*	—	—	*	*	*	*
Inpatient	*	*	*	*	*	—	*	*	*	*	*
83.13	20	*5	14	*	*	*7	*	*	*	*5	*
Ambulatory	*13	*	*	*	*	*	*	*	*	*	*
Inpatient	*7	*	*	*	*	*	*	*	*	*	*
83.14	56	21	35	*	27	20	*	15	14	16	11
Ambulatory	43	*11	32	*	21	*17	*	*12	*11	*13	*
Inpatient	13	*10	*	*	*6	*	*	*	*	*	*
83.2	27	14	13	*	*9	*7	*9	*	*7	*10	*6
Ambulatory	*15	*	*	*	*	*	*	*	*	*	*
Inpatient	12	*7	*	*	*	*	*	*	*	*	*
83.21	27	14	13	*	*8	*7	*9	*	*7	*9	*6
Ambulatory	*15	*	*	*	*	*	*	*	*	*	*
Inpatient	11	*6	*	*	*	*	*	*	*	*	*
83.3	73	33	40	*	27	24	18	15	19	23	16
Ambulatory	59	24	35	*	22	20	*13	*	*17	20	*12
Inpatient	14	*9	*5	*	*	*	*	*5	*	*	*
83.31	14	*	*9	*	*5	*5	*	*	*	*	*
Ambulatory	*14	*	*	*	*	*	*	*	*	*	*
Inpatient	*	*	*	—	—	*	*	*	*	*	—
83.32	*8	*	*	*	*	*	*	*	*	*	*
Ambulatory	*	*	*	*	*	*	*	*	*	*	*
Inpatient	*	*	*	*	*	*	*	*	*	*	*
83.39	50	23	27	*	17	18	13	11	12	17	10
Ambulatory	39	*17	22	*	*14	*14	*	*	*11	*15	*
Inpatient	11	*6	*	*	*	*	*	*	*	*	*
83.4	41	19	22	*	13	17	10	10	12	12	*7
Ambulatory	23	*	*15	*	*	*11	*	*	*	*	*
Inpatient	18	11	*8	*	*6	*6	*6	*5	*	*5	*
83.42	13	*5	*8	*	*	*7	*	*	*5	*	*
Ambulatory	*11	*	*	*	*	*	*	*	*	*	*
Inpatient	*	*	*	*	*	*	*	*	*	*	*
83.44	*6	*	*	—	*	*	*	*	*	*	*
Ambulatory	*	*	*	—	*	*	*	*	*	*	*
Inpatient	*	*	*	—	*	*	*	*	*	*	—
83.45	12	*8	*	*	*5	*	*	*	*	*	*
Ambulatory	*	*	*	—	*	*	*	*	*	*	*
Inpatient	*9	*6	*	*	*	*	*	*	*	*	*
83.49	*6	*	*	*	*	*	*	*	*	*	*
Ambulatory	*	*	*	*	*	*	*	*	*	*	*
Inpatient	*	*	*	*	*	*	*	*	*	*	*
83.5	42	29	13	*	12	19	11	*9	11	13	*8
Ambulatory	32	23	*	*	*	*15	*	*	*	*11	*
Inpatient	*10	*6	*	*	*	*	*	*	*	*	*

\* Figure does not meet standard of reliability or precision.  
 — Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
83.6 . . . . .	140	92	48	*	34	64	39	24	35	37	44
Ambulatory . . . . .	67	47	20	*	*15	35	*16	*	*16	*16	26
Inpatient . . . . .	73	45	27	*	19	28	23	14	20	21	18
83.63 . . . . .	105	66	38	*	15	53	36	17	27	28	33
Ambulatory . . . . .	54	37	*17	—	*	30	*16	*	*13	*13	21
Inpatient . . . . .	51	29	22	*	*6	24	20	10	14	14	12
83.64 . . . . .	24	20	*	*	13	*7	*	*	*5	*6	*8
Ambulatory . . . . .	*10	*	*	*	*	*	—	*	*	*	*
Inpatient . . . . .	14	11	*	*	*9	*	*	*	*	*	*
83.65 . . . . .	*9	*5	*	*	*5	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	—	*	*	*	*
Inpatient . . . . .	*7	*	*	*	*	*	*	*	*	*	*
83.7 . . . . .	16	*	11	*	*6	*6	*	*	*	*5	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*8	*	*	*	*	*	*	*	*	*	*
83.75 . . . . .	*9	*	*6	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
83.8 . . . . .	76	49	27	14	32	18	11	20	18	20	18
Ambulatory . . . . .	45	31	*14	*	23	*12	*	*10	*11	*12	*11
Inpatient . . . . .	31	18	13	*8	*9	*7	*7	10	*6	*8	*7
83.82 . . . . .	*9	*6	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	—	*	*	*	*
Inpatient . . . . .	*7	*5	*	*	*	*	*	*	*	*	*
83.85 . . . . .	19	10	*8	*10	*	*	*	*6	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*10	*5	*	*6	*	*	*	*	*	*	*
83.88 . . . . .	32	23	*9	*	17	*9	*	*6	*7	*8	11
Ambulatory . . . . .	26	*20	*	*	*15	*	*	*	*	*	*
Inpatient . . . . .	*6	*	*	*	*	*	*	*	*	*	*
83.9 . . . . .	29	11	17	*	12	*10	*7	*6	11	*6	*
Ambulatory . . . . .	*17	*	*12	*	*	*	*	*	*	*	*
Inpatient . . . . .	12	*6	*5	*	*	*	*	*	*	*	*
83.98 . . . . .	12	*	*9	*	*6	*	*	*	*7	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	—	*	—	*	*	*	*	*
84 . . . . .	205	129	76	*	30	63	109	43	49	76	36
Ambulatory . . . . .	33	21	*12	*	*10	*12	*10	*	*	*13	*
Inpatient . . . . .	171	108	63	*	20	51	99	39	40	64	29
84.0 . . . . .	26	21	*	*	10	11	*	*	*7	12	*6
Ambulatory . . . . .	*10	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	15	13	*	*	*6	*7	*	*	*	*5	*
84.01 . . . . .	23	19	*	*	*9	*10	*	*	*6	10	*6
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	14	12	*	*	*	*6	*	*	*	*	*
84.1 . . . . .	159	94	64	*	14	47	98	37	38	56	27
Ambulatory . . . . .	*17	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	141	85	56	*	11	41	90	34	33	52	22
84.11 . . . . .	59	35	24	*	*7	19	33	15	17	18	*10
Ambulatory . . . . .	*15	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	44	27	18	—	*	15	26	12	12	15	*6
84.12 . . . . .	18	12	*7	*	*	*8	*10	*5	*	*8	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	16	11	*	*	*	*6	*9	*5	*	*6	*
84.15 . . . . .	42	27	15	—	*	12	25	11	*8	15	*8
Ambulatory . . . . .	—	—	—	—	—	—	—	—	—	—	—
Inpatient . . . . .	42	27	15	—	*	12	25	11	*8	15	*8
84.17 . . . . .	36	18	18	—	*	*7	28	*6	*10	15	*6
Ambulatory . . . . .	—	—	—	—	—	—	—	—	—	—	—
Inpatient . . . . .	36	18	18	—	*	*7	28	*6	*10	15	*6

\* Figure does not meet standard of reliability or precision.  
 — Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
84.3 . . . . .	17	11	*6	*	*5	*	*7	*	*	*7	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	13	*8	*	*	*	*	*7	*	*	*6	*
85-86 . . . . .	3,679	1,251	2,428	198	1,295	1,189	997	808	919	1,192	761
Ambulatory . . . . .	2,389	678	1,711	120	893	829	547	485	637	750	516
Inpatient . . . . .	1,290	572	718	78	402	360	450	323	281	442	245
85 . . . . .	1,171	45	1,125	*	428	464	273	242	281	386	261
Ambulatory . . . . .	961	41	920	*	374	382	200	191	234	318	217
Inpatient . . . . .	210	*	205	*	54	83	73	50	47	68	44
85.0 . . . . .	12	*	12	*	*6	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
85.1 . . . . .	372	12	360	*	116	157	98	80	99	108	86
Ambulatory . . . . .	355	*12	343	*	113	151	89	75	94	102	84
Inpatient . . . . .	18	*	17	-	*	*6	*9	*5	*	*6	*
85.11 . . . . .	208	*8	200	*	64	85	58	47	53	56	52
Ambulatory . . . . .	200	*	193	*	63	83	54	45	52	53	51
Inpatient . . . . .	*7	*	*7	-	*	*	*	*	*	*	*
85.12 . . . . .	115	*	110	*	43	48	24	24	32	39	20
Ambulatory . . . . .	106	*	102	*	41	45	*20	22	29	36	*19
Inpatient . . . . .	*9	*	*8	-	*	*	*	*	*	*	*
85.19 . . . . .	50	*	50	-	*10	24	16	*9	14	14	14
Ambulatory . . . . .	48	*	48	-	*	23	*15	*	*14	*13	*14
Inpatient . . . . .	*	-	*	-	*	*	*	*	*	*	*
85.2 . . . . .	410	14	396	*	144	158	105	93	99	134	85
Ambulatory . . . . .	373	*13	360	*	137	144	89	80	92	124	76
Inpatient . . . . .	37	*	36	-	*7	14	16	12	*6	10	*9
85.21 . . . . .	366	12	353	*	132	140	91	82	89	121	73
Ambulatory . . . . .	341	*12	329	*	127	130	81	74	84	114	69
Inpatient . . . . .	25	*	24	-	*5	*10	*10	*9	*	*8	*
85.22 . . . . .	*8	*	*8	-	*	*	*	*	*	*	*
Ambulatory . . . . .	*	-	*	-	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	-	*	*	*	*	*	*	*
85.23 . . . . .	28	*	28	-	*7	11	10	*8	*7	*6	*8
Ambulatory . . . . .	*19	*	*19	-	*	*	*	*	*	*	*
Inpatient . . . . .	*10	*	*10	-	*	*	*6	*	*	*	*
85.3 . . . . .	64	*10	54	*	43	15	*6	16	12	20	16
Ambulatory . . . . .	43	*	34	*	27	*11	*	*	*	*15	*12
Inpatient . . . . .	22	*	21	*	16	*	*	*9	*	*	*
85.32 . . . . .	49	*	47	*	37	*10	*	12	*9	16	12
Ambulatory . . . . .	30	*	28	*	22	*	*	*	*	*12	*
Inpatient . . . . .	20	*	19	*	15	*	*	*8	*	*	*
85.34 . . . . .	*7	*7	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	-	*	*	*	*	-	*	*
85.4 . . . . .	113	*5	108	*	16	47	50	20	31	43	20
Ambulatory . . . . .	24	*	20	*	*	*11	*	*	*	*11	*
Inpatient . . . . .	89	*	87	*	10	36	42	15	26	32	16
85.41 . . . . .	20	*	17	*	*	*7	*9	*	*	*7	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	13	-	13	-	*	*	*7	*	*	*	*
85.43 . . . . .	86	*	85	*	10	38	37	15	26	32	13
Ambulatory . . . . .	*13	*	*13	-	*	*	*	*	*	*	*
Inpatient . . . . .	72	*	71	*	*8	31	34	12	23	26	11
85.5 . . . . .	72	*	71	-	52	18	*	*6	16	31	19
Ambulatory . . . . .	65	*	65	-	50	*14	*	*	*15	29	*16
Inpatient . . . . .	*7	*	*6	-	*	*	*	*	*	*	*
85.50 . . . . .	29	*	29	-	26	*	-	*	*	17	*7
Ambulatory . . . . .	29	*	29	-	26	*	-	*	*	*17	*
Inpatient . . . . .	-	-	-	-	-	-	-	-	-	-	-

\* Figure does not meet standard of reliability or precision.  
 - Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
85.53 . . . . .	12	*	12	-	*	*8	*	*	*	*	*
Ambulatory . . . . .	*	*	*	-	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	-	*	*	*	*	*	*	*
85.54 . . . . .	30	*	30	-	22	*7	*	*	10	*10	*6
Ambulatory . . . . .	27	*	27	-	20	*	*	*	*	*	*
Inpatient . . . . .	*	-	*	-	*	*	-	*	*	*	*
85.6 . . . . .	14	*	14	-	*7	*7	*	*	*	*	*
Ambulatory . . . . .	*12	*	*11	-	*	*	*	*	*	*	*
Inpatient . . . . .	*	-	*	-	*	*	*	*	*	*	*
85.7 . . . . .	16	-	16	-	*6	*9	*	*	*	*5	*
Ambulatory . . . . .	*	-	*	-	*	*	*	*	*	*	*
Inpatient . . . . .	12	-	12	-	*	*6	*	*	*	*	*
85.8 . . . . .	31	*	30	*	14	15	*	*7	*6	11	*7
Ambulatory . . . . .	25	*	24	*	*10	*13	*	*	*	*	*
Inpatient . . . . .	*6	*	*6	*	*	*	*	*	*	*	*
85.87 . . . . .	14	*	13	-	*6	*7	*	*	*	*	*
Ambulatory . . . . .	*13	*	*12	-	*	*	*	*	*	*	*
Inpatient . . . . .	*	-	*	-	*	*	-	*	*	*	*
85.89 . . . . .	*9	-	*9	*	*	*6	*	*	*	*	*
Ambulatory . . . . .	*	-	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	-	*	*	*	*	*	*	*	*	*
85.9 . . . . .	65	*	64	*	25	33	*6	*9	11	26	19
Ambulatory . . . . .	51	*	51	-	21	26	*	*	*	22	*15
Inpatient . . . . .	13	-	13	*	*	*7	*	*	*	*	*
85.93 . . . . .	*8	*	*8	-	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	-	*	*	*	*	*	*	*
Inpatient . . . . .	*	-	*	-	*	*	-	*	*	*	*
85.94 . . . . .	26	*	26	-	11	13	*	*	*	11	*9
Ambulatory . . . . .	23	*	22	-	*	*11	*	*	*	*	*
Inpatient . . . . .	*	-	*	-	*	*	*	*	*	*	*
85.95 . . . . .	*9	-	*9	*	*	*7	*	*	*	*	*
Ambulatory . . . . .	*	-	*	-	*	*	-	*	*	*	*
Inpatient . . . . .	*6	-	*6	*	*	*	*	*	*	*	*
85.96 . . . . .	*9	-	*9	-	*	*6	*	*	*	*	*
Ambulatory . . . . .	*	-	*	-	*	*	*	*	*	*	*
Inpatient . . . . .	*	-	*	-	*	*	*	*	*	*	*
85.99 . . . . .	*6	-	*6	-	*	*	*	*	*	*	*
Ambulatory . . . . .	*	-	*	-	*	*	*	*	*	*	*
Inpatient . . . . .	*	-	*	-	-	-	*	-	-	*	-
86 . . . . .	2,508	1,206	1,303	194	866	724	724	566	637	806	499
Ambulatory . . . . .	1,428	638	790	116	519	447	347	294	403	432	299
Inpatient . . . . .	1,080	568	513	78	347	278	378	272	234	374	201
86.0 . . . . .	518	243	275	53	157	151	158	117	114	181	106
Ambulatory . . . . .	218	95	123	21	66	69	62	41	54	79	44
Inpatient . . . . .	300	148	152	32	91	82	96	76	61	102	61
86.01 . . . . .	17	*8	*9	*	*	*5	*	*	*6	*6	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	13	*6	*7	*	*	*	*	*	*	*	*
86.04 . . . . .	140	76	65	16	53	36	36	30	34	42	34
Ambulatory . . . . .	34	*18	*15	*	*13	*	*	*	*12	*	*
Inpatient . . . . .	107	58	49	10	40	27	29	26	22	33	26
86.05 . . . . .	82	36	46	15	34	20	13	16	14	31	21
Ambulatory . . . . .	58	26	32	*10	24	*13	*	*11	*11	22	*14
Inpatient . . . . .	24	10	13	*	*10	*7	*	*5	*	*8	*7
86.06 . . . . .	10	*6	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	-	*	*	*	-	*	*	*
Inpatient . . . . .	*9	*6	*	*	*	*	*	*	*	*	*
86.07 . . . . .	223	96	127	16	40	75	92	58	45	83	37
Ambulatory . . . . .	101	42	60	*	*15	42	42	23	22	39	*18
Inpatient . . . . .	122	55	67	13	25	33	50	35	23	44	19

\* Figure does not meet standard of reliability or precision.  
 - Quantity zero.



**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region				
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West	
Number of procedures in thousands												
86.09 . . . . .	41	20	21	*	15	11	*10	*9	10	14	*8	
Ambulatory . . . . .	*16	*	*	*	*	*	*	*	*	*	*	
Inpatient . . . . .	25	13	12	*	*7	*8	*7	*7	*	*8	*	
86.1 . . . . .	65	28	36	*7	15	17	26	22	18	15	*10	
Ambulatory . . . . .	34	*12	22	*	*	*10	*11	*10	*12	*	*	
Inpatient . . . . .	31	16	15	*	*7	*7	15	11	*6	*9	*	
86.11 . . . . .	63	28	36	*6	15	17	26	21	17	15	*10	
Ambulatory . . . . .	33	*11	22	*	*	*10	*11	*	*11	*	*	
Inpatient . . . . .	31	16	14	*	*7	*7	15	11	*6	*9	*	
86.2 . . . . .	561	301	260	32	182	151	195	129	137	191	104	
Ambulatory . . . . .	170	82	88	*13	78	43	35	28	47	53	43	
Inpatient . . . . .	390	219	172	19	103	108	160	101	90	138	61	
86.21 . . . . .	33	21	12	*	28	*	*	*10	*6	*10	*8	
Ambulatory . . . . .	30	20	*	*	26	*	*	*	*	*	*	
Inpatient . . . . .	*	*	*	*	*	*	—	*	*	*	*	
86.22 . . . . .	310	179	131	14	88	90	118	76	69	117	48	
Ambulatory . . . . .	31	*16	*14	*	*	*10	*	*	*11	*11	*	
Inpatient . . . . .	279	163	116	13	79	80	108	72	58	106	43	
86.23 . . . . .	47	23	24	*6	16	14	10	*8	16	19	*5	
Ambulatory . . . . .	33	*15	*18	*	*15	*	*	*	*10	*13	*	
Inpatient . . . . .	15	*9	*6	*	*	*7	*6	*	*5	*6	*	
86.24 . . . . .	*8	*	*5	*	*	*	*	*	*	*	*	
Ambulatory . . . . .	*	*	—	*	*	*	*	*	*	*	*	
Inpatient . . . . .	*	*	—	*	—	—	*	*	—	*	—	
86.25 . . . . .	28	*	23	*	*10	13	*	*	*	*8	16	
Ambulatory . . . . .	27	*	22	*	*	*13	*	*	*	*	*15	
Inpatient . . . . .	*	—	*	—	*	*	—	*	—	*	*	
86.27 . . . . .	32	15	17	*	*	*6	24	14	*10	*5	*	
Ambulatory . . . . .	*	*	*	—	*	*	*	*	*	*	*	
Inpatient . . . . .	31	14	17	*	*	*5	24	13	*10	*	*	
86.28 . . . . .	101	54	47	*8	34	24	34	20	29	31	21	
Ambulatory . . . . .	40	22	*18	*	*15	*	*13	*	*13	*12	*	
Inpatient . . . . .	61	32	29	*	19	16	22	13	16	20	13	
86.3 . . . . .	723	326	396	59	262	213	189	166	224	208	124	
Ambulatory . . . . .	662	307	355	56	237	199	170	153	211	187	110	
Inpatient . . . . .	61	19	41	*	24	15	19	13	12	21	14	
86.4 . . . . .	59	29	30	*	18	20	19	15	13	17	14	
Ambulatory . . . . .	45	23	22	*	*15	*16	*12	*11	*10	*12	*11	
Inpatient . . . . .	14	*6	*8	*	*	*	*7	*	*	*5	*	
86.5 . . . . .	199	121	78	16	94	35	54	43	50	63	44	
Ambulatory . . . . .	40	23	*16	*	*18	*	*	*	*11	*13	*	
Inpatient . . . . .	160	98	62	11	76	26	47	35	40	50	35	
86.59 . . . . .	199	121	78	16	94	35	54	43	50	63	43	
Ambulatory . . . . .	40	23	*16	*	*18	*	*	*	*11	*13	*	
Inpatient . . . . .	159	97	62	11	75	26	47	35	40	50	35	
86.6 . . . . .	117	69	48	*9	36	33	39	27	30	37	22	
Ambulatory . . . . .	52	31	21	*	*14	*17	*18	*	*16	*16	*11	
Inpatient . . . . .	65	38	27	*6	23	16	20	18	14	22	11	
86.60 . . . . .	*5	*	*	*	*	*	*	*	*	*	*	
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*	
Inpatient . . . . .	*	*	—	*	—	*	—	—	—	*	—	
86.61 . . . . .	*6	*	*	*	*	*	*	*	*	*	*	
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*	
Inpatient . . . . .	*	*	*	*	*	*	—	*	*	*	*	
86.62 . . . . .	*10	*8	*	*	*	*	*	*	*	*	*	
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*	
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*	
86.63 . . . . .	13	*7	*6	*	*	*	*	*	*	*	*	
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*	
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*	

\* Figure does not meet standard of reliability or precision.  
 — Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
86.69 . . . . .	76	43	33	*	22	19	30	19	21	23	13
Ambulatory . . . . .	27	*15	*11	*	*	*	*12	*	*	*	*
Inpatient . . . . .	49	28	22	*	16	12	18	14	12	15	*8
86.7 . . . . .	74	42	32	*	22	23	25	18	16	24	16
Ambulatory . . . . .	46	27	*19	*	*14	*15	*14	*11	*11	*12	*11
Inpatient . . . . .	28	15	13	*	*8	*8	10	*7	*5	12	*
86.70 . . . . .	12	*7	*5	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	-	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
86.72 . . . . .	12	*6	*6	*	*	*	*5	*	*	*6	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
86.73 . . . . .	*7	*6	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
86.74 . . . . .	32	17	15	*	*6	12	11	*8	*8	*9	*7
Ambulatory . . . . .	*17	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	15	*8	*7	*	*	*	*6	*	*	*6	*
86.75 . . . . .	*8	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	-	*	*	*	*	*	*	*
86.8 . . . . .	186	41	144	*10	77	79	20	29	33	65	59
Ambulatory . . . . .	156	33	123	*	65	66	*17	23	29	52	53
Inpatient . . . . .	30	*8	22	*	12	13	*	*6	*	13	*6
86.82 . . . . .	42	*	37	-	*5	30	*7	*	*	18	15
Ambulatory . . . . .	40	*	35	-	*	28	*	*	*	*16	*15
Inpatient . . . . .	*	*	*	-	*	*	*	*	-	*	*
86.83 . . . . .	84	*8	76	*	44	36	*	15	12	28	29
Ambulatory . . . . .	71	*	63	*	38	29	*	*11	*10	23	26
Inpatient . . . . .	14	*	13	*	*6	*7	*	*	*	*	*
86.84 . . . . .	23	11	12	*	12	*	*	*	*6	*7	*7
Ambulatory . . . . .	*19	*	*	*	*10	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
86.89 . . . . .	29	12	17	*	13	*7	*6	*	*9	*9	*6
Ambulatory . . . . .	22	*	*14	*	*10	*	*	*	*	*	*
Inpatient . . . . .	*7	*	*	*	*	*	*	*	*	*	*
86.9 . . . . .	*8	*	*	*	*	*	-	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	-	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
87-99 . . . . .	15,663	7,651	8,012	995	3,428	4,276	6,964	4,447	3,243	4,506	3,467
Ambulatory . . . . .	3,058	1,496	1,562	154	741	1,013	1,150	656	728	1,072	603
Inpatient . . . . .	12,604	6,155	6,449	841	2,687	3,263	5,813	3,791	2,515	3,434	2,864
87 . . . . .	1,716	786	930	76	449	463	727	434	318	521	443
Ambulatory . . . . .	482	199	284	*17	166	158	141	103	111	192	76
Inpatient . . . . .	1,233	587	646	59	283	305	586	331	207	328	367
87.0 . . . . .	526	256	270	34	100	104	288	172	78	117	159
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	519	253	267	29	99	104	287	172	77	115	155
87.03 . . . . .	522	253	269	34	99	102	287	171	77	115	159
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	516	250	266	29	98	102	287	171	77	113	155
87.1 . . . . .	*8	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
87.12 . . . . .	*6	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	-	*	*	-	-	-	*	*	-	-
87.2 . . . . .	131	66	66	*	49	51	30	35	18	59	20
Ambulatory . . . . .	87	41	45	*	35	35	*17	30	*	37	*12
Inpatient . . . . .	45	24	21	*	14	17	14	*5	*10	22	*8

\* Figure does not meet standard of reliability or precision.  
- Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
87.21 . . . . .	120	59	61	*	45	48	26	35	14	56	15
Ambulatory . . . . .	84	40	44	—	35	33	*16	30	*	36	*11
Inpatient . . . . .	35	19	17	*	10	14	10	*	*6	20	*
87.3 . . . . .	40	*	39	*	10	20	*10	*	10	18	*7
Ambulatory . . . . .	35	*	35	*	*	*17	*	*	*	*18	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
87.37 . . . . .	37	*	36	*	*8	19	*9	*	*10	17	*6
Ambulatory . . . . .	33	*	33	*	*	*17	*	*	*	*16	*
Inpatient . . . . .	*	*	*	—	*	*	*	*	*	*	*
87.4 . . . . .	230	120	111	*10	43	58	119	40	40	48	103
Ambulatory . . . . .	*15	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	216	112	104	*9	42	54	110	39	36	42	98
87.41 . . . . .	106	60	47	*	22	29	53	*	20	27	22
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	100	58	43	*	21	28	49	36	19	26	19
87.44 . . . . .	112	53	59	*7	20	25	60	*	17	16	77
Ambulatory . . . . .	*	*	*	—	*	*	*	—	*	*	*
Inpatient . . . . .	108	51	57	*7	19	24	58	*	16	14	76
87.49 . . . . .	10	*6	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	—	*	*	—	*	*	*
Inpatient . . . . .	*6	*	*	*	*	*	*	*	*	*	*
87.5 . . . . .	255	76	179	*	96	83	73	47	57	96	55
Ambulatory . . . . .	90	25	65	*	45	32	*13	*	23	35	22
Inpatient . . . . .	165	51	114	*	51	51	60	37	34	61	33
87.51 . . . . .	*6	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	—	*	—	—	—	*	*	—	—	—
Inpatient . . . . .	*6	*	*	*	*	*	*	*	*	*	*
87.53 . . . . .	229	66	163	*	88	74	65	43	50	88	48
Ambulatory . . . . .	77	21	56	*	40	26	*11	*	*18	33	*18
Inpatient . . . . .	152	45	107	*	48	48	54	35	31	56	30
87.54 . . . . .	16	*	12	—	*6	*7	*	*	*	*	*5
Ambulatory . . . . .	*12	*	*	—	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	—	*	*	*	*	*	*	*
87.6 . . . . .	108	48	60	*8	20	23	58	31	17	33	27
Ambulatory . . . . .	*12	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	96	44	52	*7	15	21	53	30	14	24	27
87.61 . . . . .	22	11	11	*	*	*	12	*6	*	*8	*
Ambulatory . . . . .	*	*	*	*	*	—	*	*	*	*	—
Inpatient . . . . .	19	10	*9	*	*	*	11	*6	*	*5	*
87.62 . . . . .	44	19	25	*	*8	*10	22	14	*	15	11
Ambulatory . . . . .	*	*	*	*	*	*	*	—	*	*	*
Inpatient . . . . .	38	17	21	*	*7	*8	18	14	*	10	11
87.63 . . . . .	12	*6	*6	*	*	*	*6	*	*	*	*
Ambulatory . . . . .	—	—	—	—	—	—	—	—	—	—	—
Inpatient . . . . .	12	*6	*6	*	*	*	*6	*	*	*	*
87.64 . . . . .	20	*9	11	*	*	*	14	*	*	*	*6
Ambulatory . . . . .	*	—	*	—	—	—	*	*	—	—	—
Inpatient . . . . .	19	*9	11	*	*	*	14	*	*	*	*6
87.7 . . . . .	412	214	198	17	125	122	148	103	93	147	69
Ambulatory . . . . .	227	113	114	*	65	67	88	58	58	85	26
Inpatient . . . . .	186	101	85	*9	61	55	61	45	35	63	43
87.73 . . . . .	64	33	31	*	27	21	15	19	12	18	15
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	56	30	26	*	25	18	12	18	*9	16	14
87.74 . . . . .	284	151	134	*5	82	87	110	70	68	109	37
Ambulatory . . . . .	188	97	91	*	56	56	74	49	47	71	21
Inpatient . . . . .	96	54	43	*	27	31	36	21	21	38	16
87.76 . . . . .	11	*6	*	*5	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*6	*	*	*	*	*	*	*	*	*	*

\* Figure does not meet standard of reliability or precision.  
 — Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
87.77 . . . . .	18	*6	13	*	*6	*	*8	*	*6	*7	*
Ambulatory . . . . .	*12	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*7	*	*	*	*	*	*	*	*	*	*
87.79 . . . . .	21	12	*9	*	*5	*7	*7	*	*	*	*9
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	12	*7	*5	*	*	*	*	*	*	*	*8
88 . . . . .	4,807	2,564	2,243	111	703	1,635	2,358	1,127	1,054	1,498	1,128
Ambulatory . . . . .	983	575	408	*15	110	386	473	155	245	315	268
Inpatient . . . . .	3,824	1,989	1,835	96	594	1,249	1,885	972	809	1,183	860
88.0 . . . . .	277	134	144	*10	74	75	119	87	45	63	83
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	268	129	139	*9	71	71	116	87	42	58	81
88.01 . . . . .	273	131	142	*10	73	74	117	87	44	63	79
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	263	126	137	*9	70	70	114	87	42	57	77
88.1 . . . . .	24	11	13	*	*7	*	*10	*	*	*9	11
Ambulatory . . . . .	*	*	*	*	*	—	*	—	*	—	*
Inpatient . . . . .	23	11	13	*	*7	*	*10	*	*	*9	11
88.19 . . . . .	19	*8	11	*	*5	*	*8	*	*	*7	*9
Ambulatory . . . . .	—	—	—	—	—	—	—	—	—	—	—
Inpatient . . . . .	19	*8	11	*	*5	*	*8	*	*	*7	*9
88.2 . . . . .	17	*8	*8	*	*	*	*9	*	*	*	*7
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	11	*	*7	*	*	*	*7	*	*	*	*7
88.26 . . . . .	*5	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	—	—	*	—	—	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
88.3 . . . . .	190	84	106	*8	56	57	69	64	19	59	48
Ambulatory . . . . .	68	22	45	*	21	27	*19	24	*	*18	*19
Inpatient . . . . .	122	62	61	*7	35	30	50	41	12	40	29
88.32 . . . . .	*8	*	*5	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
88.38 . . . . .	157	77	80	*6	48	43	61	60	14	47	36
Ambulatory . . . . .	45	*19	25	*	*14	*16	*14	20	*	*13	*
Inpatient . . . . .	113	58	55	*5	34	27	46	40	11	35	27
88.39 . . . . .	21	*	18	*	*6	*10	*5	*	*	*	10
Ambulatory . . . . .	*18	*	*16	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	—	*	*	*	—	*	*	*
88.4 . . . . .	571	317	254	*7	51	180	333	120	118	219	113
Ambulatory . . . . .	186	105	81	*	*11	61	113	33	21	73	59
Inpatient . . . . .	385	213	172	*6	40	119	220	87	98	146	54
88.40 . . . . .	19	14	*	*	*	*8	*9	*6	*	*	*7
Ambulatory . . . . .	*12	*	*	*	—	*	*	*	*	*	*
Inpatient . . . . .	*6	*	*	*	*	*	*	*	*	*	*
88.41 . . . . .	152	73	79	*	17	49	85	29	39	62	22
Ambulatory . . . . .	35	*19	*16	*	*	*14	*19	*	*	*15	*
Inpatient . . . . .	117	54	63	*	15	35	66	21	34	47	15
88.42 . . . . .	173	102	72	*	11	50	110	34	32	64	43
Ambulatory . . . . .	77	44	34	*	*	21	53	*13	*	24	31
Inpatient . . . . .	96	58	38	*	*8	29	58	20	23	40	13
88.43 . . . . .	19	*10	*10	*	*	*8	*7	*6	*	*6	*
Ambulatory . . . . .	*	*	*	*	*	*	*	—	*	*	—
Inpatient . . . . .	17	*8	*8	*	*	*7	*6	*6	*	*	*
88.45 . . . . .	20	*10	11	*	*	*10	*8	*	*	13	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	11	*	*7	*	*	*	*	*	*	*6	*
88.47 . . . . .	22	14	*8	*	*	*5	15	*	*	*8	*6
Ambulatory . . . . .	*	*	*	—	*	*	*	*	*	*	*
Inpatient . . . . .	17	11	*6	*	*	*	11	*	*	*	*

\* Figure does not meet standard of reliability or precision.  
 — Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
88.48 . . . . .	132	78	54	*	*9	38	85	33	27	47	25
Ambulatory . . . . .	37	*18	*19	*	*	*10	22	*	*	*16	*12
Inpatient . . . . .	95	60	35	*	*	27	63	29	22	31	13
88.49 . . . . .	29	15	14	*	*5	11	12	*5	*6	13	*5
Ambulatory . . . . .	*	*	*	—	*	*	*	*	*	*	*
Inpatient . . . . .	23	12	11	*	*	*10	*9	*	*	*9	*
88.5 . . . . .	2,185	1,323	862	11	186	951	1,037	396	553	815	421
Ambulatory . . . . .	605	371	234	*	55	258	291	81	163	184	177
Inpatient . . . . .	1,580	952	627	10	131	693	745	315	390	631	244
88.50 . . . . .	20	13	*7	*	*	*5	13	*	*	*8	*9
Ambulatory . . . . .	*14	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*6	*	*	*	*	*	*	*	*	*	*
88.51 . . . . .	*9	*5	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	—	*	*	—	*	—
Inpatient . . . . .	*7	*	*	*	*	*	*	*	*	*	*
88.53 . . . . .	912	552	360	*	80	407	423	163	230	347	172
Ambulatory . . . . .	258	159	100	*	24	115	118	34	73	82	69
Inpatient . . . . .	654	393	260	*	56	292	305	129	156	265	103
88.54 . . . . .	41	23	18	*	*	13	21	*9	*9	17	*6
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	33	19	15	*	*	11	16	*7	*8	15	*
88.55 . . . . .	21	13	*8	*	*	*9	*9	*6	*7	*8	*
Ambulatory . . . . .	*	*	*	—	*	*	*	*	*	*	—
Inpatient . . . . .	15	*9	*6	*	*	*6	*7	*	*	*7	*
88.56 . . . . .	947	568	379	*	83	417	446	185	246	343	172
Ambulatory . . . . .	182	111	71	—	*18	83	81	26	44	55	57
Inpatient . . . . .	765	457	308	*	64	335	365	159	203	289	115
88.57 . . . . .	230	148	83	*	13	95	120	27	56	89	58
Ambulatory . . . . .	135	83	52	*	*	51	74	*15	41	40	39
Inpatient . . . . .	95	64	31	*	*	43	46	12	15	50	18
88.6 . . . . .	30	17	13	*	*8	*8	12	*7	*8	*9	*6
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	26	14	12	*	*7	*8	*10	*6	*8	*6	*6
88.66 . . . . .	13	*9	*	*	*	*	*6	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	—	*	—
Inpatient . . . . .	11	*7	*	*	*	*	*5	*	*	*	*
88.67 . . . . .	11	*	*6	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	—	*	*	*	*	*	*	*
Inpatient . . . . .	*9	*	*6	*	*	*	*	*	*	*	*
88.7 . . . . .	1,274	562	711	50	269	296	658	375	249	266	384
Ambulatory . . . . .	97	62	36	*	*17	33	41	*16	45	26	*10
Inpatient . . . . .	1,177	501	676	43	252	264	617	359	203	240	374
88.71 . . . . .	109	50	58	*	*5	19	80	27	23	18	40
Ambulatory . . . . .	*	*	*	—	*	*	*	*	*	*	—
Inpatient . . . . .	108	50	58	*	*5	19	79	27	22	18	40
88.72 . . . . .	592	288	304	22	63	149	358	183	123	136	151
Ambulatory . . . . .	34	*18	*16	*	*	*	*13	*	21	*	*
Inpatient . . . . .	558	270	288	17	57	139	345	178	101	132	147
88.73 . . . . .	16	*6	11	*	*	*	10	*	*	*	*6
Ambulatory . . . . .	*	*	*	—	*	*	*	*	*	*	*
Inpatient . . . . .	13	*5	*8	*	*	*	*9	*	*	*	*5
88.74 . . . . .	48	20	28	*	17	12	18	10	*8	17	12
Ambulatory . . . . .	*	*	*	—	*	*	*	*	*	*	*
Inpatient . . . . .	43	18	25	*	15	11	17	*9	*6	16	11
88.75 . . . . .	97	54	43	11	21	22	43	29	19	20	29
Ambulatory . . . . .	*18	*15	*	*	*	*	*10	*	*	*	*
Inpatient . . . . .	78	39	40	10	19	16	33	25	*9	16	28
88.76 . . . . .	192	73	119	11	66	47	69	56	27	25	83
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	185	70	115	*10	64	44	68	56	25	22	82

\* Figure does not meet standard of reliability or precision.  
— Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
88.77 . . . . .	105	46	59	*	16	28	61	36	26	15	28
Ambulatory . . . . .	*	*	*	-	*	*	*	*	*	*	-
Inpatient . . . . .	101	44	58	*	16	26	59	36	23	14	28
88.78 . . . . .	62	-	62	*	60	-	*	16	11	10	25
Ambulatory . . . . .	*	-	*	-	*	-	-	*	*	*	-
Inpatient . . . . .	61	-	61	*	59	-	*	16	10	10	25
88.79 . . . . .	53	26	28	*	17	17	18	14	11	20	*9
Ambulatory . . . . .	24	20	*	*	*	*10	*11	*	*	*12	*
Inpatient . . . . .	29	*6	24	*	14	*7	*6	11	*	*8	*6
88.9 . . . . .	239	107	132	19	49	59	112	74	56	54	55
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	232	104	128	16	48	58	109	74	52	52	55
88.91 . . . . .	130	58	72	12	26	28	64	37	32	30	30
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	128	58	71	11	26	28	63	37	31	30	30
88.93 . . . . .	60	28	32	*	13	15	29	19	15	14	12
Ambulatory . . . . .	*	*	*	*	*	-	*	-	*	*	*
Inpatient . . . . .	58	28	31	*	13	15	28	19	15	13	12
88.94 . . . . .	13	*	*9	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	-	*	*	-
Inpatient . . . . .	12	*	*8	*	*	*	*	*	*	*	*
88.97 . . . . .	31	14	17	*	*	11	13	11	*	*7	*9
Ambulatory . . . . .	*	*	*	*	-	*	*	*	*	*	*
Inpatient . . . . .	29	12	16	*	*	11	13	11	*	*6	*9
89 . . . . .	1,526	712	814	76	270	423	757	423	316	371	415
Ambulatory . . . . .	286	111	175	*11	80	85	110	52	103	109	23
Inpatient . . . . .	1,239	600	639	65	190	337	647	372	213	262	393
89.0 . . . . .	18	*10	*9	*	*7	*5	*5	*	*	*5	*
Ambulatory . . . . .	*12	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*6	*	*	*	*	*	*	*	*	-	*
89.1 . . . . .	131	61	70	28	31	23	49	57	14	33	27
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	125	57	69	27	29	22	47	54	13	32	27
89.14 . . . . .	101	47	54	18	21	19	43	44	11	22	23
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	98	45	52	17	20	19	42	42	11	22	23
89.15 . . . . .	*6	*	*	*	*	-	*	-	*	*	-
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*6	*	*	*	*	*	*	*	*	*	*
89.17 . . . . .	*6	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	-	*	*	*	*	-	*	-
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
89.19 . . . . .	16	*6	*10	*6	*7	*	*	*6	*	*7	*
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	16	*6	*10	*6	*7	*	*	*6	*	*7	*
89.2 . . . . .	172	57	116	*7	46	42	78	34	63	71	*
Ambulatory . . . . .	141	44	97	*	38	37	61	24	55	61	*
Inpatient . . . . .	31	12	19	*	*8	*	17	10	*9	*10	*
89.22 . . . . .	60	23	38	*	*9	13	38	16	22	21	*
Ambulatory . . . . .	47	*15	31	*	*	*12	27	*10	*18	*18	*
Inpatient . . . . .	14	*7	*6	*	*	*	11	*6	*	*	*
89.23 . . . . .	18	*8	*10	*	*	*	11	*	*6	*9	*
Ambulatory . . . . .	*15	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	-	*	-	*	*	*	*	*
89.24 . . . . .	22	12	10	-	*	*6	12	*	*9	12	-
Ambulatory . . . . .	22	*12	*	-	*	*	*11	*	*	*12	-
Inpatient . . . . .	*	*	*	-	-	*	*	-	*	-	-
89.26 . . . . .	31	-	31	*	16	*6	*	*10	11	*8	*
Ambulatory . . . . .	21	-	21	*	*12	*	*	*	*	*	*
Inpatient . . . . .	*9	-	*9	*	*	*	*	*	*	*	*

\* Figure does not meet standard of reliability or precision.  
 - Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
89.29 . . . . .	38	12	27	*	12	12	11	*	14	19	*
Ambulatory . . . . .	34	*	25	*	*11	*	*10	*	*13	*16	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
89.3 . . . . .	129	52	78	15	39	40	35	28	34	48	19
Ambulatory . . . . .	74	26	47	*	28	24	*18	*12	*16	39	*
Inpatient . . . . .	56	25	30	11	11	16	17	15	18	*9	13
89.32 . . . . .	22	*8	15	*	*7	12	*	*6	*	*7	*
Ambulatory . . . . .	21	*	*14	—	*	*11	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
89.37 . . . . .	28	11	17	*	*8	*9	*9	*7	*8	*	*10
Ambulatory . . . . .	*	—	*	—	—	—	*	—	—	*	—
Inpatient . . . . .	28	11	17	*	*8	*9	*9	*7	*8	*	*10
89.38 . . . . .	18	11	*8	*	*	*	*5	*8	*8	*	*
Ambulatory . . . . .	*	*	*	—	*	*	*	*	*	*	*
Inpatient . . . . .	14	*8	*5	*	*	*	*	*6	*6	*	*
89.39 . . . . .	54	20	35	*7	18	12	17	*	*10	36	*
Ambulatory . . . . .	43	*15	28	*	*16	*	*14	*	*	31	*
Inpatient . . . . .	11	*	*7	*	*	*	*	*	*	*5	*
89.4 . . . . .	165	88	77	*	26	67	73	61	27	35	41
Ambulatory . . . . .	*11	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	154	81	73	*	24	64	66	58	21	35	40
89.41 . . . . .	64	36	28	*	11	29	23	21	*10	11	23
Ambulatory . . . . .	*	*	*	—	*	*	*	—	*	—	—
Inpatient . . . . .	61	34	26	*	11	29	21	21	*6	11	23
89.44 . . . . .	97	50	47	*	14	37	46	40	17	24	17
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	—	—
Inpatient . . . . .	92	46	46	*	13	35	44	37	15	24	17
89.5 . . . . .	559	270	289	13	70	161	315	142	92	106	220
Ambulatory . . . . .	32	*16	*15	*	*	*13	*14	*	*16	*	*
Inpatient . . . . .	527	254	274	12	66	148	301	135	75	104	213
89.50 . . . . .	25	10	15	*	*	*5	17	16	*	*	*
Ambulatory . . . . .	*	*	*	—	*	*	*	—	*	*	*
Inpatient . . . . .	24	*9	14	*	*	*	17	16	*	*	*
89.51 . . . . .	*10	*5	*	*	*	*	*6	*	—	—	*9
Ambulatory . . . . .	—	—	—	—	—	—	—	—	—	—	—
Inpatient . . . . .	*10	*5	*	*	*	*	*6	*	—	—	*9
89.52 . . . . .	207	100	106	*6	28	64	108	14	41	36	115
Ambulatory . . . . .	23	*11	*12	*	*	*11	*	*	*13	*	*
Inpatient . . . . .	184	89	95	*6	25	53	100	*9	29	36	111
89.54 . . . . .	301	147	154	*	36	87	173	106	42	64	88
Ambulatory . . . . .	*	*	*	*	*	*	*	—	*	*	*
Inpatient . . . . .	299	146	153	*	36	87	172	106	42	63	88
89.59 . . . . .	14	*7	*7	*	*	*	*10	*	*6	*	*
Ambulatory . . . . .	*	*	*	—	*	*	*	*	*	*	*
Inpatient . . . . .	*8	*	*	*	*	*	*6	*	*	*	*
89.6 . . . . .	349	174	175	12	50	85	202	98	80	72	98
Ambulatory . . . . .	*11	*	*	—	*	*	*	*	*	*	*
Inpatient . . . . .	337	168	170	12	49	81	195	96	76	71	94
89.61 . . . . .	11	*7	*	*	*	*	*5	*	*	*	*
Ambulatory . . . . .	*	*	—	—	—	—	*	*	—	—	—
Inpatient . . . . .	11	*7	*	*	*	*	*	*	*	*	*
89.62 . . . . .	20	*10	11	*	*	*	12	*7	*	*	*
Ambulatory . . . . .	—	—	—	—	—	—	—	—	—	—	—
Inpatient . . . . .	20	*10	11	*	*	*	12	*7	*	*	*
89.64 . . . . .	82	44	37	*	*7	22	52	28	24	16	14
Ambulatory . . . . .	*	*	*	—	*	*	*	*	*	*	—
Inpatient . . . . .	80	43	36	*	*7	22	51	27	24	15	14
89.65 . . . . .	203	96	107	*7	34	45	117	54	42	48	59
Ambulatory . . . . .	*	*	*	—	*	—	*	—	*	*	—
Inpatient . . . . .	202	95	107	*7	34	45	116	54	41	47	59

\* Figure does not meet standard of reliability or precision.  
— Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
89.68 . . . . .	25	14	11	*	*5	*8	12	*	*7	*	15
Ambulatory . . . . .	*	*	*	-	*	*	*	-	*	-	*
Inpatient . . . . .	19	*10	*10	*	*	*	*9	*	*	*	13
90 . . . . .	47	20	27	*	17	*9	17	*	*8	31	*
Ambulatory . . . . .	*17	*	*	*	*10	*	*	*	*	*13	*
Inpatient . . . . .	30	12	17	*	*6	*5	15	*	*7	18	*
90.5 . . . . .	24	*9	15	*	10	*	*9	*	*	21	*
Ambulatory . . . . .	*	*	*	*	*	*	*	-	-	*	-
Inpatient . . . . .	14	*6	*9	*	*	*	*8	*	*	12	*
90.53 . . . . .	*6	*	*	-	*	*	*	*	-	*6	-
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	*6	*	*	-	*	*	*	*	-	*6	-
90.59 . . . . .	13	*	*9	*	*7	*	*	*	*	12	-
Ambulatory . . . . .	*	*	*	*	*	*	*	-	-	*	-
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	-
90.8 . . . . .	11	*	*7	-	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	-	*	*	*	*	*	*	-
Inpatient . . . . .	*8	*	*5	-	*	*	*	*	*	*	*
90.81 . . . . .	*9	*	*6	-	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	-	*	*	*	*	*	-	-
Inpatient . . . . .	*8	*	*	-	*	*	*	*	*	*	*
91 . . . . .	26	*9	17	*	*10	*	12	*	*6	13	*
Ambulatory . . . . .	*13	*	*10	*	*	*	*	*	*	*	*
Inpatient . . . . .	13	*6	*7	*	*	*	*8	*	*	*8	*
91.3 . . . . .	15	*6	*9	*	*	*	*8	*	*	*9	*
Ambulatory . . . . .	*	*	*	-	*	*	*	*	*	*	*
Inpatient . . . . .	*10	*	*6	*	*	*	*6	*	*	*6	*
91.39 . . . . .	*9	*	*	-	*	*	*	*	*	*5	-
Ambulatory . . . . .	*	*	*	-	*	*	*	*	*	*	-
Inpatient . . . . .	*	*	*	-	*	*	*	-	*	*	-
91.4 . . . . .	*5	-	*5	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	-	*	-	*	*	*	*	*	*	-
Inpatient . . . . .	*	-	*	*	*	*	*	*	*	*	*
92 . . . . .	419	178	241	*8	64	119	228	149	69	86	114
Ambulatory . . . . .	*16	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	403	170	233	*8	61	114	221	144	64	82	113
92.0 . . . . .	138	61	76	*	23	45	67	49	16	27	45
Ambulatory . . . . .	*	*	*	-	*	*	*	*	*	*	*
Inpatient . . . . .	135	60	74	*	22	43	66	48	15	27	45
92.02 . . . . .	20	*7	14	*	*	*6	*9	*	*	*	10
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	20	*7	14	*	*	*6	*9	*	*	*	10
92.03 . . . . .	14	*7	*7	*	*	*	*7	*6	*	*	*
Ambulatory . . . . .	*	-	*	-	-	-	*	-	-	*	-
Inpatient . . . . .	14	*7	*7	*	*	*	*7	*6	*	*	*
92.04 . . . . .	17	*7	*9	*	*	*	*7	*	*	*	*7
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	17	*7	*9	*	*	*	*7	*	*	*	*7
92.05 . . . . .	82	39	43	*	*8	31	43	32	*10	17	23
Ambulatory . . . . .	*	*	*	-	*	*	*	*	*	-	*
Inpatient . . . . .	80	38	42	*	*8	30	42	31	*9	17	23
92.1 . . . . .	166	67	100	*	26	45	93	61	28	27	50
Ambulatory . . . . .	*	*	*	*	*	*	*	-	*	*	-
Inpatient . . . . .	164	66	97	*	25	44	92	61	27	25	50
92.14 . . . . .	58	22	36	*	*8	13	35	22	10	11	15
Ambulatory . . . . .	*	*	*	*	*	*	*	-	*	*	-
Inpatient . . . . .	56	22	34	*	*7	12	35	22	*9	*9	15
92.15 . . . . .	84	34	51	*	13	26	45	26	15	15	29
Ambulatory . . . . .	*	-	*	-	-	*	-	-	-	*	-
Inpatient . . . . .	84	34	50	*	13	26	45	26	15	14	29

\* Figure does not meet standard of reliability or precision.  
 - Quantity zero.



**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
92.19 . . . . .	13	*7	*7	*	*	*	*8	*6	*	*	*
Ambulatory . . . . .	*	*	*	-	*	*	*	-	*	*	-
Inpatient . . . . .	12	*6	*6	*	*	*	*8	*6	*	*	*
92.2 . . . . .	111	48	63	*	14	29	66	37	25	30	19
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	102	43	59	*	14	26	60	33	22	29	17
92.23 . . . . .	*9	*	*	-	*	*	*6	*	*	*	*
Ambulatory . . . . .	*	*	-	-	-	-	*	*	-	-	-
Inpatient . . . . .	*8	*	*	-	*	*	*5	*	*	*	*
92.24 . . . . .	24	*10	15	*	*	*7	14	*7	*6	*	*8
Ambulatory . . . . .	*	*	-	-	*	-	*	-	*	*	-
Inpatient . . . . .	24	*10	15	*	*	*7	14	*7	*6	*	*8
92.27 . . . . .	15	*7	*8	-	*	*	*8	*	*	*6	*
Ambulatory . . . . .	*	*	*	-	*	*	*	*	*	*	*
Inpatient . . . . .	11	*	*8	-	*	*	*5	*	*	*	*
92.29 . . . . .	54	25	29	*	*6	14	32	17	11	17	*9
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	52	24	28	*	*6	13	31	17	11	17	*8
93 . . . . .	1,597	730	867	199	283	319	796	505	370	390	332
Ambulatory . . . . .	120	55	65	*	47	42	21	34	35	36	*15
Inpatient . . . . .	1,477	675	802	189	235	278	775	471	335	354	317
93.0 . . . . .	20	*10	10	*	*5	*5	*8	*	*10	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	17	*8	*9	*	*	*	*8	*	*8	*	*
93.01 . . . . .	*8	*	*	*	*	*	*	*	*6	*	*
Ambulatory . . . . .	*	*	-	-	-	*	-	*	-	-	-
Inpatient . . . . .	*8	*	*	*	*	*	*	*	*6	*	*
93.08 . . . . .	*9	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	-	*	*	*
Inpatient . . . . .	*7	*	*	*	*	*	*	*	*	*	*
93.1 . . . . .	19	*7	11	*	*	*	11	11	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	17	*7	10	*	*	*	11	10	*	*	*
93.2 . . . . .	117	50	68	*	21	34	60	45	33	14	25
Ambulatory . . . . .	29	*13	*15	*	*11	*14	*	*	*12	*	*
Inpatient . . . . .	89	36	52	*	10	20	57	42	21	*7	19
93.22 . . . . .	73	30	43	*	*6	16	50	34	18	*	17
Ambulatory . . . . .	*	-	*	-	-	-	*	-	*	-	-
Inpatient . . . . .	73	30	42	*	*6	16	50	34	17	*	17
93.24 . . . . .	*8	*	*	*	*	*	*	*5	*	*	*
Ambulatory . . . . .	*	*	-	-	*	*	-	-	-	*	-
Inpatient . . . . .	*7	*	*	*	*	*	*	*5	*	*	*
93.26 . . . . .	30	13	17	*	11	16	*	*	13	*8	*6
Ambulatory . . . . .	24	*11	*13	*	*	*14	*	*	*11	*	*
Inpatient . . . . .	*6	*	*	-	*	*	*	*	*	*	*
93.3 . . . . .	329	138	191	*5	36	69	219	96	80	99	54
Ambulatory . . . . .	*	*	*	-	*	*	*	*	*	*	-
Inpatient . . . . .	329	138	190	*5	36	68	219	96	79	99	54
93.32 . . . . .	18	10	*7	*	*	*6	*6	*	*	10	*
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	18	10	*7	*	*	*6	*6	*	*	10	*
93.38 . . . . .	*10	*	*7	*	*	*	*7	*	*	*6	*
Ambulatory . . . . .	*	-	*	-	-	*	-	-	*	-	-
Inpatient . . . . .	*10	*	*7	*	*	*	*7	*	*	*6	*
93.39 . . . . .	294	121	172	*	30	57	203	90	76	78	49
Ambulatory . . . . .	*	*	*	-	*	*	*	*	*	*	-
Inpatient . . . . .	293	121	172	*	30	57	203	90	76	78	49
93.4 . . . . .	24	11	13	*	*	*	15	*6	*5	*8	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	23	*10	13	*	*	*	15	*5	*5	*8	*

\* Figure does not meet standard of reliability or precision.  
- Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
93.44 . . . . .	*5	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
93.46 . . . . .	15	*	10	*	*	*	13	*	*	*	*
Ambulatory . . . . .	*	—	*	*	—	—	—	*	—	—	—
Inpatient . . . . .	15	*	10	*	*	*	13	*	*	*	*
93.5 . . . . .	143	73	70	22	52	31	38	42	36	47	18
Ambulatory . . . . .	50	24	27	*	*17	*16	*	*	*16	23	*
Inpatient . . . . .	93	49	44	14	35	15	28	34	20	24	14
93.53 . . . . .	37	16	20	*10	12	*7	*7	13	13	*7	*
Ambulatory . . . . .	*17	*	*11	*	*	*	*	*	*	*	*
Inpatient . . . . .	20	11	*9	*6	*6	*	*	*8	*6	*	*
93.54 . . . . .	25	12	13	*	11	*	*6	*6	*7	*9	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	15	*7	*8	*	*7	*	*	*	*	*	*
93.55 . . . . .	*7	*5	*	*	*6	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	—	*	*	*	*	*	*	*
Inpatient . . . . .	*6	*	*	*	*	*	—	*	*	*	*
93.57 . . . . .	33	19	14	*	12	11	*8	*6	*	21	*
Ambulatory . . . . .	*17	*	*	*	*	*	*	*	*	*14	*
Inpatient . . . . .	16	*9	*6	*	*7	*	*	*5	*	*7	*
93.59 . . . . .	31	15	17	*	*9	*7	14	13	*9	*6	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	28	13	15	*	*8	*5	13	12	*7	*6	*
93.6 . . . . .	29	11	18	*	14	*7	*7	16	*	*7	*
Ambulatory . . . . .	24	*	*14	*	*13	*	*	*16	*	*	*
Inpatient . . . . .	*5	*	*	—	*	*	*	*	*	*	*
93.67 . . . . .	28	11	17	*	14	*7	*6	16	*	*6	*
Ambulatory . . . . .	24	*	*14	*	*13	*	*	*16	*	*	*
Inpatient . . . . .	*	*	*	—	*	*	*	*	*	*	—
93.7 . . . . .	30	15	15	*	*	*6	21	*7	13	*6	*5
Ambulatory . . . . .	—	—	—	—	—	—	—	—	—	—	—
Inpatient . . . . .	30	15	15	*	*	*6	21	*7	13	*6	*5
93.75 . . . . .	27	13	15	*	*	*6	18	*7	12	*	*
Ambulatory . . . . .	—	—	—	—	—	—	—	—	—	—	—
Inpatient . . . . .	27	13	15	*	*	*6	18	*7	12	*	*
93.8 . . . . .	258	107	151	*	54	42	158	91	71	69	27
Ambulatory . . . . .	*	*	—	—	—	*	—	—	—	—	*
Inpatient . . . . .	258	107	151	*	54	42	158	91	71	69	27
93.81 . . . . .	37	15	22	*	15	*6	15	*7	*10	21	*
Ambulatory . . . . .	—	—	—	—	—	—	—	—	—	—	—
Inpatient . . . . .	37	15	22	*	15	*6	15	*7	*10	21	*
93.83 . . . . .	213	89	124	*	37	33	139	83	61	45	24
Ambulatory . . . . .	—	—	—	—	—	—	—	—	—	—	—
Inpatient . . . . .	213	89	124	*	37	33	139	83	61	45	24
93.89 . . . . .	*6	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	—	—	—	—	—	—	—	—	—	—	—
Inpatient . . . . .	*6	*	*	*	*	*	*	*	*	*	*
93.9 . . . . .	628	309	319	159	90	119	259	190	114	132	192
Ambulatory . . . . .	*12	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	616	304	313	159	85	117	255	182	113	131	190
93.90 . . . . .	28	16	12	*6	*	*8	11	*8	*8	*7	*
Ambulatory . . . . .	*	*	*	—	—	*	—	*	—	*	—
Inpatient . . . . .	28	15	12	*6	*	*7	11	*8	*8	*7	*
93.94 . . . . .	272	138	134	89	41	48	93	91	31	69	81
Ambulatory . . . . .	*	*	*	—	*	*	*	*	—	*	*
Inpatient . . . . .	266	135	131	89	38	47	92	87	31	68	80
93.96 . . . . .	265	124	141	51	34	52	128	66	59	43	98
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	261	123	138	51	32	51	127	64	57	43	96

\* Figure does not meet standard of reliability or precision.  
 — Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
93.99 . . . . .	53	26	26	12	10	*9	21	23	13	11	*5
Ambulatory . . . . .	*	*	*	*	-	*	*	*	-	-	-
Inpatient . . . . .	52	26	26	12	10	*9	21	23	13	11	*5
94 . . . . .	721	428	293	40	467	149	65	335	197	140	49
Ambulatory . . . . .	*13	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	708	421	287	39	462	146	61	331	195	137	46
94.0 . . . . .	*9	*	*	*	*	*	*	*	*	*5	*
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	*9	*	*	*	*	*	*	*	*	*5	*
94.1 . . . . .	*7	*	*	*	*5	*	*	*	-	*	*
Ambulatory . . . . .	*	-	*	-	*	*	-	*	-	-	-
Inpatient . . . . .	*6	*	*	*	*	*	*	*	-	*	*
94.2 . . . . .	155	75	81	*7	85	34	29	95	23	22	16
Ambulatory . . . . .	*10	*	*	-	*	*	*	*	*	*	*
Inpatient . . . . .	145	69	76	*7	81	32	24	92	21	19	13
94.22 . . . . .	*9	*	*	*	*5	*	*	*6	*	*	*
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	*9	*	*	*	*5	*	*	*6	*	*	*
94.23 . . . . .	18	*10	*8	*	10	*5	*	14	-	*	*
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	18	*10	*8	*	10	*5	*	14	-	*	*
94.25 . . . . .	84	42	43	*	52	19	*8	59	12	*6	*8
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	84	42	43	*	52	19	*8	59	12	*6	*8
94.27 . . . . .	43	18	25	-	16	*8	18	15	10	14	*
Ambulatory . . . . .	*10	*	*	-	*	*	*	*	*	*	*
Inpatient . . . . .	33	12	20	-	13	*6	14	12	*9	11	*
94.3 . . . . .	93	46	48	11	57	16	*9	54	32	*7	*
Ambulatory . . . . .	*	*	*	*	*	*	-	*	-	*	-
Inpatient . . . . .	92	44	47	11	56	16	*9	53	32	*6	*
94.38 . . . . .	32	13	19	*	19	*8	*	32	-	*	-
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	32	13	19	*	19	*8	*	32	-	*	-
94.39 . . . . .	52	28	24	*8	32	*8	*	13	32	*7	*
Ambulatory . . . . .	*	*	*	*	*	*	-	*	-	*	-
Inpatient . . . . .	51	27	24	*7	32	*7	*	12	32	*6	*
94.4 . . . . .	106	53	52	18	63	14	10	46	39	18	*
Ambulatory . . . . .	*	-	*	-	*	-	-	-	*	-	-
Inpatient . . . . .	106	53	52	18	63	14	10	46	39	18	*
94.42 . . . . .	12	*6	*6	*6	*	*	*	*	*7	*	-
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	12	*6	*6	*6	*	*	*	*	*7	*	-
94.44 . . . . .	82	40	42	12	49	12	*9	34	32	16	*
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	82	40	42	12	49	12	*9	34	32	16	*
94.46 . . . . .	*5	*	*	-	*	*	*	*	-	-	*
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	*5	*	*	-	*	*	*	*	-	-	*
94.6 . . . . .	349	246	103	*	250	82	16	137	100	83	28
Ambulatory . . . . .	*	*	-	-	-	*	-	-	-	*	-
Inpatient . . . . .	349	246	103	*	250	81	16	137	100	83	28
94.61 . . . . .	13	10	*	*	11	*	*	*6	*6	*	*
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	13	10	*	*	11	*	*	*6	*6	*	*
94.62 . . . . .	125	100	26	*	70	44	11	47	40	27	12
Ambulatory . . . . .	*	*	-	-	-	*	-	-	-	*	-
Inpatient . . . . .	125	100	26	*	70	44	11	47	40	27	12
94.63 . . . . .	43	30	13	-	28	13	*	13	13	10	*7
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	43	30	13	-	28	13	*	13	13	10	*7

\* Figure does not meet standard of reliability or precision.  
- Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
94.64 . . . . .	*6	*	*	*	*6	*	*	*	*	*	*
Ambulatory . . . . .	—	—	—	—	—	—	—	—	—	—	—
Inpatient . . . . .	*6	*	*	*	*6	*	*	*	*	*	*
94.65 . . . . .	53	29	24	—	43	*9	*	30	*7	11	*
Ambulatory . . . . .	—	—	—	—	—	—	—	—	—	—	—
Inpatient . . . . .	53	29	24	—	43	*9	*	30	*7	11	*
94.66 . . . . .	16	*8	*8	—	13	*	*	*6	*	*	*
Ambulatory . . . . .	—	—	—	—	—	—	—	—	—	—	—
Inpatient . . . . .	16	*8	*8	—	13	*	*	*6	*	*	*
94.67 . . . . .	12	*8	*	*	11	*	—	*	*8	*	*
Ambulatory . . . . .	—	—	—	—	—	—	—	—	—	—	—
Inpatient . . . . .	12	*8	*	*	11	*	—	*	*8	*	*
94.68 . . . . .	48	33	15	*	42	*5	—	25	11	11	*
Ambulatory . . . . .	—	—	—	—	—	—	—	—	—	—	—
Inpatient . . . . .	48	33	15	*	42	*5	—	25	11	11	*
94.69 . . . . .	33	23	*9	—	27	*5	*	*5	*9	17	*
Ambulatory . . . . .	—	—	—	—	—	—	—	—	—	—	—
Inpatient . . . . .	33	23	*9	—	27	*5	*	*5	*9	17	*
95 . . . . .	39	19	19	19	*5	*	11	*10	11	*6	11
Ambulatory . . . . .	30	*14	*17	*15	*	*	*	*	*10	*	*
Inpatient . . . . .	*8	*6	*	*	*	*	*	*	*	*	*
95.0 . . . . .	17	*7	10	13	*	*	*	*	*6	*	*5
Ambulatory . . . . .	*16	*	*	*12	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
95.04 . . . . .	14	*6	*8	11	*	*	*	*	*	*	*
Ambulatory . . . . .	*13	*	*	*10	*	*13	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	—	*	*	*	*	*	—
95.1 . . . . .	*9	*	*6	*	*	*	*6	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	—	*	—
95.4 . . . . .	11	*8	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
95.46 . . . . .	*7	*5	*	*	*	—	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	—	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	—	—	*	*	—	*
96 . . . . .	1,301	639	662	145	276	276	604	354	272	428	246
Ambulatory . . . . .	117	52	66	24	32	26	35	26	32	43	*15
Inpatient . . . . .	1,183	587	596	121	244	250	568	328	239	385	231
96.0 . . . . .	505	258	247	45	89	117	254	135	99	173	97
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	497	254	243	45	88	114	250	132	97	172	97
96.01 . . . . .	*5	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	—	*	—	—	*	—	—	—	*	—
Inpatient . . . . .	*5	*	*	*	*	*	*	*	*	*	*
96.04 . . . . .	363	191	172	39	53	82	188	99	76	122	66
Ambulatory . . . . .	*	*	—	*	*	—	*	*	*	*	—
Inpatient . . . . .	363	190	172	39	53	82	188	99	76	122	66
96.05 . . . . .	15	*6	*8	*	*	*	*6	*6	*	*6	*
Ambulatory . . . . .	*	*	*	—	—	*	*	*	*	*	—
Inpatient . . . . .	11	*5	*6	*	*	*	*	*	*	*5	*
96.06 . . . . .	*6	*	*	*	*	*	*	—	*	*	*
Ambulatory . . . . .	*	*	*	—	*	*	*	—	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	—	*	*	*
96.07 . . . . .	91	46	45	*	23	19	46	28	18	19	27
Ambulatory . . . . .	*	—	*	—	—	*	*	—	*	*	—
Inpatient . . . . .	91	46	44	*	23	19	46	28	18	19	27
96.08 . . . . .	10	*	*6	*	*	*	*	*	*	*6	*
Ambulatory . . . . .	*	*	*	—	*	*	*	*	*	*	—
Inpatient . . . . .	*9	*	*6	*	*	*	*	*	*	*6	*

\* Figure does not meet standard of reliability or precision.  
 — Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
96.09 . . . . .	*7	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	—	—	—	—	—	—	—	—	—	—	—
Inpatient . . . . .	*7	*	*	*	*	*	*	*	*	*	*
96.1 . . . . .	11	*	*9	*	*	*	*	*	*	*8	*
Ambulatory . . . . .	*	—	*	*	*	—	*	*	*	*	—
Inpatient . . . . .	*8	*	*6	*	*	*	*	*	*	*7	*
96.2 . . . . .	34	*5	29	*	13	*9	10	*5	*9	11	*9
Ambulatory . . . . .	28	*	25	*	*12	*	*	*	*	*	*
Inpatient . . . . .	*6	*	*	*	*	*	*	*	*	*	*
96.23 . . . . .	*7	*	*6	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
96.25 . . . . .	23	*	21	*	*9	*7	*7	*	*7	*7	*7
Ambulatory . . . . .	22	*	*20	—	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	*	*
96.3 . . . . .	37	17	19	*	18	*7	*8	*7	12	11	*7
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	31	14	17	*	17	*5	*6	*5	10	*9	*7
96.33 . . . . .	24	12	13	*	16	*5	*	*	*9	*7	*5
Ambulatory . . . . .	*	*	*	—	—	*	*	*	—	*	—
Inpatient . . . . .	24	12	12	*	16	*	*	*	*9	*7	*5
96.38 . . . . .	*7	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*6	*	*	*	*	*	*	*	*	*	*
96.4 . . . . .	71	19	52	*	48	*7	16	16	15	20	21
Ambulatory . . . . .	*20	*13	*	—	*	*	*11	*	*	*	*
Inpatient . . . . .	51	*6	45	*	44	*	*	*7	*10	15	20
96.49 . . . . .	64	14	50	*	47	*	13	14	12	17	20
Ambulatory . . . . .	*19	*12	*	—	*	*	*11	*	*	*	*
Inpatient . . . . .	45	*	43	*	42	*	*	*	*8	12	20
96.5 . . . . .	86	52	34	23	25	15	22	17	22	31	16
Ambulatory . . . . .	44	26	*18	*19	*	*	*	*	*14	*16	*
Inpatient . . . . .	42	26	16	*	17	*8	15	*9	*8	15	*10
96.52 . . . . .	13	*8	*5	*9	*	*	*	*	*6	*	*
Ambulatory . . . . .	*11	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	—	*	*	*	*	—
96.54 . . . . .	16	*10	*7	11	*	*	*	*	*	*7	*
Ambulatory . . . . .	*15	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	*	*	*	*	*	*	*	*	*	—	*
96.56 . . . . .	23	15	*8	*	*	*5	13	*5	*7	*6	*
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	15	10	*5	*	*	*	*8	*	*	*	*
96.59 . . . . .	29	17	12	*	14	*6	*5	*	*6	13	*6
Ambulatory . . . . .	*	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	22	13	*9	*	12	*	*	*	*	11	*
96.6 . . . . .	86	33	53	*7	11	13	56	46	10	24	*6
Ambulatory . . . . .	*	*	*	—	*	*	*	*	*	*	*
Inpatient . . . . .	78	31	48	*7	*7	11	54	45	*10	17	*6
96.7 . . . . .	470	251	219	63	66	108	233	127	103	150	90
Ambulatory . . . . .	*	*	*	*	—	*	*	*	*	*	*
Inpatient . . . . .	469	250	219	62	66	107	233	127	102	150	90
96.70 . . . . .	15	*	*10	*	*	*	*8	*	*	*8	*
Ambulatory . . . . .	—	—	—	—	—	—	—	—	—	—	—
Inpatient . . . . .	15	*	*10	*	*	*	*8	*	*	*8	*
96.71 . . . . .	305	163	142	37	45	71	152	85	70	93	57
Ambulatory . . . . .	*	*	*	*	—	*	—	*	*	*	—
Inpatient . . . . .	304	162	142	37	45	70	152	85	70	93	57
96.72 . . . . .	151	83	68	24	21	33	74	41	32	49	30
Ambulatory . . . . .	*	*	*	*	—	—	*	—	*	*	*
Inpatient . . . . .	150	83	67	23	21	33	73	41	31	49	29

\* Figure does not meet standard of reliability or precision.  
 — Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
97	214	115	99	24	56	51	84	50	59	67	37
Ambulatory	140	71	68	*15	39	33	53	29	46	43	22
Inpatient	74	43	31	*9	17	18	31	21	13	24	15
97.0	51	22	29	*	*5	*7	34	11	13	17	10
Ambulatory	29	*	*20	*	*	*	20	*	*10	*10	*
Inpatient	22	13	*9	*	*	*	14	*7	*	*7	*5
97.02	41	17	25	*	*	*	29	*8	12	14	*7
Ambulatory	25	*	*17	*	*	*	*18	*	*	*	*
Inpatient	17	*9	*8	*	*	*	11	*	*	*5	*
97.05	*7	*	*	—	*	*	*	*	*	*	*
Ambulatory	*	*	*	—	*	*	*	*	*	*	*
Inpatient	*	*	*	—	*	*	*	*	*	*	*
97.1	*5	*	*	*	*	*	*	*	*	*	*
Ambulatory	*	*	*	*	*	*	—	*	*	*	*
Inpatient	*	*	*	*	*	—	*	*	*	*	*
97.2	*8	*5	*	*	*	*	*	*	*	*	*
Ambulatory	*	*	*	*	*	*	*	*	*	*	*
Inpatient	*	*	*	*	*	*	*	*	*	*	*
97.23	*7	*5	*	*	*	*	*	*	*	*	*
Ambulatory	*	*	*	*	*	*	*	*	*	*	*
Inpatient	*	*	*	*	*	*	*	*	*	*	*
97.3	14	*9	*5	*	*	*	*	*	*	*	*
Ambulatory	*	*	*	*	*	*	*	*	*	*	*
Inpatient	*7	*	*	*	*	*	*	*	*	*	*
97.5	18	*9	*9	*	*	*	11	*	*6	*7	*
Ambulatory	*11	*	*	*	*	*	*	*	*	*	*
Inpatient	*7	*	*	*	*	*	*	*	*	*	*
97.51	11	*7	*	*	*	*	*7	*	*	*	*
Ambulatory	*	*	*	*	*	*	*	*	*	*	*
Inpatient	*	*	*	*	*	*	*	*	*	*	*
97.6	63	41	23	*	20	20	23	16	21	22	*
Ambulatory	51	33	*18	*	*16	*15	*19	*13	*18	*16	*
Inpatient	12	*7	*	*	*	*	*	*	*	*6	*
97.62	55	36	19	*	17	16	20	13	18	19	*
Ambulatory	46	30	*15	*	*14	*13	*17	*12	*16	*14	*
Inpatient	*9	*5	*	*	*	*	*	*	*	*	*
97.7	*5	*	*5	*	*	*	*	*	*	*	*
Ambulatory	*	*	*	*	*	*	*	*	*	*	*
Inpatient	*	—	*	*	*	*	*	*	*	*	—
97.8	45	24	21	*8	17	12	*7	11	12	*10	12
Ambulatory	30	*16	*14	*	*13	*	*	*	*	*	*
Inpatient	15	*8	*7	*	*	*	*	*	*	*	*
97.82	*7	*	*	*	*	*	*	*	*	*	*
Ambulatory	*	*	*	*	*	*	—	*	*	*	*
Inpatient	*	*	*	*	*	*	*	*	*	*	*
97.88	20	10	*10	*	*9	*5	*	*	*	*5	*6
Ambulatory	*17	*	*	*	*	*	*	*	*	*	*
Inpatient	*	*	*	*	*	*	*	*	*	*	*
97.89	14	*8	*6	*	*	*	*	*	*	*	*
Ambulatory	*	*	*	*	*	*	*	*	*	*	*
Inpatient	*7	*	*	*	*	*	*	*	*	*	*
98	167	102	65	30	55	42	40	41	33	58	35
Ambulatory	138	84	54	24	46	36	33	32	27	49	30
Inpatient	28	18	11	*6	*9	*6	*8	*9	*6	*9	*
98.0	24	14	*10	*8	*	*	*8	*8	*	*7	*
Ambulatory	*13	*	*	*	*	*	*	*	*	*	*
Inpatient	11	*6	*	*	*	*	*	*	*	*	*
98.02	20	13	*8	*6	*	*	*8	*7	*	*7	*
Ambulatory	*11	*	*	*	*	*	*	*	*	*	*
Inpatient	*9	*5	*	*	*	*	*	*	*	*	*

\* Figure does not meet standard of reliability or precision.  
 — Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
98.1	22	*10	12	17	*	*	*	*	*6	*7	*
Ambulatory	*19	*	*11	*15	*	*	*	*	*	*	*
Inpatient	*	*	*	*	*	*	*	*	*	*	*
98.11	12	*6	*6	12	*	*	—	*	*	*	*
Ambulatory	*12	*	*	*12	*	—	—	*	*	*	*
Inpatient	*	*	—	*	—	*	—	—	*	*	—
98.2	16	11	*	*	*9	*	*	*	*6	*	*
Ambulatory	*12	*	*	*	*	*	*	*	*	*	*
Inpatient	*	*	*	*	*	*	*	*	*	*	*
98.20	*7	*	*	*	*	*	*	*	*	*	*
Ambulatory	*	*	*	*	*	*	*	*	*	*	*
Inpatient	*	*	*	*	*	*	*	*	*	*	*
98.5	104	66	38	*	39	36	29	24	16	40	24
Ambulatory	95	60	34	*	36	32	26	22	*15	35	22
Inpatient	*10	*6	*	*	*	*	*	*	*	*	*
98.51	104	66	38	*	39	36	28	24	16	39	24
Ambulatory	94	60	34	*	36	32	25	22	*15	35	22
Inpatient	*10	*6	*	*	*	*	*	*	*	*	*
99	3,085	1,350	1,734	262	774	784	1,265	1,010	529	897	649
Ambulatory	701	310	391	21	193	230	257	203	105	256	137
Inpatient	2,384	1,040	1,343	241	581	554	1,008	807	424	641	511
99.0	872	378	494	36	137	189	510	236	156	272	207
Ambulatory	62	29	33	*	*	*	44	35	*	*11	*13
Inpatient	810	349	461	35	129	180	466	201	154	261	194
99.00	*10	*5	*	*	*	*	*6	*	*	*	*
Ambulatory	—	—	—	—	—	—	—	—	—	—	—
Inpatient	*10	*5	*	*	*	*	*6	*	*	*	*
99.02	51	20	31	*	*7	16	27	11	12	11	17
Ambulatory	*	*	—	—	—	*	—	*	—	—	—
Inpatient	51	20	31	*	*7	16	27	11	12	11	17
99.03	51	25	27	*	*	10	35	22	*	13	13
Ambulatory	27	*12	*15	*	*	*	22	*19	*	*	*
Inpatient	24	13	11	*	*	*7	13	*	*	10	*9
99.04	663	277	386	23	101	132	406	173	118	221	150
Ambulatory	30	*14	*16	*	*	*	20	*13	*	*	*
Inpatient	632	262	370	23	96	128	385	160	118	213	141
99.05	47	24	24	*6	14	14	13	14	*8	12	13
Ambulatory	*	*	*	*	*	*	*	*	*	*	*
Inpatient	44	21	23	*6	13	13	12	12	*8	12	13
99.07	42	21	21	*	*5	13	21	11	*10	11	*10
Ambulatory	*	*	*	—	*	*	—	*	—	—	—
Inpatient	41	21	20	*	*	13	21	10	*10	11	*10
99.1	327	126	201	31	118	69	108	144	51	72	60
Ambulatory	*	*	*	*	*	*	*	*	*	*	*
Inpatient	317	120	197	28	114	69	106	138	50	70	59
99.11	61	*	61	*	61	—	—	12	11	17	21
Ambulatory	*	—	*	—	*	—	—	*	*	*	*
Inpatient	60	*	60	*	60	—	—	11	11	17	21
99.14	16	*8	*8	*7	*	*	*	*9	*	*	*
Ambulatory	*	*	*	*	*	—	*	*	*	*	*
Inpatient	11	*	*7	*	*	*	*	*5	*	*	*
99.15	85	38	47	17	20	18	31	31	22	20	13
Ambulatory	*	—	*	—	—	—	*	*	—	*	—
Inpatient	85	38	46	17	20	18	30	31	22	19	13
99.17	43	18	24	*	12	14	15	22	*	*10	*6
Ambulatory	*	*	*	*	*	—	—	*	—	—	*
Inpatient	41	18	24	*	10	14	15	22	*	*10	*5
99.18	27	12	15	*	*9	*	*10	21	*	*6	*
Ambulatory	—	—	—	—	—	—	—	—	—	—	—
Inpatient	27	12	15	*	*9	*	*10	21	*	*6	*

\* Figure does not meet standard of reliability or precision.  
— Quantity zero.

**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
99.19 . . . . .	93	49	45	*	13	31	48	49	11	15	19
Ambulatory . . . . .	*	*	-	-	*	*	-	*	*	-	-
Inpatient . . . . .	92	47	45	*	13	30	48	48	10	15	19
99.2 . . . . .	1,469	639	830	134	427	427	481	539	225	414	291
Ambulatory . . . . .	454	198	256	*	131	165	153	134	58	183	79
Inpatient . . . . .	1,014	441	573	128	296	262	328	405	167	230	212
99.21 . . . . .	332	139	193	54	124	62	92	148	40	74	69
Ambulatory . . . . .	*10	*	*	*	*	*	*	*	*	*	*
Inpatient . . . . .	321	133	189	54	120	59	89	147	39	72	64
99.23 . . . . .	395	163	232	*9	119	135	132	114	53	157	71
Ambulatory . . . . .	331	138	193	*	104	122	105	84	42	143	63
Inpatient . . . . .	64	25	39	*8	15	13	28	30	11	14	*8
99.24 . . . . .	*10	*	*	*	*	*	*	*6	*	*	-
Ambulatory . . . . .	*	*	*	-	*	*	*	*	-	-	-
Inpatient . . . . .	*5	*	*	*	*	*	*	*	*	*	-
99.25 . . . . .	335	157	179	35	56	125	120	130	52	102	51
Ambulatory . . . . .	45	22	23	*	*	*18	20	22	*	20	*
Inpatient . . . . .	290	134	156	32	51	107	100	109	51	81	49
99.28 . . . . .	*6	*	*	-	*	*	*	*	*	*	*
Ambulatory . . . . .	*	-	*	-	-	*	*	*	-	-	-
Inpatient . . . . .	*	*	*	-	*	*	*	*	*	*	*
99.29 . . . . .	387	171	216	35	123	101	128	136	76	77	98
Ambulatory . . . . .	61	26	35	*	*18	22	*19	21	*12	*19	*
Inpatient . . . . .	327	145	182	34	105	80	109	115	64	58	89
99.4 . . . . .	10	*	10	*	10	-	-	*	*	*	*
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	10	*	10	*	10	-	-	*	*	*	*
99.47 . . . . .	*6	-	*6	-	*6	-	-	*	*	*	*
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	*6	-	*6	-	*6	-	-	*	*	*	*
99.5 . . . . .	*9	*	*6	*6	*	*	*	*	*	*	*
Ambulatory . . . . .	*	-	*	-	-	*	*	*	*	*	-
Inpatient . . . . .	*8	*	*	*6	*	*	*	*	*	*	*
99.55 . . . . .	*7	*	*	*5	*	-	-	*	*	*	*
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	*7	*	*	*5	*	-	-	*	*	*	*
99.6 . . . . .	149	89	61	*	*9	37	102	36	39	44	30
Ambulatory . . . . .	*16	*11	*	-	*	*	*	*	*	*	*
Inpatient . . . . .	134	78	56	*	*8	32	92	33	36	40	24
99.60 . . . . .	43	24	19	*	*	*7	32	10	10	14	*9
Ambulatory . . . . .	*	*	-	-	-	-	*	-	*	-	-
Inpatient . . . . .	43	23	19	*	*	*7	32	10	*10	14	*9
99.61 . . . . .	31	20	10	*	*	*10	19	*6	*7	11	*7
Ambulatory . . . . .	*	*	*	-	*	*	*	*	*	*	*
Inpatient . . . . .	23	14	*8	*	*	*7	14	*	*	*9	*
99.62 . . . . .	68	40	28	*	*	19	44	17	20	19	12
Ambulatory . . . . .	*	*	*	-	*	*	*	*	*	*	*
Inpatient . . . . .	61	36	25	*	*	17	40	16	19	17	*8
99.7 . . . . .	12	*6	*6	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	*	*	*	-	*	-	-	*
Inpatient . . . . .	10	*5	*5	*	*	*	*	*	*	*	*
99.71 . . . . .	*8	*	*	*	*	*	*	*	*	*	*
Ambulatory . . . . .	*	*	*	-	-	*	-	*	-	-	-
Inpatient . . . . .	*8	*	*	*	*	*	*	*	*	*	*
99.8 . . . . .	41	25	16	37	*	*	*	*6	*6	16	13
Ambulatory . . . . .	*	*	-	*	-	*	-	-	-	*	*
Inpatient . . . . .	41	25	16	37	*	*	*	*6	*6	16	13
99.83 . . . . .	35	22	13	34	*	*	-	*	*5	13	12
Ambulatory . . . . .	-	-	-	-	-	-	-	-	-	-	-
Inpatient . . . . .	35	22	13	34	*	*	-	*	*5	13	12

\* Figure does not meet standard of reliability or precision.  
 - Quantity zero.



**Table 11. Number of ambulatory and inpatient procedures, by ICD-9-CM code, sex, age, and region: United States, 1996—Con.**

[Code numbers are from the *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD-9-CM). Ambulatory data are from the National Survey of Ambulatory Surgery and exclude ambulatory surgery patients who became inpatients. Inpatient data are from the National Hospital Discharge Survey and exclude newborn infants. Totals include data for categories not listed in the table]

ICD-9-CM code	Total	Sex		Age				Region			
		Male	Female	Under 15 years	15-44 years	45-64 years	65 years and over	Northeast	Midwest	South	West
Number of procedures in thousands											
99.9 . . . . .	193	82	110	16	63	55	59	41	43	68	40
Ambulatory . . . . .	157	66	91	*11	49	49	47	23	41	55	37
Inpatient . . . . .	36	17	19	*	14	*6	11	18	*	12	*
99.99 . . . . .	189	80	109	15	62	55	57	41	43	66	40
Ambulatory . . . . .	156	65	90	*11	49	49	47	23	41	55	37
Inpatient . . . . .	33	15	19	*	14	*6	*10	18	*	11	*

\* Figure does not meet standard of reliability or precision.

– Quantity zero.

# Appendix

## Technical Notes

### Abstract Forms

Figure I shows the medical abstract form used for the 1996 NSAS and figure II shows the form used for the 1996 NHDS. The hospital or facility number, medical record number, date of birth, and patient ZIP code are confidential information and are not released to the public.

### Definitions of Selected Terms

**Ambulatory surgery**—Ambulatory surgery refers to previously scheduled surgical and nonsurgical procedures performed on an outpatient basis in a hospital or freestanding ambulatory surgery center's general or main operating rooms, satellite operating rooms, cystoscopy rooms, endoscopy rooms, cardiac catheterization labs, and laser procedure rooms. Procedures performed in locations dedicated exclusively to dentistry, podiatry, abortion, pain block, or small procedures (i.e., "lump and bump" procedure rooms) are not included.

**Discharge**—For NHDS, a discharge refers to a completed inpatient hospitalization; that is, the termination of a period of hospitalization by death or by disposition to customary place of residence, nursing home, or another hospital. Discharges of newborn infants, who are patients admitted to a hospital by birth, are excluded from this report. For NSAS, a discharge is a completed ambulatory surgery visit to a hospital or freestanding ambulatory surgery center for a scheduled procedure. NSAS discharges to the inpatient service of a hospital are excluded from this report. Only discharges for patients who underwent at least one procedure during their hospitalization or ambulatory surgery visit are included in this report.

**Freestanding ambulatory surgery center**—A freestanding ambulatory surgery facility is one that was regulated by a State or was certified for Medicare

by the Health Care Financing Administration (HCFA) and was listed in the 1993 SMG Freestanding Outpatient Surgery Center Database (16) and/or the Health Care Financing Administration's Provider of Services (POS) file (17). Facilities were excluded if they performed less than 50 ambulatory surgery procedures in the previous year, or if they specialized in dentistry, podiatry, pain block, abortion, family planning, or birthing.

**Hospital**—Hospitals include those with an average length of stay for all patients of less than 30 days (short stay) or those whose speciality is general (medical or surgical) or children's general. Federal hospitals, hospital units of institutions, and hospitals with less than six beds staffed for patient use were excluded. In addition, hospitals were excluded from NSAS if they performed less than 50 ambulatory surgery procedures in the previous year.

**Population**—The population estimates used to compute rates (shown in table I) are for the U.S. civilian population, including institutionalized persons, as of July 1, 1996. These estimates are provided by the U.S. Bureau of the Census and are consistent with population estimates in Population Division Release PPL no. 57.

**Procedure**—Procedures include surgical procedures (such as tonsillectomy), diagnostic procedures (such as cystoscopy), and therapeutic treatments (such as injection or infusion of cancer chemotherapeutic substance) reported on a patient's medical record. A maximum of four procedures are coded in the NHDS and a maximum of six are coded in the NSAS.

**Region**—Hospitals and freestanding ambulatory surgery centers are classified by location in one of the four geographic regions of the United States that correspond to those used by the U.S. Bureau of the Census.

Region	States included
Northeast	Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, New Jersey, and Pennsylvania

Midwest Michigan, Ohio, Illinois, Indiana, Wisconsin, Minnesota, Iowa, Missouri, North Dakota, South Dakota, Nebraska, and Kansas

South Delaware, Maryland, District of Columbia, Virginia, West Virginia, North Carolina, South Carolina, Georgia, Florida, Kentucky, Tennessee, Alabama, Mississippi, Arkansas, Louisiana, Oklahoma, and Texas

West Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, Nevada, Washington, Oregon, California, Hawaii, and Alaska

**Surgical and nonsurgical procedures**—The procedures classified as nonsurgical in this report are listed in table II by code numbers from the *International Classification of Diseases, 9th Revision, Clinical Modification (ICD-9-CM)* (11). All other procedures are considered surgical.

### Reliability of Estimates

The statistics presented in this report are based on sample surveys, and therefore may differ from the figures that would be obtained if complete censuses had been taken. The standard error is primarily a measure of sampling variability that occurs by chance because only a sample rather than an entire universe is surveyed. Standard errors for the estimates from the NSAS and the NHDS were calculated with SUDAAN software, which takes into account their complex sample designs. A description of the software and the approach it uses has been published (25).

The chances are about 32 in 100 that an estimate from the samples 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

**NOTICE** - All information which would permit identification of an individual 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. Public reporting burden for this collection of information is estimated to average 12 minutes per response. Send comments regarding this burden estimate or any other aspect of this collection of information including suggestions for reducing this burden to PHS Reports Clearance Officer: Atten: PRA: Hubert H. Humphrey Building, Room 721-B; 200 Independence Avenue, SW; Washington, DC 20201, and to the Office of Management and Budget; Paper Reduction Project (0920-0334), Washington, DC 20503.

FORM **NSAS-5**  
(12-14-93)

U.S. DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS  
ACTING AS COLLECTING AGENT FOR  
DEPARTMENT OF HEALTH AND HUMAN SERVICES  
U.S. PUBLIC HEALTH SERVICE  
CENTERS FOR DISEASE CONTROL AND PREVENTION  
NATIONAL CENTER FOR HEALTH STATISTICS

## NATIONAL SURVEY OF AMBULATORY SURGERY MEDICAL ABSTRACT

### A. PATIENT IDENTIFICATION

<b>1. Facility number</b> <input style="width: 100%;" type="text"/>	<b>2. NSAS number and list used</b> <input style="width: 100%;" type="text"/>	<b>3. Medical record number</b> <input style="width: 100%;" type="text"/>
<b>4. Date of surgery</b> Month <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> Day <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> Year <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/>	<b>5. Residence ZIP Code</b> <input style="width: 100%;" type="text"/>	

### B. PATIENT CHARACTERISTICS

<b>6. Date of birth</b> Month <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> Day <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> Year <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/>	<b>7. Age (Complete only if date of birth not given)</b> Units <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> { 1 <input type="checkbox"/> Years 2 <input type="checkbox"/> Months 3 <input type="checkbox"/> Days	
<b>8. Sex (Mark (X) one)</b> 1 <input type="checkbox"/> Male 2 <input type="checkbox"/> Female 3 <input type="checkbox"/> Not stated	<b>9. Race</b> 1 <input type="checkbox"/> White 2 <input type="checkbox"/> Black 3 <input type="checkbox"/> American Indian/ Eskimo/Aleut 4 <input type="checkbox"/> Asian/Pacific Islander 5 <input type="checkbox"/> Other - Specify _____ 6 <input type="checkbox"/> Not stated	<b>10. Ethnicity (Mark (X) one)</b> 1 <input type="checkbox"/> Hispanic origin 2 <input type="checkbox"/> Non-Hispanic 3 <input type="checkbox"/> Not stated
<b>11. Status/Disposition of patient (Mark (X) appropriate box)</b> 1 <input type="checkbox"/> Routine discharge to customary residence 2 <input type="checkbox"/> Discharge to observation status 3 <input type="checkbox"/> Discharge to recovery care center 4 <input type="checkbox"/> Admitted to hospital as inpatient 5 <input type="checkbox"/> Surgery canceled or terminated 6 <input type="checkbox"/> Other - Specify <input checked="" type="checkbox"/> 7 <input type="checkbox"/> Status/Disposition not stated		

### C. PAYMENT DATA

<b>12. Expected source(s) of payment</b>	Principal (Mark (X) one only)	Other additional sources (Mark (X) all that apply)																																												
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;"><b>Government sources</b></td> <td style="width: 45%;">                     a. Worker's compensation ..... <input type="checkbox"/> </td> <td style="width: 15%; text-align: center;"><input type="checkbox"/></td> <td style="width: 25%;"></td> </tr> <tr> <td></td> <td>b. Medicare ..... <input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td></td> </tr> <tr> <td></td> <td>c. Medicaid ..... <input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td></td> </tr> <tr> <td></td> <td>d. CHAMPUS ..... <input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td></td> </tr> <tr> <td></td> <td>e. Other government payments ..... <input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td></td> </tr> <tr> <td><b>Private sources</b></td> <td>f. Blue Cross/Blue Shield ..... <input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td></td> </tr> <tr> <td></td> <td>g. HMO/PPO ..... <input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td></td> </tr> <tr> <td></td> <td>h. Other private or commercial insurance ..... <input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td></td> </tr> <tr> <td><b>Other sources</b></td> <td>i. Self-pay ..... <input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td></td> </tr> <tr> <td></td> <td>j. No charge ..... <input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td></td> </tr> <tr> <td></td> <td>k. Other - Specify _____ <input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td></td> </tr> </table>	<b>Government sources</b>	a. Worker's compensation ..... <input type="checkbox"/>	<input type="checkbox"/>			b. Medicare ..... <input type="checkbox"/>	<input type="checkbox"/>			c. Medicaid ..... <input type="checkbox"/>	<input type="checkbox"/>			d. CHAMPUS ..... <input type="checkbox"/>	<input type="checkbox"/>			e. Other government payments ..... <input type="checkbox"/>	<input type="checkbox"/>		<b>Private sources</b>	f. Blue Cross/Blue Shield ..... <input type="checkbox"/>	<input type="checkbox"/>			g. HMO/PPO ..... <input type="checkbox"/>	<input type="checkbox"/>			h. Other private or commercial insurance ..... <input type="checkbox"/>	<input type="checkbox"/>		<b>Other sources</b>	i. Self-pay ..... <input type="checkbox"/>	<input type="checkbox"/>			j. No charge ..... <input type="checkbox"/>	<input type="checkbox"/>			k. Other - Specify _____ <input type="checkbox"/>	<input type="checkbox"/>			
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	j. No charge ..... <input type="checkbox"/>	<input type="checkbox"/>																																												
	k. Other - Specify _____ <input type="checkbox"/>	<input type="checkbox"/>																																												
<input type="checkbox"/> No source of payment indicated																																														

<b>13a. Billing number (If necessary)</b>	<b>13b. Total charges:</b> \$ _____ . 00	<input type="checkbox"/> Not available
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(OVER)

Figure I. Medical abstract for the National Survey of Ambulatory Surgery, 1996

<b>D. SURGICAL VISIT DATA</b>				
<b>14. Time</b>		Not available	<b>15. Type of anesthesia</b> <i>(Mark (X) all that apply)</i>	
<b>a.</b> Time in to operating room	a.m. p.m.	<input type="checkbox"/>	<b>a.</b> Topical/local ..... <input type="checkbox"/> <b>b.</b> IV sedation ..... <input type="checkbox"/> <b>c.</b> MAC (Monitored Anesthesia Care) ..... <input type="checkbox"/> <b>d.</b> Regional <b>(1)</b> Epidural ..... <input type="checkbox"/> <b>(2)</b> Spinal ..... <input type="checkbox"/> <b>(3)</b> Retrobulbar block ..... <input type="checkbox"/> <b>(4)</b> Peribulbar block ..... <input type="checkbox"/> <b>(5)</b> Block ..... <input type="checkbox"/> <b>e.</b> General ..... <input type="checkbox"/> <b>f.</b> Other – <i>Specify</i> <u>z</u> ..... <input type="checkbox"/>  <b>g.</b> None specified ..... <input type="checkbox"/>	
<b>b.</b> Time surgery began	a.m. p.m.	<input type="checkbox"/>		
<b>c.</b> Time surgery ended	a.m. p.m.	<input type="checkbox"/>		
<b>d.</b> Time out of operating room	a.m. p.m.	<input type="checkbox"/>		
<b>e.</b> Time in to postoperative care	a.m. p.m.	<input type="checkbox"/>		
<b>f.</b> Time out of postoperative care	a.m. p.m.	<input type="checkbox"/>		
<b>16. Anesthesia administered by – (Mark (X) all that apply)</b>				
1 <input type="checkbox"/> Anesthesiologist		3 <input type="checkbox"/> Surgeon/Other physician		
2 <input type="checkbox"/> CRNA (Certified Registered Nurse Anesthetist)		4 <input type="checkbox"/> Not stated/Not specified		
<b>E. MEDICAL DATA</b>				
<b>17. Final diagnoses (including E- code diagnoses) – Narrative description</b>				Optional – ICD-9-CM Nos.
Principal	1.			•
Other/ Additional	2.			•
	3.			•
	4.			•
	5.			•
	6.			•
	7.			•
<b>18. Surgical and diagnostic procedures – Narrative description</b>			Optional – CPT-4 Nos.	Optional – ICD-9-CM Nos.
Principal	1.			•
Other/ Additional	2.			•
	3.			•
	4.			•
	5.			•
	6.			•
<input type="checkbox"/> None				
Completed by			Date	OFFICE USE ONLY
				FR code

**CONFIDENTIAL** - All information which would permit identification of an individual or of 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.

FORM **HDS-1**  
(3-12-93)

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES  
U.S. PUBLIC HEALTH SERVICE  
CENTERS FOR DISEASE CONTROL  
NATIONAL CENTER FOR HEALTH STATISTICS

## MEDICAL ABSTRACT - NATIONAL HOSPITAL DISCHARGE SURVEY

<p><b>A. PATIENT IDENTIFICATION</b></p> <p>1. Hospital number ..... <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/></p> <p>2. HDS number ..... <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/></p> <p>3. Medical record number .....</p>	<p style="text-align: center;">Month      Day      Year</p> <p>4. Date of admission . . . <input type="text"/> <input type="text"/> - <input type="text"/> <input type="text"/> - <input type="text"/> <input type="text"/></p> <p>5. Date of discharge . . . <input type="text"/> <input type="text"/> - <input type="text"/> <input type="text"/> - <input type="text"/> <input type="text"/></p> <p>6. Residence ZIP Code <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/></p>
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<p><b>B. PATIENT CHARACTERISTICS</b></p> <p>7. Date of birth      Month      Day      Year  <input type="text"/> <input type="text"/> - <input type="text"/> <input type="text"/> - <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/></p>	<p>8. Age (Complete only if date of birth not given) ..... <input type="text"/> <input type="text"/> <input type="text"/> Units</p> <div style="float: right;"> <input type="checkbox"/> 1 Years  <input type="checkbox"/> 2 Months  <input type="checkbox"/> 3 Days         </div>
---	---

9. Sex (Mark (X) one)	1 <input type="checkbox"/> Male	2 <input type="checkbox"/> Female	3 <input type="checkbox"/> Not stated
10. Race	1 <input type="checkbox"/> White	3 <input type="checkbox"/> American Indian/Eskimo/Aleut	5 <input type="checkbox"/> Other (Specify) .....
	2 <input type="checkbox"/> Black	4 <input type="checkbox"/> Asian/Pacific Islander	6 <input type="checkbox"/> Not stated
11. Ethnicity (Mark (X) one)	1 <input type="checkbox"/> Hispanic origin	2 <input type="checkbox"/> Non-Hispanic	3 <input type="checkbox"/> Not stated
12. Marital status (Mark (X) one)	1 <input type="checkbox"/> Married	3 <input type="checkbox"/> Widowed	5 <input type="checkbox"/> Separated
	2 <input type="checkbox"/> Single	4 <input type="checkbox"/> Divorced	6 <input type="checkbox"/> Not stated

<p><b>13. Expected source(s) of payment</b></p> <table style="width:100%;"> <tr> <td style="width:15%;"></td> <td style="width:35%; text-align: center;">Principal (Mark one only)</td> <td style="width:35%; text-align: center;">Other additional sources (Mark accordingly)</td> </tr> <tr> <td rowspan="5" style="vertical-align: middle;"><b>Government sources</b></td> <td>1. Worker's compensation .....</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>2. Medicare .....</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>3. Medicaid .....</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>4. Title V .....</td> <td rowspan="2" style="text-align: center;">}</td> <td rowspan="2" style="text-align: center;">}</td> </tr> <tr> <td>5. Other government payments .....</td> </tr> <tr> <td rowspan="2" style="vertical-align: middle;"><b>Private sources</b></td> <td>6. Blue Cross .....</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>7. Other private or commercial insurance .....</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td rowspan="3" style="vertical-align: middle;"><b>Other sources</b></td> <td>8. Self pay .....</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>9. No charge .....</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>10. Other (Specify) .....</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table> <p><input type="checkbox"/> No source of payment indicated</p>		Principal (Mark one only)	Other additional sources (Mark accordingly)	<b>Government sources</b>	1. Worker's compensation .....	<input type="checkbox"/>	<input type="checkbox"/>	2. Medicare .....	<input type="checkbox"/>	<input type="checkbox"/>	3. Medicaid .....	<input type="checkbox"/>	<input type="checkbox"/>	4. Title V .....	}	}	5. Other government payments .....	<b>Private sources</b>	6. Blue Cross .....	<input type="checkbox"/>	<input type="checkbox"/>	7. Other private or commercial insurance .....	<input type="checkbox"/>	<input type="checkbox"/>	<b>Other sources</b>	8. Self pay .....	<input type="checkbox"/>	<input type="checkbox"/>	9. No charge .....	<input type="checkbox"/>	<input type="checkbox"/>	10. Other (Specify) .....	<input type="checkbox"/>	<input type="checkbox"/>	<p><b>14. Status/Disposition of patient (Mark (X) appropriate box(es))</b></p> <table style="width:100%;"> <tr> <td style="width:50%;">Status</td> <td style="width:50%;">Disposition</td> </tr> <tr> <td>1 <input type="checkbox"/> Alive →</td> <td>a. <input type="checkbox"/> Routine discharge/discharged home</td> </tr> <tr> <td></td> <td>b. <input type="checkbox"/> Left against medical advice</td> </tr> <tr> <td></td> <td>c. <input type="checkbox"/> Discharged, transferred to another short-term hospital</td> </tr> <tr> <td></td> <td>d. <input type="checkbox"/> Discharged, transferred to long-term care institution</td> </tr> <tr> <td></td> <td>e. <input type="checkbox"/> Other disposition/not stated</td> </tr> <tr> <td>2 <input type="checkbox"/> Died</td> <td></td> </tr> <tr> <td>3 <input type="checkbox"/> Status not stated</td> <td></td> </tr> </table>	Status	Disposition	1 <input type="checkbox"/> Alive →	a. <input type="checkbox"/> Routine discharge/discharged home		b. <input type="checkbox"/> Left against medical advice		c. <input type="checkbox"/> Discharged, transferred to another short-term hospital		d. <input type="checkbox"/> Discharged, transferred to long-term care institution		e. <input type="checkbox"/> Other disposition/not stated	2 <input type="checkbox"/> Died		3 <input type="checkbox"/> Status not stated	
	Principal (Mark one only)	Other additional sources (Mark accordingly)																																																	
<b>Government sources</b>	1. Worker's compensation .....	<input type="checkbox"/>	<input type="checkbox"/>																																																
	2. Medicare .....	<input type="checkbox"/>	<input type="checkbox"/>																																																
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	4. Title V .....	}	}																																																
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	9. No charge .....	<input type="checkbox"/>	<input type="checkbox"/>																																																
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	e. <input type="checkbox"/> Other disposition/not stated																																																		
2 <input type="checkbox"/> Died																																																			
3 <input type="checkbox"/> Status not stated																																																			

<b>C. FINAL DIAGNOSES (including E-code diagnoses)</b>	Optional - ICD-9-CM Nos.
Principal: _____	●
Other/additional: _____	●
_____	●
_____	●
_____	●
_____	●
<input type="checkbox"/> See reverse side for additional diagnoses	

<b>D. SURGICAL AND DIAGNOSTIC PROCEDURES</b>	Date
Principal: _____	Month      Day      Year
Other/additional: _____	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
_____	●
_____	●
<input type="checkbox"/> NONE <input type="checkbox"/> See reverse side for additional diagnoses	

Completed by _____	Date _____
--------------------	------------

Figure II. Medical abstract for the National Hospital Discharge Survey, 1996

**Table I. Civilian population by age, region, and sex: United States, 1996**

[Population estimates consistent with Population Division Release PPL no. 57, U.S. Bureau of the Census]

Age and region	Both sexes	Male	Female
Population in thousands			
All ages			
Total . . . . .	263,998	128,691	135,306
Region:			
Northeast . . . . .	51,520	24,867	26,653
Midwest . . . . .	61,983	30,212	31,771
South . . . . .	92,373	44,718	47,655
West . . . . .	58,122	28,895	29,228
Under 15 years			
Total . . . . .	57,708	29,549	28,159
Under 1 year . . . . .	3,769	1,928	1,841
1-4 years . . . . .	15,516	7,940	7,577
5-14 years . . . . .	38,422	19,681	18,741
Region:			
Northeast . . . . .	10,606	5,433	5,173
Midwest . . . . .	13,445	6,888	6,557
South . . . . .	20,097	10,280	9,817
West . . . . .	13,561	6,949	6,612
15-44 years			
Total . . . . .	118,734	59,292	59,442
15-24 years . . . . .	35,739	18,206	17,533
25-34 years . . . . .	39,868	19,754	20,114
35-44 years . . . . .	43,127	21,332	21,795
Region:			
Northeast . . . . .	22,835	11,362	11,473
Midwest . . . . .	27,798	13,901	13,898
South . . . . .	41,417	20,460	20,957
West . . . . .	26,684	13,570	13,114
45-64 years			
Total . . . . .	53,694	25,969	27,725
45-54 years . . . . .	32,334	15,804	16,530
55-64 years . . . . .	21,360	10,165	11,195
Region:			
Northeast . . . . .	10,763	5,150	5,613
Midwest . . . . .	12,612	6,125	6,488
South . . . . .	19,036	9,140	9,896
West . . . . .	11,283	5,554	5,729
65 years and over			
Total . . . . .	33,861	13,881	19,980
65-74 years . . . . .	18,669	8,325	10,345
75-84 years . . . . .	11,430	4,486	6,944
85 years and over . . . . .	3,762	1,070	2,692
Region:			
Northeast . . . . .	7,316	2,922	4,394
Midwest . . . . .	8,128	3,299	4,829
South . . . . .	11,824	4,838	6,985
West . . . . .	6,594	2,822	3,772

error (RSE) expresses the standard error as a proportion of the estimate and can be multiplied by the estimate to obtain the standard error.

Specific standard errors are provided for the estimates in tables A-L and 1-9. To derive approximate standard errors for the estimates in table 11, first

calculate the approximate RSE of the estimate using the parameters shown in table III and then multiply the approximate RSE by the estimate. The approximate RSE of an estimate *X* from either NSAS alone or NHDS alone may be estimated from the formula:

$$RSE(X) = \sqrt{a+b/X}$$

where *a* and *b* are defined in table III. When multiplied by 100, RSE(*X*) is expressed as a percent of *X*.

The approximate standard error (SE) for a combined estimate (*X*+*Y*) of data from the NSAS (*X*) and the NHDS (*Y*) is calculated using the formula:

$$SE(X+Y) = \sqrt{[SE(X)]^2 + [SE(Y)]^2}$$

The approximate RSE for a combined estimate is obtained by dividing the standard error by the estimate. When the resulting value is multiplied by 100, the RSE is expressed as a percent of the estimate.

The approximate RSE for a percent *p* in which the numerator and denominator are both from the same survey and the numerator is a subclass of the denominator may be calculated directly using the formula:

$$RSE(p) = \sqrt{b(1-p) / (pX)}$$

where 100 *p* is the percent of interest, *X* is the denominator of the percent, and *b* is the parameter *b* in the formula for approximating the RSE(*X*). The values for *b* are given in table III. When multiplied by 100, RSE(*p*) is expressed as a percent of *p*. This approximation is valid if the RSE of the denominator is less than 5 percent or the RSE's of the numerator and denominator are both less than 10 percent (26,27).

The approximate RSE of a population-based rate is equivalent to the approximate RSE of the numerator, if the denominator is an estimate produced by the U.S. Bureau of the Census for the total population or one or more of the age-sex groups of the total population.

The approximate RSE of a ratio (*X*/*Y*) in which the numerator (*X*) and the denominator (*Y*) are both estimated from the same survey, but the numerator is not a subclass of the denominator is calculated using the formula:



**Table II. Code numbers for procedures considered nonsurgical in the National Survey of Ambulatory Surgery and the National Hospital Discharge Survey by ICD-9-CM category, 1996**

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

Procedure category and ICD-9-CM code	Nonsurgical codes
Operations on the nervous system . . . . .	01-05 01.18-01.19,03.31,03.39,04.19,05.19
Operations on the endocrine system . . . . .	06-07 06.19, 07.19
Operations on the eye . . . . .	08-16 08.19,09.19,09.41-09.49,10.29,11.29,12.29,14.19,15.09,16.21,16.29
Operations on the ear . . . . .	18-20 18.01,18.11,18.19,20.31,20.39
Operations on the nose, mouth, and pharynx . . . . .	21-29 21.00-21.02,21.21,21.29,22.19,24.19,25.09,26.19,27.29,28.19,29.11,29.19
Operations on the respiratory system . . . . .	30-34 31.41-31.42,31.48-31.49,33.21-33.23,33.29,34.21-34.22,34.28-34.29
Operations on the cardiovascular system . . . . .	35-39 37.26-37.27,37.29,38.29,39.95
Operations on the hemic and lymphatic system . . . . .	40-41 40.19,41.38-41.39
Operations on the digestive system . . . . .	42-54 42.22-42.23,42.29,44.11-44.13,44.19,45.11-45.13,45.19,45.21-45.24, 45.28-45.29,48.21-48.23,48.29,49.21,49.29,50.19,51.10-51.11,51.19, 52.19,54.21,54.29
Operations on the urinary system . . . . .	55-59 55.21-55.22,55.29,56.31,56.35,56.39,57.31-57.32,57.39,57.94-57.95, 58.21-58.22,58.29,59.29
Operations on the male genital organs . . . . .	60-64 60.18-60.19,61.19,62.19,63.09,64.19,64.94
Operations on the female genital organs . . . . .	65-71 65.19,66.19,67.19,68.11,68.19,69.92,70.21-70.22,70.29,71.19
Obstetrical procedures . . . . .	72-75 73.4-73.59,73.91-73.92,75.31-75.32,75.34-75.35,75.94
Operations on the musculoskeletal system . . . . .	76-84 76.19,78.80-78.89,80.20-80.29,81.98,83.29,84.41-84.43,84.45-84.47
Operations on the integumentary system . . . . .	85-86 85.19,86.19,86.92
Miscellaneous diagnostic and therapeutic procedures . . . . .	87-99 87.01-99.99

**Table III. Estimated parameters for relative standard error equations for estimates of ambulatory and inpatient discharges and procedures by selected characteristics, 1996**

Characteristic	Number of discharges				Number of procedures			
	Ambulatory <sup>1</sup>		Inpatient <sup>2</sup>		Ambulatory <sup>1</sup>		Inpatient <sup>2</sup>	
	a	b	a	b	a	b	a	b
Total . . . . .	0.00362	515.109	0.00135	355.278	0.00356	644.341	0.00265	367.004
Sex								
Male . . . . .	0.00329	551.613	0.00153	328.232	0.00366	563.173	0.00347	330.761
Female . . . . .	0.00638	684.723	0.00157	384.999	0.00366	563.173	0.00278	331.207
Age								
Under 15 years . . . . .	0.00417	359.202	0.01700	229.443	0.00516	338.199	0.01858	236.345
15-44 years . . . . .	0.00368	493.767	0.00158	322.959	0.00402	544.278	0.00398	298.470
45-64 years . . . . .	0.00342	549.183	0.00147	321.327	0.00445	502.229	0.00373	293.436
65 years and over . . . . .	0.00410	452.924	0.00157	340.854	0.00458	439.690	0.00252	277.559
Region								
Northeast . . . . .	0.01370	397.969	0.00437	213.840	0.01245	523.405	0.00668	234.728
Midwest . . . . .	0.00100	1,055.211	0.01253	384.988	0.01851	787.293	0.00821	154.838
South . . . . .	0.01985	507.941	0.00358	350.427	0.01201	384.235	0.00441	270.511
West . . . . .	0.01267	405.414	0.00519	389.105	0.01601	378.322	0.00829	369.526
Ambulatory surgery location								
Hospital . . . . .	0.00914	695.494	...	...	0.00413	659.574	...	...
Freestanding center . . . . .	0.04372	130.840	...	...	0.02120	103.392	...	...

... Category not applicable.

<sup>1</sup>Data from the National Survey of Ambulatory Surgery.

<sup>2</sup>Data from the National Hospital Discharge Survey.

NOTE: The relative standard error (RSE) for an estimate (X) can be determined from the equation  $RSE(X) = \sqrt{a + b/X}$ . When multiplied by 100, the RSE(X) is expressed as a percent of X.

$$RSE(X/Y) = \sqrt{[RSE(X)]^2 + [RSE(Y)]^2}$$

When multiplied by 100, the RSE(X/Y) is expressed as a percent of the ratio, X/Y. This approximation is valid if the RSE of the denominator is less than

5 percent or the RSE's of both the numerator and denominator are both less than 10 percent (26,27).

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