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National Hospital Discharge Survey: Annual Summary, 1995

January 1998



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



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Survey
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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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Under the legislation establishing the National Health Survey, the Public Health Service is authorized to use, insofar as possible, the services or facilities of the 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 survey and collecting the data.

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Objectives

This report presents national estimates of the use of non-Federal short-stay hospitals in the United States during 1995. Estimates are provided by demographic characteristics of patients discharged, geographic region of hospitals, conditions diagnosed, and surgical and nonsurgical procedures performed. Measurements of hospital use include number and rate of discharges and days of care, and the average length of stay.

Methods

The estimates are based on data collected through the National Hospital Discharge Survey for 1995. In 1995 data were collected for approximately 263,000 discharges. Of the 508 eligible non-Federal short-stay hospitals, 466 (92 percent) responded to the survey. Diagnoses and procedures are presented according to their code numbers listed in the *International Classification of Diseases, 9th Revision, Clinical Modification*, or ICD-9-CM.

Results

In 1995 there were an estimated 30.7 million discharges from non-Federal short-stay hospitals. These patients used a total of 164.6 million days of care and had an average length of stay of 5.4 days. Other data summarized in this report include estimates for diagnoses, procedures, expected source of payment, hospital deaths, and newborn infants.

Keywords: *inpatients • diagnoses • procedures • ICD-9-CM*

National Hospital Discharge Survey

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Highlights

- During 1995 there were an estimated 30.7 million discharges of inpatients from non-Federal short-stay hospitals, excluding newborn infants. These patients used an estimated 164.6 million days of care.
- Patients 65 years of age and over comprise approximately 13 percent of the population, but they accounted for 38 percent of all discharges and used 48 percent of all days of care.
- Deliveries and heart disease combined accounted for almost 8 million discharges and made up 25 percent of all first-listed diagnoses.
- Heart disease was the first-listed diagnosis for 23 percent of discharges for patients 65 years of age and over.
- At least one procedure was reported for 63 percent of discharges.
- Four obstetrical procedures (episiotomy, repair of current obstetric laceration, cesarean section, and artificial rupture of membranes) accounted for 17 percent of all surgical procedures.
- Three nonsurgical procedures were performed 1 million times or more: Arteriography and angiocardiology using contrast material (1.8 million), diagnostic ultrasound (1.2 million), and

- respiratory therapy (1.1 million). Computerized axial tomography and fetal electrocardiogram (EKG) and fetal monitoring were each performed over 900,000 times.
- In 1995, 74 percent of all human immunodeficiency virus (HIV) discharges were male and 73 percent of all HIV discharges were 25-44 years of age.
- In 1995 deaths accounted for 3 percent of discharges.
- First-listed diagnoses of heart disease and malignant neoplasms accounted for 35 percent of deaths in short-stay hospitals.
- In 1995, 76 percent of newborn infants were hospitalized for less than 3 days, compared with only 31 percent in 1980.

Introduction

This report presents data from the 1995 National Hospital Discharge Survey (NHDS). The survey has been conducted continuously by the National Center for Health Statistics (NCHS) since 1965. National estimates of hospital use derived from NHDS are published by NCHS for each calendar year. This report provides a summary of the 1995 data, including the number and rate of discharges; days of care; and average lengths of stay by age, sex, and race of patients; and by geographic region of hospitals. Estimates are also

This report was prepared in the Division of Health Care Statistics. David Lei of the OAO Corporation produced estimated parameters for relative standard error equations. Pat Marrone and Rong Cai of the OAO Corporation did the computer programming for this report. This report was edited by Patricia Keaton-Williams and typeset by Annette F. Holman of the Publications Branch, Division of Data Services.

presented by principal expected source of payment, first-listed diagnosis, all-listed diagnoses, and all-listed procedures. Additional data from NHDS are published in other reports in Series 13 of *Vital and Health Statistics*, including two reports on trends in hospital use (1,2).

NHDS is the principal source for national data on the characteristics of patients discharged from non-Federal short-stay hospitals. Data from NHDS are used to examine important public health topics (3–9) and for a variety of planning, administrative, and evaluation activities conducted by governmental, scientific, academic, and commercial institutions.

Estimates of the number of procedures shown in this report are only for inpatients. Ambulatory surgery data are collected by NCHS via the National Survey of Ambulatory Surgery (NSAS). NSAS was implemented in 1994 and covers ambulatory surgery in hospitals and freestanding centers. NSAS data have been published elsewhere (10) and are not included in the tables of this report.

Methods

Data Source

NHDS data are collected from a sample of inpatient records acquired from a national probability sample of hospitals. Persons with multiple discharges during the year may be sampled more than once, resulting in estimates for discharges, not persons. Only hospitals with an average length of stay of fewer than 30 days for all patients, general hospitals, or children's general hospitals are 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 are excluded.

Before 1988 NHDS had a two-stage design; in 1988 the survey was redesigned (11). Beginning in 1988 all hospitals with 1,000 beds or more or

40,000 discharges or more annually were included in the sample with certainty. The remaining sample of hospitals was based on a stratified three-stage design. The first stage consisted of the selection of 112 primary sampling units (PSU's) that comprise a probability sample of PSU's used in the 1985–94 National Health Interview Survey (12). The second stage consisted of the selection of noncertainty hospitals from the sample PSU's. At the third stage, a systematic random sample of discharges within hospitals was selected. Beginning with 1988 data, the sampling frame for hospitals has been the SMG Hospital Market Database (13–15).

For 1995 the sample consisted of 525 hospitals, 17 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 508 in-scope (eligible) hospitals, 466 (92 percent) responded to the survey. Data were collected for approximately 263,000 patient discharges from the 466 responding hospitals.

Two data collection procedures were used for the survey. 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. Completed forms were sent to NCHS for data coding, editing, and estimation.

The other data collection procedure used was an automated system, in which NCHS purchased tapes containing machine-readable medical record data from commercial organizations, State data systems, hospitals, or hospital associations. Records from these tapes were systematically sampled by NCHS. In 1995 approximately 36 percent of respondent hospitals provided data through the automated system.

The medical abstract form and the automated data tapes contain items that relate to the personal characteristics of the patient. These items include birth date (or age), sex, race, ethnicity, marital status, ZIP Code, and expected sources of payment. Administrative items such as admission and discharge

dates, discharge status, and medical record number are also included. The medical information about patients includes diagnoses, surgical and nonsurgical procedures, and dates of surgery. (The medical record number, date of birth, and ZIP Code are confidential information that are not available to the public.) Medical data are coded according to the ICD–9–CM (16).

For the manual data collection, an ongoing quality control program was undertaken for the coding and entering of data from abstracts to machine-readable form. Approximately 5 percent of the abstracts are independently recoded by an NHDS coder, with discrepancies resolved by the chief coder. The overall error rate for records manually coded by NCHS for the 1995 data year was 4.3 percent for medical (ICD–9–CM) coding and data entry and 1.4 percent for demographic coding and data entry.

Estimation

Because of the nature of sample data, the survey data must be inflated or weighted to produce national estimates. The estimation procedure produces essentially unbiased national estimates and has three basic components: (a) inflation by reciprocals of the probabilities of sample selection, (b) adjustment for nonresponse, and (c) population-weighting ratio adjustments. These three components of the final weight are described in more detail in an earlier report (2). Information about the standard errors of statistics for the 1995 NHDS are in the appendix of this report.

Use of Tables

Estimates of hospital use shown in [tables A–R](#) provide information about specific topics discussed in the text. Additional information on hospital utilization is presented in [tables 1–29](#). Some tables show first-listed diagnosis, which is the diagnosis specified as “principal” on the face sheet or discharge summary of the medical record. However, if a principal diagnosis is not specified, the first one listed on

the face sheet or discharge summary of the medical record is used. Data for all-listed diagnoses shown in [tables 18–21](#), include the first-listed diagnosis and a maximum of six other diagnoses appearing in the medical record.

Estimates of procedures, which consist of surgical and nonsurgical procedures, are also published. A list of nonsurgical procedures, such as diagnostic endoscopy and radiography, radiotherapy and related therapies, physical medicine and rehabilitation ICD–9–CM codes, are shown in the appendix. Procedures not on this list are considered surgical. In tables showing all-listed procedures, a maximum of four procedures are included per discharge regardless of their order in the medical record.

Selected diagnostic and procedure categories appear by ICD–9–CM codes within their respective chapters. These categories were selected because of their large estimates or because they are of special interest. Although diagnoses assigned ICD–9–CM codes E800–E999 (Supplementary classification of external causes of injury and poisoning) were included in NHDS, these diagnoses were excluded from this report. Data for newborn infants, who are defined as patients admitted to a hospital by birth, are provided in text [tables N, O, Q, and R](#). Data for newborn infants are excluded from all other tables in the report.

Because of low reliability, estimates less than 5,000 and associated-derived estimates (such as rates and average length of stay) are not presented. In the tables, these estimates are indicated by an asterisk only. These estimates generally have a relative standard error of more than 30 percent or are based on a sample of fewer than 30 cases. Estimates of 5,000 to 9,000 and associated-derived estimates are preceded by an asterisk to indicate that they are generally based on fewer than 60 cases and have low reliability.

Estimates have been rounded to the nearest thousand. For this reason, figures within tables do not always add to the totals. Rates and average lengths of stay were calculated from unrounded figures and may not precisely agree with rates or average lengths of stay calculated from rounded data.

The population estimates used in computing rates are for the U.S. civilian population, including institutionalized persons, as of July 1, 1995. These estimates, which are shown in the appendix, were provided by the U.S. Bureau of the Census and are consistent with the population estimates published in *Current Population Reports*, Series P-25.

Results

Trends

Table A presents the number and rate of discharges, number and rate of days of care, and the average length of stay of discharges by age for selected years, 1970–95. In 1995 there were an estimated 30.7 million discharges of inpatients from short-stay hospitals. These patients used a total of 164.6 million days of care and had an average length of stay of 5.4 days. The number and rate of discharges and days of care for short-stay hospitals generally increased from 1965 through the 1970's, but declined during the 1980's (1,2). The total number of discharges has not changed significantly since the redesign of the NHDS in 1988 (2). The rate of discharges, the number and rate of days of care, and the average length of stay for all ages have continued to decline.

In 1970 patients 65 years and over comprised 20 percent (5.9 million) of the discharges and 33 percent (74.2 million) of the days of care ([table A](#)). In 1995 these patients made up 38 percent (11.6 million) of the discharges and 48 percent (78.9 million) of the days of care. The average length of stay for the elderly was 12.6 days in 1970 compared with 6.8 days in 1995.

Diagnoses

Hospital use measures for selected first-listed diagnoses are shown in [table B](#). The categories shown accounted for more than one-half of the discharges and days of care in short-stay hospitals in 1995.

Heart disease was the first-listed diagnosis for 4.1 million discharges

(13 percent). These discharges had an average length of stay of 5.5 days and accounted for 14 percent of total days of care.

An estimated 3.8 million discharges (12 percent) were females hospitalized for deliveries. Because of their short average length of stay (2.1 days), these discharges accounted for only 5 percent of total days of care.

Malignant neoplasms was the first-listed diagnosis category for 1.4 million discharges (5 percent). The average length of stay for these discharges was 7.3 days; they used 6 percent of the total days of care.

Pneumonia, psychoses, fractures, and cerebrovascular disease each accounted for more than 900,000 discharges. Discharges with each of these four diagnoses had more than 6 million days of care. Discharges with a first-listed diagnosis of psychosis had a particularly long average length of stay (10.3 days), and they used 8 percent of total days of care.

As shown in [table C](#), heart disease was the first-listed diagnosis for an estimated 2.6 million discharges 65 years of age and over, which was 23 percent of the discharges of this age group. Malignant neoplasms accounted for 7 percent of discharges 65 years of age and over. The diagnoses of cerebrovascular disease or pneumonia each accounted for 6 percent of first-listed diagnoses for discharges 65 years of age and over. The average lengths of stay for this age group were 5.9 days for heart disease, 8.0 days for malignant neoplasms, 6.8 days for cerebrovascular disease, and 7.8 days for pneumonia.

Procedures

In 1995, 19.2 million discharges (63 percent) had one or more surgical, diagnostic, or therapeutic procedures ([table D](#)). At least one surgical procedure was reported for 13.9 million discharges (45 percent).

The proportion of discharges with surgical procedures ranged from 22 percent for children under 15 years of age to 56 percent for patients 15–44 years of age, many of whom had

Table A. Number and rate of discharges from short-stay hospitals and of days of care, and average length of stay, by age: United States, selected years, 1970–95

[Discharges of inpatients from non-Federal hospitals. Excludes newborn infants]

Age	1970	1975	1980	1985	1990	1995
Number of discharges in thousands						
All ages	29,127	34,043	37,832	35,056	30,788	30,722
Under 15 years	3,873	3,826	3,672	2,972	2,412	2,405
15–44 years	12,664	14,171	15,635	13,966	11,799	10,593
45–64 years	6,693	8,391	8,660	7,610	6,244	6,168
65 years and over	5,897	7,654	9,864	10,508	10,333	11,556
65–74 years	3,163	4,057	4,943	5,011	4,689	4,832
75–84 years	2,099	2,728	3,611	3,969	3,949	4,590
85 years and over	635	869	1,310	1,528	1,694	2,134
Rate of discharges per 1,000 population						
All ages	144.3	159.2	167.7	148.4	124.3	117.5
Under 15 years	66.8	70.4	71.6	57.7	44.6	41.7
15–44 years	154.6	152.4	150.1	125.0	101.6	89.8
45–64 years	159.6	191.8	194.8	170.8	135.0	118.2
65 years and over	293.3	337.3	383.7	369.8	330.9	344.6
65–74 years	253.2	291.5	315.8	297.3	259.1	257.6
75–84 years	339.5	392.1	463.9	446.4	391.8	411.9
85 years and over	443.7	477.1	576.4	572.9	555.7	588.2
Number of days of care in thousands						
All ages	226,445	262,389	274,508	226,217	197,422	164,627
Under 15 years	18,189	17,554	16,191	13,554	11,655	10,715
15–44 years	71,605	80,687	81,951	67,397	54,062	40,825
45–64 years	62,419	75,393	71,008	53,541	42,153	34,207
65 years and over	74,232	88,754	105,358	91,726	89,552	78,880
65–74 years	37,873	44,963	49,253	41,090	37,422	31,310
75–84 years	27,633	32,906	40,355	36,024	35,926	31,974
85 years and over	8,726	10,886	15,750	14,612	16,204	15,597
Rate of days of care per 1,000 population						
All ages	1,121.6	1,227.3	1,216.7	957.7	796.9	629.8
Under 15 years	313.9	322.9	315.7	263.0	215.4	185.6
15–44 years	874.0	867.9	786.8	603.3	465.3	346.0
45–64 years	1,488.8	1,723.0	1,596.9	1,201.6	911.5	655.6
65 years and over	3,691.9	3,910.6	4,098.4	3,228.0	2,867.7	2,352.4
65–74 years	3,031.6	3,230.8	3,147.0	2,437.3	2,067.0	1,669.0
75–84 years	4,469.2	4,729.2	5,183.7	4,052.2	3,564.1	2,868.9
85 years and over	6,102.1	5,978.1	6,932.1	5,478.7	5,314.7	4,299.1
Average length of stay in days						
All ages	7.8	7.7	7.3	6.5	6.4	5.4
Under 15 years	4.7	4.6	4.4	4.6	4.8	4.5
15–44 years	5.7	5.7	5.2	4.8	4.6	3.9
45–64 years	9.3	9.0	8.2	7.0	6.8	5.5
65 years and over	12.6	11.6	10.7	8.7	8.7	6.8
65–74 years	12.0	11.1	10.0	8.2	8.0	6.5
75–84 years	13.2	12.1	11.2	9.1	9.1	7.0
85 years and over	13.7	12.5	12.0	9.6	9.6	7.3

procedures related to childbirth. At least one surgical procedure was performed on 48 percent of females and 41 percent of males.

The proportion of white discharges with a surgical procedure was 46 percent compared with 38 percent of black discharges. Race was not reported for 19 percent of discharges with surgical

procedures. It was also not reported for approximately 19 percent of discharges who had no procedures. NCHS has published a report on the underreporting of race in NHDS (17).

An estimated total of 22.5 million surgical procedures were performed for inpatients who had surgery (table E). When multiple procedures were

performed on a patient, the procedures were usually classified in different procedure categories. However, coronary artery bypass graft (CABG) (ICD–9–CM code 36.1) is an exception. A physician may perform more than one CABG procedure during a single operation. In 1995 a total of 573,000 CABG procedures were performed for

Table B. Number and rate of discharges from short-stay hospitals and of days of care, and average length of stay, by selected first-listed diagnostic categories: United States, 1995[Discharges of inpatients from non-Federal hospitals. Excludes newborn infants. Diagnostic groupings and code numbers are based on the *International Classification of Diseases, 9th Revision, Clinical Modification (ICD-9-CM)*]

Diagnostic category and ICD-9-CM code	Discharges		Days of care		Average length of stay in days
	Number in thousands	Rate per 10,000 population	Number in thousands	Rate per 10,000 population	
All conditions ¹	30,722	1,175.3	164,627	6,297.7	5.4
Heart disease	4,050	154.9	22,317	853.7	5.5
Acute myocardial infarction	410	771	5,121	195.9	6.6
Coronary atherosclerosis	414.0	895	4,337	165.9	4.8
Other ischemic heart disease	411-413, 414.1-414.9	464	1,769	67.7	3.8
Cardiac dysrhythmias	427	585	2,455	93.9	4.2
Congestive heart failure	428.0	872	5,543	212.0	6.4
Females with deliveries	V27	3,766	8,033	307.3	2.1
Malignant neoplasms	140-208,230-234	1,414	10,320	394.8	7.3
Malignant neoplasm of large intestine and rectum	153-154,197.5	140	1,468	56.1	10.5
Malignant neoplasm of trachea, bronchus, and lung	162,176.4,197.0,197.3	199	1,459	55.8	7.3
Malignant neoplasm of breast	174-175,198.81	140	490	18.8	3.5
Pneumonia	480-486	1,246	8,336	318.9	6.7
Psychosis	290-299	1,206	12,452	476.4	10.3
Fractures	800-829	988	6,254	239.2	6.3
Fracture of neck of femur	820	301	2,519	96.4	8.4
Cerebrovascular disease	430-438	926	6,294	240.8	6.8
Arthropathies and related disorders	710-719	561	3,137	120.0	5.6
Asthma	493	511	1,903	72.8	3.7
Diabetes mellitus	250	493	3,072	117.5	6.2
Cholelithiasis	574	430	1,804	69.0	4.2
Volume depletion	276.5	416	1,996	76.3	4.8
Benign neoplasms and neoplasms of uncertain behavior and unspecified nature	210-229,235-239	388	1,513	57.9	3.9
Acute respiratory infections	460-466	384	1,352	51.7	3.5
Cellulitis and abscess	681-682	350	2,129	81.4	6.1
Noninfectious enteritis and colitis	555-558	334	1,467	56.1	4.4
Intervertebral disc disorders	722	327	1,082	41.4	3.3
Urinary tract infection, site not specified	599.0	319	1,888	72.2	5.9

¹Includes data for diagnostic conditions not shown in table.

360,000 discharges. Thus, the number of CABG procedures should not be equated with the number of patients having the procedure.

Four obstetrical procedures accounted for 17 percent of all surgical procedures performed: Episiotomy, repair of current obstetric laceration, cesarean section, and artificial rupture of membranes. The rate per 100 deliveries was 20.0 for artificial rupture of membranes and 20.8 for cesarean section. There were 47.3 episiotomies and 32.3 repairs of current obstetric lacerations per 100 vaginal deliveries.

The cardiovascular procedures of cardiac catheterization; coronary artery bypass graft; removal of coronary artery obstruction; and insertion, replacement, removal, and revision of pacemaker leads or device together accounted for 11 percent of all surgical procedures on hospital inpatients.

Inpatients discharged from short-stay hospitals had an estimated 17 million nonsurgical procedures (table F). Three nonsurgical procedures were performed at least 1 million times: Arteriography and angiocardiology using contrast material (1.8 million), diagnostic ultrasound (1.2 million), and respiratory therapy (1.1 million). Computerized axial tomography and fetal EKG and fetal monitoring were nonsurgical procedures performed over 900,000 times each. These five procedures accounted for 35 percent of all nonsurgical procedures. Fetal EKG and fetal monitoring were performed at the rate of 24.8 per 100 deliveries.

An estimated 7.4 million surgical procedures were performed on discharges 65 years of age and over (table G). Four cardiovascular procedures accounted for 18 percent of

the surgical procedures on the elderly: Cardiac catheterization; coronary artery bypass graft; insertion, replacement, removal, and revision of pacemaker leads or device; and removal of coronary artery obstruction. Esophagogastroduodenoscopy accounted for an additional 3 percent of the surgical procedures for discharges 65 years of age and over.

The estimated number of nonsurgical procedures for discharges 65 years of age and over was 6.8 million (table H). Arteriography and angiocardiology using contrast material accounted for 13 percent of these procedures, diagnostic ultrasound for 9 percent, respiratory therapy for 8 percent, and computerized axial tomography for 7 percent.

Table C. Number and rate of discharges from short-stay hospitals, and average length of stay, for patients 65 years of age and over, by age and selected first-listed diagnostic categories: United States, 1995[Discharges of inpatients from non-Federal hospitals. Diagnostic groupings and code numbers are based on the *International Classification of Diseases, 9th Revision, Clinical Modification (ICD-9-CM)*]

Diagnostic category and ICD-9-CM code	65 years and over	65-74 years	75-84 years	85 years and over
		Discharges in thousands		
All conditions ¹	11,556	4,832	4,590	2,134
Heart disease 391-392.0,393-398,402,404,410-416,420-429	2,618	1,115	1,057	446
Acute myocardial infarction 410	471	210	188	73
Coronary atherosclerosis 414.0	501	287	179	35
Other ischemic heart disease 411-413,414.1-414.9	265	116	112	37
Cardiac dysrhythmias 427	400	153	175	72
Congestive heart failure 428.0	698	230	289	179
Malignant neoplasms 140-208, 230-234	774	416	281	77
Malignant neoplasm of large intestine and rectum 153-154, 197.5	105	45	45	16
Malignant neoplasm of trachea, bronchus, and lung 162,176.4,197.0,197.3	109	73	32	*
Cerebrovascular disease 430-438	704	250	297	156
Pneumonia 480-486	687	212	281	194
Fractures 800-829	489	109	208	172
Fracture of neck of femur 820	274	44	122	108
Arthropathies and related disorders 710-719	322	165	133	24
Psychosis 290-299	256	108	101	47
Chronic bronchitis 490-491	244	124	93	26
Urinary tract infection, not specified 599.0	223	50	99	74
Volume depletion 276.5	210	61	82	67
Septicemia 038	210	65	87	57
Diabetes mellitus 250	188	93	73	22
		Discharge rate per 10,000 population		
All conditions ¹	3,446.3	2,575.8	4,118.6	5,881.9
Heart disease 391-392.0,393-398,402,404,410-416,420-429	780.7	594.5	948.0	1,229.1
Acute myocardial infarction 410	140.5	112.2	168.7	200.0
Coronary atherosclerosis 414.0	149.4	153.2	160.7	95.3
Other ischemic heart disease 411-413,414.1-414.9	79.1	62.0	100.7	101.6
Cardiac dysrhythmias 427	119.2	81.6	157.1	197.4
Congestive heart failure 428.0	208.0	122.4	258.9	494.5
Malignant neoplasms 140-208, 230-234	230.7	221.7	252.2	211.3
Malignant neoplasm of large intestine and rectum 153-154, 197.5	31.4	24.0	39.9	43.3
Malignant neoplasm of trachea, bronchus, and lung 162,176.4,197.0,197.3	32.5	38.8	28.5	*
Cerebrovascular disease 430-438	209.8	133.3	266.7	431.0
Pneumonia 480-486	205.0	113.3	251.8	535.3
Fractures 800-829	145.8	58.1	186.2	474.9
Fracture of neck of femur 820	81.8	23.7	109.5	296.6
Arthropathies and related disorders 710-719	96.1	88.1	119.6	65.4
Psychosis 290-299	76.4	57.8	90.2	130.6
Chronic bronchitis 490-491	72.6	66.1	83.8	72.3
Urinary tract infection, not specified 599.0	66.4	26.6	88.7	203.6
Volume depletion 276.5	62.5	32.6	73.5	183.5
Septicemia 038	62.6	34.8	78.5	157.6
Diabetes mellitus 250	56.1	49.7	65.3	61.2

Table C. Number and rate of discharges from short-stay hospitals, and average length of stay, for patients 65 years of age and over, by age and selected first-listed diagnostic categories: United States, 1995—Con.[Discharges of inpatients from non-Federal hospitals. Diagnostic groupings and code numbers are based on the *International Classification of Diseases, 9th Revision, Clinical Modification (ICD-9-CM)*]

Diagnostic category and ICD-9-CM code	65 years and over	65-74 years	75-84 years	85 years and over
	Average length of stay in days			
All conditions ¹	6.8	6.5	7.0	7.3
Heart disease 391-392.0,393-398,402,404,410-416,420-429	5.9	5.7	6.0	6.3
Acute myocardial infarction 410	7.3	6.9	7.5	7.8
Coronary atherosclerosis 414.0	5.3	5.2	5.4	5.2
Other ischemic heart disease 411-413,414.1-414.9	4.2	4.2	4.2	4.5
Cardiac dysrhythmias 427	4.6	4.2	4.7	5.0
Congestive heart failure 428.0	6.5	6.2	6.6	6.7
Malignant neoplasms 140-208, 230-234	8.0	7.6	8.2	8.9
Malignant neoplasm of large intestine and rectum 153-154, 197.5	11.1	9.7	11.1	15.5
Malignant neoplasm of trachea, bronchus, and lung 162,176.4,197.0,197.3	8.4	8.1	8.6	*
Cerebrovascular disease 430-438	6.8	6.7	6.7	6.9
Pneumonia 480-486	7.8	7.3	8.0	8.2
Fractures 800-829	7.5	6.6	7.5	8.1
Fracture of neck of femur 820	8.4	7.7	8.2	8.9
Arthropathies and related disorders 710-719	6.4	5.6	7.3	6.7
Psychosis 290-299	11.9	13.3	11.2	10.5
Chronic bronchitis 490-491	6.3	6.4	6.4	5.6
Urinary tract infection, not specified 599.0	6.5	6.4	6.5	6.6
Volume depletion 276.5	6.4	6.1	5.6	7.6
Septicemia 038	8.8	8.7	9.2	8.4
Diabetes mellitus 250	7.4	8.2	6.7	6.5

*Figure does not meet standard of reliability or precision.

¹Includes diagnostic data for conditions not shown in table.

HIV Diagnoses

The estimated number of discharges with a diagnosis of human immunodeficiency virus (HIV) was 249,000 in 1995 compared with 146,000 in 1990 (table J). The discharge rate was 95 per 100,000 population in 1995. These data include discharges with HIV and acquired immunodeficiency syndrome.

The number and rate of discharges with an HIV diagnosis for 1990-95 are shown by sex, age, race, and region in table J. In 1995, 74 percent of all HIV discharges were male, 73 percent were 25-44 years old, 39 percent were white, 42 percent were black, and 38 percent were from hospitals in the Northeast.

In 1995 the discharge rate was 144 per 100,000 population for males with HIV and 49 per 100,000 population for females with HIV. Black patients with an HIV diagnosis had a discharge rate of 322 per 100,000 population compared with a rate of 45 for white HIV patients. These rates may be underestimated; however, because race was not reported for 14 percent of HIV patients in 1995 (17). The rate per 100,000 population of

discharges with an HIV diagnosis was 185 in the Northeast compared with 95 in the South, 71 in the West, and 44 in the Midwest.

Hospital Deaths

In 1995 approximately 96 percent of discharges left short-stay hospitals alive, 2.6 percent were discharged dead, and 1.4 percent did not have a reported discharge status. The estimated 807,000 patients discharged dead represented approximately 35 percent of all deaths in the resident population during 1995 (18).

As shown in table K, about the same number of hospital deaths (400,000) occurred to both sexes. Patients 65 years of age and over accounted for 595,000 hospital deaths (74 percent). The fatality rate was 3.3 per 100 discharges for males compared with 2.2 per 100 discharges for females. Patients under 65 years of age had a fatality rate of 1.1 per 100 discharges. For those 65 years of age and over, the rate was 5.2 per 100 discharges.

Table L shows estimated numbers of hospital deaths and fatality rates for

selected conditions. Heart disease and malignant neoplasms were the first-listed diagnoses for 286,000 (35 percent) of all hospital deaths. A fatality rate of 14.9 per 100 discharges was found for septicemia and for malignant neoplasm of trachea, bronchus, and lung. Acute myocardial infarction accounted for a fatality rate of 9.9 per 100 discharges.

The fatality rates shown in tables K and L were computed by dividing the number of deaths for a category by the total number of discharges for that category and multiplying by 100. These rates are conservative because all the discharges whose status was not stated were assumed to be discharged alive. The hospital fatality rate differs from the mortality rate, which reflects complete reporting of deaths in the population regardless of where the death occurred. In addition to being a 100-percent enumeration of deaths, mortality data are for the underlying cause of death, which may not be identical to the first-listed diagnosis. Mortality rates are regularly published by NCHS in the *Monthly Vital Statistics Report* and in the *Vital Statistics of the United States*.

Table D. Number of discharges from short-stay hospitals with and without procedures and percent with procedures, by selected characteristics: United States, 1995

[Discharges of inpatients from non-Federal hospitals. Excludes newborn infants]

Characteristic	All discharges	Discharges without procedures	Discharges with procedures			
			Total	With surgical procedures	Total	With surgical procedures
			Number in thousands		Percent	
All patients	30,722	11,472	19,250	13,923	62.7	45.3
Age						
Under 15 years	2,405	1,333	1,072	537	44.6	22.3
15–44 years	10,593	3,033	7,560	5,948	71.4	56.2
45–64 years	6,168	2,113	4,054	2,932	65.7	47.5
65 years and over	11,556	4,993	6,563	4,505	56.8	39.0
65–74 years	4,832	1,766	3,066	2,218	63.5	45.9
75–84 years	4,590	2,050	2,540	1,705	55.3	37.1
85 years and over	2,134	1,178	956	583	44.8	27.3
Sex						
Male	12,198	4,884	7,314	4,981	60.0	40.8
Female	18,525	6,589	11,936	8,943	64.4	48.3
Race						
White	19,951	7,417	12,534	9,198	62.8	46.1
Black	3,887	1,565	2,322	1,486	59.7	38.2
All other	1,098	288	810	594	73.8	54.1
Not stated	5,787	2,203	3,584	2,645	61.9	45.7
Region						
Northeast	7,051	2,248	4,804	3,191	68.1	45.3
Midwest	6,994	3,026	3,968	2,997	56.7	42.8
South	11,373	4,705	6,668	4,990	58.6	43.9
West	5,303	1,493	3,810	2,745	71.8	51.8

NOTE: See [appendix](#) for definition of surgical procedures.

Average lengths of stay are shown by discharge status in [table M](#). The average length of stay for discharges of live patients was 5.3 days compared with 9.2 days for those who died in the hospital.

Newborn Infants

Newborn infants are defined as patients admitted to the hospital by birth. In 1995 the number of newborn infants was estimated at 3,631,000. The number of live births in 1995 from the vital statistics system was 3,899,589 (19). Data from the vital statistics system represent a complete count and include births outside of the hospital. Births from NHDS are an estimate and do not include out-of-hospital births.

As shown in [table N](#), males made up 52 percent and females, 48 percent, of newborn infants. The South region had 36 percent of newborn infants compared with 23 percent in the West,

22 percent in the Midwest, and 19 percent in the Northeast.

The average length of stay was 2.8 days for all newborn infants and ranged from 3.0 days in the South region to 2.6 days in the Midwest and West regions. Seventy-six percent of all newborn infants were hospitalized for less than 3 days and 44 percent stayed 1 day or less ([table O](#)). In 1980 only 31 percent of newborn infants were in the hospital for fewer than 3 days, and 9 percent stayed 1 day or less.

Sick newborn infants are defined as those that have at least one of the ICD–9–CM diagnostic codes 001–999. This is a change from earlier reports from NCHS using data from the NHDS in which newborn infants with codes V01–V29 and V40–V82 were also classified as sick. These codes include categories such as “need for inoculation against viral hepatitis” (V05.3) that do not indicate disease or injury.

An examination of data from previous years shows that using the new definition for sick newborn has a negligible effect before 1994, but a small effect in 1994. When the new definition was used with 1994 data, 41 percent rather than 48 percent of male and 37 percent rather than 45 percent of female newborn infants were considered sick. The average length of stay using the new definition was 4.6 days compared with 4.2 days for sick and remained at 1.8 days for well newborn infants.

When the new definition was used with 1995 data, an estimated 42 percent of male newborn infants and 39 percent of female newborn infants were classified as sick ([table P](#)). The average length of stay for sick newborn infants in 1995 was 4.4 days compared with an average stay of 1.7 days for well newborn infants.

Frequent diagnoses for sick newborn infants are shown in [table Q](#).

Table E. Number and rate of all-listed surgical procedures for discharges from short-stay hospitals, by selected surgical procedure categories: United States, 1995

[Discharges of inpatients from non-Federal hospitals. Excludes newborn infants. 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	Number in thousands	Rate per 100,000 population
Surgical procedures ¹	22,530	8,618.6
Episiotomy with or without forceps or vacuum extraction	1,410	539.5
Cardiac catheterization	1,068	408.7
Repair of current obstetric laceration	964	368.9
Cesarean section	785	300.2
Artificial rupture of membranes	752	287.8
Hysterectomy	583	222.9
Coronary artery bypass graft	573	219.2
Cholecystectomy	470	179.8
Oophorectomy and salpingo-oophorectomy	447	171.0
Endoscopy of small intestine with biopsy	443	169.3
Removal of coronary artery obstruction	434	166.1
Open reduction of fracture, with internal fixation	414	158.5
Debridement of wound, infection, or burn	350	133.8
Bilateral destruction or occlusion of fallopian tubes	327	124.9
Lysis of peritoneal adhesions	326	124.7
Insertion, replacement, removal, and revision of pacemaker leads or device	314	120.0
Excision or destruction of intervertebral disc	273	104.5
Appendectomy, excluding incidental	237	90.7
Prostatectomy	239	91.5

¹Includes data for surgical conditions not shown in table. All procedures except those listed under "nonsurgical procedures" in the appendix are surgical procedures.

Table F. Number and rate of all-listed nonsurgical procedures for discharges from short-stay hospitals, by selected nonsurgical procedure categories: United States, 1995

[Discharges of inpatients from non-Federal hospitals. Excludes newborn infants. 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	Number in thousands	Rate per 100,000 population
Nonsurgical procedures ¹	17,278	6,609.4
Arteriography and angiocardiology using contrast material	1,834	701.5
Diagnostic ultrasound	1,181	451.9
Respiratory therapy	1,127	431.1
Computerized axial tomography	967	369.9
Fetal EKG and fetal monitoring	935	357.5
Manual assisted delivery	869	332.3
Endoscopy of small intestine without biopsy	450	172.1
Circulatory monitoring	375	143.5
Medical induction of labor	374	143.2
Hemodialysis	339	129.6
Endoscopy of large intestine without biopsy	335	128.2
Spinal tap	332	127.2
Injection or infusion of cancer chemotherapeutic substance	330	126.3
Radioisotope scan	306	117.0
Cystoscopy without biopsy	213	81.6

¹Includes data for nonsurgical procedures not shown in table. The ICD-9-CM codes for nonsurgical procedures are listed in the appendix.

Hemolytic disease of fetus or newborn, due to isoimmunization and other perinatal jaundice, accounted for

16 percent of sick newborn diagnoses (table Q). Respiratory distress syndrome and other respiratory conditions of fetus

and newborn made up 12 percent of sick newborn diagnoses, congenital anomalies made up 9 percent, disorders relating to short gestation and unspecified low birthweight (prematurity) made up 9 percent, and disorders relating to long gestation and high birthweight made up 8 percent.

Average Length of Stay for Deliveries

In NHDS females with deliveries are defined under the "Supplementary classifications" section of ICD-9-CM by assigning code V27. The average length of stay for hospitalized females with deliveries was 2.1 days in 1995 compared to 3.8 days in 1980 (table R). In 1995 mothers who underwent a cesarean section had an average stay of 3.6 days compared with 1.7 days for mothers who had a vaginal delivery. Seventy-five percent of all females with deliveries were discharged in less than 3 days.

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Table G. Number and rate of all-listed surgical procedures for discharges 65 years of age and over discharged from short-stay hospitals, by age and selected surgical procedure categories: United States, 1995

[Discharges of inpatients from non-Federal hospitals. 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	65 years and over	65-74 years	75-84 years	85 years and over
Number in thousands				
Surgical procedures ¹	7,410	3,732	2,802	875
Cardiac catheterization 37.21-37.23	530	323	188	19
Coronary artery bypass graft 36.1	320	215	99	*6
Insertion, replacement, removal, and repair of pacemaker leads or device 37.7-37.8	256	79	118	59
Esophagogastroduodenoscopy with closed biopsy 45.16	256	104	114	37
Removal of coronary artery obstruction 36.0	209	125	74	9
Prostatectomy 60.2-60.6	184	102	64	18
Open reduction of fracture, with internal fixation 79.3	178	47	76	55
Cholecystectomy 51.2	165	84	61	20
Total knee replacement 81.54	157	90	61	*6
Debridement of wound, infection, or burn 86.22,86.28	133	61	48	24
Rate per 100,000 population				
Surgical procedures ¹	22,097.3	19,896.4	25,143.0	24,120.7
Cardiac catheterization 37.21-37.23	1,580.5	1,720.4	1,691.3	517.2
Coronary artery bypass graft 36.1	953.6	1,143.6	887.2	*174.7
Insertion, replacement, removal, and repair of pacemaker leads or device 37.7-37.8	762.4	421.9	1,054.9	1,624.0
Esophagogastroduodenoscopy with closed biopsy 45.16	762.3	556.6	1,022.2	1,027.7
Removal of coronary artery obstruction 36.0	621.9	668.8	664.3	249.5
Prostatectomy 60.2-60.6	547.3	545.0	570.3	488.9
Open reduction of fracture, with internal fixation 79.3	530.9	252.2	677.7	1,521.4
Cholecystectomy 51.2	491.5	446.5	549.9	544.9
Total knee replacement 81.54	468.5	481.1	547.9	*159.8
Debridement of wound, infection, or burn 86.22,86.28	397.0	327.6	430.7	652.0

*Figure does not meet standard of reliability or precision.

¹Includes data for surgical procedures not shown in table. All procedures except those listed under "nonsurgical procedures" in the appendix are surgical procedures.

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Table H. Number and rate of all-listed nonsurgical procedures for discharges 65 years of age and over discharged from short-stay hospitals, by age and selected nonsurgical procedure categories: United States, 1995[Discharges of inpatients from non-Federal hospitals. 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	65 years and over	65-74 years	75-84 years	85 years and over
	Number in thousands			
Nonsurgical procedures ¹	6,808	3,103	2,696	1,010
Arteriography and angiocardiography using contrast material 88.4-88.5	909	555	322	33
Diagnostic ultrasound 88.7	603	253	249	101
Respiratory therapy 93.9,96.7	518	230	202	87
Computerized axial tomography 87.03,87.41,87.71,88.01,88.38	472	185	188	99
Endoscopy of small intestine without biopsy 45.11-45.13	252	94	108	50
Endoscopy of large intestine without biopsy 45.21-45.24	227	81	103	43
Circulatory monitoring 89.6	206	96	84	26
Radioisotope scan 92.0-92.1	170	76	72	22
Hemodialysis 39.95	157	100	50	*7
Cystoscopy without biopsy 57.31-57.32	125	53	54	19
	Rate per 100,000 population			
Nonsurgical procedures ¹	20,304.0	16,538.9	24,189.9	27,834.6
Arteriography and angiocardiography using contrast material 88.4-88.5	2,712.0	2,957.7	2,888.1	900.0
Diagnostic ultrasound 88.7	1,797.0	1,346.4	2,235.7	2,779.9
Respiratory therapy 93.9,96.7	1,545.4	1,225.5	1,809.7	2,387.2
Computerized axial tomography 87.03,87.41,87.71,88.01,88.38	1,408.8	986.1	1,691.3	2,726.5
Endoscopy of small intestine without biopsy 45.11-45.13	752.6	500.1	973.5	1,379.8
Endoscopy of large intestine without biopsy 45.21-45.24	678.0	433.4	925.6	1,181.6
Circulatory monitoring 89.6	614.6	512.4	756.6	706.7
Radioisotope scan 92.0-92.1	506.1	404.3	641.9	614.8
Hemodialysis 39.95	467.9	532.3	449.0	*192.7
Cystoscopy without biopsy 57.31-57.32	373.8	282.2	481.0	518.2

*Figure does not meet standard of reliability or precision.

¹Includes data for nonsurgical procedures not shown in table. The ICD-9-CM codes for nonsurgical procedures are listed in the appendix.

Table J. Number and rate of discharges from short-stay hospitals with human immunodeficiency virus diagnoses, by selected characteristics: United States, 1990–95[Discharges of inpatients from non-Federal hospitals. Excludes newborn infants. Data are for discharges with at least one of the following *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD–9–CM) codes: 042–044, 279.19, 795.8, (before 1995); 042.V08 (beginning in 1995)]

Characteristic	1990	1991	1992	1993	1994	1995	1990	1991	1992	1993	1994	1995
	Number in thousands						Rate per 100,000 population					
All HIV discharges ¹	146	165	194	225	234	249	59.1	65.7	76.4	87.7	90.2	95.4
Sex												
Male	114	127	153	174	177	183	95.3	104.6	124.1	139.5	140.4	144.3
Female	32	37	41	51	57	66	25.0	29.1	31.4	38.8	42.9	49.1
Age												
Under 25 years	14	16	16	14	18	17	15.3	17.1	18.0	15.5	19.8	18.2
25–29 years	20	25	26	37	20	26	98.1	122.3	133.3	191.7	107.5	136.8
30–34 years	38	38	42	46	50	48	175.9	173.7	189.6	208.3	227.2	220.3
35–39 years	36	36	53	51	56	59	181.6	178.7	253.1	238.1	257.3	266.1
40–44 years	17	25	30	40	44	49	95.9	132.4	158.0	209.4	225.2	243.8
45 years and over	21	25	27	37	45	51	27.2	32.0	33.0	44.6	53.6	59.8
Race ²												
White	75	71	80	93	85	98	36.2	33.9	37.9	43.6	39.6	45.2
Black	49	62	74	93	103	106	160.4	199.8	236.6	293.0	316.6	321.8
All other	*	*7	10	*7	11	10	*	*66.0	94.7	66.1	101.6	90.2
Not stated	19	25	29	31	35	35	...	...	...	...	...	...
Region												
Northeast	66	61	75	94	91	95	129.9	120.7	147.8	184.2	177.9	184.9
Midwest	20	26	23	28	33	27	33.8	43.7	37.4	45.1	53.1	43.8
South	37	44	56	64	78	87	43.1	50.6	63.6	72.0	86.9	95.0
West	24	33	40	39	32	41	45.3	62.3	73.3	70.5	56.1	71.2

*Figure does not meet standard of reliability and precision.

... Category not applicable.

¹HIV is defined as human immunodeficiency virus.²Numbers and rates for specific race groups are underestimated because race was not reported for all HIV discharges.**Table K. Number of deaths and fatality rate for discharges from short-stay hospitals, by sex and age: United States, 1995**

[Discharges of inpatients from non-Federal hospitals. Excludes newborn infants]

Age	Both sexes	Male	Female	Both sexes	Male	Female
	Number in thousands			Rate per 100 discharges		
All ages	807	407	400	2.6	3.3	2.2
Under 65 years	212	124	87	1.1	1.7	0.7
Under 15 years	16	9	*7	0.7	0.7	*0.6
15–44 years	55	33	22	0.5	1.1	0.3
45–64 years	141	82	59	2.3	2.7	1.9
65 years and over	595	283	312	5.2	5.9	4.6
65–74 years	184	104	79	3.8	4.5	3.1
75–84 years	247	118	129	5.4	6.3	4.8
85 years and over	165	61	104	7.7	9.4	7.0

*Figure does not meet standard of reliability or precision.

Table L. Number of deaths and fatality rate for discharges from short-stay hospitals, by age and selected first-listed diagnoses: United States, 1995[Discharges of inpatients from non-Federal hospitals. Excludes newborn infants. Diagnostic groupings and code numbers are based on the *International Classification of Diseases, 9th Revision, Clinical Modification (ICD-9-CM)*]

First-listed diagnosis and ICD-9-CM code	All ages	Under 65 years	65 years and over	Rate per 100 discharges		
				All ages	Under 65 years	65 years and over
	Number in thousands			Rate per 100 discharges		
All deaths ¹	807	212	595	2.6	1.1	5.2
Heart disease 391-392.0,393-398,402,404,410-416,420-42	167	28	139	4.1	1.9	5.3
Acute myocardial infarction 410	76	10	66	9.9	3.5	14.0
Congestive heart failure 428.0	41	*6	35	4.7	*3.2	5.0
Cardiac dysrhythmias 427	17	*	13	2.9	*	3.3
Chronic ischemic heart disease 411-414	13	*	11	1.0	*	1.4
Malignant neoplasms 140-208,230-234	119	40	79	8.4	6.3	10.2
Malignant neoplasms of trachea, bronchus, and lung 162,176.4,197.0,197.3	30	11	19	14.9	11.9	17.4
Pneumonia 480-486	71	9	62	5.7	1.6	9.0
Cerebrovascular disease 430-438	67	13	54	7.2	5.7	7.7
Injury and poisoning 800-999	53	24	29	2.1	1.5	3.1
Septicemia 038	46	10	36	14.9	9.7	17.3

*Figure does not meet standard of reliability or precision.

¹Includes data for deaths not shown in table.**Table M. Average length of stay for discharges from short-stay hospitals, by discharge status, sex, and age: United States, 1995**

[Discharges of inpatients from non-Federal hospitals. Excludes newborn infants]

Age	Discharge status					
	Alive			Dead		
	Both sexes	Male	Female	Both sexes	Male	Female
	Average length of stay in days					
All ages	5.3	5.7	4.9	9.2	8.9	9.4
Under 65 years	4.4	5.3	3.9	9.5	9.0	10.1
Under 15 years	4.4	4.5	4.3	10.2	10.4	*9.9
15-44 years	3.8	5.3	3.3	9.2	8.5	10.1
45-64 years	5.5	5.5	5.4	9.5	9.1	10.1
65 years and over	6.7	6.5	6.9	9.0	8.9	9.2
65-74 years	6.3	6.3	6.4	10.2	9.6	10.9
75-84 years	6.8	6.6	7.0	9.2	9.0	9.3
85 years and over	7.3	7.1	7.4	7.6	7.4	7.6

*Figure does not meet standard of reliability or precision.

Table N. Number, percent distribution, and average length of stay for newborn infants discharged from short-stay hospitals, by sex and geographic region: United States, 1995

[Discharges of inpatients from non-Federal hospitals]

Sex and region	Discharges		Average length of stay in days
	Number in thousands	Percent distribution	
All newborn infants	3,631	100.0	2.8
Sex			
Male	1,872	51.6	2.9
Female	1,758	48.4	2.7
Region			
Northeast	699	19.3	2.9
Midwest	786	21.6	2.6
South	1,321	36.4	3.0
West	824	22.7	2.6

Table O. Number and percent distribution of newborn infants discharged from short-stay hospitals by length of stay, and average length of stay by health status: United States, selected years 1980–95

[Discharges of inpatients from non-Federal hospitals]

Length of stay and health status	1980	1985	1990	1995
Length of stay				
	Number in thousands			
All newborn infants	3,824	3,794	3,869	3,631
Less than 1 day	69	84	79	87
1 day	270	428	693	1,523
2 days	842	1,057	1,624	1,145
3 days	1,175	1,034	636	486
4 days	618	528	447	134
5–7 days	633	497	232	106
8 days or more	218	167	157	149
Percent distribution				
All newborn infants	100.0	100.0	100.0	100.0
Less than 1 day	1.8	2.2	2.0	2.4
1 day	7.1	11.3	17.9	41.9
2 days	22.0	27.9	42.0	31.5
3 days	30.7	27.3	16.4	13.4
4 days	16.2	13.9	11.6	3.7
5–7 days	16.5	13.1	6.0	2.9
8 days or more	5.7	4.4	4.1	4.1
Health status				
	Average length of stay in days			
All newborn infants	4.3	3.8	3.3	2.8
Well ¹	3.2	2.8	2.3	1.7
Sick ²	7.1	5.7	4.8	4.4

¹Without any illness or risk-related diagnosis.²With at least one illness or risk-related diagnosis.

NOTE: Beginning in 1995, a sick newborn must have at least one of the ICD–9–CM codes 001–999.

Table P. Number and average length of stay of newborn infants discharged from short-stay hospitals, by sex and health status: United States, 1995

[Discharges of inpatients from non-Federal hospitals]

Health status	Both sexes	Male	Female
Number in thousands			
Total	3,631	1,872	1,758
Well ¹	2,169	1,095	1,074
Sick ²	1,462	777	685
Average length of stay in days			
Total	2.8	2.9	2.7
Well ¹	1.7	1.7	1.7
Sick ²	4.4	4.6	4.3

¹Without any illness or risk-related diagnosis.²With at least one illness or risk-related diagnosis.

NOTE: Beginning in 1995, a sick newborn must have at least one of the ICD–9–CM codes 001–999.

Table Q. Number of all-listed diagnoses for sick newborn infants discharged from short-stay hospitals, by sex and selected diagnostic categories: United States, 1995[Discharges of inpatients from non-Federal hospitals. Diagnostic groupings and code numbers are based on the *International Classification of Diseases, 9th Revision, Clinical Modification (ICD-9-CM)*]

Diagnostic category and ICD-9-CM code	Both sexes	Male	Female
	Number in thousands		
Sick newborn infant diagnoses ^{1,2}	2,605	1,451	1,154
Hemolytic disease of fetus or newborn, due to isoimmunization and other perinatal jaundice 773-774	418	226	192
Respiratory distress syndrome and other respiratory conditions of fetus and newborn 769-770	323	199	124
Congenital anomalies 740-759	236	128	107
Disorders relating to short gestation and unspecified low birthweight (prematurity) 765	234	120	114
Disorders relating to long gestation and high birthweight 766	201	128	73

¹Includes data for diagnoses not shown in the table.²With at least one illness or risk-related diagnosis.

NOTES: Beginning in 1995, a sick newborn must have at least one of the ICD-9-CM codes 001-999. ICD-9-CM codes V01-V82 are excluded from this table.

Table R. Number and percent distribution of females with deliveries discharged from short-stay hospitals by length of stay for all deliveries and deliveries with and without cesarean section: United States, selected years 1980-95

[Discharges of inpatients from non-Federal hospitals]

Length of stay and type of delivery	1980	1985	1990	1995	1980	1985	1990	1995
	Number in thousands				Percent distribution			
	Females with deliveries				Females with deliveries			
Total	3,762	3,854	4,025	3,766	100.00	100.00	100.00	100.00
Less than 1 day	23	34	37	36	0.61	0.88	0.92	0.96
1 day	216	373	623	1,368	5.74	9.68	15.48	36.33
2 days	747	1,037	1,649	1,418	19.86	26.91	40.97	37.65
3 days	1,205	1,140	900	606	32.03	29.58	22.36	16.09
4 days	691	586	468	193	18.37	15.20	11.63	5.12
5-7 days	726	598	282	100	19.30	15.52	7.01	2.66
8 days or more	154	86	67	46	4.09	2.23	1.66	1.22
	Deliveries by cesarean section				Deliveries by cesarean section			
Total	619	877	945	785	100.00	100.00	100.00	100.00
Less than 1 day	*	*	*	*	*	*	*	*
1 day	*	*	*	*6	*	*	*	*0.76
2 days	*	*7	25	147	*	*0.80	2.65	18.73
3 days	20	86	283	379	3.23	9.81	29.95	48.28
4 days	73	249	361	154	11.79	28.39	38.20	19.62
5-7 days	409	473	227	73	66.07	53.93	24.02	9.30
8 days or more	112	60	44	25	18.09	6.84	4.66	3.18
	Vaginal deliveries				Vaginal deliveries			
Total	3,143	2,977	3,080	2,981	100.00	100.00	100.00	100.00
Less than 1 day	23	33	35	34	0.73	1.11	1.14	1.14
1 day	215	371	620	1,362	6.84	12.46	20.13	45.69
2 days	743	1,030	1,624	1,271	23.64	34.60	52.73	42.64
3 days	1,185	1,054	618	228	37.70	35.40	20.06	7.65
4 days	618	338	106	39	19.66	11.35	3.44	1.31
5-7 days	317	125	55	27	10.09	4.20	1.79	0.91
8 days or more	42	26	23	21	1.34	0.87	0.75	0.70
	Average length of stay in days							
Total	3.8	3.3	2.8	2.1	...	...	...	...
Cesarean section	6.5	5.2	4.5	3.6	...	...	...	...
Vaginal delivery	3.2	2.7	2.3	1.7	...	...	...	...

*Figure does not meet standard of reliability or precision.

... Category not applicable.

Table 1. Number, percent distribution, and rate of discharges from short-stay hospitals and of days of care, with average lengths of stay, by sex and age: United States, 1995

[Discharges of inpatients from non-Federal hospitals. Excludes newborn infants]

Sex and age	Discharges			Days of care			Average length of stay in days
	Number in thousands	Percent distribution	Rate per 1,000 population	Number in thousands	Percent distribution	Rate per 1,000 population	
Both sexes							
All ages	30,722	100.0	117.5	164,627	100.0	629.8	5.4
Under 15 years	2,405	7.8	41.7	10,715	6.5	185.6	4.5
Under 1 year	790	2.6	205.3	4,328	2.6	1,124.8	5.5
1-4 years	744	2.4	47.2	2,482	1.5	157.7	3.3
5-14 years	872	2.8	22.9	3,904	2.4	102.4	4.5
15-44 years	10,593	34.5	89.8	40,825	24.8	346.0	3.9
15-19 years	1,217	4.0	67.7	4,375	2.7	243.4	3.6
20-24 years	1,726	5.6	98.9	5,543	3.4	317.5	3.2
25-34 years	4,201	13.7	104.1	14,635	8.9	362.7	3.5
35-44 years	3,449	11.2	81.7	16,272	9.9	385.6	4.7
45-64 years	6,168	20.1	118.2	34,207	20.8	655.6	5.5
45-54 years	3,061	10.0	98.6	16,048	9.7	517.0	5.2
55-64 years	3,106	10.1	147.0	18,159	11.0	859.4	5.8
65 years and over	11,556	37.6	344.6	78,880	47.9	2,352.4	6.8
65-74 years	4,832	15.7	257.6	31,310	19.0	1,669.0	6.5
75-84 years	4,590	14.9	411.9	31,974	19.4	2,868.9	7.0
85 years and over	2,134	6.9	588.2	15,597	9.5	4,299.1	7.3
Under 17 years	2,758	9.0	42.3	12,188	7.4	187.1	4.4
17-69 years	18,674	60.8	108.2	87,830	53.4	508.7	4.7
70 years and over	9,291	30.2	393.6	64,609	39.2	2,737.2	7.0
Male							
All ages	12,198	100.0	95.9	71,340	100.0	561.1	5.8
Under 15 years	1,377	11.3	46.6	6,289	8.8	212.8	4.6
Under 1 year	462	3.8	234.4	2,554	3.6	1,296.2	5.5
1-4 years	436	3.6	54.1	1,438	2.0	178.5	3.3
5-14 years	480	3.9	24.6	2,298	3.2	117.7	4.8
15-44 years	2,949	24.2	50.2	15,821	22.2	269.5	5.4
15-19 years	321	2.6	35.0	1,694	2.4	184.3	5.3
20-24 years	315	2.6	36.1	1,731	2.4	198.5	5.5
25-34 years	954	7.8	47.8	4,992	7.0	249.9	5.2
35-44 years	1,359	11.1	65.3	7,405	10.4	355.7	5.5
45-64 years	3,053	25.0	121.2	17,185	24.1	682.2	5.6
45-54 years	1,470	12.1	97.0	7,794	10.9	514.5	5.3
55-64 years	1,583	13.0	157.6	9,391	13.2	935.1	5.9
65 years and over	4,818	39.5	352.0	32,044	44.9	2,340.9	6.7
65-74 years	2,290	18.8	274.5	14,674	20.6	1,759.0	6.4
75-84 years	1,880	15.4	434.2	12,780	17.9	2,951.5	6.8
85 years and over	648	5.3	637.0	4,590	6.4	4,513.6	7.1
Under 17 years	1,499	12.3	44.9	6,910	9.7	207.1	4.6
17-69 years	6,979	57.2	82.5	39,257	55.0	464.1	5.6
70 years and over	3,719	30.5	405.0	25,173	35.3	2,741.3	6.8

Table 1. Number, percent distribution, and rate of discharges from short-stay hospitals and of days of care, with average lengths of stay, by sex and age: United States, 1995—Con.

[Discharges of inpatients from non-Federal hospitals. Excludes newborn infants]

Sex and age	Discharges			Days of care			Average length of stay in days
	Number in thousands	Percent distribution	Rate per 1,000 population	Number in thousands	Percent distribution	Rate per 1,000 population	
Female							
All ages	18,525	100.0	138.0	93,287	100.0	694.8	5.0
Under 15 years	1,028	5.6	36.5	4,425	4.7	157.1	4.3
Under 1 year	328	1.8	174.8	1,775	1.9	944.9	5.4
1–4 years	308	1.7	40.0	1,045	1.1	135.9	3.4
5–14 years	392	2.1	21.1	1,606	1.7	86.3	4.1
15–44 years	7,644	41.3	129.0	25,004	26.8	421.8	3.3
15–19 years	896	4.8	102.0	2,682	2.9	305.2	3.0
20–24 years	1,411	7.6	161.5	3,812	4.1	436.3	2.7
25–34 years	3,247	17.5	159.3	9,643	10.3	473.2	3.0
35–44 years	2,090	11.3	97.8	8,867	9.5	414.8	4.2
45–64 years	3,115	16.8	115.4	17,022	18.2	630.9	5.5
45–54 years	1,591	8.6	100.1	8,254	8.8	519.3	5.2
55–64 years	1,523	8.2	137.4	8,768	9.4	790.8	5.8
65 years and over	6,738	36.4	339.5	46,836	50.2	2,360.2	7.0
65–74 years	2,542	13.7	244.0	16,636	17.8	1,597.0	6.5
75–84 years	2,710	14.6	397.6	19,194	20.6	2,816.4	7.1
85 years and over	1,486	8.0	569.2	11,007	11.8	4,215.5	7.4
Under 17 years	1,258	6.8	39.6	5,278	5.7	166.1	4.2
17–69 years	11,695	63.1	132.8	48,573	52.1	551.5	4.2
70 years and over	5,572	30.1	386.4	39,436	42.3	2,734.6	7.1

Table 2. Number, percent distribution, and rate of discharges from short-stay hospitals and of days of care, with average lengths of stay, by sex, race, and age: United States, 1995

[Discharges of inpatients from non-Federal hospitals. Excludes newborn infants]

Sex, race, and age	Discharges			Days of care			
	Number in thousands	Percent distribution	Rate per 1,000 population	Number in thousands	Percent distribution	Rate per 1,000 population	Average length of stay in days
Both sexes							
All races, all ages	30,722	100.0	117.5	164,627	100.0	629.8	5.4
Under 15 years	2,405	7.8	41.7	10,715	6.5	185.6	4.5
15-44 years	10,593	34.5	89.8	40,825	24.8	346.0	3.9
45-64 years	6,168	20.1	118.2	34,207	20.8	655.6	5.5
65 years and over	11,556	37.6	344.6	78,880	47.9	2,352.4	6.8
White, all ages	19,951	64.9	91.9	107,650	65.4	496.0	5.4
Under 15 years	1,313	4.3	28.7	5,720	3.5	125.1	4.4
15-44 years	6,136	20.0	63.6	23,014	14.0	238.6	3.8
45-64 years	4,100	13.3	91.5	22,122	13.4	493.6	5.4
65 years and over	8,402	27.3	279.5	56,795	34.5	1,889.7	6.8
Black, all ages	3,887	12.7	118.2	22,598	13.7	687.2	5.8
Under 15 years	469	1.5	52.1	2,092	1.3	232.4	4.5
15-44 years	1,716	5.6	108.6	8,077	4.9	511.1	4.7
45-64 years	800	2.6	149.2	5,228	3.2	975.7	6.5
65 years and over	903	2.9	332.1	7,201	4.4	2,648.6	8.0
All other, all ages	1,098	3.6	95.6	5,730	3.5	499.0	5.2
Under 15 years	111	0.4	37.0	509	0.3	169.8	4.6
15-44 years	515	1.7	89.8	1,759	1.1	306.9	3.4
45-64 years	196	0.6	97.9	1,203	0.7	602.1	6.1
65 years and over	276	0.9	364.8	2,260	1.4	2,981.0	8.2
Race not stated, all ages	5,787	18.8	...	28,648	17.4	...	5.0
Under 15 years	513	1.7	...	2,394	1.5	...	4.7
15-44 years	2,226	7.2	...	7,976	4.8	...	3.6
45-64 years	1,072	3.5	...	5,654	3.4	...	5.3
65 years and over	1,975	6.4	...	12,624	7.7	...	6.4
Male							
All races, all ages	12,198	100.0	95.9	71,340	100.0	561.1	5.8
Under 15 years	1,377	11.3	46.6	6,289	8.8	212.8	4.6
15-44 years	2,949	24.2	50.2	15,821	22.2	269.5	5.4
45-64 years	3,053	25.0	121.2	17,185	24.1	682.2	5.6
65 years and over	4,818	39.5	352.0	32,044	44.9	2,340.9	6.7
White, all ages	7,995	65.5	75.4	46,039	64.5	434.1	5.8
Under 15 years	747	6.1	31.8	3,316	4.6	141.3	4.4
15-44 years	1,730	14.2	35.7	8,829	12.4	182.4	5.1
45-64 years	2,020	16.6	92.3	11,100	15.6	507.4	5.5
65 years and over	3,498	28.7	284.1	22,794	32.0	1,851.2	6.5
Black, all ages	1,544	12.7	99.5	10,005	14.0	644.9	6.5
Under 15 years	271	2.2	59.3	1,230	1.7	269.4	4.5
15-44 years	534	4.4	71.1	3,433	4.8	457.3	6.4
45-64 years	382	3.1	159.9	2,535	3.6	1,061.7	6.6
65 years and over	358	2.9	339.3	2,807	3.9	2,660.6	7.8
All other, all ages	400	3.3	72.0	2,678	3.8	481.7	6.7
Under 15 years	63	0.5	41.4	293	0.4	191.9	4.6
15-44 years	116	1.0	41.9	648	0.9	232.9	5.6
45-64 years	100	0.8	108.0	613	0.9	659.3	6.1
65 years and over	120	1.0	373.7	1,124	1.6	3,501.9	9.4
Race not stated, all ages	2,258	18.5	...	12,618	17.7	...	5.6
Under 15 years	296	2.4	...	1,450	2.0	...	4.9
15-44 years	569	4.7	...	2,912	4.1	...	5.1
45-64 years	551	4.5	...	2,937	4.1	...	5.3
65 years and over	842	6.9	...	5,320	7.5	...	6.3

Table 2. Number, percent distribution, and rate of discharges from short-stay hospitals and of days of care, with average lengths of stay, by sex, race, and age: United States, 1995—Con.

[Discharges of inpatients from non-Federal hospitals. Excludes newborn infants]

Sex, race, and age	Discharges			Days of care			Average length of stay in days
	Number in thousands	Percent distribution	Rate per 1,000 population	Number in thousands	Percent distribution	Rate per 1,000 population	
Female							
All races, all ages	18,525	100.0	138.0	93,287	100.0	694.8	5.0
Under 15 years	1,028	5.6	36.5	4,425	4.7	157.1	4.3
15–44 years	7,644	41.3	129.0	25,004	26.8	421.8	3.3
45–64 years	3,115	16.8	115.4	17,022	18.2	630.9	5.5
65 years and over	6,738	36.4	339.5	46,836	50.2	2,360.2	7.0
White, all ages	11,955	64.5	107.7	61,612	66.0	555.2	5.2
Under 15 years	565	3.1	25.4	2,404	2.6	108.0	4.3
15–44 years	4,406	23.8	91.7	14,185	15.2	295.3	3.2
45–64 years	2,080	11.2	90.7	11,022	11.8	480.4	5.3
65 years and over	4,903	26.5	276.4	34,002	36.4	1,916.4	6.9
Black, all ages	2,343	12.6	134.9	12,593	13.5	725.0	5.4
Under 15 years	198	1.1	44.7	862	0.9	194.3	4.4
15–44 years	1,182	6.4	142.5	4,644	5.0	559.7	3.9
45–64 years	418	2.3	140.6	2,692	2.9	906.2	6.4
65 years and over	545	2.9	327.3	4,395	4.7	2,639.4	8.1
All other, all ages	698	3.8	117.8	3,053	3.3	515.3	4.4
Under 15 years	48	0.3	32.4	216	0.2	147.0	4.5
15–44 years	398	2.1	135.0	1,111	1.2	376.8	2.8
45–64 years	95	0.5	89.2	590	0.6	552.4	6.2
65 years and over	157	0.8	358.2	1,136	1.2	2,598.4	7.3
Race not stated, all ages	3,529	19.0	...	16,029	17.2	...	4.5
Under 15 years	217	1.2	...	943	1.0	...	4.3
15–44 years	1,657	8.9	...	5,064	5.4	...	3.1
45–64 years	521	2.8	...	2,717	2.9	...	5.2
65 years and over	1,133	6.1	...	7,305	7.8	...	6.4

... Category not applicable.

Table 3. Number of discharges from short-stay hospitals, days of care, and average lengths of stay, by principal expected source of payment, geographic region, and age: United States, 1995

[Discharges of inpatients from non-Federal hospitals. Excludes newborn infants]

Region and age	All principal expected sources of payment ¹	Private insurance	Medicare	Medicaid	Workers compensation	Other government payments	Self-pay	Other payments and no charge
United States								
Number of discharges in thousands								
All ages	30,722	10,359	11,607	4,515	234	535	1,560	1,214
Under 15 years	2,405	1,036	17	924	—	76	124	181
15–44 years	10,593	5,093	554	2,660	138	270	954	589
45–64 years	6,168	3,354	1,001	736	80	150	392	296
65 years and over	11,556	875	10,034	196	16	40	90	149
Northeast								
All ages	7,051	2,306	2,708	1,023	68	61	308	444
Under 15 years	621	267	*	194	—	*8	36	105
15–44 years	2,278	1,111	141	563	42	32	181	153
45–64 years	1,452	816	217	200	22	14	72	84
65 years and over	2,701	112	2,346	66	*	*6	19	101
Midwest								
All ages	6,994	2,577	2,638	800	34	110	343	318
Under 15 years	558	284	*	169	—	23	27	44
15–44 years	2,319	1,189	118	488	21	52	203	172
45–64 years	1,332	771	191	131	11	26	78	90
65 years and over	2,786	333	2,327	12	*	*9	34	12
South								
All ages	11,373	3,574	4,526	1,738	97	258	670	205
Under 15 years	794	325	*7	354	—	32	38	12
15–44 years	3,970	1,831	220	1,029	55	134	421	126
45–64 years	2,392	1,216	461	283	34	74	186	57
65 years and over	4,218	202	3,837	72	*8	18	24	9
West								
All ages	5,303	1,901	1,735	955	34	106	239	248
Under 15 years	434	161	*	207	—	12	23	20
15–44 years	2,026	962	75	579	19	52	148	138
45–64 years	992	551	133	122	13	36	55	64
65 years and over	1,851	227	1,524	46	*	*7	13	26
United States								
Number of days of care in thousands								
All ages	164,627	41,834	80,521	22,137	1,004	2,597	7,331	5,791
Under 15 years	10,715	4,174	119	4,574	—	411	455	825
15–44 years	40,825	16,544	4,050	10,767	550	1,215	4,018	2,224
45–64 years	34,207	16,080	7,105	5,304	358	756	2,192	1,627
65 years and over	78,880	5,036	69,247	1,492	97	215	667	1,115
Northeast								
All ages	44,481	10,104	21,660	6,869	314	371	1,878	2,529
Under 15 years	3,005	1,130	*	1,102	—	*53	183	492
15–44 years	10,820	3,940	1,151	3,378	162	214	1,075	635
45–64 years	9,196	4,319	1,762	1,764	125	67	468	564
65 years and over	21,460	715	18,718	626	*	*37	152	838
Midwest								
All ages	36,382	10,546	17,253	4,007	146	559	1,647	1,367
Under 15 years	2,463	1,091	*	980	—	119	79	150
15–44 years	9,045	3,889	851	2,106	82	252	873	696
45–64 years	7,061	3,593	1,364	833	51	155	443	446
65 years and over	17,813	1,973	15,029	88	*	*34	252	75

Table 3. Number of discharges from short-stay hospitals, days of care, and average lengths of stay, by principal expected source of payment, geographic region, and age: United States, 1995—Con.

[Discharges of inpatients from non-Federal hospitals. Excludes newborn infants]

Region and age	All principal expected sources of payment ¹	Private insurance	Medicare	Medicaid	Workers compensation	Other government payments	Self-pay	Other payments and no charge
South								
All ages	59,798	14,422	30,786	7,564	412	1,180	2,996	951
Under 15 years	3,283	1,249	*47	1,540	—	152	123	86
15–44 years	14,807	6,114	1,532	3,565	228	561	1,641	459
45–64 years	13,157	5,833	3,089	1,925	141	361	1,049	352
65 years and over	28,552	1,226	26,119	534	*42	105	182	54
West								
All ages	23,965	6,762	10,821	3,696	133	487	809	944
Under 15 years	1,964	703	*	952	—	87	69	97
15–44 years	6,154	2,601	517	1,718	78	188	428	435
45–64 years	4,792	2,335	891	782	40	173	232	266
65 years and over	11,056	1,122	9,381	244	*	*39	80	147
United States								
			Average length of stay in days					
All ages	5.4	4.0	6.9	4.9	4.3	4.9	4.7	4.8
Under 15 years	4.5	4.0	6.9	4.9	—	5.4	3.7	4.6
15–44 years	3.9	3.2	7.3	4.0	4.0	4.5	4.2	3.8
45–64 years	5.5	4.8	7.1	7.2	4.5	5.1	5.6	5.5
65 years and over	6.8	5.8	6.9	7.6	6.0	5.4	7.4	7.5
Northeast								
All ages	6.3	4.4	8.0	6.7	4.6	6.1	6.1	5.7
Under 15 years	4.8	4.2	*	5.7	—	*6.6	5.0	4.7
15–44 years	4.7	3.5	8.2	6.0	3.9	6.7	5.9	4.1
45–64 years	6.3	5.3	8.1	8.8	5.7	4.7	6.5	6.7
65 years and over	7.9	6.4	8.0	9.5	*	*5.8	8.0	8.3
Midwest								
All ages	5.2	4.1	6.5	5.0	4.3	5.1	4.8	4.3
Under 15 years	4.4	3.8	*	5.8	—	5.1	2.9	3.4
15–44 years	3.9	3.3	7.2	4.3	3.9	4.9	4.3	4.1
45–64 years	5.3	4.7	7.1	6.4	4.6	6.0	5.7	4.9
65 years and over	6.4	5.9	6.5	7.3	*	*3.9	7.4	6.1
South								
All ages	5.3	4.0	6.8	4.4	4.2	4.6	4.5	4.6
Under 15 years	4.1	3.8	*6.3	4.4	—	4.7	3.2	7.2
15–44 years	3.7	3.3	7.0	3.5	4.1	4.2	3.9	3.6
45–64 years	5.5	4.8	6.7	6.8	4.2	4.9	5.6	6.2
65 years and over	6.8	6.1	6.8	7.4	*5.4	5.9	7.5	5.9
West								
All ages	4.5	3.6	6.2	3.9	3.9	4.6	3.4	3.8
Under 15 years	4.5	4.4	*	4.6	—	7.3	3.0	4.8
15–44 years	3.0	2.7	6.9	3.0	4.0	3.6	2.9	3.2
45–64 years	4.8	4.2	6.7	6.4	3.1	4.9	4.2	4.2
65 years and over	6.0	4.9	6.2	5.3	*	*5.6	6.2	5.7

— Quantity zero.

*Figure does not meet standard of reliability or precision.

¹Includes discharges for which no expected source of payment was provided.

Table 4. Number and rate of discharges from short-stay hospitals and days of care, with average lengths of stay, by sex, age, and geographic region: United States, 1995

[Discharges of inpatients from non-Federal hospitals. Excludes newborn infants]

Sex, age, and region	Discharges		Days of care		Average length of stay in days
	Number in thousands	Rate per 1,000 population	Number in thousands	Rate per 1,000 population	
Both sexes					
All ages:					
United States	30,722	117.5	164,627	629.8	5.4
Northeast	7,051	137.2	44,481	865.5	6.3
Midwest	6,994	113.4	36,382	589.7	5.2
South	11,373	124.8	59,798	656.1	5.3
West	5,303	92.8	23,965	419.2	4.5
Under 15 years:					
United States	2,405	41.7	10,715	185.6	4.5
Northeast	621	58.3	3,005	282.2	4.8
Midwest	558	41.3	2,463	182.6	4.4
South	794	39.6	3,283	163.9	4.1
West	434	32.0	1,964	144.8	4.5
15–44 years:					
United States	10,593	89.8	40,825	346.0	3.9
Northeast	2,278	99.5	10,820	472.6	4.7
Midwest	2,319	83.5	9,045	325.7	3.9
South	3,970	96.8	14,807	361.1	3.7
West	2,026	77.0	6,154	233.9	3.0
45–64 years:					
United States	6,168	118.2	34,207	655.6	5.5
Northeast	1,452	137.5	9,196	870.8	6.3
Midwest	1,332	107.9	7,061	572.0	5.3
South	2,392	129.8	13,157	713.7	5.5
West	992	91.5	4,792	442.3	4.8
65 years and over:					
United States	11,556	344.6	78,880	2,352.4	6.8
Northeast	2,701	370.3	21,460	2,942.5	7.9
Midwest	2,786	344.2	17,813	2,200.8	6.4
South	4,218	361.0	28,552	2,443.9	6.8
West	1,851	286.5	11,056	1,710.8	6.0
Male					
All ages:					
United States	12,198	95.9	71,340	561.1	5.8
Northeast	2,960	119.6	19,304	779.9	6.5
Midwest	2,810	93.7	16,209	540.2	5.8
South	4,437	100.8	25,241	573.4	5.7
West	1,990	70.2	10,586	373.3	5.3
Under 15 years:					
United States	1,377	46.6	6,289	212.8	4.6
Northeast	367	67.3	1,785	327.4	4.9
Midwest	320	46.3	1,453	210.2	4.5
South	444	43.4	1,900	185.5	4.3
West	246	35.4	1,152	165.8	4.7
15–44 years:					
United States	2,949	50.2	15,821	269.5	5.4
Northeast	760	66.9	4,542	400.1	6.0
Midwest	660	47.7	3,657	264.3	5.5
South	1,074	53.2	5,499	272.5	5.1
West	455	34.1	2,122	159.2	4.7

Table 4. Number and rate of discharges from short-stay hospitals and days of care, with average lengths of stay, by sex, age, and geographic region: United States, 1995—Con.

[Discharges of inpatients from non-Federal hospitals. Excludes newborn infants]

Sex, age, and region	Discharges		Days of care		Average length of stay in days
	Number in thousands	Rate per 1,000 population	Number in thousands	Rate per 1,000 population	
Male—Continued					
45–64 years:					
United States	3,053	121.2	17,185	682.2	5.6
Northeast	727	144.0	4,571	906.1	6.3
Midwest	657	109.8	3,644	608.9	5.5
South	1,182	133.8	6,546	740.8	5.5
West	487	91.4	2,424	455.1	5.0
65 years and over:					
United States	4,818	352.0	32,044	2,340.9	6.7
Northeast	1,107	381.8	8,405	2,898.4	7.6
Midwest	1,173	358.3	7,455	2,277.7	6.4
South	1,736	364.6	11,296	2,372.0	6.5
West	802	291.3	4,888	1,775.6	6.1
Female					
All ages:					
United States	18,525	138.0	93,287	694.8	5.0
Northeast	4,091	153.6	25,177	944.9	6.2
Midwest	4,184	132.0	20,173	636.5	4.8
South	6,936	147.2	34,557	733.3	5.0
West	3,313	115.0	13,380	464.4	4.0
Under 15 years:					
United States	1,028	36.5	4,425	157.1	4.3
Northeast	254	48.9	1,220	234.9	4.8
Midwest	238	36.1	1,011	153.6	4.3
South	349	35.7	1,383	141.3	4.0
West	188	28.4	812	122.8	4.3
15–44 years:					
United States	7,644	129.0	25,004	421.8	3.3
Northeast	1,519	131.6	6,278	543.9	4.1
Midwest	1,658	119.0	5,388	386.6	3.2
South	2,896	139.1	9,307	447.0	3.2
West	1,571	121.1	4,031	310.7	2.6
45–64 years:					
United States	3,115	115.4	17,022	630.9	5.5
Northeast	725	131.5	4,625	838.5	6.4
Midwest	675	106.1	3,417	537.3	5.1
South	1,210	126.0	6,611	688.9	5.5
West	505	91.7	2,369	430.0	4.7
65 years and over:					
United States	6,738	339.5	46,836	2,360.2	7.0
Northeast	1,593	362.7	13,054	2,971.7	8.2
Midwest	1,613	334.7	10,358	2,148.6	6.4
South	2,481	358.5	17,256	2,493.3	7.0
West	1,050	283.0	6,167	1,662.8	5.9

Table 5. Number, percent distribution, and rate of discharges and of days of care, with average lengths of stay for women with deliveries discharged from short-stay hospitals, by age, race, and geographic region: United States, 1995

[Discharges of inpatients from non-Federal hospitals]

Age, race, and region	Discharges			Days of care			Average length of stay in days
	Number in thousands	Percent distribution	Rate per 1,000 population	Number in thousands	Percent distribution	Rate per 1,000 population	
Age							
10–54 years	3,766	100.0	45.1	8,033	100.0	96.1	2.1
10–14 years	12	0.3	1.3	27	0.3	3.0	2.3
15–44 years	3,752	99.6	63.5	8,000	99.6	135.3	2.1
15–19 years	469	12.5	54.8	994	12.4	116.0	2.1
20–24 years	893	23.7	99.7	1,868	23.3	208.5	2.1
25–29 years	1,067	28.3	112.1	2,215	27.6	232.6	2.1
30–34 years	872	23.2	78.6	1,895	23.6	170.9	2.2
35–44 years	450	12.0	21.5	1,028	12.8	49.0	2.3
45–54 years	*	*	*	*	*	*	*
10–17 years	190	5.0	13.2	412	5.1	28.7	2.2
18–54 years	3,576	95.0	51.7	7,621	94.9	110.1	2.1
Race							
White	2,124	56.4	31.1	4,514	56.2	66.2	2.1
Black	481	12.8	42.5	1,151	14.3	101.7	2.4
All other	256	6.8	64.2	505	6.3	126.5	2.0
Race not stated	906	24.0	...	1,862	23.2	...	2.1
Region							
Northeast	633	16.8	38.5	1,543	19.2	93.9	2.4
Midwest	821	21.8	41.7	1,726	21.5	87.6	2.1
South	1,359	36.1	46.5	2,960	36.8	101.2	2.2
West	953	25.3	52.4	1,804	22.5	99.2	1.9

*Figure does not meet standard of reliability or precision.

... Category not applicable.

Table 6. Number of discharges from short-stay hospitals, by age and first-listed diagnosis: United States, 1995[Discharges of inpatients from non-Federal hospitals. Excludes newborn infants. Diagnostic groupings and code numbers are based on the *International Classification of Diseases, 9th Revision, Clinical Modification (ICD-9-CM)*]

Category of first-listed diagnosis and ICD-9-CM code	All ages	Under 15 years	15-44 years	45-64 years	65 years and over
	Number in thousands				
All conditions	30,722	2,405	10,593	6,168	11,556
Infectious and parasitic diseases 001-139	885	193	242	141	309
Septicemia 038	308	19	27	52	210
Neoplasms 140-239	1,802	36	327	589	851
Malignant neoplasms 140-208,230-234	1,414	27	153	461	774
Malignant neoplasm of large intestine and rectum 153-154,197.5	140	-	*6	29	105
Malignant neoplasm of trachea, bronchus, and lung 162,176.4,197.0,197.3	199	*	13	76	109
Malignant neoplasm of breast 174-175,198.81	140	-	22	56	62
Benign neoplasms and neoplasms of uncertain behavior and unspecified nature 210-229,235-239	388	9	173	128	77
Endocrine, nutritional and metabolic diseases, and immunity disorders 240-279	1,278	143	248	322	565
Diabetes mellitus 250	493	21	112	172	188
Volume depletion 276.5	416	100	48	58	210
Diseases of the blood and blood-forming organs 280-289	339	59	101	58	121
Mental disorders 290-319	2,009	90	1,216	387	316
Psychoses 290-299	1,206	36	669	245	256
Alcohol dependence syndrome 303	247	*	163	71	12
Diseases of the nervous system and sense organs 320-389	561	102	136	113	210
Diseases of the central nervous system 320-349	297	51	95	58	93
Diseases of the ear and mastoid process 380-389	84	36	10	16	22
Diseases of the circulatory system 390-459	5,830	21	421	1,589	3,799
Heart disease 391-392.0,393-398,402,404,410-416,420-429	4,050	11	269	1,152	2,618
Acute myocardial infarction 410	771	-	43	256	471
Coronary atherosclerosis 414.0	895	-	44	350	501
Other ischemic heart disease 411-413,414.1-414.9	464	*	43	155	265
Cardiac dysrhythmias 427	585	*5	48	131	400
Congestive heart failure 428.0	872	*	31	142	698
Cerebrovascular disease 430-438	926	*	38	182	704
Diseases of the respiratory system 460-519	3,329	766	462	572	1,528
Acute respiratory infections 460-466	384	241	44	38	60
Chronic disease of tonsils and adenoids 474	32	25	*6	*	*
Pneumonia 480-486	1,246	243	154	161	687
Asthma 493	511	212	135	87	77
Diseases of the digestive system 520-579	3,031	219	807	803	1,202
Ulcers of the stomach and small intestine 531-534	212	*	34	53	123
Appendicitis 540-543	210	50	123	25	12
Inguinal hernia 550	66	*9	13	14	30
Noninfectious enteritis and colitis 555-558	334	79	100	59	95
Cholelithiasis 574	430	*	145	129	155
Diseases of the genitourinary system 580-629	1,768	72	654	395	647
Calculus of kidney and ureter 592	195	*	90	76	27
Hyperplasia of prostate 600	136	-	*	22	112
Complications of pregnancy, childbirth, and the puerperium ¹ 630-677	542	*	540	*	...
Abortions and ectopic and molar pregnancies 630-639	111	*	110	*	...
Diseases of the skin and subcutaneous tissue 680-709	482	41	126	118	197
Cellulitis and abscess 681-682	350	26	95	94	135
Diseases of the musculoskeletal system and connective tissue 710-739	1,479	37	391	417	634
Arthropathies and related disorders 710-719	561	11	97	131	322
Intervertebral disc disorders 722	327	-	158	115	54
Congenital anomalies 740-759	159	120	24	10	*5
Certain conditions originating in the perinatal period 760-779	142	141	*	-	-
Symptoms, signs, and ill-defined conditions 780-799	312	50	121	77	64
Injury and poisoning 800-999	2,591	241	925	482	943
Fractures, all sites 800-829	988	73	279	147	489
Fracture of neck of femur 820	301	*	*6	18	274
Intracranial injuries (excluding those with skull fracture) 850-854	156	27	71	21	37
Open wounds 870-897	141	17	91	20	13
Supplementary classifications V01-V82	4,183	74	3,852	93	164
Females with deliveries V27	3,766	12	3,752	*	...

- Quantity zero.

*Figure does not meet standard of reliability or precision.

... Category not applicable.

¹First-listed diagnosis for females with deliveries is coded V27, shown under "Supplementary classifications."

Table 7. Rate of discharges from short-stay hospitals, by age and first-listed diagnosis: United States, 1995[Discharges of inpatients from non-Federal hospitals. Excludes newborn infants. Diagnostic groupings and code numbers are based on the *International Classification of Diseases, 9th Revision, Clinical Modification (ICD-9-CM)*]

Category of first-listed diagnosis and ICD-9-CM code	All ages	Under 15 years	15-44 years	45-64 years	65 years and over	
						Rate per 10,000 population
All conditions	1,175.3	416.7	897.9	1,182.2	3,446.3	
Infectious and parasitic diseases	001-139	33.8	33.4	20.5	27.0	92.2
Septicemia	038	11.8	3.3	2.3	10.0	62.6
Neoplasms	140-239	68.9	6.2	27.7	112.8	253.8
Malignant neoplasms	140-208,230-234	54.1	4.6	13.0	88.3	230.7
Malignant neoplasm of large intestine and rectum	153-154,197.5	5.4	-	*0.5	5.5	31.4
Malignant neoplasm of trachea, bronchus, and lung	162,176.4,197.0,197.3	7.6	*	1.1	14.6	32.5
Malignant neoplasm of breast	174-175,198.81	5.4	-	1.9	10.8	18.5
Benign neoplasms and neoplasms of uncertain behavior and unspecified nature	210-229,235-239	14.8	1.6	14.7	24.5	23.1
Endocrine, nutritional and metabolic diseases, and immunity disorders	240-279	48.9	24.8	21.0	61.7	168.6
Diabetes mellitus	250	18.9	3.6	9.5	33.0	56.1
Volume depletion	276.5	15.9	17.4	4.1	11.1	62.5
Diseases of the blood and blood-forming organs	280-289	13.0	10.2	8.6	11.1	36.1
Mental disorders	290-319	76.8	15.5	103.1	74.1	94.3
Psychoses	290-299	46.1	6.2	56.7	46.9	76.4
Alcohol dependence syndrome	303	9.5	*	13.8	13.7	3.6
Diseases of the nervous system and sense organs	320-389	21.4	17.6	11.6	21.6	62.5
Diseases of the central nervous system	320-349	11.4	8.8	8.1	11.1	27.8
Diseases of the ear and mastoid process	380-389	3.2	6.3	0.8	3.0	6.6
Diseases of the circulatory system	390-459	223.0	3.7	35.7	304.6	1,133.1
Heart disease	391-392.0,393-398,402,404,410-416,420-429	154.9	2.0	22.8	220.8	780.7
Acute myocardial infarction	410	29.5	-	3.7	49.1	140.5
Coronary atherosclerosis	414.0	34.2	-	3.7	67.1	149.4
Other ischemic heart disease	411-413,414.1-414.9	17.7	*	3.6	29.8	79.1
Cardiac dysrhythmias	427	22.4	*0.9	4.1	25.1	119.2
Congestive heart failure	428.0	33.4	*	2.6	27.2	208.0
Cerebrovascular disease	430-438	35.4	*	3.2	34.8	209.8
Diseases of the respiratory system	460-519	127.3	132.8	39.2	109.7	455.6
Acute respiratory infections	460-466	14.7	41.8	3.7	7.4	18.0
Chronic disease of tonsils and adenoids	474	1.2	4.3	*0.5	*	*
Pneumonia	480-486	47.6	42.1	13.0	30.9	205.0
Asthma	493	19.5	36.7	11.4	16.7	23.0
Diseases of the digestive system	520-579	115.9	37.9	68.4	154.0	358.3
Ulcers of the stomach and small intestine	531-534	8.1	*	2.9	10.2	36.6
Appendicitis	540-543	8.0	8.7	10.4	4.8	3.7
Inguinal hernia	550	2.5	*1.5	1.1	2.7	9.0
Noninfectious enteritis and colitis	555-558	12.8	13.7	8.5	11.4	28.4
Cholelithiasis	574	16.5	*	12.3	24.6	46.1
Diseases of the genitourinary system	580-629	67.6	12.4	55.5	75.7	193.0
Calculus of kidney and ureter	592	7.4	*	7.6	14.6	8.0
Hyperplasia of prostate	600	5.2	-	*	4.3	33.5
Complications of pregnancy, childbirth, and the puerperium ¹	630-677	20.7	*	45.7	*	...
Abortions and ectopic and molar pregnancies	630-639	4.2	*	9.3	*	...
Diseases of the skin and subcutaneous tissue	680-709	18.4	7.1	10.7	22.6	58.7
Cellulitis and abscess	681-682	13.4	4.5	8.0	18.1	40.2
Diseases of the musculoskeletal system and connective tissue	710-739	56.6	6.4	33.1	80.0	189.1
Arthropathies and related disorders	710-719	21.5	2.0	8.2	25.0	96.1
Intervertebral disc disorders	722	12.5	-	13.4	22.1	16.0
Congenital anomalies	740-759	6.1	20.7	2.1	1.9	*1.6
Certain conditions originating in the perinatal period	760-779	5.4	24.5	*	-	-
Symptoms, signs, and ill-defined conditions	780-799	12.0	8.7	10.2	14.9	19.1
Injury and poisoning	800-999	99.1	41.7	78.4	92.5	281.3
Fractures, all sites	800-829	37.8	12.7	23.6	28.1	145.8
Fracture of neck of femur	820	11.5	*	*0.5	3.5	81.8
Intracranial injuries (excluding those with skull fracture)	850-854	6.0	4.8	6.0	4.0	10.9
Open wounds	870-897	5.4	3.0	7.7	3.8	3.9
Supplementary classifications	V01-V82	160.0	12.8	326.5	17.8	49.0
Females with deliveries	V27	144.1	2.1	318.0	*	...

- Quantity zero.

*Figure does not meet standard of reliability or precision.

... Category not applicable.

¹First-listed diagnosis for females with deliveries is coded V27, shown under "Supplementary classifications."

Table 8. Average length of stay for discharges from short-stay hospitals, by age and first-listed diagnosis: United States, 1995[Discharges of inpatients from non-Federal hospitals. Excludes newborn infants. Diagnostic groupings and code numbers are based on the *International Classification of Diseases, 9th Revision, Clinical Modification (ICD-9-CM)*]

Category of first-listed diagnosis and ICD-9-CM code	All ages	Under 15 years	15-44 years	45-64 years	65 years and over	Average length of stay in days				
All conditions	5.4	4.5	3.9	5.5	6.8					
Infectious and parasitic diseases 001-139	6.9	3.7	6.9	8.5	8.2					
Septicemia 038	8.7	5.5	7.6	9.8	8.8					
Neoplasms 140-239	6.6	6.9	4.6	5.9	7.7					
Malignant neoplasms 140-208,230-234	7.3	7.7	6.1	6.5	8.0					
Malignant neoplasm of large intestine and rectum 153-154,197.5	10.5	-	*7.1	8.7	11.1					
Malignant neoplasm of trachea, bronchus, and lung 162,176.4,197.0,197.3	7.3	*	5.5	6.2	8.4					
Malignant neoplasm of breast 174-175,198.81	3.5	-	4.5	3.6	3.0					
Benign neoplasms and neoplasms of uncertain behavior and unspecified nature 210-229,235-239	3.9	4.4	3.2	3.7	5.6					
Endocrine, nutritional and metabolic diseases, and immunity disorders 240-279	5.3	3.0	4.3	5.3	6.4					
Diabetes mellitus 250	6.2	3.7	4.6	6.3	7.4					
Volume depletion 276.5	4.8	2.3	3.2	4.8	6.4					
Diseases of the blood and blood-forming organs 280-289	4.9	3.4	5.2	5.3	5.2					
Mental disorders 290-319	8.9	12.1	8.1	9.0	11.0					
Psychoses 290-299	10.3	12.4	9.5	10.6	11.9					
Alcohol dependence syndrome 303	7.2	*	7.3	7.1	7.7					
Diseases of the nervous system and sense organs 320-389	5.1	3.8	4.8	5.5	5.8					
Diseases of the central nervous system 320-349	6.9	5.2	5.3	7.8	9.1					
Diseases of the ear and mastoid process 380-389	2.9	2.0	2.7	2.6	4.5					
Diseases of the circulatory system 390-459	5.8	4.8	4.7	5.0	6.2					
Heart disease 391-392.0,393-398,402,404,410-416,420-429	5.5	4.5	4.5	4.8	5.9					
Acute myocardial infarction 410	6.6	-	4.8	5.8	7.3					
Coronary atherosclerosis 414.0	4.8	-	4.1	4.3	5.3					
Other ischemic heart disease 411-413,414.1-414.9	3.8	*	2.7	3.4	4.2					
Cardiac dysrhythmias 427	4.2	*3.4	2.7	3.7	4.6					
Congestive heart failure 428.0	6.4	*	6.3	5.6	6.5					
Cerebrovascular disease 430-438	6.8	*	7.8	6.7	6.8					
Diseases of the respiratory system 460-519	6.0	3.2	4.9	6.2	7.6					
Acute respiratory infections 460-466	3.5	3.0	3.3	4.4	5.2					
Chronic disease of tonsils and adenoids 474	1.3	1.2	*1.5	*	*					
Pneumonia 480-486	6.7	3.7	6.1	6.8	7.8					
Asthma 493	3.7	2.7	3.4	4.8	5.9					
Diseases of the digestive system 520-579	5.2	3.8	3.9	5.3	6.3					
Ulcers of the stomach and small intestine 531-534	6.1	*	4.5	5.3	6.9					
Appendicitis 540-543	3.8	3.7	3.3	4.3	8.6					
Inguinal hernia 550	2.5	*1.7	2.0	1.8	3.2					
Noninfectious enteritis and colitis 555-558	4.4	2.8	3.5	5.8	5.8					
Cholelithiasis 574	4.2	*	2.8	4.0	5.7					
Diseases of the genitourinary system 580-629	4.1	3.8	3.0	3.6	5.4					
Calculus of kidney and ureter 592	2.3	*	2.0	2.2	3.0					
Hyperplasia of prostate 600	3.1	-	*	2.5	3.2					
Complications of pregnancy, childbirth, and the puerperium ¹ 630-677	2.5	*	2.5	*	...					
Abortions and ectopic and molar pregnancies 630-639	1.8	*	1.8	*	...					
Diseases of the skin and subcutaneous tissue 680-709	6.7	3.5	5.4	6.4	8.3					
Cellulitis and abscess 681-682	6.1	3.5	4.9	5.9	7.6					
Diseases of the musculoskeletal system and connective tissue 710-739	4.9	4.5	3.3	4.3	6.4					
Arthropathies and related disorders 710-719	5.6	5.6	3.5	5.1	6.4					
Intervertebral disc disorders 722	3.3	-	2.6	3.4	5.2					
Congenital anomalies 740-759	6.3	6.9	4.1	3.6	*6.1					
Certain conditions originating in the perinatal period 760-779	9.6	9.6	*	-	-					
Symptoms, signs, and ill-defined conditions 780-799	2.9	2.5	2.1	2.9	4.9					
Injury and poisoning 800-999	5.6	4.0	4.6	5.5	7.1					
Fractures, all sites 800-829	6.3	4.6	5.0	5.7	7.5					
Fracture of neck of femur 820	8.4	*	*7.4	8.1	8.4					
Intracranial injuries (excluding those with skull fracture) 850-854	6.4	4.3	5.9	8.0	8.0					
Open wounds 870-897	3.5	3.3	3.3	3.0	5.7					
Supplementary classifications V01-V82	2.7	4.8	2.2	7.1	11.5					
Females with deliveries V27	2.1	2.3	2.1	*	...					

- Quantity zero.

*Figure does not meet standard of reliability or precision.

... Category not applicable.

¹First-listed diagnosis for females with deliveries is coded V27, shown under "Supplementary classifications."

Table 9. Number of discharges from short-stay hospitals, by sex and first-listed diagnosis: United States, 1995[Discharges of inpatients from non-Federal hospitals. Excludes newborn infants. Diagnostic groupings and code numbers are based on the *International Classification of Diseases, 9th Revision, Clinical Modification (ICD-9-CM)*]

Category of first-listed diagnosis and ICD-9-CM code	Both sexes	Male	Female
Number in thousands			
All conditions	30,722	12,198	18,525
Infectious and parasitic diseases 001-139	885	445	440
Septicemia 038	308	133	175
Neoplasms 140-239	1,802	691	1,112
Malignant neoplasms 140-208,230-234	1,414	623	792
Malignant neoplasm of large intestine and rectum 153-154,197.5	140	66	74
Malignant neoplasm of trachea, bronchus, and lung 162,176.4,197.0,197.3	199	106	92
Malignant neoplasm of breast 174-175,198.81	140	*	140
Benign neoplasms and neoplasms of uncertain behavior and unspecified nature 210-229,235-239	388	68	320
Endocrine, nutritional and metabolic diseases, and immunity disorders 240-279	1,278	523	755
Diabetes mellitus 250	493	232	261
Volume depletion 276.5	416	163	253
Diseases of the blood and blood-forming organs 280-289	339	142	197
Mental disorders 290-319	2,009	1,023	986
Psychoses 290-299	1,206	538	668
Alcohol dependence syndrome 303	247	183	64
Diseases of the nervous system and sense organs 320-389	561	247	314
Diseases of the central nervous system 320-349	297	126	171
Diseases of the ear and mastoid process 380-389	84	37	47
Diseases of the circulatory system 390-459	5,830	2,973	2,857
Heart disease 391-392.0,393-398,402,404,410-416,420-429	4,050	2,139	1,911
Acute myocardial infarction 410	771	468	303
Coronary atherosclerosis 414.0	895	567	328
Other ischemic heart disease 411-413,414.1-414.9	464	233	231
Cardiac dysrhythmias 427	585	277	307
Congestive heart failure 428.0	872	378	494
Cerebrovascular disease 430-438	926	425	501
Diseases of the respiratory system 460-519	3,329	1,590	1,738
Acute respiratory infections 460-466	384	213	171
Chronic disease of tonsils and adenoids 474	32	17	15
Pneumonia 480-486	1,246	610	636
Asthma 493	511	210	301
Diseases of the digestive system 520-579	3,031	1,323	1,707
Ulcers of the stomach and small intestine 531-534	212	106	106
Appendicitis 540-543	210	126	84
Inguinal hernia 550	66	60	*6
Noninfectious enteritis and colitis 555-558	334	135	199
Cholelithiasis 574	430	125	306
Diseases of the genitourinary system 580-629	1,768	587	1,181
Calculus of kidney and ureter 592	195	127	68
Hyperplasia of prostate 600	136	136	...
Complications of pregnancy, childbirth, and the puerperium ¹ 630-677	542	...	542
Abortions and ectopic and molar pregnancies 630-639	111	...	111
Diseases of the skin and subcutaneous tissue 680-709	482	235	246
Cellulitis and abscess 681-682	350	182	168
Diseases of the musculoskeletal system and connective tissue 710-739	1,479	648	831
Arthropathies and related disorders 710-719	561	216	345
Intervertebral disc disorders 722	327	187	140
Congenital anomalies 740-759	159	87	73
Certain conditions originating in the perinatal period 760-779	142	86	56
Symptoms, signs, and ill-defined conditions 780-799	312	143	170
Injury and poisoning 800-999	2,591	1,289	1,302
Fractures, all sites 800-829	988	439	549
Fracture of neck of femur 820	301	79	222
Intracranial injuries (excluding those with skull fracture) 850-854	156	96	59
Open wounds 870-897	141	103	38
Supplementary classifications V01-V82	4,183	165	4,017
Females with deliveries V27	3,766	...	3,766

*Figure does not meet standard of reliability or precision.

... Category not applicable.

¹First-listed diagnosis for females with deliveries is coded V27, shown under "Supplementary classifications."

Table 10. Rate of discharges from short-stay hospitals, by sex and first-listed diagnosis: United States, 1995[Discharges of inpatients from non-Federal hospitals. Excludes newborn infants. Diagnostic groupings and code numbers are based on the *International Classification of Diseases, 9th Revision, Clinical Modification (ICD-9-CM)*]

Category of first-listed diagnosis and ICD-9-CM code	Both sexes	Male	Female
	Rate per 10,000 population		
All conditions	1,175.3	959.4	1,379.6
Infectious and parasitic diseases 001-139	33.8	35.0	32.8
Septicemia 038	11.8	10.4	13.0
Neoplasms 140-239	68.9	54.3	82.8
Malignant neoplasms 140-208,230-234	54.1	49.0	58.9
Malignant neoplasm of large intestine and rectum 153-154,197.5	5.4	5.2	5.5
Malignant neoplasm of trachea, bronchus, and lung 162,176.4,197.0,197.3	7.6	8.3	6.9
Malignant neoplasm of breast 174-175,198.81	5.4	*	10.4
Benign neoplasms and neoplasms of uncertain behavior and unspecified nature 210-229,235-239	14.8	5.3	23.8
Endocrine, nutritional and metabolic diseases, and immunity disorders 240-279	48.9	41.1	56.3
Diabetes mellitus 250	18.9	18.2	19.5
Volume depletion 276.5	15.9	12.8	18.9
Diseases of the blood and blood-forming organs 280-289	13.0	11.1	14.7
Mental disorders 290-319	76.8	80.4	73.4
Psychoses 290-299	46.1	42.4	49.7
Alcohol dependence syndrome 303	9.5	14.4	4.8
Diseases of the nervous system and sense organs 320-389	21.4	19.4	23.4
Diseases of the central nervous system 320-349	11.4	9.9	12.7
Diseases of the ear and mastoid process 380-389	3.2	2.9	3.5
Diseases of the circulatory system 390-459	223.0	233.9	212.8
Heart disease 391-392.0,393-398,402,404,410-416,420-429	154.9	168.2	142.3
Acute myocardial infarction 410	29.5	36.8	22.6
Coronary atherosclerosis 414.0	34.2	44.6	24.4
Other ischemic heart disease 411-413,414.1-414.9	17.7	18.3	17.2
Cardiac dysrhythmias 427	22.4	21.8	22.9
Congestive heart failure 428.0	33.4	29.7	36.8
Cerebrovascular disease 430-438	35.4	33.5	37.3
Diseases of the respiratory system 460-519	127.3	125.1	129.5
Acute respiratory infections 460-466	14.7	16.8	12.7
Chronic disease of tonsils and adenoids 474	1.2	1.3	1.1
Pneumonia 480-486	47.6	48.0	47.4
Asthma 493	19.5	16.5	22.4
Diseases of the digestive system 520-579	115.9	104.1	127.2
Ulcers of the stomach and small intestine 531-534	8.1	8.3	7.9
Appendicitis 540-543	8.0	9.9	6.3
Inguinal hernia 550	2.5	4.7	*0.4
Noninfectious enteritis and colitis 555-558	12.8	10.6	14.8
Cholelithiasis 574	16.5	9.8	22.8
Diseases of the genitourinary system 580-629	67.6	46.2	87.9
Calculus of kidney and ureter 592	7.4	10.0	5.1
Hyperplasia of prostate 600	5.2	10.7	...
Complications of pregnancy, childbirth, and the puerperium ¹ 630-677	20.7	...	40.4
Abortions and ectopic and molar pregnancies 630-39	4.2	...	8.3
Diseases of the skin and subcutaneous tissue 680-709	18.4	18.5	18.3
Cellulitis and abscess 681-682	13.4	14.3	12.5
Diseases of the musculoskeletal system and connective tissue 710-739	56.6	51.0	61.9
Arthropathies and related disorders 710-719	21.5	17.0	25.7
Intervertebral disc disorders 722	12.5	14.7	10.4
Congenital anomalies 740-759	6.1	6.8	5.4
Certain conditions originating in the perinatal period 760-779	5.4	6.7	4.2
Symptoms, signs, and ill-defined conditions 780-799	12.0	11.2	12.6
Injury and poisoning 800-999	99.1	101.4	97.0
Fractures, all sites 800-829	37.8	34.5	40.9
Fracture of neck of femur 820	11.5	6.2	16.5
Intracranial injuries (excluding those with skull fracture) 850-854	6.0	7.6	4.4
Open wounds 870-897	5.4	8.1	2.8
Supplementary classifications V01-V82	160.0	13.0	299.2
Females with deliveries V27	144.1	...	280.5

*Figure does not meet standard of reliability or precision.

... Category not applicable.

¹First-listed diagnosis for females with deliveries is coded V27, shown under "Supplementary classifications."

Table 11. Average length of stay for discharges from short-stay hospitals, by sex and first-listed diagnosis: United States, 1995[Discharges of inpatients from non-Federal hospitals. Excludes newborn infants. Diagnostic groupings and code numbers are based on the *International Classification of Diseases, 9th Revision, Clinical Modification (ICD-9-CM)*]

Category of first-listed diagnosis and ICD-9-CM code	Both sexes	Male	Female
	Average length of stay in days		
All conditions	5.4	5.8	5.0
Infectious and parasitic diseases 001-139	6.9	7.0	6.7
Septicemia 038	8.7	8.6	8.7
Neoplasms 140-239	6.6	7.5	6.0
Malignant neoplasms 140-208,230-234	7.3	7.7	7.0
Malignant neoplasm of large intestine and rectum 153-154,197.5	10.5	10.0	10.8
Malignant neoplasm of trachea, bronchus, and lung 162,176.4,197.0,197.3	7.3	7.5	7.1
Malignant neoplasm of breast 174-175,198.81	3.5	*	3.5
Benign neoplasms and neoplasms of uncertain behavior and unspecified nature 210-229,235-239	3.9	5.2	3.6
Endocrine, nutritional and metabolic diseases, and immunity disorders 240-279	5.3	5.3	5.4
Diabetes mellitus 250	6.2	6.3	6.2
Volume depletion 276.5	4.8	4.4	5.1
Diseases of the blood and blood-forming organs 280-289	4.9	4.6	5.1
Mental disorders 290-319	8.9	8.5	9.3
Psychoses 290-299	10.3	10.2	10.5
Alcohol dependence syndrome 303	7.2	7.0	7.9
Diseases of the nervous system and sense organs 320-389	5.1	5.3	5.0
Diseases of the central nervous system 320-349	6.9	7.4	6.6
Diseases of the ear and mastoid process 380-389	2.9	2.5	3.2
Diseases of the circulatory system 390-459	5.8	5.6	6.0
Heart disease 391-392.0,393-398,402,404,410-416,420-429	5.5	5.3	5.7
Acute myocardial infarction 410	6.6	6.3	7.2
Coronary atherosclerosis 414.0	4.8	4.9	4.8
Other ischemic heart disease 411-413,414.1-414.9	3.8	3.6	4.0
Cardiac dysrhythmias 427	4.2	4.1	4.3
Congestive heart failure 428.0	6.4	6.0	6.7
Cerebrovascular disease 430-438	6.8	6.7	6.9
Diseases of the respiratory system 460-519	6.0	5.8	6.2
Acute respiratory infections 460-466	3.5	3.4	3.7
Chronic disease of tonsils and adenoids 474	1.3	1.4	1.2
Pneumonia 480-486	6.7	6.5	6.8
Asthma 493	3.7	3.2	4.1
Diseases of the digestive system 520-579	5.2	5.2	5.3
Ulcers of the stomach and small intestine 531-534	6.1	5.9	6.4
Appendicitis 540-543	3.8	3.8	3.9
Inguinal hernia 550	2.5	2.4	*3.1
Noninfectious enteritis and colitis 555-558	4.4	4.3	4.5
Cholelithiasis 574	4.2	5.0	3.9
Diseases of the genitourinary system 580-629	4.1	4.3	4.0
Calculus of kidney and ureter 592	2.3	2.0	2.7
Hyperplasia of prostate 600	3.1	3.1	...
Complications of pregnancy, childbirth, and the puerperium ¹ 630-677	2.5	...	2.5
Abortions and ectopic and molar pregnancies 630-639	1.8	...	1.8
Diseases of the skin and subcutaneous tissue 680-709	6.7	6.3	7.0
Cellulitis and abscess 681-682	6.1	5.7	6.5
Diseases of the musculoskeletal system and connective tissue 710-739	4.9	4.6	5.2
Arthropathies and related disorders 710-719	5.6	5.2	5.8
Intervertebral disc disorders 722	3.3	3.0	3.7
Congenital anomalies 740-759	6.3	6.4	6.1
Certain conditions originating in the perinatal period 760-779	9.6	9.6	9.5
Symptoms, signs, and ill-defined conditions 780-799	2.9	2.6	3.2
Injury and poisoning 800-999	5.6	5.4	5.9
Fractures, all sites 800-829	6.3	6.0	6.6
Fracture of neck of femur 820	8.4	7.7	8.6
Intracranial injuries (excluding those with skull fracture) 850-854	6.4	6.3	6.4
Open wounds 870-897	3.5	3.3	4.1
Supplementary classifications V01-V82	2.7	8.4	2.5
Females with deliveries V27	2.1	...	2.1

*Figure does not meet standard of reliability or precision.

... Category not applicable.

¹First-listed diagnosis for females with deliveries is coded V27, shown under "Supplementary classifications."

Table 12. Number of discharges from short-stay hospitals, by race and first-listed diagnosis: United States, 1995[Discharges of inpatients from non-Federal hospitals. Excludes newborn infants. Diagnostic groupings and code numbers are based on the *International Classification of Diseases, 9th Revision, Clinical Modification (ICD-9-CM)*]

Category of first-listed diagnosis and ICD-9-CM code	All races	White	Black	All other	Not stated
	Number in thousands				
All conditions	30,722	19,951	3,887	1,098	5,787
Infectious and parasitic diseases 001-139	885	526	168	36	155
Septicemia 038	308	199	47	10	52
Neoplasms 140-239	1,802	1,234	196	73	299
Malignant neoplasms 140-208,230-234	1,414	990	134	52	238
Malignant neoplasm of large intestine and rectum 153-154,197.5	140	97	10	*	28
Malignant neoplasm of trachea, bronchus, and lung 162,176.4,197.0,197.3	199	140	21	*	33
Malignant neoplasm of breast 174-175,198.81	140	100	11	*	25
Benign neoplasms and neoplasms of uncertain behavior and unspecified nature 210-229,235-239	388	244	62	21	61
Endocrine, nutritional and metabolic diseases, and immunity disorders 240-279	1,278	774	226	40	238
Diabetes mellitus 250	493	266	114	17	97
Volume depletion 276.5	416	267	60	12	77
Diseases of the blood and blood-forming organs 280-289	339	185	90	*8	55
Mental disorders 290-319	2,009	1,267	298	43	400
Psychoses 290-299	1,206	792	159	26	228
Alcohol dependence syndrome 303	247	137	36	*	70
Diseases of the nervous system and sense organs 320-389	561	372	68	19	101
Diseases of the central nervous system 320-349	297	188	41	12	57
Diseases of the ear and mastoid process 380-389	84	53	10	*	18
Diseases of the circulatory system 390-459	5,830	4,112	584	147	987
Heart disease 391-392.0,393-398,402,404,410-416,420-429	4,050	2,891	355	101	703
Acute myocardial infarction 410	771	557	52	19	142
Coronary atherosclerosis 414.0	895	674	45	26	151
Other ischemic heart disease 411-413,414.1-414.9	464	323	46	13	81
Cardiac dysrhythmias 427	585	428	42	12	101
Congestive heart failure 428.0	872	596	103	20	154
Cerebrovascular disease 430-438	926	655	100	24	146
Diseases of the respiratory system 460-519	3,329	2,151	509	103	566
Acute respiratory infections 460-466	384	216	71	17	80
Chronic disease of tonsils and adenoids 474	32	23	*	*	*
Pneumonia 480-486	1,246	829	171	33	212
Asthma 493	511	256	140	25	90
Diseases of the digestive system 520-579	3,031	2,065	312	97	556
Ulcers of the stomach and small intestine 531-534	212	141	24	9	37
Appendicitis 540-543	210	133	14	11	53
Inguinal hernia 550	66	43	*	*	16
Noninfectious enteritis and colitis 555-558	334	238	35	*8	53
Cholelithiasis 574	430	295	35	16	84
Diseases of the genitourinary system 580-629	1,768	1,188	199	54	328
Calculus of kidney and ureter 592	195	142	*6	*6	40
Hyperplasia of prostate 600	136	91	12	*	30
Complications of pregnancy, childbirth, and the puerperium ¹ 630-677	542	268	118	25	130
Abortions and ectopic and molar pregnancies 630-639	111	50	31	*6	23
Diseases of the skin and subcutaneous tissue 680-709	482	306	78	15	82
Cellulitis and abscess 681-682	350	224	55	11	60
Diseases of the musculoskeletal system and connective tissue 710-739	1,479	1,048	109	39	282
Arthropathies and related disorders 710-719	561	389	38	12	122
Intervertebral disc disorders 722	327	243	22	13	48
Congenital anomalies 740-759	159	103	13	*9	34
Certain conditions originating in the perinatal period 760-779	142	86	14	*6	36
Symptoms, signs, and ill-defined conditions 780-799	312	202	45	9	56
Injury and poisoning 800-999	2,591	1,678	336	101	476
Fractures, all sites 800-829	988	670	93	37	188
Fracture of neck of femur 820	301	225	15	*7	54
Intracranial injuries (excluding those with skull fracture) 850-854	156	96	19	10	31
Open wounds 870-897	141	81	35	*5	20
Supplementary classifications V01-V82	4,183	2,384	523	272	1,003
Females with deliveries V27	3,766	2,124	481	256	906

*Figure does not meet standard of reliability or precision.

¹First-listed diagnosis for females with deliveries is coded V27, shown under "Supplementary classifications."

Table 13. Rate of discharges from short-stay hospitals, by race and first-listed diagnosis: United States, 1995[Discharges of inpatients from non-Federal hospitals. Excludes newborn infants. Diagnostic groupings and code numbers are based on the *International Classification of Diseases, 9th Revision, Clinical Modification (ICD-9-CM)*]

Category of first-listed diagnosis and ICD-9-CM code	All races	White	Black	All other	Not stated
All conditions	1,175.3	919.2	1,182.2	955.9	...
Infectious and parasitic diseases 001-139	33.8	24.2	51.1	31.1	...
Septicemia 038	11.8	9.2	14.3	8.6	...
Neoplasms 140-239	68.9	56.9	59.5	63.5	...
Malignant neoplasms 140-208,230-234	54.1	45.6	40.7	45.6	...
Malignant neoplasm of large intestine and rectum 153-154,197.5	5.4	4.5	3.2	*	...
Malignant neoplasm of trachea, bronchus, and lung 162,176.4,197.0,197.3	7.6	6.5	6.4	*	...
Malignant neoplasm of breast 174-175,198.81	5.4	4.6	3.3	*	...
Benign neoplasms and neoplasms of uncertain behavior and unspecified nature 210-229,235-239	14.8	11.2	18.8	18.0	...
Endocrine, nutritional and metabolic diseases, and immunity disorders 240-279	48.9	35.6	68.7	35.1	...
Diabetes mellitus 250	18.9	12.2	34.6	14.7	...
Volume depletion 276.5	15.9	12.3	18.3	10.4	...
Diseases of the blood and blood-forming organs 280-289	13.0	8.5	27.5	*6.9	...
Mental disorders 290-319	76.8	58.4	90.7	37.4	...
Psychoses 290-299	46.1	36.5	48.5	23.0	...
Alcohol dependence syndrome 303	9.5	6.3	11.0	*	...
Diseases of the nervous system and sense organs 320-389	21.4	17.1	20.8	16.8	...
Diseases of the central nervous system 320-349	11.4	8.7	12.4	10.1	...
Diseases of the ear and mastoid process 380-389	3.2	2.4	3.1	*	...
Diseases of the circulatory system 390-459	223.0	189.5	177.6	128.0	...
Heart disease 391-392.0,393-398,402,404,410-416,420-429	154.9	133.2	108.0	88.3	...
Acute myocardial infarction 410	29.5	25.7	15.9	16.9	...
Coronary atherosclerosis 414.0	34.2	31.0	13.7	22.2	...
Other ischemic heart disease 411-413,414.1-414.9	17.7	14.9	14.1	11.5	...
Cardiac dysrhythmias 427	22.4	19.7	12.9	10.9	...
Congestive heart failure 428.0	33.4	27.4	31.2	17.2	...
Cerebrovascular disease 430-438	35.4	30.2	30.5	21.3	...
Diseases of the respiratory system 460-519	127.3	99.1	154.8	89.4	...
Acute respiratory infections 460-466	14.7	9.9	21.7	14.4	...
Chronic disease of tonsils and adenoids 474	1.2	1.1	*	*	...
Pneumonia 480-486	47.6	38.2	52.0	29.2	...
Asthma 493	19.5	11.8	42.7	21.4	...
Diseases of the digestive system 520-579	115.9	95.2	94.9	84.4	...
Ulcers of the stomach and small intestine 531-534	8.1	6.5	7.3	8.2	...
Appendicitis 540-543	8.0	6.1	4.1	9.5	...
Inguinal hernia 550	2.5	2.0	*	*	...
Noninfectious enteritis and colitis 555-558	12.8	11.0	10.6	*6.8	...
Cholelithiasis 574	16.5	13.6	10.6	13.6	...
Diseases of the genitourinary system 580-629	67.6	54.7	60.5	47.3	...
Calculus of kidney and ureter 592	7.4	6.6	*1.7	*5.5	...
Hyperplasia of prostate 600	5.2	4.2	3.6	*	...
Complications of pregnancy, childbirth, and the puerperium ¹ 630-677	20.7	12.4	35.9	22.2	...
Abortions and ectopic and molar pregnancies 630-639	4.2	2.3	9.5	*5.6	...
Diseases of the skin and subcutaneous tissue 680-709	18.4	14.1	23.7	13.3	...
Cellulitis and abscess 681-682	13.4	10.3	16.6	9.3	...
Diseases of the musculoskeletal system and connective tissue 710-739	56.6	48.3	33.2	34.0	...
Arthropathies and related disorders 710-719	21.5	17.9	11.4	10.6	...
Intervertebral disc disorders 722	12.5	11.2	6.7	11.3	...
Congenital anomalies 740-759	6.1	4.7	4.1	*7.7	...
Certain conditions originating in the perinatal period 760-779	5.4	4.0	4.1	*5.1	...
Symptoms, signs, and ill-defined conditions 780-799	12.0	9.3	13.6	8.2	...
Injury and poisoning 800-999	99.1	77.3	102.2	88.3	...
Fractures, all sites 800-829	37.8	30.8	28.3	32.2	...
Fracture of neck of femur 820	11.5	10.4	4.6	*5.9	...
Intracranial injuries (excluding those with skull fracture) 850-854	6.0	4.4	5.8	8.4	...
Open wounds 870-897	5.4	3.7	10.6	*4.6	...
Supplementary classifications V01-V82	160.0	109.8	159.1	237.0	...
Females with deliveries V27	144.1	97.8	146.1	223.2	...

... Category not applicable.

*Figure does not meet standard of reliability or precision.

¹First-listed diagnosis for females with deliveries is coded V27, shown under "Supplementary classifications."

NOTE: Rates for race categories may be underestimated because race was not reported for all discharges.

Table 14. Average length of stay for discharges from short-stay hospitals, by race and first-listed diagnosis: United States, 1995[Discharges of inpatients from non-Federal hospitals. Excludes newborn infants. Diagnostic groupings and code numbers are based on the *International Classification of Diseases, 9th Revision, Clinical Modification (ICD-9-CM)*]

Category of first-listed diagnosis and ICD-9-CM code	All races	White	Black	All other	Not stated
	Average length of stay in days				
All conditions	5.4	5.4	5.8	5.2	5.0
Infectious and parasitic diseases 001-139	6.9	6.6	8.8	6.4	5.9
Septicemia 038	8.7	8.8	9.5	7.0	7.9
Neoplasms 140-239	6.6	6.5	7.5	7.2	6.1
Malignant neoplasms 140-208,230-234	7.3	7.1	9.1	8.4	6.8
Malignant neoplasm of large intestine and rectum 153-154,197.5	10.5	10.5	11.5	*	10.5
Malignant neoplasm of trachea, bronchus, and lung 162,176.4,197.0,197.3	7.3	7.0	10.3	*	6.3
Malignant neoplasm of breast 174-175,198.81	3.5	3.4	5.1	*	3.2
Benign neoplasms and neoplasms of uncertain behavior and unspecified nature 210-229,235-239	3.9	3.9	4.1	4.0	3.7
Endocrine, nutritional and metabolic diseases, and immunity disorders 240-279	5.3	5.4	5.7	5.5	4.7
Diabetes mellitus 250	6.2	6.4	6.3	6.7	5.6
Volume depletion 276.5	4.8	4.9	5.1	5.2	4.0
Diseases of the blood and blood-forming organs 280-289	4.9	4.9	5.1	*4.5	5.0
Mental disorders 290-319	8.9	8.9	9.2	8.6	8.8
Psychoses 290-299	10.3	10.5	11.4	10.0	9.2
Alcohol dependence syndrome 303	7.2	5.9	6.9	*	10.1
Diseases of the nervous system and sense organs 320-389	5.1	5.0	6.4	5.7	4.7
Diseases of the central nervous system 320-349	6.9	6.9	8.4	7.8	5.9
Diseases of the ear and mastoid process 380-389	2.9	3.0	3.7	*	2.3
Diseases of the circulatory system 390-459	5.8	5.8	6.1	7.1	5.5
Heart disease 391-392.0,393-398,402,404,410-416,420-429	5.5	5.6	5.8	5.9	5.1
Acute myocardial infarction 410	6.6	6.7	6.8	7.9	6.1
Coronary atherosclerosis 414.0	4.8	4.8	5.5	5.8	4.8
Other ischemic heart disease 411-413,414.1-414.9	3.8	3.9	3.7	4.1	3.3
Cardiac dysrhythmias 427	4.2	4.3	4.6	3.9	3.5
Congestive heart failure 428.0	6.4	6.5	6.4	6.3	5.7
Cerebrovascular disease 430-438	6.8	6.5	8.0	11.7	6.5
Diseases of the respiratory system 460-519	6.0	6.1	5.5	7.3	5.7
Acute respiratory infections 460-466	3.5	3.5	3.7	3.5	3.4
Chronic disease of tonsils and adenoids 474	1.3	1.2	*	*	*
Pneumonia 480-486	6.7	6.7	6.6	8.3	6.4
Asthma 493	3.7	3.9	3.7	3.7	3.3
Diseases of the digestive system 520-579	5.2	5.2	6.3	4.7	4.9
Ulcers of the stomach and small intestine 531-534	6.1	6.4	6.4	4.3	5.3
Appendicitis 540-543	3.8	3.5	6.2	4.5	3.8
Inguinal hernia 550	2.5	2.3	*	*	2.7
Noninfectious enteritis and colitis 555-558	4.4	4.5	3.9	*4.4	4.2
Cholelithiasis 574	4.2	4.2	5.0	3.3	3.9
Diseases of the genitourinary system 580-629	4.1	4.0	5.0	4.2	3.7
Calculus of kidney and ureter 592	2.3	2.2	*2.5	*2.7	2.4
Hyperplasia of prostate 600	3.1	3.1	3.6	*	2.9
Complications of pregnancy, childbirth, and the puerperium ¹ 630-677	2.5	2.4	3.0	2.5	2.2
Abortions and ectopic and molar pregnancies 630-639	1.8	1.6	1.8	*2.1	1.9
Diseases of the skin and subcutaneous tissue 680-709	6.7	6.6	6.9	6.2	6.7
Cellulitis and abscess 681-682	6.1	6.2	6.1	5.7	5.7
Diseases of the musculoskeletal system and connective tissue 710-739	4.9	5.0	5.7	5.3	4.5
Arthropathies and related disorders 710-719	5.6	5.8	5.7	5.3	5.0
Intervertebral disc disorders 722	3.3	3.3	3.9	4.2	3.0
Congenital anomalies 740-759	6.3	5.9	8.2	*6.4	6.7
Certain conditions originating in the perinatal period 760-779	9.6	9.2	17.3	*6.3	8.0
Symptoms, signs, and ill-defined conditions 780-799	2.9	3.1	2.4	2.4	2.8
Injury and poisoning 800-999	5.6	5.7	6.0	6.7	5.0
Fractures, all sites 800-829	6.3	6.5	6.7	6.0	5.5
Fracture of neck of femur 820	8.4	8.5	8.6	*10.4	7.6
Intracranial injuries (excluding those with skull fracture) 850-854	6.4	6.7	4.5	14.6	3.8
Open wounds 870-897	3.5	3.5	3.5	*3.6	3.2
Supplementary classifications V01-V82	2.7	2.7	2.7	2.3	2.8
Females with deliveries V27	2.1	2.1	2.4	2.0	2.1

*Figure does not meet standard of reliability or precision.

¹First-listed diagnosis for females with deliveries is coded V27, shown under "Supplementary classifications."

Table 15. Number of discharges from short-stay hospitals, by geographic region and first-listed diagnosis: United States, 1995[Discharges of inpatients from non-Federal hospitals. Excludes newborn infants. Diagnostic groupings and code numbers are based on the *International Classification of Diseases, 9th Revision, Clinical Modification (ICD-9-CM)*]

Category of first-listed diagnosis and ICD-9-CM code	United States	North-east	Midwest	South	West
	Number in thousands				
All conditions	30,722	7,051	6,994	11,373	5,303
Infectious and parasitic diseases 001-139	885	212	169	348	156
Septicemia 038	308	61	65	132	50
Neoplasms 140-239	1,802	454	343	670	336
Malignant neoplasms 140-208,230-234	1,414	356	268	529	261
Malignant neoplasm of large intestine and rectum 153-154,197.5	140	40	38	40	22
Malignant neoplasm of trachea, bronchus, and lung 162,176.4,197.0,197.3	199	51	38	81	28
Malignant neoplasm of breast 174-175,198.81	140	37	27	48	28
Benign neoplasms and neoplasms of uncertain behavior and unspecified nature 210-229,235-239	388	98	74	140	75
Endocrine, nutritional and metabolic diseases, and immunity disorders 240-279	1,278	283	293	495	207
Diabetes mellitus 250	493	107	104	201	80
Volume depletion 276.5	416	90	104	163	59
Diseases of the blood and blood-forming organs 280-289	339	80	80	131	49
Mental disorders 290-319	2,009	659	516	652	182
Psychoses 290-299	1,206	390	315	392	109
Alcohol dependence syndrome 303	247	68	74	87	18
Diseases of the nervous system and sense organs 320-389	561	161	116	200	84
Diseases of the central nervous system 320-349	297	62	72	112	51
Diseases of the ear and mastoid process 380-389	84	24	22	25	13
Diseases of the circulatory system 390-459	5,830	1,384	1,380	2,156	911
Heart disease 391-392,393-398,402,404,410-416,420-429	4,050	980	958	1,466	647
Acute myocardial infarction 410	771	188	175	268	140
Coronary atherosclerosis 414.0	895	203	195	335	163
Other ischemic heart disease 411-413,414.1-414.9	464	115	127	159	63
Cardiac dysrhythmias 427	585	148	131	205	101
Congestive heart failure 428.0	872	212	224	329	107
Cerebrovascular disease 430-438	926	205	229	358	134
Diseases of the respiratory system 460-519	3,329	715	816	1,315	483
Acute respiratory infections 460-466	384	77	102	146	59
Chronic disease of tonsils and adenoids 474	32	21	*	*	*
Pneumonia 480-486	1,246	236	314	518	177
Asthma 493	511	141	135	157	79
Diseases of the digestive system 520-579	3,031	677	678	1,166	509
Ulcers of the stomach and small intestine 531-534	212	43	52	78	39
Appendicitis 540-543	210	40	46	73	51
Inguinal hernia 550	66	28	12	19	*8
Noninfectious enteritis and colitis 555-558	334	69	75	141	49
Cholelithiasis 574	430	101	95	157	77
Diseases of the genitourinary system 580-629	1,768	373	388	727	281
Calculus of kidney and ureter 592	195	43	50	74	28
Hyperplasia of prostate 600	136	31	33	48	23
Complications of pregnancy, childbirth, and the puerperium ¹ 630-677	542	115	104	215	107
Abortions and ectopic and molar pregnancies 630-639	111	38	15	42	16
Diseases of the skin and subcutaneous tissue 680-709	482	118	119	170	74
Cellulitis and abscess 681-682	350	86	88	120	55
Diseases of the musculoskeletal system and connective tissue 710-739	1,479	333	322	547	277
Arthropathies and related disorders 710-719	561	136	131	182	112
Intervertebral disc disorders 722	327	62	67	140	58
Congenital anomalies 740-759	159	56	28	37	38
Certain conditions originating in the perinatal period 760-779	142	23	41	41	37
Symptoms, signs, and ill-defined conditions 780-799	312	66	61	144	41
Injury and poisoning 800-999	2,591	593	577	911	510
Fractures, all sites 800-829	988	212	235	350	190
Fracture of neck of femur 820	301	63	77	106	55
Intracranial injuries (excluding those with skull fracture) 850-854	156	40	39	44	33
Open wounds 870-897	141	30	25	56	30
Supplementary classifications V01-V82	4,183	748	964	1,449	1,022
Females with deliveries V27	3,766	633	821	1,359	953

*Figure does not meet standard of reliability or precision.

¹First-listed diagnosis for females with deliveries is coded V27, shown under "Supplementary classifications."

Table 16. Rate of discharges from short-stay hospitals by geographic region and first-listed diagnosis: United States, 1995[Discharges of inpatients from non-Federal hospitals. Excludes newborn infants. Diagnostic groupings and code numbers are based on the *International Classification of Diseases, 9th Revision, Clinical Modification (ICD-9-CM)*]

Category of first-listed diagnosis and ICD-9-CM code	United States	Northeast	Midwest	South	West
All conditions	1,175.3	1,372.0	1,133.6	1,247.9	927.6
Infectious and parasitic diseases 001-139	33.8	41.2	27.4	38.2	27.3
Septicemia 038	11.8	11.8	10.6	14.5	8.7
Neoplasms 140-239	68.9	88.4	55.5	73.5	58.7
Malignant neoplasms 140-208,230-234	54.1	69.2	43.5	58.1	45.6
Malignant neoplasm of large intestine and rectum 153-154,197.5	5.4	7.8	6.2	4.4	3.8
Malignant neoplasm of trachea, bronchus, and lung 162,176.4,197.0,197.3	7.6	10.0	6.1	8.9	5.0
Malignant neoplasm of breast 174-175,198.81	5.4	7.2	4.4	5.2	4.9
Benign neoplasms and neoplasms of uncertain behavior and unspecified nature 210-229,235-239	14.8	19.1	12.0	15.4	13.1
Endocrine, nutritional and metabolic diseases, and immunity disorders 240-279	48.9	55.2	47.5	54.3	36.2
Diabetes mellitus 250	18.9	20.9	16.9	22.1	14.0
Volume depletion 276.5	15.9	17.5	16.8	17.9	10.3
Diseases of the blood and blood-forming organs 280-289	13.0	15.5	12.9	14.3	8.5
Mental disorders 290-319	76.8	128.3	83.6	71.6	31.8
Psychoses 290-299	46.1	76.0	51.0	43.0	19.1
Alcohol dependence syndrome 303	9.5	13.3	12.1	9.5	3.1
Diseases of the nervous system and sense organs 320-389	21.4	31.4	18.8	21.9	14.6
Diseases of the central nervous system 320-349	11.4	12.1	11.6	12.3	8.9
Diseases of the ear and mastoid process 380-389	3.2	4.7	3.6	2.7	2.4
Diseases of the circulatory system 390-459	223.0	269.2	223.6	236.6	159.4
Heart disease 391-392.0,393-398,402,404,410-416,420-429	154.9	190.6	155.2	160.8	113.1
Acute myocardial infarction 410	29.5	36.6	28.3	29.4	24.5
Coronary atherosclerosis 414.0	34.2	39.5	31.5	36.7	28.5
Other ischemic heart disease 411-413,414.1-414.9	17.7	22.3	20.6	17.4	11.0
Cardiac dysrhythmias 427	22.4	28.7	21.2	22.5	17.7
Congestive heart failure 428.0	33.4	41.3	36.4	36.0	18.7
Cerebrovascular disease 430-438	35.4	40.0	37.1	39.3	23.4
Diseases of the respiratory system 460-519	127.3	139.1	132.3	144.3	84.4
Acute respiratory infections 460-466	14.7	15.1	16.5	16.0	10.3
Chronic disease of tonsils and adenoids 474	1.2	4.0	*	*	*
Pneumonia 480-486	47.6	46.0	50.9	56.8	31.0
Asthma 493	19.5	27.4	21.8	17.2	13.8
Diseases of the digestive system 520-579	115.9	131.8	109.9	127.9	89.0
Ulcers of the stomach and small intestine 531-534	8.1	8.4	8.4	8.5	6.8
Appendicitis 540-543	8.0	7.7	7.5	8.1	8.9
Inguinal hernia 550	2.5	5.4	1.9	2.0	*1.4
Noninfectious enteritis and colitis 555-558	12.8	13.4	12.1	15.5	8.6
Cholelithiasis 574	16.5	19.7	15.4	17.2	13.5
Diseases of the genitourinary system 580-629	67.6	72.6	62.9	79.7	49.1
Calculus of kidney and ureter 592	7.4	8.3	8.1	8.1	4.9
Hyperplasia of prostate 600	5.2	6.1	5.3	5.3	4.0
Complications of pregnancy, childbirth, and the puerperium ¹ 630-677	20.7	22.4	16.9	23.6	18.8
Abortions and ectopic and molar pregnancies 630-639	4.2	7.4	2.5	4.6	2.8
Diseases of the skin and subcutaneous tissue 680-709	18.4	23.0	19.3	18.7	12.9
Cellulitis and abscess 681-682	13.4	16.8	14.3	13.2	9.7
Diseases of the musculoskeletal system and connective tissue 710-739	56.6	64.7	52.2	60.1	48.5
Arthropathies and related disorders 710-719	21.5	26.4	21.3	20.0	19.6
Intervertebral disc disorders 722	12.5	12.1	10.8	15.3	10.2
Congenital anomalies 740-759	6.1	10.9	4.5	4.1	6.7
Certain conditions originating in the perinatal period 760-779	5.4	4.6	6.6	4.5	6.5
Symptoms, signs, and ill-defined conditions 780-799	12.0	12.9	9.9	15.8	7.1
Injury and poisoning 800-999	99.1	115.3	93.6	99.9	89.3
Fractures, all sites 800-829	37.8	41.3	38.1	38.4	33.3
Fracture of neck of femur 820	11.5	12.2	12.4	11.7	9.6
Intracranial injuries (excluding those with skull fracture) 850-854	6.0	7.8	6.4	4.8	5.7
Open wounds 870-897	5.4	5.9	4.0	6.1	5.3
Supplementary classifications V01-V82	160.0	145.6	156.2	158.9	178.8
Females with deliveries V27	144.1	123.1	133.1	149.1	166.8

*Figure does not meet standard of reliability or precision.

¹First-listed diagnosis for females with deliveries is coded V27, shown under "Supplementary classifications."

Table 17. Average length of stay for discharges from short-stay hospitals, by geographic region and first-listed diagnosis: United States, 1995[Discharges of inpatients from non-Federal hospitals. Excludes newborn infants. Diagnostic groupings and code numbers are based on the *International Classification of Diseases, 9th Revision, Clinical Modification (ICD-9-CM)*]

Category of first-listed diagnosis and ICD-9-CM code	United States	Northeast	Midwest	South	West
	Average length of stay in days				
All conditions	5.4	6.3	5.2	5.3	4.5
Infectious and parasitic diseases 001-139	6.9	8.4	6.1	6.9	5.6
Septicemia 038	8.7	10.6	8.2	9.1	6.0
Neoplasms 140-239	6.6	7.6	6.6	6.2	5.8
Malignant neoplasms 140-208,230-234	7.3	8.6	7.3	6.8	6.4
Malignant neoplasm of large intestine and rectum 153-154,197.5	10.5	12.7	9.4	10.5	8.1
Malignant neoplasm of trachea, bronchus, and lung 162,176.4,197.0,197.3	7.3	9.2	7.2	6.7	6.1
Malignant neoplasm of breast 174-175,198.81	3.5	3.6	3.9	3.7	2.6
Benign neoplasms and neoplasms of uncertain behavior and unspecified nature 210-229,235-239	3.9	3.9	4.2	3.9	3.7
Endocrine, nutritional and metabolic diseases, and immunity disorders 240-279	5.3	6.5	4.7	5.3	4.7
Diabetes mellitus 250	6.2	8.1	5.0	6.0	5.9
Volume depletion 276.5	4.8	5.7	4.4	4.7	4.3
Diseases of the blood and blood-forming organs 280-289	4.9	5.9	4.5	4.9	4.3
Mental disorders 290-319	8.9	10.0	8.6	8.6	6.8
Psychoses 290-299	10.3	12.3	9.3	9.8	8.0
Alcohol dependence syndrome 303	7.2	6.5	8.5	7.0	6.2
Diseases of the nervous system and sense organs 320-389	5.1	4.5	5.2	5.4	5.5
Diseases of the central nervous system 320-349	6.9	7.3	6.3	7.3	6.7
Diseases of the ear and mastoid process 380-389	2.9	3.3	2.8	2.7	2.8
Diseases of the circulatory system 390-459	5.8	6.6	5.5	5.7	5.1
Heart disease 391-392.0,393-398,402,404,410-416,420-429	5.5	6.3	5.2	5.5	4.7
Acute myocardial infarction 410	6.6	7.5	6.3	6.7	6.0
Coronary atherosclerosis 414.0	4.8	5.2	5.3	4.8	4.0
Other ischemic heart disease 411-413,414.1-414.9	3.8	4.7	3.0	4.0	3.2
Cardiac dysrhythmias 427	4.2	5.0	4.1	4.0	3.5
Congestive heart failure 428.0	6.4	7.6	5.8	6.3	5.2
Cerebrovascular disease 430-438	6.8	7.9	6.1	6.5	7.1
Diseases of the respiratory system 460-519	6.0	7.0	5.4	5.9	5.7
Acute respiratory infections 460-466	3.5	4.0	3.2	3.5	3.4
Chronic disease of tonsils and adenoids 474	1.3	1.3	*	*	*
Pneumonia 480-486	6.7	8.4	6.2	6.4	6.2
Asthma 493	3.7	4.2	3.2	4.2	3.0
Diseases of the digestive system 520-579	5.2	5.8	5.0	5.3	4.5
Ulcers of the stomach and small intestine 531-534	6.1	7.3	5.5	6.1	5.6
Appendicitis 540-543	3.8	5.1	3.8	3.5	3.3
Inguinal hernia 550	2.5	2.2	3.4	2.4	*2.3
Noninfectious enteritis and colitis 555-558	4.4	4.8	4.8	4.0	4.3
Cholelithiasis 574	4.2	4.8	4.1	4.3	3.3
Diseases of the genitourinary system 580-629	4.1	4.7	3.8	4.0	3.5
Calculus of kidney and ureter 592	2.3	2.7	2.3	2.1	2.1
Hyperplasia of prostate 600	3.1	3.5	2.8	3.3	2.4
Complications of pregnancy, childbirth, and the puerperium ¹ 630-677	2.5	2.7	2.6	2.4	2.3
Abortions and ectopic and molar pregnancies 630-639	1.8	1.7	2.1	1.7	1.8
Diseases of the skin and subcutaneous tissue 680-709	6.7	7.4	6.8	6.5	5.6
Cellulitis and abscess 681-682	6.1	7.6	6.0	5.5	5.2
Diseases of the musculoskeletal system and connective tissue 710-739	4.9	5.4	4.5	5.0	4.8
Arthropathies and related disorders 710-719	5.6	5.5	4.9	6.0	5.7
Intervertebral disc disorders 722	3.3	4.0	3.1	3.1	3.4
Congenital anomalies 740-759	6.3	6.4	6.6	5.4	6.6
Certain conditions originating in the perinatal period 760-779	9.6	8.6	9.9	9.1	10.4
Symptoms, signs, and ill-defined conditions 780-799	2.9	3.4	2.5	3.1	2.2
Injury and poisoning 800-999	5.6	6.2	5.3	5.7	5.2
Fractures, all sites 800-829	6.3	6.8	5.8	6.7	5.7
Fracture of neck of femur 820	8.4	9.5	7.3	8.8	7.8
Intracranial injuries (excluding those with skull fracture) 850-854	6.4	7.3	6.4	4.7	7.4
Open wounds 870-897	3.5	3.9	3.5	3.4	3.1
Supplementary classifications V01-V82	2.7	3.2	3.3	2.4	2.2
Females with deliveries V27	2.1	2.4	2.1	2.2	1.9

*Figure does not meet standard of reliability or precision.

¹First-listed diagnosis for females with deliveries is coded V27, shown under "Supplementary classifications."

Table 18. Number of all-listed diagnoses for discharges from short-stay hospitals, by age and diagnosis: United States, 1995[Discharges of inpatients from non-Federal hospitals. Excludes newborn infants. Diagnostic groupings and code numbers are based on the *International Classification of Diseases, 9th Revision, Clinical Modification (ICD-9-CM)*]

All-listed diagnosis and ICD-9-CM code	All ages	Under 15 years	15-44 years	45-64 years	65 years and over
	Number in thousands				
All conditions	118,255	6,100	32,357	24,198	55,600
Infectious and parasitic diseases 001-139	3,473	537	985	603	1,348
Septicemia 038	588	40	72	116	360
Neoplasms 140-239	4,356	96	682	1,331	2,248
Malignant neoplasms 140-208,230-234	3,472	80	344	1,056	1,992
Malignant neoplasm of large intestine and rectum 153-154,197.5	213	*	9	48	155
Malignant neoplasm of trachea, bronchus, and lung 162,176.4,197.0,197.3	489	*	35	165	286
Malignant neoplasm of breast 174-175,198.81	218	...	33	84	102
Benign neoplasms and neoplasms of uncertain behavior and unspecified nature 210-229,235-239	884	16	338	275	255
Endocrine, nutritional and metabolic diseases, and immunity disorders 240-279	11,960	487	1,680	3,098	6,695
Diabetes mellitus 250	3,952	26	417	1,227	2,282
Volume depletion 276.5	1,721	291	285	236	909
Diseases of the blood and blood-forming organs 280-289	3,874	194	951	807	1,922
Mental disorders 290-319	7,279	269	3,548	1,520	1,942
Psychoses 290-299	2,545	53	950	443	1,099
Alcohol dependence syndrome 303	846	*	478	272	92
Diseases of the nervous system and sense organs 320-389	3,391	463	547	631	1,750
Diseases of the central nervous system 320-349	1,841	137	331	331	1,043
Diseases of the ear and mastoid process 380-389	476	266	49	44	117
Diseases of the circulatory system 390-459	25,390	97	1,503	5,901	17,889
Heart disease 391-392.0,393-398,402,404,410-416,420-429	15,867	63	786	3,480	11,537
Acute myocardial infarction 410	858	*	46	274	537
Coronary atherosclerosis 414.0	3,450	*	108	906	2,435
Other ischemic heart disease 411-413,414.1-414.9	2,484	*	121	726	1,636
Cardiac dysrhythmias 427	3,145	24	170	511	2,440
Congestive heart failure 428.0	2,639	13	79	402	2,145
Cerebrovascular disease 430-438	1,885	*8	65	354	1,458
Diseases of the respiratory system 460-519	9,338	1,248	1,290	1,843	4,958
Acute respiratory infections 460-466	820	369	157	106	188
Chronic disease of tonsils and adenoids 474	47	35	10	*	*
Pneumonia 480-486	1,922	317	255	288	1,062
Asthma 493	1,176	324	342	239	271
Diseases of the digestive system 520-579	8,228	445	1,787	2,080	3,916
Ulcers of the stomach and small intestine 531-534	550	*	84	145	318
Appendicitis 540-543	241	53	139	32	17
Inguinal hernia 550	104	12	14	23	55
Noninfectious enteritis and colitis 555-558	771	165	193	151	262
Cholelithiasis 574	721	*	197	198	322
Diseases of the genitourinary system 580-629	6,715	148	2,030	1,453	3,083
Calculus of kidney and ureter 592	270	*	112	97	58
Hyperplasia of prostate 600	350	*	*	62	286
Complications of pregnancy, childbirth, and the puerperium 630-677	7,858	21	7,831	*6	...
Abortions and ectopic and molar pregnancies 630-639	124	*	122	*	...
Diseases of the skin and subcutaneous tissue 680-709	1,503	118	317	361	707
Cellulitis and abscess 681-682	672	41	162	178	291
Diseases of the musculoskeletal system and connective tissue 710-739	4,374	65	797	1,050	2,462
Arthropathies and related disorders 710-719	1,940	22	248	416	1,254
Intervertebral disc disorders 722	448	*	183	158	107
Congenital anomalies 740-759	577	340	115	63	60
Certain conditions originating in the perinatal period 760-779	389	382	*	*	*
Symptoms, signs, and ill-defined conditions 780-799	5,673	492	1,317	1,373	2,490
Injury and poisoning 800-999	5,965	454	2,169	1,174	2,168
Fractures, all sites 800-829	1,550	102	505	242	701
Fracture of neck of femur 820	337	*	9	22	304
Intracranial injuries (excluding those with skull fracture) 850-854	221	34	102	31	53
Open wounds 870-897	478	41	287	66	84
Supplementary classifications V01-V82	7,913	245	4,804	902	1,961
Females with deliveries V27	3,766	12	3,752	*	...

*Figure does not meet standard of reliability or precision.

... Category not applicable.

Table 19. Number of all-listed diagnoses for discharges from short-stay hospitals, by sex and diagnosis: United States, 1995[Discharges of inpatients from non-Federal hospitals. Excludes newborn infants. Diagnostic groupings and code numbers are based on the *International Classification of Diseases, 9th Revision, Clinical Modification (ICD-9-CM)*]

All-listed diagnosis and ICD-9-CM code	Both sexes	Number in thousands	
		Male	Female
All conditions	118,255	47,703	70,552
Infectious and parasitic diseases 001-139	3,473	1,585	1,887
Septicemia 038	588	275	312
Neoplasms 140-239	4,356	1,829	2,527
Malignant neoplasms 140-208,230-234	3,472	1,647	1,825
Malignant neoplasm of large intestine and rectum 153-154,197.5	213	104	108
Malignant neoplasm of trachea, bronchus, and lung 162,176.4,197.0,197.3	489	262	227
Malignant neoplasm of breast 174-175,198.81	218	*	217
Benign neoplasms and neoplasms of uncertain behavior and unspecified nature 210-229,235-239	884	182	702
Endocrine, nutritional and metabolic diseases, and immunity disorders 240-279	11,960	4,834	7,126
Diabetes mellitus 250	3,952	1,742	2,210
Volume depletion 276.5	1,721	711	1,010
Diseases of the blood and blood-forming organs 280-289	3,874	1,535	2,338
Mental disorders 290-319	7,279	3,623	3,656
Psychoses 290-299	2,545	1,112	1,433
Alcohol dependence syndrome 303	846	615	232
Diseases of the nervous system and sense organs 320-389	3,391	1,571	1,820
Diseases of the central nervous system 320-349	1,841	828	1,014
Diseases of the ear and mastoid process 380-389	476	241	234
Diseases of the circulatory system 390-459	25,390	12,238	13,152
Heart disease 391-392.0,393-398,402,404,410-416,420-429	15,867	7,973	7,893
Acute myocardial infarction 410	858	517	341
Coronary atherosclerosis 414.0	3,450	1,931	1,519
Other ischemic heart disease 411-413,414.1-414.9	2,484	1,384	1,100
Cardiac dysrhythmias 427	3,145	1,546	1,599
Congestive heart failure 428.0	2,639	1,114	1,525
Cerebrovascular disease 430-438	1,885	885	1,000
Diseases of the respiratory system 460-519	9,338	4,501	4,837
Acute respiratory infections 460-466	820	393	428
Chronic disease of tonsils and adenoids 474	47	27	20
Pneumonia 480-486	1,922	957	965
Asthma 493	1,176	444	732
Diseases of the digestive system 520-579	8,228	3,520	4,708
Ulcers of the stomach and small intestine 531-534	550	262	288
Appendicitis 540-543	241	138	103
Inguinal hernia 550	104	93	10
Noninfectious enteritis and colitis 555-558	771	314	457
Cholelithiasis 574	721	227	494
Diseases of the genitourinary system 580-629	6,715	2,247	4,468
Calculus of kidney and ureter 592	270	167	103
Hyperplasia of prostate 600	350	350	...
Complications of pregnancy, childbirth, and the puerperium 630-677	7,858	...	7,858
Abortions and ectopic and molar pregnancies 630-639	124	...	124
Diseases of the skin and subcutaneous tissue 680-709	1,503	702	801
Cellulitis and abscess 681-682	672	335	338
Diseases of the musculoskeletal system and connective tissue 710-739	4,374	1,617	2,758
Arthropathies and related disorders 710-719	1,940	635	1,304
Intervertebral disc disorders 722	448	244	205
Congenital anomalies 740-759	577	289	288
Certain conditions originating in the perinatal period 760-779	389	239	150
Symptoms, signs, and ill-defined conditions 780-799	5,673	2,578	3,095
Injury and poisoning 800-999	5,965	3,081	2,884
Fractures, all sites 800-829	1,550	738	812
Fracture of neck of femur 820	337	91	247
Intracranial injuries (excluding those with skull fracture) 850-854	221	134	87
Open wounds 870-897	478	326	152
Supplementary classifications V01-V82	7,913	1,714	6,198
Females with deliveries V27	3,766	...	3,766

*Figure does not meet standard of reliability or precision.

... Category not applicable.

Table 20. Number of all-listed diagnoses for discharges from short-stay hospitals, by race and diagnosis: United States, 1995[Discharges of inpatients from non-Federal hospitals. Excludes newborn infants. Diagnostic groupings and code numbers are based on the *International Classification of Diseases, 9th Revision, Clinical Modification (ICD-9-CM)*]

All-listed diagnosis and ICD-9-CM code	All races	White	Black	All other	Not stated
	Number in thousands				
All conditions	118,255	77,692	14,455	3,829	22,279
Infectious and parasitic diseases 001-139	3,473	2,091	620	122	638
Septicemia 038	588	368	98	20	102
Neoplasms 140-239	4,356	3,003	467	147	740
Malignant neoplasms 140-208,230-234	3,472	2,428	335	112	596
Malignant neoplasm of large intestine and rectum 153-154,197.5	213	144	17	*7	44
Malignant neoplasm of trachea, bronchus, and lung 162,176.4,197.0,197.3	489	348	48	14	80
Malignant neoplasm of breast 174-175,198.81	218	160	17	*5	36
Benign neoplasms and neoplasms of uncertain behavior and unspecified nature 210-229,235-239	884	574	131	35	144
Endocrine, nutritional and metabolic diseases, and immunity disorders 240-279	11,960	7,810	1,591	351	2,208
Diabetes mellitus 250	3,952	2,457	613	137	745
Volume depletion 276.5	1,721	1,120	228	51	321
Diseases of the blood and blood-forming organs 280-289	3,874	2,404	640	139	691
Mental disorders 290-319	7,279	4,561	1,074	155	1,489
Psychoses 290-299	2,545	1,680	329	53	483
Alcohol dependence syndrome 303	846	461	158	16	210
Diseases of the nervous system and sense organs 320-389	3,391	2,243	407	99	642
Diseases of the central nervous system 320-349	1,841	1,227	223	55	336
Diseases of the ear and mastoid process 380-389	476	286	72	18	99
Diseases of the circulatory system 390-459	25,390	17,895	2,504	605	4,386
Heart disease 391-392.0,393-398,402,404,410-416,420-429	15,867	11,462	1,291	355	2,759
Acute myocardial infarction 410	858	620	58	22	158
Coronary atherosclerosis 414.0	3,450	2,557	213	76	605
Other ischemic heart disease 411-413,414.1-414.9	2,484	1,846	164	60	415
Cardiac dysrhythmias 427	3,145	2,290	233	65	557
Congestive heart failure 428.0	2,639	1,816	266	63	495
Cerebrovascular disease 430-438	1,885	1,334	196	48	307
Diseases of the respiratory system 460-519	9,338	6,265	1,175	268	1,631
Acute respiratory infections 460-466	820	495	136	29	160
Chronic disease of tonsils and adenoids 474	47	34	*6	*	*7
Pneumonia 480-486	1,922	1,257	275	58	333
Asthma 493	1,176	649	255	49	222
Diseases of the digestive system 520-579	8,228	5,631	874	240	1,482
Ulcers of the stomach and small intestine 531-534	550	367	67	20	95
Appendicitis 540-543	241	151	17	13	60
Inguinal hernia 550	104	70	*8	*	23
Noninfectious enteritis and colitis 555-558	771	528	87	21	135
Cholelithiasis 574	721	487	63	25	146
Diseases of the genitourinary system 580-629	6,715	4,440	823	214	1,238
Calculus of kidney and ureter 592	270	199	*8	*8	55
Hyperplasia of prostate 600	350	246	28	*7	69
Complications of pregnancy, childbirth, and the puerperium 630-677	7,858	4,358	1,138	511	1,851
Abortions and ectopic and molar pregnancies 630-639	124	57	34	*7	26
Diseases of the skin and subcutaneous tissue 680-709	1,503	943	241	48	271
Cellulitis and abscess 681-682	672	428	100	19	124
Diseases of the musculoskeletal system and connective tissue 710-739	4,374	3,108	351	88	827
Arthropathies and related disorders 710-719	1,940	1,343	173	37	387
Intervertebral disc disorders 722	448	335	31	16	66
Congenital anomalies 740-759	577	376	59	24	119
Certain conditions originating in the perinatal period 760-779	389	217	52	18	103
Symptoms, signs, and ill-defined conditions 780-799	5,673	3,600	762	185	1,126
Injury and poisoning 800-999	5,965	3,867	738	225	1,136
Fractures, all sites 800-829	1,550	1,038	151	58	304
Fracture of neck of femur 820	337	253	17	*7	60
Intracranial injuries (excluding those with skull fracture) 850-854	221	141	25	12	42
Open wounds 870-897	478	281	96	16	86
Supplementary classifications V01-V82	7,913	4,879	940	393	1,701
Females with deliveries V27	3,766	2,124	481	256	906

*Figure does not meet standard of reliability or precision.

Table 21. Number of all-listed diagnoses for discharges from short-stay hospitals, by geographic region and diagnosis: United States, 1995[Discharges of inpatients from non-Federal hospitals. Excludes newborn infants. Diagnostic groupings and code numbers are based on the *International Classification of Diseases, 9th Revision, Clinical Modification (ICD-9-CM)*]

All-listed diagnosis and ICD-9-CM code	United States	Northeast	Midwest	South	West
All conditions	118,255	27,146	28,479	42,352	20,278
Infectious and parasitic diseases 001-139	3,473	818	760	1,286	609
Septicemia 038	588	132	120	235	100
Neoplasms 140-239	4,356	1,088	960	1,563	744
Malignant neoplasms 140-208,230-234	3,472	877	761	1,248	587
Malignant neoplasm of large intestine and rectum 153-154,197.5	213	57	61	63	33
Malignant neoplasm of trachea, bronchus, and lung 162,176.4,197.0,197.3	489	118	108	190	73
Malignant neoplasm of breast 174-175,198.81	218	57	44	81	36
Benign neoplasms and neoplasms of uncertain behavior and unspecified nature 210-229,235-239	884	211	200	316	157
Endocrine, nutritional and metabolic diseases, and immunity disorders 240-279	11,960	2,666	3,024	4,382	1,888
Diabetes mellitus 250	3,952	915	924	1,482	631
Volume depletion 276.5	1,721	350	439	660	271
Diseases of the blood and blood-forming organs 280-289	3,874	870	892	1,440	671
Mental disorders 290-319	7,279	2,052	1,914	2,367	946
Psychoses 290-299	2,545	705	646	873	321
Alcohol dependence syndrome 303	846	221	243	277	106
Diseases of the nervous system and sense organs 320-389	3,391	847	850	1,121	573
Diseases of the central nervous system 320-349	1,841	434	487	599	321
Diseases of the ear and mastoid process 380-389	476	113	129	152	81
Diseases of the circulatory system 390-459	25,390	6,174	6,100	9,189	3,928
Heart disease 391-392.0,393-398,402,404,410-416,420-429	15,867	3,936	3,783	5,674	2,474
Acute myocardial infarction 410	858	215	196	290	157
Coronary atherosclerosis 414.0	3,450	865	805	1,224	555
Other ischemic heart disease 411-413,414.1-414.9	2,484	644	580	887	374
Cardiac dysrhythmias 427	3,145	762	744	1,108	532
Congestive heart failure 428.0	2,639	616	698	973	352
Cerebrovascular disease 430-438	1,885	419	477	714	275
Diseases of the respiratory system 460-519	9,338	2,073	2,315	3,503	1,448
Acute respiratory infections 460-466	820	161	224	319	117
Chronic disease of tonsils and adenoids 474	47	27	*8	*8	*
Pneumonia 480-486	1,922	382	476	768	296
Asthma 493	1,176	321	304	348	203
Diseases of the digestive system 520-579	8,228	1,868	1,953	3,049	1,358
Ulcers of the stomach and small intestine 531-534	550	125	147	195	83
Appendicitis 540-543	241	46	56	82	57
Inguinal hernia 550	104	37	25	30	12
Noninfectious enteritis and colitis 555-558	771	169	184	295	123
Cholelithiasis 574	721	160	165	263	132
Diseases of the genitourinary system 580-629	6,715	1,427	1,586	2,636	1,065
Calculus of kidney and ureter 592	270	61	67	104	39
Hyperplasia of prostate 600	350	83	88	125	55
Complications of pregnancy, childbirth, and the puerperium 630-677	7,858	1,384	1,728	2,777	1,969
Abortions and ectopic and molar pregnancies 630-639	124	40	18	47	19
Diseases of the skin and subcutaneous tissue 680-709	1,503	373	369	525	235
Cellulitis and abscess 681-682	672	161	168	236	108
Diseases of the musculoskeletal system and connective tissue 710-739	4,374	996	1,045	1,554	779
Arthropathies and related disorders 710-719	1,940	456	486	664	334
Intervertebral disc disorders 722	448	89	98	182	79
Congenital anomalies 740-759	577	210	123	144	100
Certain conditions originating in the perinatal period 760-779	389	76	112	109	93
Symptoms, signs, and ill-defined conditions 780-799	5,673	1,292	1,411	2,019	951
Injury and poisoning 800-999	5,965	1,325	1,384	2,013	1,244
Fractures, all sites 800-829	1,550	319	373	527	330
Fracture of neck of femur 820	337	70	86	117	64
Intracranial injuries (excluding those with skull fracture) 850-854	221	56	55	62	48
Open wounds 870-897	478	102	121	158	98
Supplementary classifications V01-V82	7,913	1,608	1,953	2,674	1,677
Females with deliveries V27	3,766	633	821	1,359	953

*Figure does not meet standard of reliability or precision.

Table 22. Number of all-listed procedures for discharges from short-stay hospitals, by age and procedure category: United States, 1995[Discharges of inpatients from non-Federal hospitals. Excludes newborn infants. 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 ages	Under 15 years	15-44 years	45-64 years	65 years and over
All procedures	39,807	2,023	14,651	8,915	14,218
Operations on the nervous system 01-05	954	223	324	187	220
Spinal tap 03.31	332	157	85	41	49
Operations on the endocrine system 06-07	85	*	38	28	16
Operations on the eye 08-16	269	15	45	55	154
Operations on the ear 18-20	68	37	12	9	10
Operations on the nose, mouth, and pharynx 21-29	353	75	135	78	64
Tonsillectomy with or without adenoidectomy 28.2-28.3	42	28	12	*	*
Operations on the respiratory system 30-34	1,041	56	201	285	498
Bronchoscopy with or without biopsy 33.21-33.24,33.27	302	17	54	85	145
Operations on the cardiovascular system 35-39	4,840	160	475	1,646	2,558
Removal of coronary artery obstruction 36.0	434	*	32	193	209
Coronary artery bypass graft ¹ 36.1	573	-	17	236	320
Cardiac catheterization 37.21-37.23	1,068	13	88	438	530
Insertion, replacement, removal, and revision of pacemaker leads or device 37.7-37.8	314	*	9	47	256
Shunt or vascular bypass 39.0-39.2	169	*	10	50	105
Hemodialysis 39.95	339	*	62	119	157
Operations on the hemic and lymphatic system 40-41	363	19	70	117	156
Operations on the digestive system 42-54	5,074	193	1,288	1,270	2,324
Endoscopy of small intestine with or without biopsy 45.11-45.14,45.16	892	17	145	219	511
Endoscopy of large intestine with or without biopsy 45.21-45.25	512	*	63	111	332
Partial excision of large intestine 45.7	206	*	23	54	127
Appendectomy, excluding incidental 47.0	237	52	139	27	19
Cholecystectomy 51.2	470	*	161	141	165
Repair of inguinal hernia 53.0-53.1	79	9	14	17	39
Lysis of peritoneal adhesions 54.5	326	*	148	80	94
Operations on the urinary system 55-59	1,102	46	255	285	516
Cystoscopy with or without biopsy 57.31-57.33	235	*7	38	50	140
Operations on the male genital organs 60-64	351	28	17	78	228
Prostatectomy 60.2-60.6	239	...	*	55	184
Operations on the female genital organs 65-71	2,093	*6	1,323	513	250
Oophorectomy and salpingo-oophorectomy 65.3-65.6	447	*	215	175	56
Bilateral destruction or occlusion of fallopian tubes 66.2-66.3	327	...	326	*	*
Hysterectomy 68.3-68.7,68.9	583	-	325	191	67
Dilation and curettage of uterus 69.0	107	*	89	12	*6
Repair of cystocele and rectocele 70.5	158	-	32	64	63
Obstetrical procedures 72-75	6,365	16	6,345	*	...
Episiotomy with or without forceps or vacuum extraction 72.1,72.21,72.31,72.71,73.6	1,410	*5	1,405	*	...
Artificial rupture of membranes 73.0	752	*	751	*	...
Cesarean section 74.0-74.2,74.4,74.99	785	*	784	*	...
Fetal EKG (scalp) and fetal monitoring, not otherwise specified 75.32,75.34	935	*	932	*	...
Repair of current obstetric laceration 75.5-75.6	964	*	961	*	...
Operations on the musculoskeletal system 76-84	3,077	146	1,009	791	1,131
Partial excision of bone 76.2-76.3,77.6-77.8	216	10	79	73	54
Open reduction of fracture with internal fixation 79.3	414	14	138	84	178
Excision or destruction of intervertebral disc 80.5	273	*	132	98	43
Total hip replacement 81.51	134	-	13	31	90
Total knee replacement 81.54	216	-	*6	53	157
Operations on the integumentary system 85-86	1,342	92	423	384	442
Mastectomy 85.4	103	...	14	42	48
Debridement of wound, infection, or burn 86.22,86.28	350	23	100	93	133
Skin graft 86.6-86.7	108	13	37	27	31
Miscellaneous diagnostic and therapeutic procedures 87-99	12,431	906	2,691	3,184	5,651
Computerized axial tomography 87.03,87.41,87.71,88.01,88.38	967	52	220	223	472
Pyelogram 87.73-87.75	176	*5	65	52	54
Arteriography and angiocardiology using contrast material 88.4-88.5	1,834	16	183	725	909
Diagnostic ultrasound 88.7	1,181	51	258	269	603
Circulatory monitoring 89.6	375	20	59	89	206
Radioisotope scan 92.0-92.1	306	*8	46	83	170
Respiratory therapy 93.9,96.7	1,127	237	149	222	518

*Figure does not meet standard of reliability or precision.

- Quantity zero.

... Category not applicable.

¹The number of discharges with a coronary artery bypass graft was 360,000.

Table 23. Rate of all-listed procedures for discharges from short-stay hospitals, by age and procedure category: United States, 1995[Discharges of inpatients from non-Federal hospitals. Excludes newborn infants. 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 ages	Under 15 years	15-44 years	45-64 years	65 years and over
All procedures	15,228.1	3,503.9	12,418.8	17,088.0	42,401.3
Operations on the nervous system 01-05	364.9	385.7	274.8	357.5	657.4
Spinal tap 03.31	127.2	271.9	72.3	78.5	146.8
Operations on the endocrine system 06-07	32.4	*	32.0	54.2	47.5
Operations on the eye 08-16	102.9	26.6	38.0	104.6	459.9
Operations on the ear 18-20	26.0	64.4	9.8	18.1	29.6
Operations on the nose, mouth, and pharynx 21-29	134.9	129.7	114.8	150.1	190.8
Tonsillectomy with or without adenoidectomy 28.2-28.3	16.2	47.8	10.5	*	*
Operations on the respiratory system 30-34	398.3	97.7	170.7	546.5	1,486.0
Bronchoscopy with or without biopsy 33.21-33.24,33.27	115.4	30.1	45.6	163.8	432.1
Operations on the cardiovascular system 35-39	1,851.3	277.8	402.4	3,155.2	7,629.4
Removal of coronary artery obstruction 36.0	166.1	*	27.2	370.8	621.9
Coronary artery bypass graft ¹ 36.1	219.2	-	14.4	453.2	953.6
Cardiac catheterization 37.21-37.23	408.7	22.4	74.4	838.8	1,580.5
Insertion, replacement, removal, and revision of pacemaker leads or device 37.7-37.8	120.0	*	7.6	90.2	762.4
Shunt or vascular bypass 39.0-39.2	64.8	*	8.7	95.5	312.0
Hemodialysis 39.95	129.6	*	52.8	228.2	467.9
Operations on the hemic and lymphatic system 40-41	138.7	32.9	59.6	225.0	464.7
Operations on the digestive system 42-54	1,941.2	334.3	1,091.4	2,434.7	6,929.4
Endoscopy of small intestine with or without biopsy 45.11-45.14,45.16	341.4	30.3	122.5	420.5	1,524.1
Endoscopy of large intestine with or without biopsy 45.21-45.25	195.8	*	53.5	213.4	991.1
Partial excision of large intestine 45.7	78.9	*	19.9	103.7	377.7
Appendectomy, excluding incidental 47.0	90.7	90.8	117.4	52.6	55.8
Cholecystectomy 51.2	179.8	*	136.8	269.7	491.5
Repair of inguinal hernia 53.0-53.1	30.4	16.3	11.6	33.5	116.1
Lysis of peritoneal adhesions 54.5	124.7	*	125.4	153.1	280.1
Operations on the urinary system 55-59	421.5	79.9	216.2	546.3	1,537.9
Cystoscopy with or without biopsy 57.31-57.33	89.8	*11.3	31.8	96.6	418.7
Operations on the male genital organs 60-64	134.4	49.2	14.3	149.8	679.3
Prostatectomy 60.2-60.6	91.5	...	*	105.7	547.3
Operations on the female genital organs 65-71	800.6	*11.2	1,121.6	983.0	746.4
Oophorectomy and salpingo-oophorectomy 65.3-65.6	171.0	*	182.1	335.1	166.8
Bilateral destruction or occlusion of fallopian tubes 66.2-66.3	124.9	...	276.4	*	*
Hysterectomy 68.3-68.7,68.9	222.9	-	275.7	365.2	199.7
Dilation and curettage of uterus 69.0	40.8	*	75.4	22.4	*18.0
Repair of cystocele and rectocele 70.5	60.5	-	27.0	122.0	187.1
Obstetrical procedures 72-75	2,435.1	28.5	5,378.6	*	...
Episiotomy with or without forceps or vacuum extraction 72.1,72.21,72.31,72.71,73.6	539.5	*9.0	1,190.7	*	...
Artificial rupture of membranes 73.0	287.8	*	636.4	*	...
Cesarean section 74.0-74.2,74.4,74.99	300.2	*	664.1	*	...
Fetal EKG (scalp) and fetal monitoring, not otherwise specified 75.32,75.34	357.5	*	790.2	*	...
Repair of current obstetric laceration 75.5-75.6	368.9	*	814.2	*	...
Operations on the musculoskeletal system 76-84	1,177.1	252.1	855.5	1,516.7	3,372.3
Partial excision of bone 76.2-76.3,77.6-77.8	82.6	17.2	66.5	140.4	161.5
Open reduction of fracture with internal fixation 79.3	158.5	24.9	116.8	161.2	530.9
Excision or destruction of intervertebral disc 80.5	104.5	*	111.7	187.8	127.3
Total hip replacement 81.51	51.3	-	10.6	59.7	269.7
Total knee replacement 81.54	82.7	-	*5.2	101.6	468.5
Operations on the integumentary system 85-86	513.3	160.2	358.5	735.8	1,319.4
Mastectomy 85.4	39.5	...	11.5	81.2	141.7
Debridement of wound, infection, or burn 86.22,86.28	133.8	40.5	84.7	178.9	397.0
Skin graft 86.6-86.7	41.5	22.4	31.6	51.7	92.8
Miscellaneous diagnostic and therapeutic procedures 87-99	4,755.5	1,568.6	2,280.7	6,103.4	16,851.3
Computerized axial tomography 87.03,87.41,87.71,88.01,88.38	369.9	89.6	186.5	427.1	1,408.8
Pyelogram 87.73-87.75	67.3	*9.5	54.9	98.7	161.4
Arteriography and angiocardiology using contrast material 88.4-88.5	701.5	28.1	155.2	1,389.8	2,712.0
Diagnostic ultrasound 88.7	451.9	88.6	218.8	516.3	1,797.0
Circulatory monitoring 89.6	143.5	35.4	50.2	171.5	614.6
Radioisotope scan 92.0-92.1	117.0	*13.2	38.7	159.1	506.1
Respiratory therapy 93.9,96.7	431.1	411.3	126.5	425.5	1,545.4

*Figure does not meet standard of reliability or precision.

- Quantity zero.

... Category not applicable.

¹The rate per 100,000 population of discharges with a coronary artery bypass graft was 137.7.

Table 24. Number of all-listed procedures for discharges from short-stay hospitals, by sex and procedure category: United States, 1995[Discharges of inpatients from non-Federal hospitals. Excludes newborn infants. 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	Both sexes	Number in thousands	
		Male	Female
All procedures	39,807	15,649	24,158
Operations on the nervous system 01-05	954	442	512
Spinal tap 03.31	332	175	157
Operations on the endocrine system 06-07	85	24	60
Operations on the eye 08-16	269	126	143
Operations on the ear 18-20	68	41	27
Operations on the nose, mouth, and pharynx 21-29	353	202	151
Tonsillectomy with or without adenoidectomy 28.2-28.3	42	23	19
Operations on the respiratory system 30-34	1,041	588	454
Bronchoscopy with or without biopsy 33.21-33.24,33.27	302	174	128
Operations on the cardiovascular system 35-39	4,840	2,873	1,967
Removal of coronary artery obstruction 36.0	434	285	149
Coronary artery bypass graft ¹ 36.1	573	423	150
Cardiac catheterization 37.21-37.23	1,068	660	408
Insertion, replacement, removal, and revision of pacemaker leads or device 37.7-37.8	314	157	156
Shunt or vascular bypass 39.0-39.2	169	90	80
Hemodialysis 39.95	339	163	176
Operations on the hemic and lymphatic system 40-41	363	188	175
Operations on the digestive system 42-54	5,074	2,113	2,962
Endoscopy of small intestine with or without biopsy 45.11-45.14,45.16	892	398	494
Endoscopy of large intestine with or without biopsy 45.21-45.25	512	208	303
Partial excision of large intestine 45.7	206	96	110
Appendectomy, excluding incidental 47.0	237	135	102
Cholecystectomy 51.2	470	142	328
Repair of inguinal hernia 53.0-53.1	79	71	*8
Lysis of peritoneal adhesions 54.5	326	59	267
Operations on the urinary system 55-59	1,102	564	538
Cystoscopy with or without biopsy 57.31-57.33	235	152	83
Operations on the male genital organs 60-64	351	351	...
Prostatectomy 60.2-60.6	239	239	...
Operations on the female genital organs 65-71	2,093	...	2,093
Oophorectomy and salpingo-oophorectomy 65.3-65.6	447	...	447
Bilateral destruction or occlusion of fallopian tubes 66.2-66.3	327	...	327
Hysterectomy 68.3-68.7,68.9	583	...	583
Dilation and curettage of uterus 69.0	107	...	107
Repair of cystocele and rectocele 70.5	158	...	158
Obstetrical procedures 72-75	6,365	...	6,365
Episiotomy with or without forceps or vacuum extraction 72.1,72.21,72.31,72.71,73.6	1,410	...	1,410
Artificial rupture of membranes 73.0	752	...	752
Cesarean section 74.0-74.2,74.4,74.99	785	...	785
Fetal EKG (scalp) and fetal monitoring, not otherwise specified 75.32,75.34	935	...	935
Repair of current obstetric laceration 75.5-75.6	964	...	964
Operations on the musculoskeletal system 76-84	3,077	1,543	1,534
Partial excision of bone 76.2-76.3,77.6-77.8	216	120	96
Open reduction of fracture with internal fixation 79.3	414	177	238
Excision or destruction of intervertebral disc 80.5	273	162	111
Total hip replacement 81.51	134	54	80
Total knee replacement 81.54	216	75	141
Operations on the integumentary system 85-86	1,342	588	753
Mastectomy 85.4	103	*	102
Debridement of wound, infection, or burn 86.22,86.28	350	202	148
Skin graft 86.6-86.7	108	69	40
Miscellaneous diagnostic and therapeutic procedures 87-99	12,431	6,007	6,424
Computerized axial tomography 87.03,87.41,87.71,88.01,88.38	967	473	494
Pyelogram 87.73-87.75	176	92	83
Arteriography and angiocardiology using contrast material 88.4-88.5	1,834	1,076	758
Diagnostic ultrasound 88.7	1,181	499	682
Circulatory monitoring 89.6	375	192	183
Radioisotope scan 92.0-92.1	306	141	165
Respiratory therapy 93.9,96.7	1,127	572	555

*Figure does not meet standard of reliability or precision.

... Category not applicable.

¹The number of discharges with a coronary artery bypass graft was 360,000.

Table 25. Rate of all-listed procedures for discharges from short-stay hospitals, by sex and procedure category: United States, 1995[Discharges of inpatients from non-Federal hospitals. Excludes newborn infants. 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	Both sexes	Rate per 100,000 population	
		Male	Female
All procedures	15,228.1	12,309.2	17,991.8
Operations on the nervous system 01-05	364.9	347.8	381.1
Spinal tap 03.31	127.2	137.9	117.1
Operations on the endocrine system 06-07	32.4	19.2	45.0
Operations on the eye 08-16	102.9	98.8	106.9
Operations on the ear 18-20	26.0	32.5	19.9
Operations on the nose, mouth, and pharynx 21-29	134.9	158.7	112.3
Tonsillectomy with or without adenoidectomy 28.2-28.3	16.2	18.4	14.1
Operations on the respiratory system 30-34	398.3	462.1	337.8
Bronchoscopy with or without biopsy 33.21-33.24,33.27	115.4	136.5	95.4
Operations on the cardiovascular system 35-39	1,851.3	2,259.5	1,464.9
Removal of coronary artery obstruction 36.0	166.1	224.4	110.9
Coronary artery bypass graft ¹ 36.1	219.2	333.0	111.6
Cardiac catheterization 37.21-37.23	408.7	519.1	304.1
Insertion, replacement, removal, and revision of pacemaker leads or device 37.7-37.8	120.0	123.9	116.4
Shunt or vascular bypass 39.0-39.2	64.8	70.6	59.3
Hemodialysis 39.95	129.6	127.9	131.2
Operations on the hemic and lymphatic system 40-41	138.7	147.7	130.2
Operations on the digestive system 42-54	1,941.2	1,661.7	2,205.8
Endoscopy of small intestine with or without biopsy 45.11-45.14,45.16	341.4	313.2	368.1
Endoscopy of large intestine with or without biopsy 45.21-45.25	195.8	164.0	225.9
Partial excision of large intestine 45.7	78.9	75.7	82.0
Appendectomy, excluding incidental 47.0	90.7	106.3	75.9
Cholecystectomy 51.2	179.8	111.3	244.6
Repair of inguinal hernia 53.0-53.1	30.4	56.1	*6.1
Lysis of peritoneal adhesions 54.5	124.7	46.3	199.0
Operations on the urinary system 55-59	421.5	443.4	400.8
Cystoscopy with or without biopsy 57.31-57.33	89.8	119.7	61.6
Operations on the male genital organs 60-64	134.4	276.3	...
Prostatectomy 60.2-60.6	91.5	188.2	...
Operations on the female genital organs 65-71	800.6	...	1,558.6
Oophorectomy and salpingo-oophorectomy 65.3-65.6	171.0	...	332.9
Bilateral destruction or occlusion of fallopian tubes 66.2-66.3	124.9	...	243.2
Hysterectomy 68.3-68.7,68.9	222.9	...	434.0
Dilation and curettage of uterus 69.0	40.8	...	79.5
Repair of cystocele and rectocele 70.5	60.5	...	117.8
Obstetrical procedures 72-75	2,435.1	...	4,740.6
Episiotomy with or without forceps or vacuum extraction 72.1,72.21,72.31,72.71,73.6	539.5	...	1,050.3
Artificial rupture of membranes 73.0	287.8	...	560.3
Cesarean section 74.0-74.2,74.4,74.99	300.2	...	584.5
Fetal EKG (scalp) and fetal monitoring, not otherwise specified 75.32,75.34	357.5	...	696.0
Repair of current obstetric laceration 75.5-75.6	368.9	...	718.2
Operations on the musculoskeletal system 76-84	1,177.1	1,213.6	1,142.4
Partial excision of bone 76.2,76.3,77.6-77.8	82.6	94.2	71.6
Open reduction of fracture with internal fixation 79.3	158.5	139.1	176.9
Excision or destruction of intervertebral disc 80.5	104.5	127.6	82.6
Total hip replacement 81.51	51.3	42.5	59.6
Total knee replacement 81.54	82.7	59.3	104.9
Operations on the integumentary system 85-86	513.3	462.9	561.0
Mastectomy 85.4	39.5	*	75.8
Debridement of wound, infection, or burn 86.22,86.28	133.8	158.8	110.2
Skin graft 86.6-86.7	41.5	54.0	29.6
Miscellaneous diagnostic and therapeutic procedures 87-99	4,755.5	4,725.0	4,784.4
Computerized axial tomography 87.03,87.41,87.71,88.01,88.38	369.9	371.7	368.2
Pyelogram 87.73-87.75	67.3	72.7	62.1
Arteriography and angiocardiology using contrast material 88.4-88.5	701.5	846.0	564.7
Diagnostic ultrasound 88.7	451.9	392.8	507.8
Circulatory monitoring 89.6	143.5	150.9	136.6
Radioisotope scan 92.0-92.1	117.0	110.6	123.1
Respiratory therapy 93.9,96.7	431.1	449.9	413.3

*Figure does not meet standard of reliability or precision.

... Category not applicable.

¹The rate per 100,000 population of discharges with a coronary artery bypass graft was 137.7.

Table 26. Number of all-listed procedures for discharges from short-stay hospitals, by race and procedure category: United States, 1995[Discharges of inpatients from non-Federal hospitals. Excludes newborn infants. 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 races	White	Black	All other	Not stated
	Number in thousands				
All procedures	39,807	26,319	4,721	1,691	7,076
Operations on the nervous system 01-05	954	625	118	40	171
Spinal tap 03.31	332	188	64	16	64
Operations on the endocrine system 06-07	85	53	11	*	17
Operations on the eye 08-16	269	196	26	*7	40
Operations on the ear 18-20	68	49	*6	*	11
Operations on the nose, mouth, and pharynx 21-29	353	231	44	14	64
Tonsillectomy with or without adenoidectomy 28.2-28.3	42	30	*	*	*7
Operations on the respiratory system 30-34	1,041	701	140	38	161
Bronchoscopy with or without biopsy 33.21-33.24,33.27	302	202	43	12	45
Operations on the cardiovascular system 35-39	4,840	3,402	480	181	777
Removal of coronary artery obstruction 36.0	434	321	18	14	81
Coronary artery bypass graft ¹ 36.1	573	442	20	17	95
Cardiac catheterization 37.21-37.23	1,068	799	78	31	160
Insertion, replacement, removal, and revision of pacemaker leads or device 37.7-37.8	314	253	17	*6	37
Shunt or vascular bypass 39.0-39.2	169	104	27	9	29
Hemodialysis 39.95	339	155	97	31	55
Operations on the hemic and lymphatic system 40-41	363	249	43	13	58
Operations on the digestive system 42-54	5,074	3,413	555	185	922
Endoscopy of small intestine with or without biopsy 45.11-45.14,45.16	892	607	110	31	144
Endoscopy of large intestine with or without biopsy 45.21-45.25	512	361	52	16	82
Partial excision of large intestine 45.7	206	145	15	*6	41
Appendectomy, excluding incidental 47.0	237	152	14	12	59
Cholecystectomy 51.2	470	329	40	16	85
Repair of inguinal hernia 53.0-53.1	79	52	*7	*	18
Lysis of peritoneal adhesions 54.5	326	213	44	12	57
Operations on the urinary system 55-59	1,102	800	76	37	190
Cystoscopy with or without biopsy 57.31-57.33	235	161	18	*8	48
Operations on the male genital organs 60-64	351	230	38	*8	75
Prostatectomy 60.2-60.6	239	157	24	*6	52
Operations on the female genital organs 65-71	2,093	1,339	286	90	377
Oophorectomy and salpingo-oophorectomy 65.3-65.6	447	300	52	18	78
Bilateral destruction or occlusion of fallopian tubes 66.2-66.3	327	176	59	20	71
Hysterectomy 68.3-68.7,68.9	583	395	67	20	100
Dilation and curettage of uterus 69.0	107	55	25	*6	21
Repair of cystocele and rectocele 70.5	158	119	*	*	32
Obstetrical procedures 72-75	6,365	3,703	754	454	1,455
Episiotomy with or without forceps or vacuum extraction 72.1,72.21,72.31,72.71,73.6	1,410	884	100	94	333
Artificial rupture of membranes 73.0	752	445	72	57	178
Cesarean section 74.0-74.2,74.4,74.99	785	457	104	44	180
Fetal EKG (scalp) and fetal monitoring, not otherwise specified 75.32,75.34	935	537	138	76	184
Repair of current obstetric laceration 75.5-75.6	964	540	100	79	246
Operations on the musculoskeletal system 76-84	3,077	2,148	262	99	568
Partial excision of bone 76.2-76.3,77.6-77.8	216	161	14	*5	36
Open reduction of fracture with internal fixation 79.3	414	280	38	18	79
Excision or destruction of intervertebral disc 80.5	273	206	15	10	41
Total hip replacement 81.51	134	102	*6	*	24
Total knee replacement 81.54	216	150	10	*	52
Operations on the integumentary system 85-86	1,342	862	207	48	226
Mastectomy 85.4	103	72	*8	*	21
Debridement of wound, infection, or burn 86.22,86.28	350	215	63	12	60
Skin graft 86.6-86.7	108	64	19	*	21
Miscellaneous diagnostic and therapeutic procedures 87-99	12,431	8,317	1,677	472	1,965
Computerized axial tomography 87.03,87.41,87.71,88.01,88.38	967	636	154	47	130
Pyelogram 87.73-87.75	176	126	11	*6	33
Arteriography and angiocardiology using contrast material 88.4-88.5	1,834	1,361	154	52	267
Diagnostic ultrasound 88.7	1,181	752	196	53	180
Circulatory monitoring 89.6	375	262	60	12	42
Radioisotope scan 92.0-92.1	306	205	38	16	47
Respiratory therapy 93.9,96.7	1,127	693	177	48	209

*Figure does not meet standard of reliability or precision.

¹The number of discharges with a coronary artery bypass graft was 360,000.

Table 27. Rate of all-listed procedures for discharges from short-stay hospitals, by race and procedure category: United States, 1995[Discharges of inpatients from non-Federal hospitals. Excludes newborn infants. 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 races	White	Black	All other	Not stated
All procedures	15,228.1	12,126.1	14,358.0	14,729.6	...
Operations on the nervous system 01-05	364.9	288.1	358.2	345.0	...
Spinal tap 03.31	127.2	86.7	194.0	142.2	...
Operations on the endocrine system 06-07	32.4	24.5	32.5	*	...
Operations on the eye 08-16	102.9	90.3	77.6	*64.5	...
Operations on the ear 18-20	26.0	22.6	*17.9	*	...
Operations on the nose, mouth, and pharynx 21-29	134.9	106.6	133.6	118.5	...
Tonsillectomy with or without adenoidectomy 28.2-28.3	16.2	13.9	*	*	...
Operations on the respiratory system 30-34	398.3	323.1	427.3	331.2	...
Bronchoscopy with or without biopsy 33.21-33.24,33.27	115.4	93.0	131.5	103.0	...
Operations on the cardiovascular system 35-39	1,851.3	1,567.5	1,460.1	1,572.0	...
Removal of coronary artery obstruction 36.0	166.1	147.9	53.6	125.7	...
Coronary artery bypass graft ¹ 36.1	219.2	203.6	60.7	145.9	...
Cardiac catheterization 37.21-37.23	408.7	368.2	237.6	270.4	...
Insertion, replacement, removal, and revision of pacemaker leads or device 37.7-37.8	120.0	116.5	52.3	*56.5	...
Shunt or vascular bypass 39.0-39.2	64.8	47.8	82.7	79.4	...
Hemodialysis 39.95	129.6	71.5	295.0	273.5	...
Operations on the hemic and lymphatic system 40-41	138.7	114.8	129.3	115.3	...
Operations on the digestive system 42-54	1,941.2	1,572.5	1,687.6	1,610.4	...
Endoscopy of small intestine with or without biopsy 45.11-45.14,45.16	341.4	279.7	335.7	274.0	...
Endoscopy of large intestine with or without biopsy 45.21-45.25	195.8	166.2	159.4	143.3	...
Partial excision of large intestine 45.7	78.9	66.7	46.5	*49.5	...
Appendectomy, excluding incidental 47.0	90.7	69.9	43.8	107.9	...
Cholecystectomy 51.2	179.8	151.4	122.5	139.8	...
Repair of inguinal hernia 53.0-53.1	30.4	24.1	*21.4	*	...
Lysis of peritoneal adhesions 54.5	124.7	98.1	132.7	107.4	...
Operations on the urinary system 55-59	421.5	368.4	230.8	321.0	...
Cystoscopy with or without biopsy 57.31-57.33	89.8	74.3	55.1	*67.6	...
Operations on the male genital organs 60-64	134.4	106.1	116.4	*71.7	...
Prostatectomy 60.2-60.6	91.5	72.4	72.9	*53.3	...
Operations on the female genital organs 65-71	800.6	617.1	868.9	788.1	...
Oophorectomy and salpingo-oophorectomy 65.3-65.6	171.0	138.1	156.9	155.0	...
Bilateral destruction or occlusion of fallopian tubes 66.2-66.3	124.9	81.0	180.5	177.7	...
Hysterectomy 68.3-68.7,68.9	222.9	181.8	205.2	175.3	...
Dilation and curettage of uterus 69.0	40.8	25.5	75.9	*48.4	...
Repair of cystocele and rectocele 70.5	60.5	54.7	*	*	...
Obstetrical procedures 72-75	2,435.1	1,706.1	2,292.8	3,950.4	...
Episiotomy with or without forceps or vacuum extraction 72.1,72.21,72.31,72.71,73.6	539.5	407.1	304.3	819.1	...
Artificial rupture of membranes 73.0	287.8	205.2	218.1	500.2	...
Cesarean section 74.0-74.2,74.4,74.99	300.2	210.7	316.5	382.0	...
Fetal EKG (scalp) and fetal monitoring, not otherwise specified 75.32,75.34	357.5	247.2	418.2	665.9	...
Repair of current obstetric laceration 75.5-75.6	368.9	248.8	303.2	683.7	...
Operations on the musculoskeletal system 76-84	1,177.1	989.5	796.7	863.1	...
Partial excision of bone 76.2-76.3,77.6-77.8	82.6	74.0	42.6	*45.1	...
Open reduction of fracture with internal fixation 79.3	158.5	128.9	116.5	152.7	...
Excision or destruction of intervertebral disc 80.5	104.5	94.9	47.0	89.8	...
Total hip replacement 81.51	51.3	46.9	*19.4	*	...
Total knee replacement 81.54	82.7	69.1	29.4	*	...
Operations on the integumentary system 85-86	513.3	396.9	629.3	415.4	...
Mastectomy 85.4	39.5	33.2	*23.6	*	...
Debridement of wound, infection, or burn 86.22,86.28	133.8	99.0	190.9	105.9	...
Skin graft 86.6-86.7	41.5	29.7	59.2	*	...
Miscellaneous diagnostic and therapeutic procedures 87-99	4,755.5	3,831.8	5,099.1	4,113.0	...
Computerized axial tomography 87.03,87.41,87.71,88.01,88.38	369.9	292.9	467.6	412.7	...
Pyelogram 87.73-87.75	67.3	58.0	34.1	*50.7	...
Arteriography and angiocardiology using contrast material 88.4-88.5	701.5	627.1	467.1	451.4	...
Diagnostic ultrasound 88.7	451.9	346.4	597.4	464.6	...
Circulatory monitoring 89.6	143.5	120.6	182.5	103.6	...
Radioisotope scan 92.0-92.1	117.0	94.4	116.0	138.3	...
Respiratory therapy 93.9,96.7	431.1	319.2	537.8	417.3	...

... Category not applicable.

*Figure does not meet standard of reliability or precision.

¹The rate per 100,000 population of discharges with a coronary artery bypass graft was 137.7.

NOTE: Rates for race categories may be underestimated because race was not reported for all discharges.

Table 28. Number of all-listed procedures for discharges from short-stay hospitals, by geographic region and procedure category: United States, 1995[Discharges of inpatients from non-Federal hospitals. Excludes newborn infants. 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	United States	Northeast	Midwest	South	West
All procedures	39,807	10,253	8,511	13,074	7,969
Operations on the nervous system 01-05	954	230	216	321	187
Spinal tap 03.31	332	79	70	118	66
Operations on the endocrine system 06-07	85	26	15	30	14
Operations on the eye 08-16	269	113	26	103	27
Operations on the ear 18-20	68	29	11	18	11
Operations on the nose, mouth, and pharynx 21-29	353	121	57	112	62
Tonsillectomy with or without adenoidectomy 28.2-28.3	42	22	*7	9	*
Operations on the respiratory system 30-34	1,041	286	224	348	183
Bronchoscopy with or without biopsy 33.21-33.24,33.27	302	83	66	100	52
Operations on the cardiovascular system 35-39	4,840	1,070	1,076	1,743	951
Removal of coronary artery obstruction 36.0	434	72	109	153	100
Coronary artery bypass graft ¹ 36.1	573	130	134	197	112
Cardiac catheterization 37.21-37.23	1,068	216	235	430	187
Insertion, replacement, removal, and revision of pacemaker leads or device 37.7-37.8	314	84	63	113	53
Shunt or vascular bypass 39.0-39.2	169	42	33	61	33
Hemodialysis 39.95	339	72	53	133	81
Operations on the hemic and lymphatic system 40-41	363	110	73	118	61
Operations on the digestive system 42-54	5,074	1,221	1,159	1,774	920
Endoscopy of small intestine with or without biopsy 45.11-45.14,45.16	892	212	210	321	150
Endoscopy of large intestine with or without biopsy 45.21-45.25	512	143	115	175	78
Partial excision of large intestine 45.7	206	49	51	70	36
Appendectomy, excluding incidental 47.0	237	48	54	81	55
Cholecystectomy 51.2	470	110	97	175	88
Repair of inguinal hernia 53.0-53.1	79	29	16	25	9
Lysis of peritoneal adhesions 54.5	326	69	75	130	52
Operations on the urinary system 55-59	1,102	326	240	365	171
Cystoscopy with or without biopsy 57.31-57.33	235	73	58	80	23
Operations on the male genital organs 60-64	351	88	84	121	58
Prostatectomy 60.2-60.6	239	52	57	84	46
Operations on the female genital organs 65-71	2,093	386	426	898	384
Oophorectomy and salpingo-oophorectomy 65.3-65.6	447	72	101	193	81
Bilateral destruction or occlusion of fallopian tubes 66.2-66.3	327	41	60	163	62
Hysterectomy 68.3-68.7,68.9	583	91	122	260	110
Dilation and curettage of uterus 69.0	107	36	16	42	12
Repair of cystocele and rectocele 70.5	158	28	36	62	33
Obstetrical procedures 72-75	6,365	1,184	1,505	2,001	1,675
Episiotomy with or without forceps or vacuum extraction 72.1,72.21,72.31,72.71,73.6	1,410	264	327	509	310
Artificial rupture of membranes 73.0	752	115	210	195	232
Cesarean section 74.0-74.2,74.4,74.99	785	120	168	321	175
Fetal EKG (scalp) and fetal monitoring, not otherwise specified 75.32,75.34	935	238	257	148	292
Repair of current obstetric laceration 75.5-75.6	964	177	224	290	273
Operations on the musculoskeletal system 76-84	3,077	763	664	1,082	567
Partial excision of bone 76.2-76.3,77.6-77.8	216	51	42	79	43
Open reduction of fracture with internal fixation 79.3	414	94	88	153	79
Excision or destruction of intervertebral disc 80.5	273	47	54	119	53
Total hip replacement 81.51	134	31	26	48	29
Total knee replacement 81.54	216	48	65	69	35
Operations on the integumentary system 85-86	1,342	359	297	468	218
Mastectomy 85.4	103	26	21	36	21
Debridement of wound, infection, or burn 86.22,86.28	350	82	89	122	57
Skin graft 86.6-86.7	108	26	24	39	20
Miscellaneous diagnostic and therapeutic procedures 87-99	12,431	3,942	2,439	3,571	2,479
Computerized axial tomography 87.03,87.41,87.71,88.01,88.38	967	318	167	253	229
Pyelogram 87.73-87.75	176	49	39	59	29
Arteriography and angiocardiology using contrast material 88.4-88.5	1,834	382	427	740	285
Diagnostic ultrasound 88.7	1,181	423	204	269	285
Circulatory monitoring 89.6	375	115	84	87	89
Radioisotope scan 92.0-92.1	306	108	44	72	82
Respiratory therapy 93.9,96.7	1,127	335	219	296	278

*Figure does not meet standard of reliability or precision.

¹The number of discharges with a coronary artery bypass graft was 360,000.

Table 29. Rate of all-listed procedures for discharges from short-stay hospitals, by geographic region and procedure category: United States, 1995[Discharges of inpatients from non-Federal hospitals. Excludes newborn infants. 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	United States	Northeast	Midwest	South	West
	Rate per 100,000 population				
All procedures	15,228.1	19,950.1	13,794.4	14,344.9	13,938.6
Operations on the nervous system 01-05	364.9	447.4	349.9	352.6	326.5
Spinal tap 03.31	127.2	152.7	113.9	129.6	114.8
Operations on the endocrine system 06-07	32.4	50.8	23.8	32.6	24.9
Operations on the eye 08-16	102.9	220.7	42.3	112.5	47.2
Operations on the ear 18-20	26.0	55.5	17.3	19.6	19.1
Operations on the nose, mouth, and pharynx 21-29	134.9	235.6	91.8	123.4	109.3
Tonsillectomy with or without adenoidectomy 28.2-28.3	16.2	42.7	*11.1	10.2	*
Operations on the respiratory system 30-34	398.3	555.8	363.8	382.0	319.8
Bronchoscopy with or without biopsy 33.21-33.24,33.27	115.4	160.8	107.3	110.2	91.6
Operations on the cardiovascular system 35-39	1,851.3	2,080.9	1,744.0	1,912.7	1,662.9
Removal of coronary artery obstruction 36.0	166.1	139.5	177.1	168.4	174.5
Coronary artery bypass graft ¹ 36.1	219.2	253.1	217.7	215.6	196.3
Cardiac catheterization 37.21-37.23	408.7	420.9	381.6	471.4	326.9
Insertion, replacement, removal, and revision of pacemaker leads or device 37.7-37.8	120.0	162.6	102.9	124.3	93.5
Shunt or vascular bypass 39.0-39.2	64.8	82.4	53.9	66.9	57.4
Hemodialysis 39.95	129.6	139.8	85.7	145.5	142.3
Operations on the hemic and lymphatic system 40-41	138.7	213.3	119.0	129.8	107.0
Operations on the digestive system 42-54	1,941.2	2,376.1	1,878.1	1,946.9	1,609.4
Endoscopy of small intestine with or without biopsy 45.11-45.14,45.16	341.4	411.9	340.3	352.2	262.1
Endoscopy of large intestine with or without biopsy 45.21-45.25	195.8	279.1	186.0	192.3	136.8
Partial excision of large intestine 45.7	78.9	95.6	82.6	77.1	63.0
Appendectomy, excluding incidental 47.0	90.7	92.8	87.4	88.9	95.4
Cholecystectomy 51.2	179.8	214.6	156.6	192.1	153.9
Repair of inguinal hernia 53.0-53.1	30.4	57.1	26.4	27.1	15.9
Lysis of peritoneal adhesions 54.5	124.7	134.7	122.1	142.5	90.3
Operations on the urinary system 55-59	421.5	635.1	389.5	400.1	298.3
Cystoscopy with or without biopsy 57.31-57.33	89.8	141.1	94.8	88.3	40.9
Operations on the male genital organs 60-64	134.4	171.4	135.6	133.1	101.7
Prostatectomy 60.2-60.6	91.5	101.2	92.7	91.7	81.2
Operations on the female genital organs 65-71	800.6	750.5	689.7	985.3	670.9
Oophorectomy and salpingo-oophorectomy 65.3-65.6	171.0	139.8	164.0	212.1	141.0
Bilateral destruction or occlusion of fallopian tubes 66.2-66.3	124.9	79.8	97.6	178.7	109.3
Hysterectomy 68.3-68.7,68.9	222.9	176.6	197.9	285.3	192.2
Dilation and curettage of uterus 69.0	40.8	70.2	26.1	46.3	21.7
Repair of cystocele and rectocele 70.5	60.5	53.8	58.3	68.1	56.9
Obstetrical procedures 72-75	2,435.1	2,303.7	2,439.2	2,195.4	2,930.7
Episiotomy with or without forceps or vacuum extraction 72.1,72.21,72.31,72.71,73.6	539.5	514.6	530.2	558.6	541.5
Artificial rupture of membranes 73.0	287.8	222.8	340.8	214.4	406.1
Cesarean section 74.0-74.2,74.4,74.99	300.2	234.2	271.8	352.7	306.7
Fetal EKG (scalp) and fetal monitoring, not otherwise specified 75.32,75.34	357.5	462.8	416.4	162.1	510.9
Repair of current obstetric laceration 75.5-75.6	368.9	344.9	362.6	318.4	477.7
Operations on the musculoskeletal system 76-84	1,177.1	1,485.3	1,076.2	1,187.2	992.6
Partial excision of bone 76.2-76.3,77.6-77.8	82.6	100.0	68.1	87.2	75.0
Open reduction of fracture with internal fixation 79.3	158.5	182.6	143.1	168.2	138.1
Excision or destruction of intervertebral disc 80.5	104.5	92.0	87.1	130.2	93.3
Total hip replacement 81.51	51.3	60.4	42.4	53.1	49.9
Total knee replacement 81.54	82.7	92.8	104.9	75.9	60.5
Operations on the integumentary system 85-86	513.3	698.5	480.7	513.5	381.6
Mastectomy 85.4	39.5	49.7	34.5	39.2	36.4
Debridement of wound, infection, or burn 86.22,86.28	133.8	159.9	143.6	133.8	99.9
Skin graft 86.6-86.7	41.5	49.7	39.0	42.6	34.9
Miscellaneous diagnostic and therapeutic procedures 87-99	4,755.5	7,669.5	3,953.4	3,918.0	4,336.7
Computerized axial tomography 87.03,87.41,87.71,88.01,88.38	369.9	618.6	270.7	278.0	400.0
Pyelogram 87.73-87.75	67.3	95.8	62.9	64.5	50.8
Arteriography and angiocardiology using contrast material 88.4-88.5	701.5	743.4	691.7	811.8	498.4
Diagnostic ultrasound 88.7	451.9	823.6	331.3	295.0	497.9
Circulatory monitoring 89.6	143.5	224.1	135.4	95.8	156.1
Radioisotope scan 92.0-92.1	117.0	209.4	71.6	79.4	143.0
Respiratory therapy 93.9,96.7	431.1	651.0	354.8	324.3	485.8

*Figure does not meet standard of reliability or precision.

¹The rate per 100,000 population of discharges with a coronary artery bypass graft was 137.7.

Appendix

Technical Notes

Response Rate

In 1995 the final survey sample consisted of 263,000 discharge medical record abstracts. The number of hospitals in the universe, the total sample size, and the responding sample size are shown by region in [table I](#).

Surgical and Nonsurgical Procedures

Estimates for surgical and nonsurgical procedures are presented in some tables of this report. Nonsurgical procedures such as diagnostic endoscopy and radiography, radiotherapy and related therapies, and physical medicine and rehabilitation are listed with other nonsurgical procedures in [table II](#). All other procedures are considered surgical procedures (2).

Population Estimates

The population estimates for 1995 by age, sex, race, and geographic region are presented in [table III](#) and are consistent with the population estimates published in *Current Population Reports*, Series P-25.

Relative Standard Errors and Significance Testing

A standard error is primarily a measure of sampling variability that occurs by chance because only a sample rather than the entire universe is surveyed. Estimates of sampling variability were calculated with SUDAAN software. A description of the software and the approach it uses has been published (20). The parameters for relative standard error curves for the 1995 National Hospital Discharge Survey are presented in [table IV](#).

Relative standard errors for aggregate estimates

The relative standard error (RSE)(X) of an estimate X may be estimated from the formula:

Table I. Number of hospitals in the National Hospital Discharge Survey universe and sample, number of in-scope and responding sample hospitals, and response rates, by geographic region: United States, 1995

Geographic region	Universe	Total sample			Response rate
		Number	Sample in scope ¹	Respondents ²	
All regions	6,337	525	508	466	92
Northeast	934	115	111	106	95
Midwest	1,733	113	109	100	92
South	2,456	217	211	193	91
West	1,214	80	77	67	87

¹Excludes hospitals that for the whole year either were out of business or failed to meet the definitions of a general, a children's general, or a short-stay hospital.

²Hospitals for which data were collected by the National Center for Health Statistics for at least one-half the number of sample discharges expected in one-half or more of the months the hospitals were in scope.

Table II. Code numbers for procedures considered nonsurgical in the National Hospital Discharge Survey by ICD-9-CM chapter, 1995

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

Procedure chapter 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	73.4,73.51-73.59,73.91-73.92,75.31-75.32, 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

$$RSE(X) = 100\sqrt{\frac{a+b}{X}}$$

where a, and b are values provided in [table IV](#).

RSE's for estimates of percents

The RSE for a percent 100p (0<p<1), expressed as a percent of p may be calculated directly using the formula:

$$RSE(p) = 100\sqrt{\frac{b(1-p)}{pX}}$$

where 100p is the percent of interest, X is the base 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 IV](#).

The approximation is valid if the RSE of the denominator is less than 5 percent or the RSE's of the numerator and denominator are less than 10 percent (21,22).

Table III. Civilian population by selected characteristics: United States, 1995

[Population estimates consistent with Series P-25, *Current Population Reports*, U.S. Bureau of the Census]

Age, geographic region, and race	Both sexes	Male	Female	Age, geographic region, and race	Both sexes	Male	Female
All ages				Population in thousands			
Total	261,407	127,134	134,273				
Region:							
Northeast	51,395	24,751	26,644				
Midwest	61,698	30,003	31,695				
South	91,143	44,018	47,125				
West	57,170	28,361	28,809				
Race:							
White	217,041	106,062	110,979				
Black	32,883	15,513	17,370				
All other	11,483	5,559	5,924				
Under 15 years							
Total	57,726	29,554	28,172				
Under 1 year	3,848	1,970	1,878				
1-4 years	15,743	8,055	7,688				
5-14 years	38,134	19,529	18,606				
Region:							
Northeast	10,646	5,452	5,193				
Midwest	13,491	6,910	6,581				
South	20,027	10,243	9,784				
West	13,562	6,948	6,614				
Race:							
White	45,728	23,463	22,264				
Black	9,002	4,565	4,437				
All other	2,996	1,526	1,470				
15-44 years							
Total	117,976	58,700	59,276				
15-24 years	35,431	17,909	17,522				
25-34 years	40,349	19,972	20,377				
35-44 years	42,195	20,819	21,377				
Region:							
Northeast	22,896	11,354	11,542				
Midwest	27,770	13,835	13,935				
South	40,999	20,177	20,823				
West	26,311	13,335	12,976				
				15-44 years—Continued			
				Population in thousands			
				Race:			
				White	96,442	48,412	48,030
				Black	15,803	7,506	8,297
				All other	5,731	2,782	2,949
				45-64 years			
				Total	52,173	25,192	26,981
				45-54 years	31,043	15,149	15,894
				55-64 years	21,130	10,043	11,087
				Region:			
				Northeast	10,561	5,045	5,516
				Midwest	12,344	5,985	6,359
				South	18,434	8,837	9,597
				West	10,834	5,325	5,509
				Race:			
				White	44,817	21,874	22,943
				Black	5,358	2,388	2,971
				All other	1,998	930	1,068
				65 years and over			
				Total	33,532	13,689	19,844
				65-74 years	18,759	8,342	10,417
				75-84 years	11,148	4,330	6,815
				85 years and over	3,628	1,017	2,611
				Region:			
				Northeast	7,293	2,900	4,393
				Midwest	8,094	3,273	4,821
				South	11,683	4,762	6,921
				West	6,462	2,753	3,709
				Race:			
				White	30,055	12,313	17,742
				Black	2,719	1,055	1,665
				All other	758	321	437

RSE for average length of stay and other averages, ratios, or rates where the numerator is not a subclass of the denominator

If the denominator of the rate is a number produced by the U.S. Bureau of the Census for the total U.S. population or one or more of the age-sex-race groups of the total population, the approximate RSE of the rate is equivalent to the RSE of the numerator that can be obtained from [table IV](#).

If the numerator *X* and denominator *Y* are estimated from NHDS, the RSE of the ratio *X/Y*, expressed as a percent of *X/Y*, is approximated by:

$$RSE (X/Y) = 100\sqrt{[RSE (X)]^2 + [RSE (Y)]^2}$$

This approximation is valid if the RSE of the denominator is less than 5 percent or the RSE of the numerator and denominator are less than 10 percent (21,22).

Estimates of differences between two statistics

The RSE's shown in this appendix are not directly applicable to differences between two sample estimates. The standard error of a difference is approximately the square root of the sum of squares of each standard error considered separately. This formula accurately represents the standard error for the difference between separate and uncorrelated characteristics, although it is only a rough approximation in most other cases.

Tests of significance

In this report, a weighted least-squares regression method was used to test for trends (2). The determination of statistical inference is based on the two-sided *z*-test with a critical value of 1.96 (0.05 level of significance). Terms such as "higher" and "less" used in this report relate to differences that are statistically significant. Terms such as "similar" or "no difference" mean that no statistically significant difference exists 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 significant.

Table IV. Estimated parameters for approximate relative standard error equations for National Hospital Discharge Survey statistics by selected characteristics: United States, 1995

Characteristic	Number of discharges or first-listed diagnoses		Number of all-listed diagnoses		Number of days of care		Number of procedures	
	a	b	a	b	a	b	a	b
Total	0.001470	383.006	0.001830	416.120	0.004678	810.910	0.002292	338.540
Sex								
Male	0.001760	337.999	0.002143	394.996	0.003051	1216.430	0.002633	350.456
Female	0.001318	375.570	0.001880	352.920	0.005842	741.020	0.002195	342.400
Age								
Under 15 years	0.017012	204.502	0.013717	274.540	0.019964	576.270	0.020369	261.921
15-44 years	0.001562	344.452	0.002528	330.180	0.003015	1185.440	0.003580	355.115
45-64 years	0.001346	346.329	0.001584	370.660	0.002950	1225.550	0.002882	319.558
65 years and over	0.001742	362.499	0.001988	404.887	0.002789	1852.770	0.002971	315.118
Region								
Northeast	0.005335	242.463	0.005105	255.647	0.009606	529.150	0.006875	262.270
Midwest	0.007528	206.001	0.007693	192.250	0.009445	652.660	0.009340	178.460
South	0.005192	391.875	0.006951	428.100	0.005597	1333.620	0.004027	330.110
West	0.004464	356.516	0.005627	384.339	0.008591	1042.910	0.007656	381.790
Race								
White	0.003175	393.713	0.003802	420.239	0.004956	841.730	0.004330	356.546
Black	0.007613	223.320	0.008472	221.903	0.011020	862.190	0.008749	232.021
All other	0.022422	174.594	0.025330	160.003	0.030357	755.670	0.022639	194.201
Race not stated	0.019735	254.547	0.020261	265.211	0.037472	1006.290	0.020182	264.704
Expected source of payment								
Worker's compensation	0.005369	261.892	0.008805	269.628	0.010907	723.980	0.014989	151.134
Medicare	0.002025	361.087	0.002326	410.834	0.002981	1998.120	0.003266	318.767
Medicaid	0.004874	272.861	0.006336	252.916	0.007343	1117.820	0.006438	241.779
Payment not stated	0.032245	638.678	0.042549	384.083	0.045044	1859.050	0.039598	233.786
Other government payments	0.016884	306.984	0.015701	388.033	0.024521	1257.190	0.021322	256.159
Private insurance	0.001855	359.874	0.002363	331.826	0.003235	1072.380	0.002758	339.577
Self pay	0.004979	288.710	0.005933	328.823	0.011089	1241.880	0.009506	240.855
No charge/Other payments	0.027670	213.612	0.029890	222.305	0.044565	532.200	0.035172	220.024

NOTE: The relative standard error (RSE) for an estimate (x) can be determined from the equation $RSE(X) = 100 (\sqrt{a+b/x})$.

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