

Series 13

No. 128



Vital and Health Statistics

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

National Hospital Discharge Survey: Annual Summary, 1994

May 1997



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



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Suggested citation

Graves EJ, Gillum BS. National Hospital Discharge Survey: Annual summary, 1994. National Center for Health Statistics. Vital Health Stat 13(128). 1997.

Library of Congress Catalog Card Number 89-657616

For sale by the U.S. Government Printing Office
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Mail Stop: SSOP
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Care Survey
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U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
Centers for Disease Control and Prevention
National Center for Health Statistics

Hyattsville, Maryland
May 1997
DHHS Publication No. (PHS) 97-1789

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Cooperation of the U.S. Bureau of the Census

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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Abstract

Objectives

This report presents national estimates of the use of non-Federal short-stay hospitals in the United States during 1994. 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 1994. The survey has been conducted annually by the National Center for Health Statistics since 1965. In 1994, data were collected for approximately 277,000 discharges. Of the 512 eligible non-Federal short-stay hospitals, 478 (93 percent) responded to the survey. Diagnoses and procedures are presented according to their code number in the *International Classification of Diseases, 9th Revision, Clinical Modification*, or ICD-9-CM.

Results

In 1994 there were an estimated 30.8 million discharges from non-Federal short-stay hospitals. These patients used a total of 177.2 million days of care and had an average length of stay of 5.7 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

by Edmund J. Graves and Brenda S. Gillum, Division of Health Care Statistics

Highlights

- During 1994, there were an estimated 30.8 million discharges of inpatients from non-Federal short-stay hospitals, excluding newborn infants. These patients used an estimated 177.2 million days of care.
- Patients 65 years of age and over comprise approximately 13 percent of the population, but they accounted for 37 percent of all discharges and used 47 percent of all days of care.
- Deliveries and heart disease together accounted for almost 8 million discharges and made up 26 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 64 percent of discharges.
- Four obstetrical procedures (episiotomy, repair of current obstetric laceration, cesarean section, and artificial rupture of membranes) accounted for 18 percent of all surgical procedures.
- Five nonsurgical procedures were performed a million or more times: arteriography and angiocardiology using contrast material (1.8 million), diagnostic ultrasound (1.3 million), respiratory therapy (1.2 million), fetal EKG and fetal monitoring (1.1 million), and computerized axial tomography (1.0 million).
- In 1994, 76 percent of HIV discharges were male and 73 percent were 25–44 years of age.
- In 1994, deaths accounted for 3 percent of discharges.
- First-listed diagnoses of heart disease and malignant neoplasms accounted for 37 percent of deaths in short-stay hospitals.
- In 1994, 73 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 1994 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 the NHDS are published for each calendar year by NCHS. This report provides a summary of the 1994 data, including the number and rate of discharges, days of care and average lengths of stay by the age, sex and race of patients, and by the geographic region of hospitals. Estimates are also presented by principal expected source of payment, first-listed diagnosis, all-listed diagnoses, and all-listed procedures. Additional data

This report was prepared in the Division of Health Care Statistics. Elaine Wood of the Hospital Care Statistics Branch verified the data. Maria Owings of the Hospital Care Statistics Branch and George Wolfe of the Technical Services Branch produced estimated parameters for relative standard error equations. Pat Marrone and Rong Cai of the OAO Corporation did the computer programming for the report. This report was edited by Klaudia Cox and typeset by Zung T. N. Le of the Publications Branch, Division of Data Services.

from the NHDS are published in other reports in Series 13 of *Vital and Health Statistics*, including two reports on trends in hospital use (1,2).

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

Estimates of the number of procedures shown in this report are only for inpatients. Data on ambulatory surgery are being collected by means of another survey conducted by NCHS, the National Survey of Ambulatory Surgery (NSAS). The NSAS was implemented in 1994 and covers ambulatory surgery in hospitals and free-standing centers. Data from this survey were not available at the time this report was prepared and are not included in the tables. NSAS data will be published in a future report.

Methods

Data Source

Through the National Hospital Discharge Survey (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.

Prior to 1988, the NHDS had a two-stage design, but in 1988 the survey was redesigned (10). 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 (11). 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 in 1988, the sampling frame for hospitals has been the SMG Hospital Market Database (12–14).

For 1994, the sample consisted of 525 hospitals, 13 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 512 in-scope (eligible) hospitals, 478 (93 percent) responded to the survey. Data were collected for approximately 277,000 patient discharges from the 478 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 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 1994, approximately 38 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 *International Classification of Diseases, 9th Revision, Clinical Modification* (ICD–9–CM) (15).

For the manual data collection, an ongoing quality control program was undertaken on 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 1994 data year was 4.0 percent for medical (ICD–9–CM) coding and data entry and 0.7 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 1994 NHDS are in the appendix of this report.

Use of Tables

Estimates of hospital use shown in tables A–Q provide information about specific topics discussed in the text. Additional information on hospital utilization are presented in tables 1–29. Some tables show first-listed diagnosis, which is the one specified as the principal diagnosis on the face sheet or discharge summary of the medical record. However, if the principal diagnosis is not specified, it is the first

one listed on the face sheet or discharge summary of the medical record. 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 coded 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 the NHDS, these diagnoses were excluded from this report. Data for newborn infants, defined as patients admitted to a hospital by birth, are provided in [tables N–Q](#). 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. For these estimates, only an asterisk (*) appears in the tables. 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 also 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, 1994. 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, 1970–94. In 1994 there were an estimated 30.8 million discharges of inpatients from short-stay hospitals. These patients used a total of 177.2 million days of care and had an average length of stay of 5.7 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 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 have continued to decline. However, these declines are not evident in all age groups. For example, the average length of stay for discharges under 15 years of age has not declined.

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 1994, these patients made up 37 percent (11.3 million) of the discharges and 47 percent (83.4 million) of the days of care. The average length of stay for the elderly was 12.6 days in 1970 compared with 7.4 days in 1994.

Diagnoses

Hospital use measures for selected first-listed diagnoses are shown in [table B](#). The categories shown accounted

for more than half of the discharges and days of care in short-stay hospitals in 1994.

Heart disease was the first-listed diagnosis for 4.1 million discharges (13 percent). These discharges had an average length of stay of 6 days and accounted for 14 percent of total days of care.

An estimated 3.9 million discharges (13 percent) were females hospitalized for deliveries. Because of their short average length of stay (2.4 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 7.9 days; they used 6 percent of the total days of care.

Psychoses, pneumonia, fractures, and cerebrovascular disease each accounted for more than 800,000 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 (11.4 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 6.5 days for heart disease, 8.5 days for malignant neoplasms, 7.3 days for cerebrovascular disease, and 8.2 days for pneumonia.

Procedures

In 1994, 19.6 million discharges (64 percent) had one or more surgical, diagnostic, or therapeutic procedures ([table D](#)). At least one surgical procedure was reported for 14.1 million discharges (46 percent).

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, 1970–94

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

Age	1970	1975	1980	1985	1990	1994
Number of discharges in thousands						
All ages	29,127	34,043	37,832	35,056	30,788	30,843
Under 15 years	3,873	3,826	3,672	2,972	2,412	2,249
15–44 years	12,664	14,171	15,635	13,966	11,799	10,956
45–64 years	6,693	8,391	8,660	7,610	6,244	6,311
65 years and over	5,897	7,654	9,864	10,508	10,333	11,327
65–74 years	3,163	4,057	4,943	5,011	4,689	4,894
75–84 years	2,099	2,728	3,611	3,969	3,949	4,378
85 years and over	635	869	1,310	1,528	1,694	2,055
Rate of discharges per 1,000 population						
All ages	144.3	159.2	167.7	148.4	124.3	119.1
Under 15 years	66.8	70.4	71.6	57.7	44.6	39.2
15–44 years	154.6	152.4	150.1	125.0	101.6	93.2
45–64 years	159.6	191.8	194.8	170.8	135.0	124.1
65 years and over	293.3	337.3	383.7	369.8	330.9	341.6
65–74 years	253.2	291.5	315.8	297.3	259.1	261.5
75–84 years	339.5	392.1	463.9	446.4	391.8	400.7
85 years and over	443.7	477.1	576.4	572.9	555.7	583.4
Number of days of care in thousands						
All ages	226,445	262,389	274,508	226,217	197,422	177,179
Under 15 years	18,189	17,554	16,191	13,554	11,655	10,848
15–44 years	71,605	80,687	81,951	67,397	54,062	45,904
45–64 years	62,419	75,393	71,008	53,541	42,153	36,992
65 years and over	74,232	88,754	105,358	91,726	89,552	83,436
65–74 years	37,873	44,963	49,253	41,090	37,422	33,658
75–84 years	27,633	32,906	40,355	36,024	35,926	33,268
85 years and over	8,726	10,886	15,750	14,612	16,204	16,509
Rate of days of care per 1,000 population						
All ages	1,121.6	1,227.3	1,216.7	957.7	796.9	684.3
Under 15 years	313.9	322.9	315.7	263.0	215.4	189.2
15–44 years	874.0	867.9	786.8	603.3	465.3	390.4
45–64 years	1,488.8	1,723.0	1,596.9	1,201.6	911.5	727.5
65 years and over	3,691.9	3,910.6	4,098.4	3,228.0	2,867.7	2,516.3
65–74 years	3,031.6	3,230.8	3,147.0	2,437.3	2,067.0	1,798.7
75–84 years	4,469.2	4,729.2	5,183.7	4,052.2	3,564.1	3,045.2
85 years and over	6,102.1	5,978.1	6,932.1	5,478.7	5,314.7	4,687.5
Average length of stay in days						
All ages	7.8	7.7	7.3	6.5	6.4	5.7
Under 15 years	4.7	4.6	4.4	4.6	4.8	4.8
15–44 years	5.7	5.7	5.2	4.8	4.6	4.2
45–64 years	9.3	9.0	8.2	7.0	6.8	5.9
65 years and over	12.6	11.6	10.7	8.7	8.7	7.4
65–74 years	12.0	11.1	10.0	8.2	8.0	6.9
75–84 years	13.2	12.1	11.2	9.1	9.1	7.6
85 years and over	13.7	12.5	12.0	9.6	9.6	8.0

The proportion of discharges with surgical procedures ranged from 25 percent for children under 15 years of age to 56 percent for patients 15–44 years of age, many of whom have procedures related to childbirth. At least one surgical procedure was performed

on 49 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 20 percent of discharges who had no procedures. NCHS has published a report on the underreporting of race in the NHDS (16).

An estimated total of 22.6 million surgical 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 diagnoses: United States, 1994[Discharges 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	30,843	1,191.2	177,179	6,842.7	5.7
Heart disease 391-392.0,393-398,402,404,410-416,420-429	4,057	156.7	24,262	937.0	6.0
Acute myocardial infarction 410	759	29.3	5,402	208.6	7.1
Coronary atherosclerosis 414.0	683	26.4	3,667	141.6	5.4
Other ischemic heart disease 411-413, 414.1-414.9	674	26.0	2,746	106.0	4.1
Cardiac dysrhythmias 427	614	23.7	3,004	116.0	4.9
Congestive heart failure 428.0	874	33.8	6,230	240.6	7.1
Females with deliveries V27	3,901	150.7	9,339	360.7	2.4
Malignant neoplasms 140-208,230-234	1,443	55.7	11,432	441.5	7.9
Malignant neoplasm of large intestine and rectum 153-154,197.5	146	5.6	1,635	63.2	11.2
Malignant neoplasm of trachea, bronchus, and lung 162,176.4,197.0,197.3	208	8.0	1,701	65.7	8.2
Malignant neoplasm of breast 174-175,198.81	139	5.4	544	21.0	3.9
Psychosis 290-299	1,243	48.0	14,154	546.6	11.4
Pneumonia 480-486	1,190	46.0	8,499	328.2	7.1
Fractures 800-829	987	38.1	6,908	266.8	7.0
Fracture of neck of femur 820	301	11.6	2,820	108.9	9.4
Cerebrovascular disease 430-438	885	34.2	6,450	249.1	7.3
Arthropathies and related disorders 710-719	546	21.1	3,186	123.0	5.8
Diabetes mellitus 250	502	19.4	3,181	122.9	6.3
Asthma 493	451	17.4	1,820	70.3	4.0
Cholelithiasis 574	435	16.8	1,867	72.1	4.3
Benign neoplasms and neoplasms of uncertain behavior and unspecified nature 210-229,235-239	393	15.2	1,794	69.3	4.6
Volume depletion 276.5	376	14.5	2,174	84.0	5.8
Intervertebral disc disorders 722	370	14.3	1,515	58.5	4.1
Acute respiratory infections 460-466	349	13.5	1,400	54.1	4.0
Noninfectious enteritis and colitis 555-558	333	12.9	1,614	62.3	4.8
Urinary tract infection, site not specified 599.0	325	12.5	2,080	80.3	6.4
Cellulitis and abscess 681-682	318	12.3	1,979	76.4	6.2

¹Includes data for diagnostic conditions not shown in table.

inpatients who had surgery (table E). When multiple procedures were performed on an individual 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 1994, a total of 501,000 CABG procedures were performed for 318,000 discharges. Thus, the number of CABG procedures should not be equated with the number of patients having the procedure.

Four obstetrical procedures accounted for 18 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 19.6 for artificial rupture of membranes and 22.0 for cesarean

section. There were 49.7 episiotomies and 29.9 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 10 percent of all surgical procedures on hospital inpatients.

Inpatients discharged from short-stay hospitals had an estimated 18 million nonsurgical procedures (table F). Five nonsurgical procedures were performed at least a million times. These were arteriography and angiocardiology using contrast material (1.8 million), diagnostic ultrasound (1.3 million), respiratory therapy (1.2 million), fetal EKG and fetal monitoring (1.1 million), and computerized axial tomography (1.0

million). These five procedures accounted for 35 percent of all nonsurgical procedures. Fetal EKG and fetal monitoring were performed at the rate of 28.2 per 100 deliveries.

An estimated 7.2 million surgical procedures were performed on discharges 65 years of age and over (table G). Four cardiovascular procedures accounted for 17 percent of the surgical procedures on the elderly. These four procedures were cardiac catheterization; insertion, replacement, removal, and revision of pacemaker leads or device; coronary artery bypass graft; and removal of coronary artery obstruction. Esophagogastro-duodenoscopy (EGD) 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

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 diagnoses: United States, 1994[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	65 years and over	65-74 years	75-84 years	85 years and over
		Discharges in thousands		
All conditions ¹	11,327	4,894	4,378	2,055
Heart disease 391-392.0,393-398,402,404,410-416,420-429	2,606	1,141	1,038	427
Acute myocardial infarction 410	453	208	180	65
Coronary atherosclerosis 414.0	365	214	135	16
Other ischemic heart disease 411-413,414.1-414.9	392	198	141	53
Cardiac dysrhythmias 427	425	180	180	64
Congestive heart failure 428.0	696	223	292	181
Malignant neoplasms 140-208,230-234	790	442	263	85
Malignant neoplasm of large intestine and rectum 153-154, 197.5	107	48	41	18
Malignant neoplasm of trachea, bronchus, and lung 162,176.4,197.0,197.3	126	80	40	*6
Cerebrovascular disease 430-438	678	256	285	136
Pneumonia 480-486	632	201	250	182
Fractures 800-829	480	128	192	161
Fracture of neck of femur 820	270	49	117	104
Arthropathies and related disorders 710-719	298	164	111	23
Psychosis 290-299	233	100	95	39
Urinary tract infection, not specified 599.0	228	63	88	78
Volume depletion 276.5	200	61	75	64
Septicemia 038	189	63	75	51
Diabetes mellitus 250	188	96	71	21
		Discharge rate per 10,000 population		
All conditions ¹	3,415.9	2,615.5	4,007.1	5,833.9
Heart disease 391-392.0,393-398,402,404,410-416,420-429	785.9	609.6	950.5	1,212.2
Acute myocardial infarction 410	136.7	111.1	164.7	185.9
Coronary atherosclerosis 414.0	110.1	114.4	123.4	45.9
Other ischemic heart disease 411-413,414.1-414.9	118.4	105.8	129.0	151.9
Cardiac dysrhythmias 427	128.1	96.3	165.0	182.2
Congestive heart failure 428.0	210.0	119.2	267.5	513.4
Malignant neoplasms 140-208, 230-234	238.2	236.1	240.7	241.6
Malignant neoplasm of large intestine and rectum 153-154, 197.5	32.4	25.7	37.9	50.5
Malignant neoplasm of trachea, bronchus, and lung 162,176.4,197.0,197.3	37.9	42.6	36.2	*18.3
Cerebrovascular disease 430-438	204.4	137.1	261.2	385.9
Pneumonia 480-486	190.7	107.3	228.7	515.8
Fractures 800-829	144.8	68.2	175.6	455.8
Fracture of neck of femur 820	81.5	26.4	107.0	295.4
Arthropathies and related disorders 710-719	89.8	87.8	101.4	64.1
Psychosis 290-299	70.3	53.3	86.5	109.8
Urinary tract infection, not specified 599.0	68.9	33.4	80.3	221.7
Volume depletion 276.5	60.2	32.4	68.4	182.5
Septicemia 038	56.9	33.5	68.8	144.2
Diabetes mellitus 250	56.7	51.3	64.9	59.7
		Average length of stay in days		
All conditions ¹	7.4	6.9	7.6	8.0
Heart disease 391-392.0,393-398,402,404,410-416,420-429	6.5	6.1	6.6	7.2
Acute myocardial infarction 410	8.0	7.6	8.4	7.9
Coronary atherosclerosis 414.0	5.9	5.8	6.2	5.2
Other ischemic heart disease 411-413,414.1-414.9	4.5	4.3	4.6	4.8
Cardiac dysrhythmias 427	5.3	4.6	5.5	6.8
Congestive heart failure 428.0	7.2	7.1	6.9	7.9
Malignant neoplasms 140-208,230-234	8.5	8.0	9.1	8.6
Malignant neoplasm of large intestine and rectum 153-154,197.5	11.5	11.1	12.0	11.5
Malignant neoplasm of trachea, bronchus, and lung 162,176.4,197.0,197.3	9.0	8.5	10.0	*9.6
Cerebrovascular disease 430-438	7.3	7.0	7.4	7.7
Pneumonia 480-486	8.2	7.6	7.9	9.3
Fractures 800-829	8.5	7.8	8.7	8.8
Fracture of neck of femur 820	9.6	8.7	9.6	9.9
Arthropathies and related disorders 710-719	6.7	6.5	7.1	6.5
Psychosis 290-299	13.2	13.8	12.4	13.6
Urinary tract infection, not specified 599.0	6.8	6.4	7.1	6.9
Volume depletion 276.5	7.5	7.0	7.6	7.9
Septicemia 038	10.1	9.3	11.4	9.3
Diabetes mellitus 250	8.2	8.8	7.8	7.0

* Figure does not meet standard of reliability or precision.

¹Includes data for diagnostic conditions not shown in table.

Table D. Number of discharges from short-stay hospitals with and without procedures and percent with procedures, by selected characteristics: United States, 1994

[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
				Percent		
Number in thousands			Percent			
All patients	30,843	11,257	19,586	14,053	63.5	45.6
Age						
Under 15 years	2,249	1,221	1,028	567	45.7	25.2
15–44 years	10,956	3,097	7,860	6,157	71.7	56.2
45–64 years	6,311	2,144	4,167	2,965	66.0	47.0
65 years and over	11,327	4,795	6,532	4,365	57.7	38.5
65–74 years	4,894	1,823	3,071	2,175	62.7	44.4
75–84 years	4,378	1,893	2,484	1,624	56.8	37.1
85 years and over	2,055	1,078	977	566	47.5	27.5
Sex						
Male	12,293	4,875	7,418	4,996	60.3	40.6
Female	18,550	6,382	12,168	9,057	65.6	48.8
Race						
White	20,003	7,315	12,688	9,222	63.4	46.1
Black	3,711	1,412	2,299	1,425	62.0	38.4
All other	1,351	324	1,027	710	76.0	52.5
Not stated	5,777	2,206	3,572	2,697	61.8	46.7
Region						
Northeast	7,128	2,277	4,852	3,208	68.1	45.0
Midwest	7,133	3,032	4,101	3,088	57.5	43.3
South	11,310	4,544	6,766	5,077	59.8	44.9
West	5,271	1,404	3,867	2,680	73.4	50.8

Note: See appendix for definition of surgical procedures.

years of age and over was 7.1 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.

HIV Diagnoses

The estimated number of discharges with a diagnosis of human immunodeficiency virus (HIV) was 234,000 in 1994 compared with 146,000 in 1990 (table J). The discharge rate was 90 per 100,000 population in 1994. These data include discharges with acquired immunodeficiency syndrome (AIDS), with HIV and associated conditions, and with positive serological or viral culture findings for HIV.

The number and rate of discharges with an HIV diagnosis for 1990–94 are shown in table J by sex, age, race,

and region. In 1994, 76 percent of HIV discharges were male, 73 percent were 25–44 years old, 36 percent were white, 44 percent were black, and 39 percent were from hospitals in the Northeast.

In 1994, the discharge rate was 140 per 100,000 population for males with HIV and 43 per 100,000 population for females with HIV. Black patients with an HIV diagnosis had a discharge rate of 317 per 100,000 population compared with a rate of 40 for white HIV patients. These rates may be underestimated, however, because race was not reported for 15 percent of HIV patients in 1994. NCHS has published a report on the underreporting of race in the NHDS (16). The rate per 100,000 population of discharges with an HIV diagnosis was 178 in the Northeast, compared with 87 in the South, 56 in the West, and 53 in the Midwest.

Hospital Deaths

In 1994, approximately 95.7 percent of discharges left short-stay hospitals alive, 2.7 percent were discharged dead, and 1.6 percent did not have a reported discharge status. The estimated 826,000 patients discharged dead represented approximately 36 percent of all deaths in the resident population during 1994 (17).

As shown in table K, 429,000 (52 percent) of hospital deaths were female and 397,000 (48 percent) were male. Patients 65 years of age and over accounted for 616,000 hospital deaths (75 percent). The fatality rate was 3.2 per 100 discharges for males compared with 2.3 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 5.4 per 100 discharges.

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

Table E. Number and rate of all-listed surgical procedures for discharges from short-stay hospitals, by selected procedure categories: United States, 1994

[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	22,629	8,739.0
Episiotomy with or without forceps or vacuum extraction	1,512	584.0
Cardiac catheterization	1,048	404.6
Repair of current obstetric laceration	910	351.6
Cesarean section	858	331.5
Artificial rupture of membranes	766	295.9
Hysterectomy	556	214.7
Coronary artery bypass graft	501	193.6
Cholecystectomy	463	178.8
Oophorectomy and salpingo-oophorectomy	445	171.9
Removal of coronary artery obstruction	428	165.2
Open reduction of fracture with internal fixation	399	154.0
Esophagogastroduodenoscopy (EGD) with closed biopsy	387	149.3
Bilateral destruction or occlusion of fallopian tubes	362	139.6
Insertion, replacement, removal, and revision of pacemaker leads or device	328	126.8
Lysis of peritoneal adhesions	328	126.8
Debridement of wound, infection, or burn	327	126.3
Excision or destruction of intervertebral disc	317	122.5
Appendectomy, excluding incidental	280	108.0
Prostatectomy	263	101.4

¹Includes data for surgical procedures 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 procedure categories: United States, 1994

[Discharges of inpatients from non-Federal short-stay 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
Nonsurgical procedures ¹	18,081	6,983.0
Arteriography and angiocardiology using contrast material	1,804	696.5
Diagnostic ultrasound	1,310	505.8
Respiratory therapy	1,174	453.2
Fetal EKG and fetal monitoring	1,099	424.3
Computerized axial tomography	1,028	397.1
Manual assisted delivery	974	376.1
Endoscopy of small intestine without biopsy	488	188.3
Circulatory monitoring	427	164.8
Endoscopy of large intestine without biopsy	363	140.2
Radioisotope scan	355	137.0
Injection or infusion of cancer chemotherapeutic substance	353	136.5
Medical induction of labor	350	135.0
Hemodialysis	348	134.3
Spinal tap	328	126.5
Cystoscopy without biopsy	249	96.3

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

selected conditions. Heart disease and malignant neoplasms were the first-listed diagnoses for 306,000 (37 percent) of all hospital deaths. Fatality rates of at least

10 per 100 discharges were found for septicemia (16.9 per 100 discharges); malignant neoplasm of trachea, bronchus, and lung (15.7 per 100

discharges); and acute myocardial infarction (10.1 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*.

Average lengths of stay are shown by discharge status in table M. The average length of stay for discharges of live patients was 5.6 days compared with 10.4 days for those who died in the hospital.

Newborn Infants

Newborn infants are defined as patients admitted to the hospital by birth. In 1994, the number of newborn infants was estimated at 3,749,000. The number of live births in 1994 from the vital statistics system was 3,952,767 (18). Data from the vital statistics system represent a complete count and include births outside of the hospital. Births from the 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 35 percent of newborn infants compared with 23 percent in the West, 22 percent in the Midwest, and 20 percent in the Northeast. The average length of stay was 2.9 days for all newborn infants and ranged from 3.2 days in the Northeast region to 2.4 days in the West region. Seventy-three percent of all newborn infants were hospitalized for less than 3 days and 40 percent stayed 1 day or less (table O). In 1980, only 31 percent of newborn infants were in the hospital for

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 procedure categories: United States, 1994[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	65 years and over	65-74 years	75-84 years	85 years and over
	Number in thousands			
Surgical procedures ¹	7,195	3,702	2,645	848
Cardiac catheterization 37.21-37.23	502	314	172	17
Insertion, replacement, removal, and repair of pacemaker leads or device 37.7-37.8	275	90	134	51
Coronary artery bypass graft 36.1	265	179	81	*5
Esophagogastroduodenoscopy (EGD) with closed biopsy 45.16	218	85	94	38
Removal of coronary artery obstruction 36.0	203	133	65	*
Prostatectomy 60.2-60.6	200	117	64	19
Open reduction of fracture with internal fixation 79.3	171	53	65	53
Cholecystectomy 51.2	161	89	57	14
Total knee replacement 81.54	151	90	55	*6
Debridement of wound, infection, or burn 86.22,86.28	133	54	50	28
	Rate per 100,000 population			
Surgical procedures ¹	21,698.4	19,785.3	24,210.3	24,065.1
Cardiac catheterization 37.21-37.23	1,514.9	1,677.1	1,571.7	476.9
Insertion, replacement, removal, and repair of pacemaker leads or device 37.7-37.8	828.6	481.7	1,225.7	1,439.8
Coronary artery bypass graft 36.1	800.2	957.8	739.1	*151.9
Esophagogastroduodenoscopy (EGD) with closed biopsy 45.16	658.2	456.7	863.3	1,092.1
Removal of coronary artery obstruction 36.0	611.4	710.2	596.7	*
Prostatectomy 60.2-60.6	603.1	623.2	586.4	548.0
Open reduction of fracture, with internal fixation 79.3	515.3	283.7	593.2	1,504.0
Cholecystectomy 51.2	485.1	478.3	520.7	410.8
Total knee replacement 81.54	454.9	482.2	499.8	*170.6
Debridement of wound, infection, or burn 86.22,86.28	399.6	291.0	458.0	795.8

* 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.

fewer than 3 days, and 9 percent stayed 1 day or less.

Well newborn infants are defined as those that did not have any illnesses or risk-related diagnoses. Sick newborn infants had at least one diagnosis in addition to the diagnosis of newborn infant. Using this definition, 48 percent of male newborn infants and 45 percent of female newborn infants were classified as sick in 1994 (table P). The average length of stay for sick newborn infants in 1994 was 4.2 days, compared with an average stay of 1.8 days for well newborn infants.

Frequent diagnoses for sick newborn infants are shown in table Q. The number of all-listed diagnoses for sick newborns includes only the sick or illness-related diagnoses listed in the medical record. Hemolytic disease of fetus or newborn, due to isoimmunization and other perinatal jaundice, accounted for 14 percent of sick newborn diagnoses. Respiratory

distress syndrome and other respiratory conditions of fetus and newborn made up 10 percent of sick newborn diagnoses, congenital anomalies were 8 percent, disorders relating to short gestation and unspecified low birthweight (prematurity) were 7 percent, and disorders relating to long gestation and high birthweight were 6 percent.

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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 procedure categories: United States, 1994

[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	65 years and over	65-74 years	75-84 years	85 years and over
Number in thousands				
Nonsurgical procedures ¹	7,082	3,192	2,774	1,115
Arteriography and angiocardiography using contrast material 88.4-88.5	902	555	307	40
Diagnostic ultrasound 88.7	630	270	250	110
Respiratory therapy 93.9,96.7	556	223	226	106
Computerized axial tomography 87.03,87.41,87.71,88.01,88.38	498	193	211	94
Endoscopy of small intestine without biopsy 45.11-45.13	271	101	116	53
Endoscopy of large intestine without biopsy 45.21-45.24	236	85	101	50
Circulatory monitoring 89.6	229	92	97	41
Radioisotope scan 92.0-92.1	183	86	73	23
Hemodialysis 39.95	157	91	55	11
Cystoscopy without biopsy 57.31-57.32	143	65	53	25
Rate per 100,000 population				
Nonsurgical procedures ¹	21,358.3	17,060.4	25,393.0	31,671.2
Arteriography and angiocardiography using contrast material 88.4-88.5	2,720.6	2,966.9	2,812.0	1,127.8
Diagnostic ultrasound 88.7	1,900.2	1,441.3	2,288.6	3,132.2
Respiratory therapy 93.9	1,675.4	1,192.0	2,071.1	3,015.7
Computerized axial tomography 87.03,87.41,87.71,88.01,88.38	1,502.6	1,032.8	1,931.4	2,668.5
Endoscopy of small intestine without biopsy 45.11-45.13	815.8	542.2	1,059.4	1,513.3
Endoscopy of large intestine without biopsy 45.21-45.24	713.0	454.7	926.2	1,423.4
Circulatory monitoring 89.6	690.3	489.8	883.7	1,156.0
Radioisotope scan 92.0-92.1	551.2	460.9	671.4	657.6
Hemodialysis 39.95	473.5	485.1	503.5	318.2
Cystoscopy without biopsy 57.31-57.32	431.3	346.2	489.1	703.8

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

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Table J. Number and rate of discharges from short-stay hospitals with human immunodeficiency virus diagnoses, by selected characteristics: United States, 1990–94[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]

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

* Figure does not meet standard of reliability or precision.

... Category not applicable.

¹ HIV is human immunodeficiency virus.² Numbers 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, 1994**

[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	826	397	429	2.7	3.2	2.3
Under 65 years	210	116	93	1.1	1.5	0.8
Under 15 years	16	9	*7	0.7	0.7	*0.7
15–44 years	59	37	23	0.5	1.2	0.3
45–64 years	134	71	63	2.1	2.3	2.0
65 years and over	616	281	336	5.4	5.9	5.1
65–74 years	197	107	91	4.0	4.6	3.5
75–84 years	246	114	133	5.6	6.3	5.1
85 years and over	173	60	112	8.4	9.6	7.9

* 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, 1994[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	All ages	Under 65 years	65 years and over
	Number in thousands			Rate per 100 discharges		
All deaths ¹	826	210	616	2.7	1.1	5.4
Heart disease 391-392.0,393-398,402,404,410-416,420-429	187	29	158	4.6	2.0	6.1
Acute myocardial infarction 410	76	12	65	10.1	3.8	14.3
Congestive heart failure 428.0	54	*	50	6.2	*	7.1
Cardiac dysrhythmias 427	22	*6	16	3.6	*3.2	3.7
Chronic ischemic heart disease 411-414	12	*	10	0.8	*	1.2
Malignant neoplasms 140-208,230-234	119	46	73	8.3	7.1	9.2
Malignant neoplasms of trachea, bronchus, and lung 162,176.4,197.0,197.3	33	10	23	15.7	11.9	18.2
Pneumonia 480-486	69	15	55	5.8	2.6	8.7
Cerebrovascular disease 430-438	60	12	49	6.8	5.6	7.2
Septicemia 038	51	10	41	16.9	9.0	21.7
Injury and poisoning 800-999	41	15	25	1.6	0.9	2.8

* 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, 1994**

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

Age	Discharge status					
	Both sexes	Alive		Both sexes	Dead	
		Male	Female		Male	Female
	Average length of stay in days					
All ages	5.6	6.1	5.3	10.4	10.7	10.2
Under 65 years	4.7	5.6	4.2	11.5	11.7	11.2
Under 15 years	4.7	4.8	4.7	18.1	21.6	*13.7
15-44 years	4.2	5.7	3.5	11.2	12.1	9.8
45-64 years	5.7	5.7	5.8	10.8	10.3	11.4
65 years and over	7.2	6.9	7.4	10.1	10.2	9.9
65-74 years	6.7	6.5	6.9	10.8	10.2	11.4
75-84 years	7.4	7.2	7.5	10.7	10.7	10.7
85 years and over	8.0	7.7	8.1	8.4	9.2	8.0

* 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, 1994

[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	3,749	100.0	2.9
Sex			
Male	1,935	51.6	2.9
Female	1,815	48.4	2.9
Region			
Northeast	751	20.0	3.2
Midwest	817	21.8	2.8
South	1,315	35.1	3.1
West	866	23.1	2.4

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 1980–94

[Discharges of inpatients from non-Federal hospitals]

Length of stay and health status	1980	1985	1990	1994
Length of stay				
	Number in thousands			
All newborn infants	3,824	3,794	3,869	3,749
Less than 1 day	69	84	79	88
1 day	270	428	693	1,400
2 days	842	1,057	1,624	1,263
3 days	1,175	1,034	636	533
4 days	618	528	447	186
5–7 days	633	497	232	131
8 days or more	218	167	157	148
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	37.4
2 days	22.0	27.9	42.0	33.7
3 days	30.7	27.3	16.4	14.2
4 days	16.2	13.9	11.6	5.0
5–7 days	16.5	13.1	6.0	3.5
8 days or more	5.7	4.4	4.1	4.0
Health status				
	Average length of stay in days			
All newborn infants	4.3	3.8	3.3	2.9
Well ¹	3.2	2.8	2.3	1.8
Sick ²	7.1	5.7	4.8	4.2

¹Without any illness or risk-related diagnoses.²With at least one illness or risk-related diagnosis.**Table P. Number and average length of stay of newborn infants discharged from short-stay hospitals, by sex and health status: United States, 1994**

[Discharges of inpatients from non-Federal hospitals]

Health status	Both sexes	Male	Female
Number in thousands			
Total	3,749	1,935	1,815
Well ¹	2,011	1,007	1,004
Sick ²	1,738	928	811
Average length of stay in days			
Total	2.9	2.9	2.9
Well ¹	1.8	1.8	1.8
Sick ²	4.2	4.2	4.2

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

Table Q. Number of all-listed diagnoses for sick newborn infants discharged from short-stay hospitals, by sex and selected diagnoses: United States, 1994[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)*]

All-listed diagnoses and ICD-9-CM code	Both sexes	Male	Female
		Number in thousands	
All diagnoses for sick newborn infants ^{1,2}	3,051	1,689	1,362
Hemolytic disease of fetus or newborn, due to isoimmunization and other perinatal jaundice 773-774	422	222	200
Respiratory distress syndrome and other respiratory conditions of fetus and newborn 769-770	297	183	113
Congenital anomalies 740-759	242	138	105
Disorders relating to short gestation and unspecified low birthweight (prematurity) 765	209	116	93
Disorders relating to long gestation and high birthweight 766	188	115	73

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

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, 1994

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

Sex 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 ages	30,843	100.0	119.1	177,179	100.0	684.3	5.7
Under 15 years	2,249	7.3	39.2	10,848	6.1	189.2	4.8
Under 1 year	730	2.4	188.6	4,214	2.4	1,088.9	5.8
1-4 years	683	2.2	43.1	2,356	1.3	148.6	3.4
5-14 years	836	2.7	22.2	4,278	2.4	113.7	5.1
15-44 years	10,956	35.5	93.2	45,904	25.9	390.4	4.2
15-19 years	1,312	4.3	74.9	5,216	2.9	297.8	4.0
20-24 years	1,842	6.0	103.0	6,225	3.5	348.2	3.4
25-34 years	4,377	14.2	107.2	16,845	9.5	412.8	3.8
35-44 years	3,425	11.1	82.8	17,617	9.9	425.8	5.1
45-64 years	6,311	20.5	124.1	36,992	20.9	727.5	5.9
45-54 years	3,061	9.9	102.6	17,054	9.6	571.6	5.6
55-64 years	3,250	10.5	154.6	19,938	11.3	948.7	6.1
65 years and over	11,327	36.7	341.6	83,436	47.1	2,516.3	7.4
65-74 years	4,894	15.9	261.5	33,658	19.0	1,798.7	6.9
75-84 years	4,378	14.2	400.7	33,268	18.8	3,045.2	7.6
85 years and over	2,055	6.7	583.4	16,509	9.3	4,687.5	8.0
Under 17 years	2,665	8.6	41.4	12,873	7.3	199.7	4.8
17-69 years	19,220	62.3	112.2	96,794	54.6	565.1	5.0
70 years and over	8,958	29.0	386.3	67,513	38.1	2,911.5	7.5
Male							
All ages	12,293	100.0	97.7	76,750	100.0	609.9	6.2
Under 15 years	1,272	10.3	43.3	6,209	8.1	211.5	4.9
Under 1 year	423	3.4	213.6	2,368	3.1	1,195.3	5.6
1-4 years	391	3.2	48.2	1,331	1.7	164.0	3.4
5-14 years	457	3.7	23.7	2,510	3.3	130.3	5.5
15-44 years	3,146	25.6	53.8	18,316	23.9	313.3	5.8
15-19 years	357	2.9	39.9	1,941	2.5	216.9	5.4
20-24 years	348	2.8	39.0	1,853	2.4	207.7	5.3
25-34 years	1,021	8.3	50.5	5,920	7.7	293.1	5.8
35-44 years	1,421	11.6	69.7	8,602	11.2	421.8	6.1
45-64 years	3,120	25.4	127.1	18,181	23.7	740.9	5.8
45-54 years	1,469	11.9	100.9	8,384	10.9	576.0	5.7
55-64 years	1,651	13.4	165.4	9,796	12.8	981.4	5.9
65 years and over	4,756	38.7	353.0	34,044	44.4	2,526.5	7.2
65-74 years	2,328	18.9	280.9	15,575	20.3	1,878.8	6.7
75-84 years	1,798	14.6	427.6	13,477	17.6	3,204.2	7.5
85 years and over	629	5.1	642.2	4,992	6.5	5,094.3	7.9
Under 17 years	1,415	11.5	42.9	6,977	9.1	211.4	4.9
17-69 years	7,282	59.2	86.8	43,279	56.4	516.1	5.9
70 years and over	3,597	29.3	400.8	26,494	34.5	2,952.0	7.4

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, 1994—Con.

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

Sex 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
Female							
All ages	18,550	100.0	139.4	100,429	100.0	754.6	5.4
Under 15 years	978	5.3	34.9	4,639	4.6	165.7	4.7
Under 1 year	307	1.7	162.5	1,846	1.8	977.3	6.0
1–4 years	292	1.6	37.7	1,025	1.0	132.4	3.5
5–14 years	379	2.0	20.6	1,767	1.8	96.3	4.7
15–44 years	7,810	42.1	132.1	27,588	27.5	466.7	3.5
15–19 years	955	5.1	111.5	3,275	3.3	382.3	3.4
20–24 years	1,494	8.1	166.8	4,373	4.4	488.1	2.9
25–34 years	3,356	18.1	162.8	10,925	10.9	530.0	3.3
35–44 years	2,005	10.8	95.6	9,015	9.0	429.7	4.5
45–64 years	3,191	17.2	121.3	18,811	18.7	715.0	5.9
45–54 years	1,592	8.6	104.2	8,670	8.6	567.5	5.4
55–64 years	1,599	8.6	144.9	10,141	10.1	919.1	6.3
65 years and over	6,571	35.4	333.8	49,391	49.2	2,509.3	7.5
65–74 years	2,566	13.8	246.2	18,083	18.0	1,735.1	7.0
75–84 years	2,579	13.9	383.9	19,792	19.7	2,945.6	7.7
85 years and over	1,425	7.7	560.7	11,517	11.5	4,530.6	8.1
Under 17 years	1,251	6.7	39.8	5,895	5.9	187.5	4.7
17–69 years	11,938	64.4	136.5	53,514	53.3	612.0	4.5
70 years and over	5,361	28.9	377.2	41,019	40.8	2,886.2	7.7

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, 1994

[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	30,843	100.0	119.1	177,179	100.0	684.3	5.7
Under 15 years	2,249	7.3	39.2	10,848	6.1	189.2	4.8
15-44 years	10,956	35.5	93.2	45,904	25.9	390.4	4.2
45-64 years	6,311	20.5	124.1	36,992	20.9	727.5	5.9
65 years and over	11,327	36.7	341.6	83,436	47.1	2,516.3	7.4
White, all ages	20,003	64.9	92.9	117,236	66.2	544.3	5.9
Under 15 years	1,193	3.9	26.2	5,699	3.2	125.2	4.8
15-44 years	6,388	20.7	66.3	26,630	15.0	276.4	4.2
45-64 years	4,260	13.8	97.3	24,459	13.8	558.7	5.7
65 years and over	8,162	26.5	274.4	60,448	34.1	2,031.8	7.4
Black, all ages	3,711	12.0	114.5	22,436	12.7	692.4	6.0
Under 15 years	430	1.4	48.2	2,005	1.1	224.8	4.7
15-44 years	1,710	5.5	109.4	8,393	4.7	536.8	4.9
45-64 years	764	2.5	147.7	5,125	2.9	991.4	6.7
65 years and over	807	2.6	301.2	6,912	3.9	2,579.2	8.6
All other, all ages	1,351	4.4	121.2	7,125	4.0	638.9	5.3
Under 15 years	140	0.5	48.2	726	0.4	249.7	5.2
15-44 years	671	2.2	119.4	2,467	1.4	439.2	3.7
45-64 years	234	0.8	123.3	1,461	0.8	768.3	6.2
65 years and over	306	1.0	421.3	2,471	1.4	3,399.0	8.1
Race not stated, all ages	5,777	18.7	...	30,382	17.1	...	5.3
Under 15 years	486	1.6	...	2,418	1.4	...	5.0
15-44 years	2,187	7.1	...	8,414	4.7	...	3.8
45-64 years	1,053	3.4	...	5,947	3.4	...	5.6
65 years and over	2,051	6.6	...	13,604	7.7	...	6.6
Male							
All races, all ages	12,293	100.0	97.7	76,750	100.0	609.9	6.2
Under 15 years	1,272	10.3	43.3	6,209	8.1	211.5	4.9
15-44 years	3,146	25.6	53.8	18,316	23.9	313.3	5.8
45-64 years	3,120	25.4	127.1	18,181	23.7	740.9	5.8
65 years and over	4,756	38.7	353.0	34,044	44.4	2,526.5	7.2
White, all ages	8,045	65.4	76.5	50,200	65.4	477.4	6.2
Under 15 years	675	5.5	28.9	3,293	4.3	141.0	4.9
15-44 years	1,885	15.3	39.0	10,630	13.8	220.0	5.6
45-64 years	2,112	17.2	98.9	12,069	15.7	565.2	5.7
65 years and over	3,373	27.4	278.1	24,208	31.5	1,995.7	7.2
Black, all ages	1,491	12.1	97.6	10,000	13.0	654.7	6.7
Under 15 years	243	2.0	53.8	1,126	1.5	248.9	4.6
15-44 years	543	4.4	73.3	3,518	4.6	474.6	6.5
45-64 years	366	3.0	158.8	2,512	3.3	1,090.7	6.9
65 years and over	338	2.8	326.7	2,845	3.7	2,745.9	8.4
All other, all ages	485	3.9	89.7	3,199	4.2	592.1	6.6
Under 15 years	79	0.6	53.1	399	0.5	269.6	5.1
15-44 years	148	1.2	54.1	959	1.3	351.5	6.5
45-64 years	117	1.0	132.2	722	0.9	816.0	6.2
65 years and over	142	1.2	458.5	1,119	1.5	3,620.5	7.9
Race not stated, all ages	2,273	18.5	...	13,352	17.4	...	5.9
Under 15 years	275	2.2	...	1,392	1.8	...	5.1
15-44 years	570	4.6	...	3,209	4.2	...	5.6
45-64 years	525	4.3	...	2,878	3.7	...	5.5
65 years and over	903	7.3	...	5,873	7.7	...	6.5

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, 1994—Con.

[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
Female							
All races, all ages	18,550	100.0	139.4	100,429	100.0	754.6	5.4
Under 15 years	978	5.3	34.9	4,639	4.6	165.7	4.7
15–44 years	7,810	42.1	132.1	27,588	27.5	466.7	3.5
45–64 years	3,191	17.2	121.3	18,811	18.7	715.0	5.9
65 years and over	6,571	35.4	333.8	49,391	49.2	2,509.3	7.5
White, all ages	11,959	64.5	108.5	67,037	66.8	608.2	5.6
Under 15 years	518	2.8	23.4	2,406	2.4	108.6	4.6
15–44 years	4,503	24.3	93.8	16,000	15.9	333.3	3.6
45–64 years	2,148	11.6	95.8	12,390	12.3	552.4	5.8
65 years and over	4,789	25.8	271.8	36,240	36.1	2,056.6	7.6
Black, all ages	2,221	12.0	129.6	12,436	12.4	725.9	5.6
Under 15 years	187	1.0	42.4	880	0.9	200.0	4.7
15–44 years	1,167	6.3	141.9	4,875	4.9	592.9	4.2
45–64 years	398	2.1	138.9	2,614	2.6	911.6	6.6
65 years and over	469	2.5	285.2	4,068	4.1	2,474.2	8.7
All other, all ages	867	4.7	150.8	3,925	3.9	683.0	4.5
Under 15 years	62	0.3	43.1	327	0.3	229.1	5.3
15–44 years	523	2.8	181.2	1,507	1.5	522.3	2.9
45–64 years	117	0.6	115.7	738	0.7	727.5	6.3
65 years and over	165	0.9	392.8	1,352	1.3	3,227.5	8.2
Race not stated, all ages	3,504	18.9	...	17,031	17.0	...	4.9
Under 15 years	211	1.1	...	1,026	1.0	...	4.9
15–44 years	1,617	8.7	...	5,205	5.2	...	3.2
45–64 years	527	2.8	...	3,069	3.1	...	5.8
65 years and over	1,148	6.2	...	7,731	7.7	...	6.7

... 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, 1994

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

Region and age	All principal expected sources of payment ¹	Private insurance	Medicare	Medicaid	Worker's compensation	Other government payments	Self-pay	Other payments and no charge
United States								
Number of discharges in thousands								
All ages	30,843	10,517	11,605	4,587	298	518	1,442	1,273
Under 15 years	2,249	935	34	883	...	63	120	161
15-44 years	10,956	5,209	585	2,836	174	284	877	676
45-64 years	6,311	3,515	985	708	106	140	366	344
65 years and over	11,327	858	10,001	161	18	31	78	92
Northeast								
All ages	7,128	2,386	2,758	1,033	81	57	345	310
Under 15 years	532	242	*6	162	...	*5	31	72
15-44 years	2,429	1,152	139	625	48	30	198	157
45-64 years	1,511	862	210	205	29	13	86	66
65 years and over	2,656	130	2,404	40	*	9	30	15
Midwest								
All ages	7,133	2,671	2,720	879	48	108	311	329
Under 15 years	541	268	*6	181	...	19	22	41
15-44 years	2,417	1,235	141	554	29	57	196	170
45-64 years	1,420	828	217	131	16	27	77	108
65 years and over	2,755	340	2,356	14	*	*6	17	11
South								
All ages	11,310	3,641	4,490	1,631	128	270	597	274
Under 15 years	704	259	17	319	...	25	47	18
15-44 years	4,016	1,890	215	1,012	70	156	369	168
45-64 years	2,404	1,291	433	241	49	77	164	73
65 years and over	4,186	201	3,825	60	*9	13	16	16
West								
All ages	5,271	1,819	1,637	1,044	42	83	189	359
Under 15 years	472	167	*	220	...	14	20	30
15-44 years	2,094	932	91	646	27	41	115	182
45-64 years	977	534	124	131	12	24	39	97
65 years and over	1,728	187	1,417	47	*	*	15	51
United States								
Number of days of care in thousands								
All ages	177,179	46,551	86,630	24,031	1,414	2,867	6,758	5,788
Under 15 years	10,848	4,068	197	4,897	...	344	468	656
15-44 years	45,904	18,936	4,513	12,292	808	1,527	3,686	2,827
45-64 years	36,992	18,016	7,431	5,510	463	790	2,062	1,769
65 years and over	83,436	5,530	74,489	1,332	143	206	542	536
Northeast								
All ages	47,714	11,554	23,521	7,311	506	453	2,018	1,519
Under 15 years	2,793	1,123	*42	1,097	...	*28	138	325
15-44 years	12,000	4,341	1,077	3,923	330	255	1,022	693
45-64 years	10,092	4,963	1,853	1,855	144	93	551	392
65 years and over	22,829	1,127	20,549	436	*	78	308	109
Midwest								
All ages	39,689	11,576	19,213	4,757	201	691	1,443	1,446
Under 15 years	2,572	1,103	*31	1,043	...	132	79	169
15-44 years	10,447	4,441	1,108	2,699	118	379	869	678
45-64 years	7,731	3,917	1,606	932	66	148	413	532
65 years and over	18,938	2,114	16,467	84	*	*32	83	66

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, 1994—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	Worker's compensation	Other government payments	Self-pay	Other payments and no charge
South								
Number of days of care in thousands								
All ages	64,409	16,355	33,140	7,504	543	1,346	2,619	1,366
Under 15 years	3,163	1,117	86	1,465	...	114	190	76
15–44 years	16,540	7,290	1,734	3,767	265	729	1,439	779
45–64 years	14,038	6,651	3,133	1,792	203	421	905	400
65 years and over	30,668	1,296	28,188	481	*75	82	85	111
West								
All ages	25,367	7,066	10,755	4,458	163	376	678	1,458
Under 15 years	2,320	725	*	1,292	...	70	62	85
15–44 years	6,916	2,864	595	1,904	95	164	356	677
45–64 years	5,131	2,484	838	931	50	128	193	445
65 years and over	11,000	993	9,285	331	*	*	67	251
United States								
Average length of stay in days								
All ages	5.7	4.4	7.5	5.2	4.7	5.5	4.7	4.5
Under 15 years	4.8	4.4	5.8	5.5	...	5.5	3.9	4.1
15–44 years	4.2	3.6	7.7	4.3	4.6	5.4	4.2	4.2
45–64 years	5.9	5.1	7.5	7.8	4.4	5.6	5.6	5.1
65 years and over	7.4	6.4	7.4	8.3	7.8	6.7	7.0	5.8
Northeast								
All ages	6.7	4.8	8.5	7.1	6.3	7.9	5.9	4.9
Under 15 years	5.2	4.6	*6.9	6.8	...	*5.4	4.4	4.5
15–44 years	4.9	3.8	7.8	6.3	6.9	8.5	5.2	4.4
45–64 years	6.7	5.8	8.8	9.0	4.9	7.1	6.4	5.9
65 years and over	8.6	8.7	8.5	10.8	*	8.5	10.2	7.4
Midwest								
All ages	5.6	4.3	7.1	5.4	4.2	6.4	4.6	4.4
Under 15 years	4.8	4.1	*4.9	5.8	...	7.0	3.5	4.1
15–44 years	4.3	3.6	7.9	4.9	4.1	6.6	4.4	4.0
45–64 years	5.4	4.7	7.4	7.1	4.2	5.6	5.4	4.9
65 years and over	6.9	6.2	7.0	6.2	*	*5.8	5.0	6.1
South								
All ages	5.7	4.5	7.4	4.6	4.3	5.0	4.4	5.0
Under 15 years	4.5	4.3	5.0	4.6	...	4.5	4.1	4.3
15–44 years	4.1	3.9	8.1	3.7	3.8	4.7	3.9	4.6
45–64 years	5.8	5.2	7.2	7.4	4.2	5.5	5.5	5.4
65 years and over	7.3	6.4	7.4	8.1	*8.6	6.5	5.2	7.1
West								
All ages	4.8	3.9	6.6	4.3	3.9	4.5	3.6	4.1
Under 15 years	4.9	4.4	*	5.9	...	5.1	3.1	2.8
15–44 years	3.3	3.1	6.5	2.9	3.5	4.0	3.1	3.7
45–64 years	5.3	4.7	6.7	7.1	4.1	5.3	4.9	4.6
65 years and over	6.4	5.3	6.6	7.0	*	*	4.5	5.0

... Category not applicable.

* 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, 1994

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

Sex, age, and region	Discharges		Days of care		
	Number in thousands	Rate per 1,000 population	Number in thousands	Rate per 1,000 population	Average length of stay in days
Both sexes					
All ages:					
United States	30,843	119.1	177,179	684.3	5.7
Northeast	7,128	138.9	47,714	929.8	6.7
Midwest	7,133	116.4	39,689	647.6	5.6
South	11,310	125.8	64,409	716.3	5.7
West	5,271	93.4	25,367	449.7	4.8
Under 15 years:					
United States	2,249	39.2	10,848	189.2	4.8
Northeast	532	50.2	2,793	263.7	5.2
Midwest	541	40.0	2,572	190.4	4.8
South	704	35.5	3,163	159.5	4.5
West	472	35.2	2,320	173.1	4.9
15–44 years:					
United States	10,956	93.2	45,904	390.4	4.2
Northeast	2,429	105.3	12,000	520.2	4.9
Midwest	2,417	87.5	10,447	378.1	4.3
South	4,016	98.8	16,540	406.7	4.1
West	2,094	79.9	6,916	263.8	3.3
45–64 years:					
United States	6,311	124.1	36,992	727.5	5.9
Northeast	1,511	145.0	10,092	968.4	6.7
Midwest	1,420	118.0	7,731	642.4	5.4
South	2,404	134.4	14,038	784.8	5.8
West	977	93.0	5,131	488.3	5.3
65 years and over:					
United States	11,327	341.6	83,436	2,516.3	7.4
Northeast	2,656	367.0	22,829	3,154.0	8.6
Midwest	2,755	339.9	18,938	2,336.1	6.9
South	4,186	363.1	30,668	2,659.9	7.3
West	1,728	275.1	11,000	1,750.8	6.4
Male					
All ages:					
United States	12,293	97.7	76,750	609.9	6.2
Northeast	3,015	122.1	21,081	853.6	7.0
Midwest	2,894	97.2	17,458	586.3	6.0
South	4,375	100.8	27,011	622.5	6.2
West	2,010	71.9	11,201	400.5	5.6
Under 15 years:					
United States	1,272	43.3	6,209	211.5	4.9
Northeast	300	55.3	1,637	301.8	5.5
Midwest	319	46.1	1,508	217.8	4.7
South	393	38.7	1,750	172.5	4.5
West	260	37.9	1,315	191.5	5.1
15–44 years:					
United States	3,146	53.8	18,316	313.3	5.8
Northeast	835	73.1	5,391	471.6	6.5
Midwest	722	52.5	4,270	310.4	5.9
South	1,090	54.5	6,221	311.1	5.7
West	498	37.5	2,435	183.3	4.9

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, 1994—Con.

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

Sex, age, and region	Discharges		Days of care		
	Number in thousands	Rate per 1,000 population	Number in thousands	Rate per 1,000 population	Average length of stay in days
Male—Continued					
45–64 years:					
United States	3,120	127.1	18,181	740.9	5.8
Northeast	746	149.8	4,935	991.6	6.6
Midwest	705	120.8	3,866	662.8	5.5
South	1,181	137.8	6,809	794.6	5.8
West	489	94.7	2,570	498.1	5.3
65 years and over:					
United States	4,756	353.0	34,044	2,526.5	7.2
Northeast	1,134	395.7	9,117	3,182.4	8.0
Midwest	1,148	351.4	7,815	2,392.7	6.8
South	1,712	365.7	12,231	2,612.9	7.1
West	763	286.4	4,881	1,833.0	6.4
Female					
All ages:					
United States	18,550	139.4	100,429	754.6	5.4
Northeast	4,114	154.5	26,633	1,000.4	6.5
Midwest	4,240	134.5	22,231	705.5	5.2
South	6,935	149.1	37,398	803.8	5.4
West	3,261	114.7	14,166	498.2	4.3
Under 15 years:					
United States	978	34.9	4,639	165.7	4.7
Northeast	232	44.9	1,156	223.6	5.0
Midwest	222	33.7	1,065	161.5	4.8
South	311	32.1	1,413	145.8	4.5
West	212	32.5	1,005	153.8	4.7
15–44 years:					
United States	7,810	132.1	27,588	466.7	3.5
Northeast	1,594	137.0	6,609	568.0	4.1
Midwest	1,694	122.1	6,177	445.1	3.6
South	2,926	141.6	10,320	499.2	3.5
West	1,595	123.4	4,482	346.5	2.8
45–64 years:					
United States	3,191	121.3	18,811	715.0	5.9
Northeast	765	140.5	5,157	947.0	6.7
Midwest	715	115.3	3,865	623.2	5.4
South	1,223	131.3	7,228	775.8	5.9
West	488	91.3	2,561	479.0	5.2
65 years and over:					
United States	6,571	333.8	49,391	2,509.3	7.5
Northeast	1,523	348.2	13,711	3,135.4	9.0
Midwest	1,608	332.1	11,124	2,297.8	6.9
South	2,474	361.3	18,437	2,691.9	7.5
West	966	266.8	6,119	1,690.4	6.3

Table 5. Number, percent distribution, and rate of discharges and 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, 1994

[Discharges of inpatients from non-Federal hospitals]

Age, race, and region	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
Age							
10–54 years	3,901	100.0	46.7	9,339	100.0	111.8	2.4
10–14 years	15	0.4	1.6	39	0.4	4.2	2.6
15–44 years	3,885	99.6	65.7	9,298	99.6	157.3	2.4
15–19 years	498	12.8	58.1	1,219	13.1	142.3	2.4
20–24 years	977	25.0	109.0	2,258	24.2	252.0	2.3
25–29 years	1,098	28.1	115.3	2,633	28.2	276.6	2.4
30–34 years	898	23.0	81.0	2,122	22.7	191.3	2.4
35–44 years	415	10.6	19.8	1,066	11.4	50.8	2.6
45–54 years	*	*	*	*	*	*	*
10–17 years	200	5.1	14.0	546	5.8	38.1	2.7
18–54 years	3,701	94.9	53.5	8,793	94.2	127.1	2.4
Race							
White	2,155	55.2	31.6	5,218	55.9	76.5	2.4
Black	521	13.4	46.0	1,416	15.2	125.1	2.7
All other	348	8.9	87.2	733	7.9	183.7	2.1
Race not stated	877	22.5	...	1,972	21.1	...	2.2
Region							
Northeast	670	17.2	40.8	1,767	18.9	107.5	2.6
Midwest	819	21.0	41.6	1,955	20.9	99.3	2.4
South	1,453	37.2	49.7	3,663	39.2	125.3	2.5
West	960	24.6	52.8	1,955	20.9	107.5	2.0

* 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, 1994[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
All conditions	30,843	2,249	10,956	6,311	11,327
Infectious and parasitic diseases 001-139	809	171	217	135	287
Septicemia 038	302	27	36	51	189
Neoplasms 140-239	1,836	47	332	588	868
Malignant neoplasms 140-208,230-234	1,443	39	161	453	790
Malignant neoplasm of large intestine and rectum 153-154,197.5	146	*	*5	33	107
Malignant neoplasm of trachea, bronchus, and lung 162,176.4,197.0,197.3	208	*	*9	73	126
Malignant neoplasm of breast 174-175,198.81	139	*	20	58	62
Benign neoplasms and neoplasms of uncertain behavior and unspecified nature 210-229,235-239	393	*9	171	135	78
Endocrine, nutritional and metabolic diseases, and immunity disorders 240-279	1,253	121	276	292	564
Diabetes mellitus 250	502	22	139	153	188
Volume depletion 276.5	376	75	55	45	200
Diseases of the blood and blood-forming organs 280-289	341	49	112	63	117
Mental disorders 290-319	2,112	96	1,310	410	296
Psychoses 290-299	1,243	40	706	265	233
Alcohol dependence syndrome 303	243	*	164	65	12
Diseases of the nervous system and sense organs 320-389	577	105	149	121	202
Diseases of the central nervous system 320-349	287	45	100	59	83
Diseases of the ear and mastoid process 380-389	99	42	13	16	27
Diseases of the circulatory system 390-459	5,779	32	390	1,615	3,742
Heart disease 391-392.0,393-398,402,404,410-416,420-429	4,057	19	253	1,179	2,606
Acute myocardial infarction 410	759	*	46	259	453
Coronary atherosclerosis 414.0	683	*	36	281	365
Other ischemic heart disease 411-413,414.1-414.9	674	*	45	236	392
Cardiac dysrhythmias 427	614	*5	50	134	425
Congestive heart failure 428.0	874	*	22	151	696
Cerebrovascular disease 430-438	885	*	25	179	678
Diseases of the respiratory system 460-519	3,124	647	460	580	1,437
Acute respiratory infections 460-466	349	196	50	37	67
Chronic disease of tonsils and adenoids 474	40	27	11	*	*
Pneumonia 480-486	1,190	203	157	197	632
Asthma 493	451	169	125	80	76
Diseases of the digestive system 520-579	3,077	229	840	812	1,196
Ulcers of the stomach and small intestine 531-534	217	*	39	62	115
Appendicitis 540-543	249	59	145	33	13
Inguinal hernia 550	74	*9	17	17	31
Noninfectious enteritis and colitis 555-558	333	84	92	64	94
Cholelithiasis 574	435	*	147	131	156
Diseases of the genitourinary system 580-629	1,816	63	640	434	678
Calculus of kidney and ureter 592	209	*	98	73	37
Hyperplasia of prostate 600	150	...	*	30	119
Complications of pregnancy, childbirth, and the puerperium ¹ 630-676	574	*	569	*	...
Abortions and ectopic and molar pregnancies 630-639	124	*	123	*	...
Diseases of the skin and subcutaneous tissue 680-709	460	38	129	113	180
Cellulitis and abscess 681-682	318	26	89	84	118
Diseases of the musculoskeletal system and connective tissue 710-739	1,515	39	440	436	600
Arthropathies and related disorders 710-719	546	14	104	130	298
Intervertebral disc disorders 722	370	*	182	127	61
Congenital anomalies 740-759	151	107	27	12	*
Certain conditions originating in the perinatal period 760-779	132	131	*	*	-
Symptoms, signs, and ill-defined conditions 780-799	328	47	133	83	66
Injury and poisoning 800-999	2,605	246	940	505	915
Fractures, all sites 800-829	987	84	274	150	480
Fracture of neck of femur 820	301	*	*7	21	270
Intracranial injuries (excluding those with skull fracture) 850-854	144	24	65	20	36
Open wounds 870-897	143	20	86	19	17
Supplementary classifications V01-V82	4,353	75	3,993	111	174
Females with deliveries V27	3,901	15	3,885	*	...

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

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, 1994[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	1,191.2	392.3	931.8	1,241.1	3,415.9
Infectious and parasitic diseases 001-139	31.3	29.8	18.4	26.6	86.5
Septicemia 038	11.7	4.7	3.0	9.9	56.9
Neoplasms 140-239	70.9	8.2	28.2	115.7	261.8
Malignant neoplasms 140-208,230-234	55.7	6.7	13.7	89.2	238.2
Malignant neoplasm of large intestine and rectum 153-154,197.5	5.6	*	*0.5	6.6	32.4
Malignant neoplasm of trachea, bronchus, and lung 162,176.4,197.0,197.3	8.0	*	*0.7	14.3	37.9
Malignant neoplasm of breast 174-175,198.81	5.4	*	1.7	11.4	18.6
Benign neoplasms and neoplasms of uncertain behavior and unspecified nature 210-229,235-239	15.2	*1.5	14.5	26.5	23.6
Endocrine, nutritional and metabolic diseases, and immunity disorders 240-279	48.4	21.2	23.5	57.4	170.0
Diabetes mellitus 250	19.4	3.9	11.9	30.0	56.7
Volume depletion 276.5	14.5	13.1	4.7	8.9	60.2
Diseases of the blood and blood-forming organs 280-289	13.2	8.5	9.5	12.3	35.4
Mental disorders 290-319	81.6	16.7	111.4	80.7	89.4
Psychoses 290-299	48.0	6.9	60.0	52.1	70.3
Alcohol dependence syndrome 303	9.4	*	13.9	12.9	3.8
Diseases of the nervous system and sense organs 320-389	22.3	18.4	12.7	23.8	60.8
Diseases of the central nervous system 320-349	11.1	7.8	8.5	11.6	24.9
Diseases of the ear and mastoid process 380-389	3.8	7.3	1.1	3.2	8.2
Diseases of the circulatory system 390-459	223.2	5.6	33.2	317.6	1,128.7
Heart disease 391-392.0,393-398,402,404,410-416,420-429	156.7	3.3	21.5	231.9	785.9
Acute myocardial infarction 410	29.3	*	3.9	51.0	136.7
Coronary atherosclerosis 414.0	26.4	*	3.1	55.3	110.1
Other ischemic heart disease 411-413,414.1-414.9	26.0	*	3.9	46.3	118.4
Cardiac dysrhythmias 427	23.7	*0.9	4.2	26.4	128.1
Congestive heart failure 428.0	33.8	*	1.9	29.8	210.0
Cerebrovascular disease 430-438	34.2	*	2.1	35.1	204.4
Diseases of the respiratory system 460-519	120.7	112.9	39.1	114.1	433.4
Acute respiratory infections 460-466	13.5	34.1	4.2	7.3	20.2
Chronic disease of tonsils and adenoids 474	1.5	4.8	0.9	*	*
Pneumonia 480-486	46.0	35.4	13.4	38.8	190.7
Asthma 493	17.4	29.5	10.7	15.8	23.0
Diseases of the digestive system 520-579	118.8	39.9	71.5	159.7	360.7
Ulcers of the stomach and small intestine 531-534	8.4	*	3.3	12.2	34.7
Appendicitis 540-543	9.6	10.3	12.3	6.5	3.8
Inguinal hernia 550	2.8	*1.5	1.5	3.3	9.3
Noninfectious enteritis and colitis 555-558	12.9	14.6	7.8	12.6	28.2
Cholelithiasis 574	16.8	*	12.5	25.8	47.1
Diseases of the genitourinary system 580-629	70.1	11.0	54.4	85.4	204.6
Calculus of kidney and ureter 592	8.1	*	8.3	14.4	11.2
Hyperplasia of prostate 600	5.8	...	*	5.9	36.0
Complications of pregnancy, childbirth, and the puerperium ¹ 630-676	22.2	*	48.3	*	...
Abortions and ectopic and molar pregnancies 630-639	4.8	*	10.4	*	...
Diseases of the skin and subcutaneous tissue 680-709	17.8	6.7	11.0	22.3	54.1
Cellulitis and abscess 681-682	12.3	4.5	7.6	16.6	35.6
Diseases of the musculoskeletal system and connective tissue 710-739	58.5	6.9	37.4	85.7	180.9
Arthropathies and related disorders 710-719	21.1	2.4	8.9	25.6	89.8
Intervertebral disc disorders 722	14.3	*	15.5	24.9	18.4
Congenital anomalies 740-759	5.8	18.7	2.3	2.4	*
Certain conditions originating in the perinatal period 760-779	5.1	22.9	*	*	-
Symptoms, signs, and ill-defined conditions 780-799	12.7	8.2	11.3	16.2	19.8
Injury and poisoning 800-999	100.6	42.8	79.9	99.2	276.0
Fractures, all sites 800-829	38.1	14.6	23.3	29.4	144.8
Fracture of neck of femur 820	11.6	*	*0.6	4.1	81.5
Intracranial injuries (excluding those with skull fracture) 850-854	5.6	4.1	5.5	3.9	10.9
Open wounds 870-897	5.5	3.5	7.3	3.8	5.2
Supplementary classifications V01-V82	168.1	13.1	339.6	21.8	52.4
Females with deliveries V27	150.7	2.6	330.4	*	...

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

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, 1994[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	5.7	4.8	4.2	5.9	7.4
Infectious and parasitic diseases 001-139	7.5	4.1	7.3	7.7	9.4
Septicemia 038	9.5	7.1	8.7	9.1	10.1
Neoplasms 140-239	7.2	9.5	5.0	6.5	8.4
Malignant neoplasms 140-208,230-234	7.9	10.1	6.6	7.3	8.5
Malignant neoplasm of large intestine and rectum 153-154,197.5	11.2	*	*8.5	10.6	11.5
Malignant neoplasm of trachea, bronchus, and lung 162,176.4,197.0,197.3	8.2	*	*5.7	7.1	9.0
Malignant neoplasm of breast 174-175,198.81	3.9	*	3.3	4.6	3.5
Benign neoplasms and neoplasms of uncertain behavior and unspecified nature 210-229,235-239	4.6	*6.9	3.6	4.0	7.5
Endocrine, nutritional and metabolic diseases, and immunity disorders 240-279	5.9	3.5	4.3	5.5	7.5
Diabetes mellitus 250	6.3	3.9	4.2	6.3	8.2
Volume depletion 276.5	5.8	2.5	4.7	4.9	7.5
Diseases of the blood and blood-forming organs 280-289	5.3	3.9	5.1	5.1	6.1
Mental disorders 290-319	9.9	14.9	9.0	9.8	12.3
Psychoses 290-299	11.4	15.7	10.5	11.4	13.2
Alcohol dependence syndrome 303	8.1	*	8.3	7.4	8.5
Diseases of the nervous system and sense organs 320-389	5.5	4.1	5.4	6.5	5.6
Diseases of the central nervous system 320-349	8.0	5.5	6.2	10.2	9.9
Diseases of the ear and mastoid process 380-389	2.9	2.6	3.1	2.8	3.2
Diseases of the circulatory system 390-459	6.2	6.4	4.7	5.5	6.7
Heart disease 391-392.0,393-398,402,404,410-416,420-429	6.0	6.8	4.3	5.2	6.5
Acute myocardial infarction 410	7.1	*	5.2	6.0	8.0
Coronary atherosclerosis 414.0	5.4	*	3.7	4.9	5.9
Other ischemic heart disease 411-413,414.1-414.9	4.1	*	2.7	3.6	4.5
Cardiac dysrhythmias 427	4.9	*9.4	3.1	4.0	5.3
Congestive heart failure 428.0	7.1	*	5.4	7.0	7.2
Cerebrovascular disease 430-438	7.3	*	8.7	6.9	7.3
Diseases of the respiratory system 460-519	6.3	3.4	5.1	6.5	7.8
Acute respiratory infections 460-466	4.0	3.2	4.2	3.8	6.2
Chronic disease of tonsils and adenoids 474	1.6	1.5	1.7	*	*
Pneumonia 480-486	7.1	4.1	6.6	7.3	8.2
Asthma 493	4.0	2.5	3.7	5.1	6.7
Diseases of the digestive system 520-579	5.5	3.6	4.2	5.2	6.9
Ulcers of the stomach and small intestine 531-534	6.8	*	4.1	5.9	8.3
Appendicitis 540-543	4.0	3.6	3.5	5.1	9.1
Inguinal hernia 550	2.7	*1.6	1.8	1.8	4.1
Noninfectious enteritis and colitis 555-558	4.8	2.8	4.0	6.1	6.6
Cholelithiasis 574	4.3	*	3.1	3.2	6.3
Diseases of the genitourinary system 580-629	4.4	3.9	3.3	3.9	5.7
Calculus of kidney and ureter 592	2.6	*	2.1	2.8	3.5
Hyperplasia of prostate 600	3.8	...	*	3.0	4.0
Complications of pregnancy, childbirth, and the puerperium ¹ 630-676	2.7	*	2.7	*	...
Abortions and ectopic and molar pregnancies 630-639	2.2	*	2.2	*	...
Diseases of the skin and subcutaneous tissue 680-709	7.1	3.7	5.1	6.8	9.4
Cellulitis and abscess 681-682	6.2	3.5	4.8	6.5	7.8
Diseases of the musculoskeletal system and connective tissue 710-739	5.4	4.6	3.9	4.7	7.1
Arthropathies and related disorders 710-719	5.8	4.6	3.8	5.6	6.7
Intervertebral disc disorders 722	4.1	*	3.9	3.4	6.1
Congenital anomalies 740-759	6.1	6.3	4.5	8.5	*
Certain conditions originating in the perinatal period 760-779	10.4	10.5	*	*	-
Symptoms, signs, and ill-defined conditions 780-799	3.0	2.3	2.5	2.5	4.9
Injury and poisoning 800-999	5.8	3.8	4.6	5.9	7.6
Fractures, all sites 800-829	7.0	3.8	5.7	6.3	8.5
Fracture of neck of femur 820	9.4	*	*8.1	7.7	9.6
Intracranial injuries (excluding those with skull fracture) 850-854	5.6	4.1	4.9	8.5	6.2
Open wounds 870-897	3.3	2.5	3.2	3.5	4.3
Supplementary classifications V01-V82	2.9	4.4	2.4	6.1	10.8
Females with deliveries V27	2.4	2.6	2.4	*	...

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

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, 1994[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	30,843	12,293	18,550
Infectious and parasitic diseases 001-139	809	381	428
Septicemia 038	302	125	177
Neoplasms 140-239	1,836	733	1,103
Malignant neoplasms 140-208,230-234	1,443	667	776
Malignant neoplasm of large intestine and rectum 153-154,197.5	146	69	77
Malignant neoplasm of trachea, bronchus, and lung 162,176.4,197.0,197.3	208	113	95
Malignant neoplasm of breast 174-175,198.81	139	*	138
Benign neoplasms and neoplasms of uncertain behavior and unspecified nature 210-229,235-239	393	65	327
Endocrine, nutritional and metabolic diseases, and immunity disorders 240-279	1,253	512	740
Diabetes mellitus 250	502	223	279
Volume depletion 276.5	376	159	217
Diseases of the blood and blood-forming organs 280-289	341	147	194
Mental disorders 290-319	2,112	1,123	989
Psychoses 290-299	1,243	597	646
Alcohol dependence syndrome 303	243	182	61
Diseases of the nervous system and sense organs 320-389	577	255	322
Diseases of the central nervous system 320-349	287	121	166
Diseases of the ear and mastoid process 380-389	99	46	53
Diseases of the circulatory system 390-459	5,779	2,906	2,873
Heart disease 391-392.0,393-398,402,404,410-416,420-429	4,057	2,100	1,958
Acute myocardial infarction 410	759	446	313
Coronary atherosclerosis 414.0	683	435	248
Other ischemic heart disease 411-413,414.1-414.9	674	333	341
Cardiac dysrhythmias 427	614	292	322
Congestive heart failure 428.0	874	390	484
Cerebrovascular disease 430-438	885	407	478
Diseases of the respiratory system 460-519	3,124	1,531	1,593
Acute respiratory infections 460-466	349	185	164
Chronic disease of tonsils and adenoids 474	40	18	22
Pneumonia 480-486	1,190	600	590
Asthma 493	451	189	262
Diseases of the digestive system 520-579	3,077	1,376	1,701
Ulcers of the stomach and small intestine 531-534	217	117	100
Appendicitis 540-543	249	151	98
Inguinal hernia 550	74	65	*8
Noninfectious enteritis and colitis 555-558	333	138	195
Cholelithiasis 574	435	138	298
Diseases of the genitourinary system 580-629	1,816	607	1,209
Calculus of kidney and ureter 592	209	135	74
Hyperplasia of prostate 600	150	150	...
Complications of pregnancy, childbirth, and the puerperium ¹ 630-676	574	...	574
Abortions and ectopic and molar pregnancies 630-639	124	...	124
Diseases of the skin and subcutaneous tissue 680-709	460	239	221
Cellulitis and abscess 681-682	318	172	146
Diseases of the musculoskeletal system and connective tissue 710-739	1,515	672	843
Arthropathies and related disorders 710-719	546	219	327
Intervertebral disc disorders 722	370	195	175
Congenital anomalies 740-759	151	84	66
Certain conditions originating in the perinatal period 760-779	132	79	54
Symptoms, signs, and ill-defined conditions 780-799	328	156	173
Injury and poisoning 800-999	2,605	1,309	1,296
Fractures, all sites 800-829	987	425	562
Fracture of neck of femur 820	301	79	222
Intracranial injuries (excluding those with skull fracture) 850-854	144	90	54
Open wounds 870-897	143	104	39
Supplementary classifications V01-V82	4,353	183	4,169
Females with deliveries V27	3,901	...	3,901

* 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, 1994[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	Rate per 10,000 population	
		Male	Female
All conditions	1,191.2	976.9	1,393.7
Infectious and parasitic diseases 001-139	31.3	30.3	32.2
Septicemia 038	11.7	9.9	13.3
Neoplasms 140-239	70.9	58.2	82.9
Malignant neoplasms 140-208,230-234	55.7	53.0	58.3
Malignant neoplasm of large intestine and rectum 153-154,197.5	5.6	5.5	5.8
Malignant neoplasm of trachea, bronchus, and lung 162,176.4,197.0,197.3	8.0	8.9	7.1
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	15.2	5.2	24.6
Endocrine, nutritional and metabolic diseases, and immunity disorders 240-279	48.4	40.7	55.6
Diabetes mellitus 250	19.4	17.7	21.0
Volume depletion 276.5	14.5	12.6	16.3
Diseases of the blood and blood-forming organs 280-289	13.2	11.7	14.6
Mental disorders 290-319	81.6	89.2	74.3
Psychoses 290-299	48.0	47.4	48.5
Alcohol dependence syndrome 303	9.4	14.5	4.6
Diseases of the nervous system and sense organs 320-389	22.3	20.3	24.2
Diseases of the central nervous system 320-349	11.1	9.7	12.4
Diseases of the ear and mastoid process 380-389	3.8	3.6	4.0
Diseases of the circulatory system 390-459	223.2	230.9	215.9
Heart disease 391-392.0,393-398,402,404,410-416,420-429	156.7	166.9	147.1
Acute myocardial infarction 410	29.3	35.5	23.5
Coronary atherosclerosis 414.0	26.4	34.6	18.6
Other ischemic heart disease 411-413,414.1-414.9	26.0	26.5	25.6
Cardiac dysrhythmias 427	23.7	23.2	24.2
Congestive heart failure 428.0	33.8	31.0	36.4
Cerebrovascular disease 430-438	34.2	32.4	35.9
Diseases of the respiratory system 460-519	120.7	121.7	119.7
Acute respiratory infections 460-466	13.5	14.7	12.3
Chronic disease of tonsils and adenoids 474	1.5	1.4	1.6
Pneumonia 480-486	46.0	47.7	44.4
Asthma 493	17.4	15.0	19.7
Diseases of the digestive system 520-579	118.8	109.3	127.8
Ulcers of the stomach and small intestine 531-534	8.4	9.3	7.5
Appendicitis 540-543	9.6	12.0	7.4
Inguinal hernia 550	2.8	5.2	*0.6
Noninfectious enteritis and colitis 555-558	12.9	10.9	14.7
Cholelithiasis 574	16.8	10.9	22.4
Diseases of the genitourinary system 580-629	70.1	48.2	90.9
Calculus of kidney and ureter 592	8.1	10.8	5.5
Hyperplasia of prostate 600	5.8	11.9	...
Complications of pregnancy, childbirth, and the puerperium ¹ 630-676	22.2	...	43.1
Abortions and ectopic and molar pregnancies 630-639	4.8	...	9.3
Diseases of the skin and subcutaneous tissue 680-709	17.8	19.0	16.6
Cellulitis and abscess 681-682	12.3	13.7	10.9
Diseases of the musculoskeletal system and connective tissue 710-739	58.5	53.4	63.4
Arthropathies and related disorders 710-719	21.1	17.4	24.5
Intervertebral disc disorders 722	14.3	15.5	13.1
Congenital anomalies 740-759	5.8	6.7	5.0
Certain conditions originating in the perinatal period 760-779	5.1	6.3	4.0
Symptoms, signs, and ill-defined conditions 780-799	12.7	12.4	13.0
Injury and poisoning 800-999	100.6	104.0	97.4
Fractures, all sites 800-829	38.1	33.8	42.2
Fracture of neck of femur 820	11.6	6.3	16.7
Intracranial injuries (excluding those with skull fracture) 850-854	5.6	7.2	4.1
Open wounds 870-897	5.5	8.3	2.9
Supplementary classifications V01-V82	168.1	14.6	313.3
Females with deliveries V27	150.7	...	293.1

* 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 11. Average length of stay for discharges from short-stay hospitals, by sex and first-listed diagnosis: United States, 1994[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	Average length of stay in days	
		Male	Female
All conditions	5.7	6.2	5.4
Infectious and parasitic diseases 001-139	7.5	7.7	7.2
Septicemia 038	9.5	9.8	9.3
Neoplasms 140-239	7.2	8.1	6.6
Malignant neoplasms 140-208,230-234	7.9	8.3	7.6
Malignant neoplasm of large intestine and rectum 153-154,197.5	11.2	10.6	11.7
Malignant neoplasm of trachea, bronchus, and lung 162,176.4,197.0,197.3	8.2	8.3	8.1
Malignant neoplasm of breast 174-175,198.81	3.9	*	3.9
Benign neoplasms and neoplasms of uncertain behavior and unspecified nature 210-229,235-239	4.6	6.1	4.3
Endocrine, nutritional and metabolic diseases, and immunity disorders 240-279	5.9	5.7	6.0
Diabetes mellitus 250	6.3	6.0	6.6
Volume depletion 276.5	5.8	5.5	6.0
Diseases of the blood and blood-forming organs 280-289	5.3	4.8	5.6
Mental disorders 290-319	9.9	9.5	10.3
Psychoses 290-299	11.4	11.0	11.8
Alcohol dependence syndrome 303	8.1	7.7	9.3
Diseases of the nervous system and sense organs 320-389	5.5	5.8	5.2
Diseases of the central nervous system 320-349	8.0	8.9	7.4
Diseases of the ear and mastoid process 380-389	2.9	2.6	3.0
Diseases of the circulatory system 390-459	6.2	5.9	6.6
Heart disease 391-392.0,393-398,402,404,410-416,420-429	6.0	5.7	6.3
Acute myocardial infarction 410	7.1	6.7	7.8
Coronary atherosclerosis 414.0	5.4	5.3	5.4
Other ischemic heart disease 411-413,414.1-414.9	4.1	3.9	4.3
Cardiac dysrhythmias 427	4.9	4.8	5.0
Congestive heart failure 428.0	7.1	6.5	7.7
Cerebrovascular disease 430-438	7.3	6.8	7.7
Diseases of the respiratory system 460-519	6.3	6.1	6.4
Acute respiratory infections 460-466	4.0	3.9	4.2
Chronic disease of tonsils and adenoids 474	1.6	1.8	1.4
Pneumonia 480-486	7.1	6.9	7.4
Asthma 493	4.0	3.4	4.5
Diseases of the digestive system 520-579	5.5	5.3	5.6
Ulcers of the stomach and small intestine 531-534	6.8	6.8	6.8
Appendicitis 540-543	4.0	4.2	3.8
Inguinal hernia 550	2.7	2.3	*6.3
Noninfectious enteritis and colitis 555-558	4.8	4.6	5.0
Cholelithiasis 574	4.3	4.6	4.1
Diseases of the genitourinary system 580-629	4.4	4.6	4.2
Calculus of kidney and ureter 592	2.6	2.4	3.0
Hyperplasia of prostate 600	3.8	3.8	...
Complications of pregnancy, childbirth, and the puerperium ¹ 630-676	2.7	...	2.7
Abortions and ectopic and molar pregnancies 630-639	2.2	...	2.2
Diseases of the skin and subcutaneous tissue 680-709	7.1	6.9	7.3
Cellulitis and abscess 681-682	6.2	5.8	6.7
Diseases of the musculoskeletal system and connective tissue 710-739	5.4	5.0	5.8
Arthropathies and related disorders 710-719	5.8	5.3	6.2
Intervertebral disc disorders 722	4.1	3.9	4.3
Congenital anomalies 740-759	6.1	5.2	7.4
Certain conditions originating in the perinatal period 760-779	10.4	10.8	9.9
Symptoms, signs, and ill-defined conditions 780-799	3.0	2.8	3.1
Injury and poisoning 800-999	5.8	5.5	6.2
Fractures, all sites 800-829	7.0	6.4	7.5
Fracture of neck of femur 820	9.4	9.7	9.3
Intracranial injuries (excluding those with skull fracture) 850-854	5.6	6.5	4.2
Open wounds 870-897	3.3	3.2	3.5
Supplementary classifications V01-V82	2.9	7.6	2.7
Females with deliveries V27	2.4	...	2.4

* 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, 1994[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	30,843	20,003	3,711	1,351	5,777
Infectious and parasitic diseases 001-139	809	492	133	36	148
Septicemia 038	302	200	40	14	48
Neoplasms 140-239	1,836	1,276	199	75	287
Malignant neoplasms 140-208,230-234	1,443	1,034	132	57	220
Malignant neoplasm of large intestine and rectum 153-154,197.5	146	104	13	*7	22
Malignant neoplasm of trachea, bronchus, and lung 162,176.4,197.0,197.3	208	151	21	*7	29
Malignant neoplasm of breast 174-175,198.81	139	97	12	*7	23
Benign neoplasms and neoplasms of uncertain behavior and unspecified nature 210-229,235-239	393	242	67	18	66
Endocrine, nutritional and metabolic diseases, and immunity disorders 240-279	1,253	769	202	47	234
Diabetes mellitus 250	502	275	110	19	98
Volume depletion 276.5	376	253	46	13	63
Diseases of the blood and blood-forming organs 280-289	341	180	97	18	46
Mental disorders 290-319	2,112	1,344	273	67	428
Psychoses 290-299	1,243	826	153	43	221
Alcohol dependence syndrome 303	243	141	28	*	71
Diseases of the nervous system and sense organs 320-389	577	386	76	18	97
Diseases of the central nervous system 320-349	287	183	46	*9	49
Diseases of the ear and mastoid process 380-389	99	65	12	*	18
Diseases of the circulatory system 390-459	5,779	4,052	558	171	998
Heart disease 391-392.0,393-398,402,404,410-416,420-429	4,057	2,882	341	119	715
Acute myocardial infarction 410	759	552	47	23	137
Coronary atherosclerosis 414.0	683	527	30	20	106
Other ischemic heart disease 411-413,414.1-414.9	674	469	57	22	126
Cardiac dysrhythmias 427	614	447	42	16	108
Congestive heart failure 428.0	874	586	103	22	162
Cerebrovascular disease 430-438	885	620	91	31	143
Diseases of the respiratory system 460-519	3,124	2,012	452	118	542
Acute respiratory infections 460-466	349	205	60	16	69
Chronic disease of tonsils and adenoids 474	40	25	*7	*	*7
Pneumonia 480-486	1,190	771	146	45	229
Asthma 493	451	227	125	29	70
Diseases of the digestive system 520-579	3,077	2,071	308	119	580
Ulcers of the stomach and small intestine 531-534	217	146	23	11	37
Appendicitis 540-543	249	165	14	19	51
Inguinal hernia 550	74	49	*7	*	15
Noninfectious enteritis and colitis 555-558	333	222	32	10	68
Cholelithiasis 574	435	293	38	17	87
Diseases of the genitourinary system 580-629	1,816	1,244	165	63	344
Calculus of kidney and ureter 592	209	162	*	*6	38
Hyperplasia of prostate 600	150	102	10	*6	32
Complications of pregnancy, childbirth, and the puerperium ¹ 630-676	574	278	131	40	126
Abortions and ectopic and molar pregnancies 630-639	124	58	33	11	22
Diseases of the skin and subcutaneous tissue 680-709	460	291	66	20	84
Cellulitis and abscess 681-682	318	207	39	15	57
Diseases of the musculoskeletal system and connective tissue 710-739	1,515	1,093	109	37	276
Arthropathies and related disorders 710-719	546	385	40	13	109
Intervertebral disc disorders 722	370	284	18	*9	58
Congenital anomalies 740-759	151	96	13	11	31
Certain conditions originating in the perinatal period 760-779	132	70	15	11	36
Symptoms, signs, and ill-defined conditions 780-799	328	202	36	16	74
Injury and poisoning 800-999	2,605	1,691	319	106	490
Fractures, all sites 800-829	987	675	85	37	190
Fracture of neck of femur 820	301	222	13	*7	58
Intracranial injuries (excluding those with skull fracture) 850-854	144	91	19	*8	27
Open wounds 870-897	143	79	34	*6	25
Supplementary classifications V01-V82	4,353	2,456	561	378	958
Females with deliveries V27	3,901	2,155	521	348	877

* 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, 1994[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	1,191.2	928.8	1,145.3	1,211.8	...
Infectious and parasitic diseases	31.3	22.9	40.9	32.6	...
Septicemia	11.7	9.3	12.4	12.5	...
Neoplasms	70.9	59.2	61.3	67.2	...
Malignant neoplasms	55.7	48.0	40.7	51.0	...
Malignant neoplasm of large intestine and rectum	5.6	4.8	4.0	*6.3	...
Malignant neoplasm of trachea, bronchus, and lung	8.0	7.0	6.4	*6.0	...
Malignant neoplasm of breast	5.4	4.5	3.7	*6.4	...
Benign neoplasms and neoplasms of uncertain behavior and unspecified nature	15.2	11.2	20.5	16.2	...
Endocrine, nutritional and metabolic diseases, and immunity disorders	48.4	35.7	62.3	42.1	...
Diabetes mellitus	19.4	12.8	33.8	17.5	...
Volume depletion	14.5	11.8	14.3	11.3	...
Diseases of the blood and blood-forming organs	13.2	8.4	30.0	15.8	...
Mental disorders	81.6	62.4	84.3	60.0	...
Psychoses	48.0	38.3	47.3	38.5	...
Alcohol dependence syndrome	9.4	6.5	8.7	*	...
Diseases of the nervous system and sense organs	22.3	17.9	23.5	16.4	...
Diseases of the central nervous system	11.1	8.5	14.2	*7.9	...
Diseases of the ear and mastoid process	3.8	3.0	3.8	*	...
Diseases of the circulatory system	223.2	188.1	172.2	153.7	...
Heart disease	156.7	133.8	105.3	107.1	...
Acute myocardial infarction	29.3	25.6	14.5	21.0	...
Coronary atherosclerosis	26.4	24.5	9.3	17.6	...
Other ischemic heart disease	26.0	21.8	17.7	19.6	...
Cardiac dysrhythmias	23.7	20.8	13.1	14.5	...
Congestive heart failure	33.8	27.2	31.9	20.0	...
Cerebrovascular disease	34.2	28.8	28.1	27.6	...
Diseases of the respiratory system	120.7	93.4	139.5	106.2	...
Acute respiratory infections	13.5	9.5	18.5	14.3	...
Chronic disease of tonsils and adenoids	1.5	1.2	*2.0	*	...
Pneumonia	46.0	35.8	45.1	40.3	...
Asthma	17.4	10.5	38.5	26.0	...
Diseases of the digestive system	118.8	96.2	94.9	106.3	...
Ulcers of the stomach and small intestine	8.4	6.8	7.0	9.7	...
Appendicitis	9.6	7.7	4.3	17.4	...
Inguinal hernia	2.8	2.3	*2.2	*	...
Noninfectious enteritis and colitis	12.9	10.3	10.0	9.3	...
Cholelithiasis	16.8	13.6	11.6	15.4	...
Diseases of the genitourinary system	70.1	57.8	50.9	56.7	...
Calculus of kidney and ureter	8.1	7.5	*	*5.4	...
Hyperplasia of prostate	5.8	4.7	3.1	*5.1	...
Complications of pregnancy, childbirth, and the puerperium ¹	22.2	12.9	40.4	35.6	...
Abortions and ectopic and molar pregnancies	4.8	2.7	10.1	9.9	...
Diseases of the skin and subcutaneous tissue	17.8	13.5	20.2	17.7	...
Cellulitis and abscess	12.3	9.6	11.9	13.6	...
Diseases of the musculoskeletal system and connective tissue	58.5	50.8	33.5	33.6	...
Arthropathies and related disorders	21.1	17.9	12.4	11.4	...
Intervertebral disc disorders	14.3	13.2	5.7	*8.0	...
Congenital anomalies	5.8	4.5	4.0	9.6	...
Certain conditions originating in the perinatal period	5.1	3.2	4.5	10.1	...
Symptoms, signs, and ill-defined conditions	12.7	9.4	11.2	14.3	...
Injury and poisoning	100.6	78.5	98.3	95.2	...
Fractures, all sites	38.1	31.4	26.3	33.1	...
Fracture of neck of femur	11.6	10.3	4.1	*6.6	...
Intracranial injuries (excluding those with skull fracture)	5.6	4.2	5.8	*6.9	...
Open wounds	5.5	3.6	10.4	*5.7	...
Supplementary classifications	168.1	114.0	173.2	338.8	...
Females with deliveries	150.7	100.1	160.7	312.3	...

* 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."

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, 1994[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	5.7	5.9	6.0	5.3	5.3
Infectious and parasitic diseases 001-139	7.5	7.1	9.0	7.5	7.1
Septicemia 038	9.5	9.5	10.7	7.7	9.3
Neoplasms 140-239	7.2	7.1	7.9	8.7	6.9
Malignant neoplasms 140-208,230-234	7.9	7.7	9.5	9.3	7.7
Malignant neoplasm of large intestine and rectum 153-154,197.5	11.2	10.9	13.8	*12.1	10.6
Malignant neoplasm of trachea, bronchus, and lung 162,176.4,197.0,197.3	8.2	8.3	8.0	*9.7	7.6
Malignant neoplasm of breast 174-175,198.81	3.9	3.6	7.4	*4.4	3.0
Benign neoplasms and neoplasms of uncertain behavior and unspecified nature 210-229,235-239	4.6	4.4	4.7	6.8	4.4
Endocrine, nutritional and metabolic diseases, and immunity disorders 240-279	5.9	6.1	6.3	5.1	5.2
Diabetes mellitus 250	6.3	6.5	6.4	6.2	5.9
Volume depletion 276.5	5.8	6.0	6.4	4.7	4.5
Diseases of the blood and blood-forming organs 280-289	5.3	5.2	5.6	3.9	5.2
Mental disorders 290-319	9.9	10.0	9.7	10.7	9.5
Psychoses 290-299	11.4	11.5	11.0	12.6	10.8
Alcohol dependence syndrome 303	8.1	7.2	8.7	*	9.8
Diseases of the nervous system and sense organs 320-389	5.5	5.4	6.2	4.6	5.4
Diseases of the central nervous system 320-349	8.0	8.3	7.7	*6.2	7.4
Diseases of the ear and mastoid process 380-389	2.9	2.8	2.8	*	3.0
Diseases of the circulatory system 390-459	6.2	6.3	6.7	6.6	5.7
Heart disease 391-392,0,393-398,402,404,410-416,420-429	6.0	6.1	6.5	6.1	5.4
Acute myocardial infarction 410	7.1	7.2	7.3	8.0	6.5
Coronary atherosclerosis 414.0	5.4	5.3	6.6	5.7	5.1
Other ischemic heart disease 411-413,414.1-414.9	4.1	4.1	3.9	4.0	3.9
Cardiac dysrhythmias 427	4.9	5.1	5.2	4.1	3.9
Congestive heart failure 428.0	7.1	7.3	7.1	8.2	6.3
Cerebrovascular disease 430-438	7.3	7.2	8.7	8.3	6.7
Diseases of the respiratory system 460-519	6.3	6.5	5.9	6.3	5.9
Acute respiratory infections 460-466	4.0	4.3	3.6	3.7	3.6
Chronic disease of tonsils and adenoids 474	1.6	1.4	*2.7	*	*1.3
Pneumonia 480-486	7.1	7.3	6.9	7.1	6.6
Asthma 493	4.0	4.3	3.8	3.7	3.8
Diseases of the digestive system 520-579	5.5	5.5	6.2	5.4	4.9
Ulcers of the stomach and small intestine 531-534	6.8	7.1	6.3	5.4	6.5
Appendicitis 540-543	4.0	3.9	5.9	4.6	3.7
Inguinal hernia 550	2.7	2.6	*3.7	*	2.6
Noninfectious enteritis and colitis 555-558	4.8	5.0	5.9	3.7	4.2
Cholelithiasis 574	4.3	4.3	5.4	4.3	3.7
Diseases of the genitourinary system 580-629	4.4	4.2	5.6	5.1	4.1
Calculus of kidney and ureter 592	2.6	2.5	*	*2.9	2.8
Hyperplasia of prostate 600	3.8	3.8	4.9	*3.4	3.7
Complications of pregnancy, childbirth, and the puerperium ¹ 630-676	2.7	2.7	3.1	2.5	2.4
Abortions and ectopic and molar pregnancies 630-639	2.2	2.3	2.2	1.8	2.3
Diseases of the skin and subcutaneous tissue 680-709	7.1	7.4	7.0	6.2	6.3
Cellulitis and abscess 681-682	6.2	6.5	5.8	5.5	5.7
Diseases of the musculoskeletal system and connective tissue 710-739	5.4	5.4	6.6	5.7	5.1
Arthropathies and related disorders 710-719	5.8	5.8	6.6	6.1	5.5
Intervertebral disc disorders 722	4.1	4.2	4.6	*3.3	3.5
Congenital anomalies 740-759	6.1	6.1	6.2	5.2	6.7
Certain conditions originating in the perinatal period 760-779	10.4	9.0	18.3	11.9	9.7
Symptoms, signs, and ill-defined conditions 780-799	3.0	3.0	3.5	2.3	2.7
Injury and poisoning 800-999	5.8	6.1	5.5	5.9	5.1
Fractures, all sites 800-829	7.0	7.3	6.5	7.3	6.0
Fracture of neck of femur 820	9.4	9.6	11.9	*10.8	7.9
Intracranial injuries (excluding those with skull fracture) 850-854	5.6	5.4	7.5	*5.5	5.1
Open wounds 870-897	3.3	3.2	3.6	*3.5	3.1
Supplementary classifications V01-V82	2.9	3.0	3.0	2.5	2.8
Females with deliveries V27	2.4	2.4	2.7	2.1	2.2

* 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, 1994[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
	Number in thousands				
All conditions	30,843	7,128	7,133	11,310	5,271
Infectious and parasitic diseases 001-139	809	184	167	304	155
Septicemia 038	302	58	59	127	58
Neoplasms 140-239	1,836	449	379	672	336
Malignant neoplasms 140-208,230-234	1,443	351	301	524	266
Malignant neoplasm of large intestine and rectum 153-154,197.5	146	39	34	49	24
Malignant neoplasm of trachea, bronchus, and lung 162,176.4,197.0,197.3	208	46	46	83	33
Malignant neoplasm of breast 174-175,198.81	139	36	34	45	24
Benign neoplasms and neoplasms of uncertain behavior and unspecified nature 210-229,235-239	393	97	78	147	70
Endocrine, nutritional and metabolic diseases, and immunity disorders 240-279	1,253	269	309	503	171
Diabetes mellitus 250	502	103	116	211	72
Volume depletion 276.5	376	82	100	151	43
Diseases of the blood and blood-forming organs 280-289	341	96	77	115	53
Mental disorders 290-319	2,112	631	569	647	266
Psychoses 290-299	1,243	363	333	382	166
Alcohol dependence syndrome 303	243	65	85	78	16
Diseases of the nervous system and sense organs 320-389	577	178	115	189	95
Diseases of the central nervous system 320-349	287	64	69	99	55
Diseases of the ear and mastoid process 380-389	99	30	21	31	16
Diseases of the circulatory system 390-459	5,779	1,351	1,377	2,166	885
Heart disease 391-392.0,393-398,402,404,410-416,420-429	4,057	985	962	1,481	629
Acute myocardial infarction 410	759	180	178	267	134
Coronary atherosclerosis 414.0	683	141	161	270	111
Other ischemic heart disease 411-413,414.1-414.9	674	196	159	208	111
Cardiac dysrhythmias 427	614	150	148	233	83
Congestive heart failure 428.0	874	207	220	333	114
Cerebrovascular disease 430-438	885	184	210	363	129
Diseases of the respiratory system 460-519	3,124	695	764	1,220	444
Acute respiratory infections 460-466	349	64	88	140	57
Chronic disease of tonsils and adenoids 474	40	23	*	*9	*6
Pneumonia 480-486	1,190	222	318	479	171
Asthma 493	451	129	116	138	68
Diseases of the digestive system 520-579	3,077	714	710	1,137	516
Ulcers of the stomach and small intestine 531-534	217	46	54	84	33
Appendicitis 540-543	249	42	62	89	56
Inguinal hernia 550	74	24	11	28	10
Noninfectious enteritis and colitis 555-558	333	79	74	128	52
Cholelithiasis 574	435	106	94	155	80
Diseases of the genitourinary system 580-629	1,816	386	410	750	270
Calculus of kidney and ureter 592	209	49	57	82	21
Hyperplasia of prostate 600	150	33	35	57	25
Complications of pregnancy, childbirth, and the puerperium ¹ 630-676	574	141	109	229	96
Abortions and ectopic and molar pregnancies 630-639	124	41	19	48	15
Diseases of the skin and subcutaneous tissue 680-709	460	125	107	153	75
Cellulitis and abscess 681-682	318	87	76	100	55
Diseases of the musculoskeletal system and connective tissue 710-739	1,515	343	352	563	257
Arthropathies and related disorders 710-719	546	130	133	179	104
Intervertebral disc disorders 722	370	68	80	164	58
Congenital anomalies 740-759	151	53	30	33	35
Certain conditions originating in the perinatal period 760-779	132	20	37	39	37
Symptoms, signs, and ill-defined conditions 780-799	328	81	59	139	49
Injury and poisoning 800-999	2,605	614	602	909	481
Fractures, all sites 800-829	987	228	235	337	187
Fracture of neck of femur 820	301	59	79	111	52
Intracranial injuries (excluding those with skull fracture) 850-854	144	37	39	39	29
Open wounds 870-897	143	35	30	54	24
Supplementary classifications V01-V82	4,353	799	962	1,543	1,049
Females with deliveries V27	3,901	670	819	1,453	960

* 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, 1994[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	1,191.2	1,389.0	1,163.9	1,257.8	934.5
Infectious and parasitic diseases 001-139	31.3	35.8	27.2	33.8	27.4
Septicemia 038	11.7	11.3	9.6	14.2	10.2
Neoplasms 140-239	70.9	87.4	61.8	74.7	59.6
Malignant neoplasms 140-208,230-234	55.7	68.4	49.1	58.3	47.2
Malignant neoplasm of large intestine and rectum 153-154,197.5	5.6	7.6	5.6	5.4	4.2
Malignant neoplasm of trachea, bronchus, and lung 162,176.4,197.0,197.3	8.0	8.9	7.6	9.2	5.8
Malignant neoplasm of breast 174-175,198.81	5.4	7.0	5.5	5.0	4.3
Benign neoplasms and neoplasms of uncertain behavior and unspecified nature 210-229,235-239	15.2	19.0	12.7	16.4	12.4
Endocrine, nutritional and metabolic diseases, and immunity disorders 240-279	48.4	52.4	50.4	56.0	30.4
Diabetes mellitus 250	19.4	20.1	19.0	23.5	12.7
Volume depletion 276.5	14.5	16.0	16.3	16.7	7.6
Diseases of the blood and blood-forming organs 280-289	13.2	18.8	12.5	12.8	9.4
Mental disorders 290-319	81.6	122.9	92.8	71.9	47.2
Psychoses 290-299	48.0	70.7	54.3	42.5	29.4
Alcohol dependence syndrome 303	9.4	12.6	13.9	8.7	2.8
Diseases of the nervous system and sense organs 320-389	22.3	34.7	18.8	21.0	16.9
Diseases of the central nervous system 320-349	11.1	12.5	11.3	11.0	9.8
Diseases of the ear and mastoid process 380-389	3.8	5.9	3.5	3.4	2.8
Diseases of the circulatory system 390-459	223.2	263.3	224.6	240.8	157.0
Heart disease 391-392,0,393-398,402,404,410-416,420-429	156.7	191.9	157.0	164.7	111.6
Acute myocardial infarction 410	29.3	35.1	29.1	29.7	23.8
Coronary atherosclerosis 414.0	26.4	27.6	26.2	30.0	19.7
Other ischemic heart disease 411-413,414.1-414.9	26.0	38.2	25.9	23.2	19.6
Cardiac dysrhythmias 427	23.7	29.2	24.1	25.9	14.8
Congestive heart failure 428.0	33.8	40.3	35.9	37.1	20.2
Cerebrovascular disease 430-438	34.2	35.8	34.2	40.3	22.9
Diseases of the respiratory system 460-519	120.7	135.5	124.7	135.7	78.7
Acute respiratory infections 460-466	13.5	12.6	14.3	15.6	10.2
Chronic disease of tonsils and adenoids 474	1.5	4.5	*	*1.0	*1.1
Pneumonia 480-486	46.0	43.2	51.9	53.3	30.3
Asthma 493	17.4	25.1	19.0	15.3	12.1
Diseases of the digestive system 520-579	118.8	139.2	115.8	126.4	91.5
Ulcers of the stomach and small intestine 531-534	8.4	9.0	8.8	9.4	5.8
Appendicitis 540-543	9.6	8.1	10.2	9.9	10.0
Inguinal hernia 550	2.8	4.6	1.9	3.1	1.8
Noninfectious enteritis and colitis 555-558	12.9	15.4	12.0	14.2	9.2
Cholelithiasis 574	16.8	20.6	15.4	17.2	14.2
Diseases of the genitourinary system 580-629	70.1	75.2	66.9	83.4	47.9
Calculus of kidney and ureter 592	8.1	9.6	9.4	9.1	3.7
Hyperplasia of prostate 600	5.8	6.4	5.7	6.4	4.4
Complications of pregnancy, childbirth, and the puerperium ¹ 630-676	22.2	27.4	17.8	25.4	16.9
Abortions and ectopic and molar pregnancies 630-639	4.8	8.0	3.1	5.4	2.7
Diseases of the skin and subcutaneous tissue 680-709	17.8	24.3	17.4	17.0	13.3
Cellulitis and abscess 681-682	12.3	16.9	12.4	11.1	9.7
Diseases of the musculoskeletal system and connective tissue 710-739	58.5	66.8	57.5	62.6	45.5
Arthropathies and related disorders 710-719	21.1	25.4	21.7	19.9	18.4
Intervertebral disc disorders 722	14.3	13.2	13.1	18.2	10.3
Congenital anomalies 740-759	5.8	10.4	4.8	3.7	6.1
Certain conditions originating in the perinatal period 760-779	5.1	3.9	6.0	4.3	6.6
Symptoms, signs, and ill-defined conditions 780-799	12.7	15.8	9.6	15.5	8.7
Injury and poisoning 800-999	100.6	119.6	98.2	101.1	85.3
Fractures, all sites 800-829	38.1	44.5	38.4	37.4	33.2
Fracture of neck of femur 820	11.6	11.6	12.9	12.3	9.1
Intracranial injuries (excluding those with skull fracture) 850-854	5.6	7.1	6.4	4.3	5.2
Open wounds 870-897	5.5	6.7	4.9	6.0	4.3
Supplementary classifications V01-V82	168.1	155.7	156.9	171.6	185.9
Females with deliveries V27	150.7	130.6	133.6	161.5	170.2

* 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, 1994[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	5.7	6.7	5.6	5.7	4.8
Infectious and parasitic diseases 001-139	7.5	8.9	6.7	7.4	6.6
Septicemia 038	9.5	11.5	9.6	9.2	8.2
Neoplasms 140-239	7.2	8.2	6.5	7.3	6.5
Malignant neoplasms 140-208,230-234	7.9	9.2	7.2	7.9	7.1
Malignant neoplasm of large intestine and rectum 153-154,197.5	11.2	11.3	9.7	12.8	9.7
Malignant neoplasm of trachea, bronchus, and lung 162,176.4,197.0,197.3	8.2	10.2	7.7	7.3	8.4
Malignant neoplasm of breast 174-175,198.81	3.9	5.4	3.1	3.8	2.9
Benign neoplasms and neoplasms of uncertain behavior and unspecified nature 210-229,235-239	4.6	4.6	4.0	5.0	4.2
Endocrine, nutritional and metabolic diseases, and immunity disorders 240-279	5.9	7.5	5.3	5.7	5.1
Diabetes mellitus 250	6.3	8.2	5.6	5.9	6.1
Volume depletion 276.5	5.8	7.6	4.6	5.9	4.7
Diseases of the blood and blood-forming organs 280-289	5.3	6.2	4.9	5.3	4.0
Mental disorders 290-319	9.9	10.9	9.7	10.3	7.1
Psychoses 290-299	11.4	13.2	10.8	11.6	8.2
Alcohol dependence syndrome 303	8.1	7.7	8.7	7.7	9.6
Diseases of the nervous system and sense organs 320-389	5.5	5.1	5.3	5.9	5.4
Diseases of the central nervous system 320-349	8.0	9.6	6.5	8.4	7.3
Diseases of the ear and mastoid process 380-389	2.9	2.9	2.9	3.0	2.4
Diseases of the circulatory system 390-459	6.2	7.5	5.7	6.2	5.4
Heart disease 391-392.0,393-398,402,404,410-416,420-429	6.0	7.2	5.5	5.9	5.0
Acute myocardial infarction 410	7.1	8.3	6.6	7.0	6.4
Coronary atherosclerosis 414.0	5.4	5.8	5.5	5.4	4.4
Other ischemic heart disease 411-413,414.1-414.9	4.1	5.1	3.6	3.9	3.4
Cardiac dysrhythmias 427	4.9	6.1	4.3	4.9	3.7
Congestive heart failure 428.0	7.1	9.2	6.2	6.9	5.8
Cerebrovascular disease 430-438	7.3	9.2	6.4	7.0	7.0
Diseases of the respiratory system 460-519	6.3	7.0	5.8	6.3	5.8
Acute respiratory infections 460-466	4.0	4.4	3.5	4.4	3.5
Chronic disease of tonsils and adenoids 474	1.6	1.4	*	*2.3	*1.4
Pneumonia 480-486	7.1	8.9	6.6	7.1	6.1
Asthma 493	4.0	4.6	3.5	4.4	3.2
Diseases of the digestive system 520-579	5.5	6.1	5.4	5.5	4.8
Ulcers of the stomach and small intestine 531-534	6.8	7.7	6.7	7.1	5.0
Appendicitis 540-543	4.0	4.5	3.9	3.6	4.4
Inguinal hernia 550	2.7	2.4	3.4	2.7	2.8
Noninfectious enteritis and colitis 555-558	4.8	5.6	4.8	4.4	4.8
Cholelithiasis 574	4.3	4.3	4.0	5.0	3.3
Diseases of the genitourinary system 580-629	4.4	4.8	4.1	4.4	3.9
Calculus of kidney and ureter 592	2.6	3.0	2.4	2.6	2.3
Hyperplasia of prostate 600	3.8	4.1	3.9	4.0	3.0
Complications of pregnancy, childbirth, and the puerperium ¹ 630-676	2.7	2.7	2.6	2.8	2.6
Abortions and ectopic and molar pregnancies 630-639	2.2	1.8	2.8	2.4	1.8
Diseases of the skin and subcutaneous tissue 680-709	7.1	8.3	6.6	7.2	5.7
Cellulitis and abscess 681-682	6.2	7.8	5.7	5.8	5.3
Diseases of the musculoskeletal system and connective tissue 710-739	5.4	6.2	5.0	5.5	4.7
Arthropathies and related disorders 710-719	5.8	5.8	5.7	6.3	5.1
Intervertebral disc disorders 722	4.1	5.6	3.4	4.0	3.5
Congenital anomalies 740-759	6.1	6.0	6.7	4.7	7.2
Certain conditions originating in the perinatal period 760-779	10.4	8.5	10.5	10.1	11.8
Symptoms, signs, and ill-defined conditions 780-799	3.0	4.0	2.3	2.9	2.2
Injury and poisoning 800-999	5.8	6.4	5.5	6.0	5.4
Fractures, all sites 800-829	7.0	7.6	6.5	7.2	6.6
Fracture of neck of femur 820	9.4	11.8	8.2	9.6	7.8
Intracranial injuries (excluding those with skull fracture) 850-854	5.6	4.7	5.0	7.0	5.8
Open wounds 870-897	3.3	3.7	2.9	3.2	3.2
Supplementary classifications V01-V82	2.9	3.2	3.5	2.7	2.4
Females with deliveries V27	2.4	2.6	2.4	2.5	2.0

* 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, 1994[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
All conditions	115,706	5,710	32,347	23,912	53,737
Infectious and parasitic diseases 001-139	3,277	454	971	570	1,282
Septicemia 038	553	47	83	104	319
Neoplasms 140-239	4,287	109	642	1,301	2,235
Malignant neoplasms 140-208,230-234	3,403	92	335	1,024	1,952
Malignant neoplasm of large intestine and rectum 153-154,197.5	226	*	*8	53	165
Malignant neoplasm of trachea, bronchus, and lung 162,176.4,197.0,197.3	493	*	20	175	294
Malignant neoplasm of breast 174-175,198.81	208	*	31	86	91
Benign neoplasms and neoplasms of uncertain behavior and unspecified nature 210-229,235-239	883	16	307	277	283
Endocrine, nutritional and metabolic diseases, and immunity disorders 240-279	11,623	456	1,700	2,993	6,473
Diabetes mellitus 250	3,740	31	439	1,111	2,159
Volume depletion 276.5	1,624	247	278	223	877
Diseases of the blood and blood-forming organs 280-289	3,792	177	950	773	1,891
Mental disorders 290-319	7,157	247	3,531	1,514	1,866
Psychoses 290-299	2,549	53	990	467	1,039
Alcohol dependence syndrome 303	767	*	440	241	83
Diseases of the nervous system and sense organs 320-389	3,353	453	602	648	1,649
Diseases of the central nervous system 320-349	1,808	128	358	339	983
Diseases of the ear and mastoid process 380-389	496	260	58	59	119
Diseases of the circulatory system 390-459	24,816	123	1,456	5,900	17,337
Heart disease 391-392.0,393-398,402,404,410-416,420-429	15,662	75	748	3,534	11,305
Acute myocardial infarction 410	865	*	50	283	530
Coronary atherosclerosis 414.0	2,833	*	93	760	1,977
Other ischemic heart disease 411-413,414.1-414.9	2,864	*	123	849	1,888
Cardiac dysrhythmias 427	3,163	22	157	553	2,431
Congestive heart failure 428.0	2,664	16	72	411	2,165
Cerebrovascular disease 430-438	1,804	11	53	331	1,409
Diseases of the respiratory system 460-519	8,786	1,097	1,214	1,801	4,674
Acute respiratory infections 460-466	748	310	155	100	183
Chronic disease of tonsils and adenoids 474	62	38	20	*	*
Pneumonia 480-486	1,820	273	233	313	1,000
Asthma 493	1,053	267	310	211	264
Diseases of the digestive system 520-579	8,075	427	1,804	2,058	3,786
Ulcers of the stomach and small intestine 531-534	556	*	94	152	307
Appendicitis 540-543	281	64	162	39	16
Inguinal hernia 550	128	13	22	26	67
Noninfectious enteritis and colitis 555-558	738	157	186	143	252
Cholelithiasis 574	705	*	194	196	313
Diseases of the genitourinary system 580-629	6,820	138	2,012	1,533	3,136
Calculus of kidney and ureter 592	300	*	129	94	76
Hyperplasia of prostate 600	371	...	*	74	295
Complications of pregnancy, childbirth, and the puerperium 630-676	7,803	37	7,762	*	...
Abortions and ectopic and molar pregnancies 630-639	141	*	140	*	...
Diseases of the skin and subcutaneous tissue 680-709	1,418	108	323	330	657
Cellulitis and abscess 681-682	599	38	152	154	255
Diseases of the musculoskeletal system and connective tissue 710-739	4,301	74	842	1,031	2,355
Arthropathies and related disorders 710-719	1,915	23	248	402	1,241
Intervertebral disc disorders 722	498	*	220	159	118
Congenital anomalies 740-759	538	298	117	59	63
Certain conditions originating in the perinatal period 760-779	355	346	*5	*	*
Symptoms, signs, and ill-defined conditions 780-799	5,664	454	1,368	1,396	2,446
Injury and poisoning 800-999	5,972	455	2,161	1,206	2,150
Fractures, all sites 800-829	1,489	111	477	233	667
Fracture of neck of femur 820	339	*	9	24	303
Intracranial injuries (excluding those with skull fracture) 850-854	205	30	98	27	50
Open wounds 870-897	502	48	290	72	92
Supplementary classifications V01-V82	7,669	257	4,885	791	1,736
Females with deliveries V27	3,901	15	3,885	*	...

* 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, 1994[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	115,706	46,711	68,996
Infectious and parasitic diseases 001-139	3,277	1,471	1,806
Septicemia 038	553	248	305
Neoplasms 140-239	4,287	1,813	2,473
Malignant neoplasms 140-208,230-234	3,403	1,619	1,784
Malignant neoplasm of large intestine and rectum 153-154,197.5	226	95	131
Malignant neoplasm of trachea, bronchus, and lung 162,176.4,197.0,197.3	493	269	225
Malignant neoplasm of breast 174-175,198.81	208	*	207
Benign neoplasms and neoplasms of uncertain behavior and unspecified nature 210-229,235-239	883	194	689
Endocrine, nutritional and metabolic diseases, and immunity disorders 240-279	11,623	4,719	6,904
Diabetes mellitus 250	3,740	1,638	2,102
Volume depletion 276.5	1,624	685	940
Diseases of the blood and blood-forming organs 280-289	3,792	1,512	2,280
Mental disorders 290-319	7,157	3,644	3,513
Psychoses 290-299	2,549	1,168	1,381
Alcohol dependence syndrome 303	767	570	197
Diseases of the nervous system and sense organs 320-389	3,353	1,544	1,808
Diseases of the central nervous system 320-349	1,808	809	1,000
Diseases of the ear and mastoid process 380-389	496	246	250
Diseases of the circulatory system 390-459	24,816	11,871	12,944
Heart disease 391-392,0,393-398,402,404,410-416,420-429	15,662	7,759	7,903
Acute myocardial infarction 410	865	498	367
Coronary atherosclerosis 414.0	2,833	1,576	1,258
Other ischemic heart disease 411-413,414.1-414.9	2,864	1,532	1,332
Cardiac dysrhythmias 427	3,163	1,550	1,612
Congestive heart failure 428.0	2,664	1,162	1,502
Cerebrovascular disease 430-438	1,804	826	978
Diseases of the respiratory system 460-519	8,786	4,310	4,475
Acute respiratory infections 460-466	748	358	390
Chronic disease of tonsils and adenoids 474	62	32	30
Pneumonia 480-486	1,820	925	894
Asthma 493	1,053	404	649
Diseases of the digestive system 520-579	8,075	3,541	4,534
Ulcers of the stomach and small intestine 531-534	556	283	273
Appendicitis 540-543	281	164	117
Inguinal hernia 550	128	108	20
Noninfectious enteritis and colitis 555-558	738	306	432
Cholelithiasis 574	705	240	465
Diseases of the genitourinary system 580-629	6,820	2,307	4,513
Calculus of kidney and ureter 592	300	178	122
Hyperplasia of prostate 600	371	371	...
Complications of pregnancy, childbirth, and the puerperium 630-676	7,803	...	7,803
Abortions and ectopic and molar pregnancies 630-639	141	...	141
Diseases of the skin and subcutaneous tissue 680-709	1,418	684	734
Cellulitis and abscess 681-682	599	303	296
Diseases of the musculoskeletal system and connective tissue 710-739	4,301	1,627	2,674
Arthropathies and related disorders 710-719	1,915	654	1,260
Intervertebral disc disorders 722	498	256	242
Congenital anomalies 740-759	538	257	281
Certain conditions originating in the perinatal period 760-779	355	205	151
Symptoms, signs, and ill-defined conditions 780-799	5,664	2,596	3,068
Injury and poisoning 800-999	5,972	3,112	2,860
Fractures, all sites 800-829	1,489	691	798
Fracture of neck of femur 820	339	91	249
Intracranial injuries (excluding those with skull fracture) 850-854	205	128	77
Open wounds 870-897	502	348	154
Supplementary classifications V01-V82	7,669	1,495	6,174
Females with deliveries V27	3,901	...	3,901

* 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, 1994[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
All conditions	115,706	76,555	13,602	4,608	20,941
Infectious and parasitic diseases 001-139	3,277	1,977	589	148	564
Septicemia 038	553	361	83	25	85
Neoplasms 140-239	4,287	3,030	439	159	659
Malignant neoplasms 140-208,230-234	3,403	2,449	316	124	515
Malignant neoplasm of large intestine and rectum 153-154,197.5	226	159	22	9	37
Malignant neoplasm of trachea, bronchus, and lung 162,176.4,197.0,197.3	493	370	43	16	64
Malignant neoplasm of breast 174-175,198.81	208	149	17	*9	33
Benign neoplasms and neoplasms of uncertain behavior and unspecified nature 210-229,235-239	883	581	123	35	144
Endocrine, nutritional and metabolic diseases, and immunity disorders 240-279	11,623	7,652	1,457	403	2,111
Diabetes mellitus 250	3,740	2,357	543	142	699
Volume depletion 276.5	1,624	1,081	205	56	282
Diseases of the blood and blood-forming organs 280-289	3,792	2,347	631	176	637
Mental disorders 290-319	7,157	4,580	966	217	1,395
Psychoses 290-299	2,549	1,728	298	76	447
Alcohol dependence syndrome 303	767	421	140	18	189
Diseases of the nervous system and sense organs 320-389	3,353	2,239	402	118	593
Diseases of the central nervous system 320-349	1,808	1,219	216	64	309
Diseases of the ear and mastoid process 380-389	496	305	72	19	100
Diseases of the circulatory system 390-459	24,816	17,564	2,373	702	4,177
Heart disease 391-392.0,393-398,402,404,410-416,420-429	15,662	11,345	1,239	421	2,658
Acute myocardial infarction 410	865	629	57	27	153
Coronary atherosclerosis 414.0	2,833	2,129	161	74	468
Other ischemic heart disease 411-413,414.1-414.9	2,864	2,106	187	75	496
Cardiac dysrhythmias 427	3,163	2,305	230	87	541
Congestive heart failure 428.0	2,664	1,857	253	65	489
Cerebrovascular disease 430-438	1,804	1,245	198	59	301
Diseases of the respiratory system 460-519	8,786	5,907	1,045	303	1,531
Acute respiratory infections 460-466	748	454	123	34	137
Chronic disease of tonsils and adenoids 474	62	41	*8	*	11
Pneumonia 480-486	1,820	1,180	233	66	340
Asthma 493	1,053	601	219	55	178
Diseases of the digestive system 520-579	8,075	5,523	835	281	1,436
Ulcers of the stomach and small intestine 531-534	556	375	64	25	92
Appendicitis 540-543	281	184	19	21	58
Inguinal hernia 550	128	89	11	*	25
Noninfectious enteritis and colitis 555-558	738	498	78	23	139
Cholelithiasis 574	705	480	59	28	138
Diseases of the genitourinary system 580-629	6,820	4,576	774	258	1,211
Calculus of kidney and ureter 592	300	232	*8	10	50
Hyperplasia of prostate 600	371	268	23	13	67
Complications of pregnancy, childbirth, and the puerperium 630-676	7,803	4,251	1,181	640	1,731
Abortions and ectopic and molar pregnancies 630-639	141	68	38	12	24
Diseases of the skin and subcutaneous tissue 680-709	1,418	934	180	57	247
Cellulitis and abscess 681-682	599	402	68	27	102
Diseases of the musculoskeletal system and connective tissue 710-739	4,301	3,089	329	96	787
Arthropathies and related disorders 710-719	1,915	1,350	165	41	359
Intervertebral disc disorders 722	498	382	23	13	80
Congenital anomalies 740-759	538	350	56	30	102
Certain conditions originating in the perinatal period 760-779	355	187	52	25	91
Symptoms, signs, and ill-defined conditions 780-799	5,664	3,687	698	232	1,047
Injury and poisoning 800-999	5,972	3,947	684	246	1,095
Fractures, all sites 800-829	1,489	1,023	129	55	282
Fracture of neck of femur 820	339	249	17	*8	65
Intracranial injuries (excluding those with skull fracture) 850-854	205	132	24	11	38
Open wounds 870-897	502	302	93	22	85
Supplementary classifications V01-V82	7,669	4,716	911	516	1,527
Females with deliveries V27	3,901	2,155	521	348	877

* 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, 1994[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	115,706	27,003	28,210	41,543	18,951
Infectious and parasitic diseases 001-139	3,277	781	740	1,218	538
Septicemia 038	553	125	108	223	97
Neoplasms 140-239	4,287	1,127	999	1,461	700
Malignant neoplasms 140-208,230-234	3,403	904	805	1,133	562
Malignant neoplasm of large intestine and rectum 153-154,197.5	226	58	51	78	39
Malignant neoplasm of trachea, bronchus, and lung 162,176.4,197.0,197.3	493	127	116	178	72
Malignant neoplasm of breast 174-175,198.81	208	59	47	68	34
Benign neoplasms and neoplasms of uncertain behavior and unspecified nature 210-229,235-239	883	223	194	328	138
Endocrine, nutritional and metabolic diseases, and immunity disorders 240-279	11,623	2,665	3,067	4,234	1,657
Diabetes mellitus 250	3,740	870	900	1,425	544
Volume depletion 276.5	1,624	337	437	619	232
Diseases of the blood and blood-forming organs 280-289	3,792	889	872	1,391	639
Mental disorders 290-319	7,157	1,943	1,910	2,281	1,023
Psychoses 290-299	2,549	691	649	854	355
Alcohol dependence syndrome 303	767	212	231	219	105
Diseases of the nervous system and sense organs 320-389	3,353	845	816	1,109	582
Diseases of the central nervous system 320-349	1,808	421	457	601	329
Diseases of the ear and mastoid process 380-389	496	126	130	153	87
Diseases of the circulatory system 390-459	24,816	6,062	6,015	9,137	3,602
Heart disease 391-392.0,393-398,402,404,410-416,420-429	15,662	3,952	3,790	5,638	2,283
Acute myocardial infarction 410	865	208	206	300	151
Coronary atherosclerosis 414.0	2,833	699	681	1,008	445
Other ischemic heart disease 411-413,414.1-414.9	2,864	757	681	1,011	414
Cardiac dysrhythmias 427	3,163	784	766	1,157	457
Congestive heart failure 428.0	2,664	632	710	996	326
Cerebrovascular disease 430-438	1,804	388	429	721	265
Diseases of the respiratory system 460-519	8,786	2,003	2,164	3,291	1,328
Acute respiratory infections 460-466	748	152	204	273	118
Chronic disease of tonsils and adenoids 474	62	35	*6	12	9
Pneumonia 480-486	1,820	353	478	713	276
Asthma 493	1,053	298	259	329	167
Diseases of the digestive system 520-579	8,075	1,941	1,935	2,916	1,283
Ulcers of the stomach and small intestine 531-534	556	135	141	201	79
Appendicitis 540-543	281	47	70	100	64
Inguinal hernia 550	128	35	25	49	18
Noninfectious enteritis and colitis 555-558	738	176	168	273	122
Cholelithiasis 574	705	171	160	247	128
Diseases of the genitourinary system 580-629	6,820	1,493	1,628	2,697	1,002
Calculus of kidney and ureter 592	300	71	78	122	29
Hyperplasia of prostate 600	371	91	92	130	58
Complications of pregnancy, childbirth, and the puerperium 630-676	7,803	1,466	1,641	2,874	1,823
Abortions and ectopic and molar pregnancies 630-639	141	43	21	58	19
Diseases of the skin and subcutaneous tissue 680-709	1,418	386	347	475	211
Cellulitis and abscess 681-682	599	159	151	189	100
Diseases of the musculoskeletal system and connective tissue 710-739	4,301	963	1,074	1,559	705
Arthropathies and related disorders 710-719	1,915	439	485	692	299
Intervertebral disc disorders 722	498	92	109	216	82
Congenital anomalies 740-759	538	180	126	123	109
Certain conditions originating in the perinatal period 760-779	355	61	112	88	94
Symptoms, signs, and ill-defined conditions 780-799	5,664	1,305	1,447	2,030	882
Injury and poisoning 800-999	5,972	1,378	1,440	2,010	1,145
Fractures, all sites 800-829	1,489	337	362	500	290
Fracture of neck of femur 820	339	66	89	126	58
Intracranial injuries (excluding those with skull fracture) 850-854	205	51	56	53	44
Open wounds 870-897	502	117	117	172	96
Supplementary classifications V01-V82	7,669	1,513	1,877	2,650	1,628
Females with deliveries V27	3,901	670	819	1,453	960

* 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, 1994[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	40,710	1,884	15,375	9,174	14,277
Operations on the nervous system	933	195	323	196	219
Spinal tap	03.31	328	136	84	51
Operations on the endocrine system	06-07	103	*	38	37
Operations on the eye	08-16	283	20	43	67
Operations on the ear	18-20	80	44	15	10
Operations on the nose, mouth, and pharynx	21-29	394	81	160	84
Tonsillectomy with or without adenoidectomy	28.2-28.3	51	29	17	*
Operations on the respiratory system	30-34	981	42	181	281
Bronchoscopy with or without biopsy	33.21-33.24,33.27	289	14	49	87
Operations on the cardiovascular system	35-39	4,653	138	495	1,619
Removal of coronary artery obstruction	36.0	428	*	32	193
Coronary artery bypass graft ¹	36.1	501	*	18	217
Cardiac catheterization	37.21-37.23	1,048	12	89	445
Insertion, replacement, removal, and revision of pacemaker leads or device	37.7-37.8	328	*	*7	43
Shunt or vascular bypass	39.0-39.2	175	*	13	61
Hemodialysis	39.95	348	*	74	116
Operations on the hemic and lymphatic system	40-41	370	17	70	118
Operations on the digestive system	42-54	5,123	194	1,323	1,310
Endoscopy of small intestine with or without biopsy	45.11-45.14,45.16	878	15	154	219
Endoscopy of large intestine with or without biopsy	45.21-45.25	548	*5	72	129
Partial excision of large intestine	45.7	198	*	19	53
Appendectomy, excluding incidental	47.0	280	62	164	39
Cholecystectomy	51.2	463	*	152	147
Repair of inguinal hernia	53.0-53.1	98	10	21	22
Lysis of peritoneal adhesions	54.5	328	*	153	84
Operations on the urinary system	55-59	1,186	32	261	317
Cystoscopy with or without biopsy	57.31-57.33	276	*	42	70
Operations on the male genital organs	60-64	400	35	20	95
Prostatectomy	60.2-60.6	263	...	*	61
Operations on the female genital organs	65-71	2,106	*7	1,309	516
Oophorectomy and salpingo-oophorectomy	65.3-65.6	445	*	205	176
Bilateral destruction or occlusion of fallopian tubes	66.2-66.3	362	*	360	*
Hysterectomy	68.3-68.7,68.9	556	-	298	188
Dilation and curettage of uterus	69.0	114	*	89	17
Repair of cystocele and rectocele	70.5	157	-	30	60
Obstetrical procedures	72-75	6,772	28	6,741	*
Episiotomy with or without forceps or vacuum extraction	72.1,72.21,72.31,72.71,73.6	1,512	*6	1,506	*
Artificial rupture of membranes	73.0	766	*	763	*
Cesarean section	74.0-74.2,74.4,74.99	858	*	856	*
Fetal EKG (scalp) and fetal monitoring, not otherwise specified	75.32,75.34	1,099	*6	1,092	*
Repair of current obstetric laceration	75.5-75.6	910	*	907	*
Operations on the musculoskeletal system	76-84	3,167	171	1,118	824
Partial excision of bone	76.2-76.3,77.6-77.8	238	10	99	78
Open reduction of fracture with internal fixation	79.3	399	14	132	82
Excision or destruction of intervertebral disc	80.5	317	*	157	118
Total hip replacement	81.51	124	*	13	29
Total knee replacement	81.54	209	*	*6	51
Operations on the integumentary system	85-86	1,313	79	440	360
Mastectomy	85.4	108	*	14	43
Debridement of wound, infection, or burn	86.22,86.28	327	22	100	73
Skin graft	86.6-86.7	109	14	40	27
Miscellaneous diagnostic and therapeutic procedures	87-99	12,845	798	2,838	3,339
Computerized axial tomography	87.03,87.41,87.71,88.01,88.38	1,028	52	232	247
Pyelogram	87.73-87.75	184	*	71	51
Arteriography and angiocardiology using contrast material	88.4-88.5	1,804	15	174	712
Diagnostic ultrasound	88.7	1,310	50	323	307
Circulatory monitoring	89.6	427	18	74	106
Radioisotope scan	92.0-92.1	355	*8	57	106
Respiratory therapy	93.9,96.7	1,174	201	162	254

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

¹The number of discharges with a coronary artery bypass graft was 318,000.

Table 23. Rate of all-listed procedures for discharges from short-stay hospitals, by age and procedure category: United States, 1994[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	15,722.3	3,286.3	13,075.8	18,041.2	43,056.7
Operations on the nervous system 01-05	360.5	340.7	274.9	384.6	661.5
Spinal tap 03.31	126.5	238.0	71.8	100.5	167.6
Operations on the endocrine system 06-07	39.8	*	31.9	71.9	76.2
Operations on the eye 08-16	109.4	34.5	36.3	132.3	463.4
Operations on the ear 18-20	31.0	76.6	12.9	19.4	33.8
Operations on the nose, mouth, and pharynx 21-29	152.2	141.6	136.1	164.5	209.0
Tonsillectomy with or without adenoidectomy 28.2-28.3	19.5	50.3	14.6	*	*
Operations on the respiratory system 30-34	378.9	72.5	154.1	553.2	1,438.6
Bronchoscopy with or without biopsy 33.21-33.24,33.27	111.8	23.9	41.9	170.4	421.9
Operations on the cardiovascular system 35-39	1,796.9	240.8	421.1	3,182.9	7,240.9
Removal of coronary artery obstruction 36.0	165.2	*	26.8	380.3	611.4
Coronary artery bypass graft ¹ 36.1	193.6	*	15.5	426.6	800.2
Cardiac catheterization 37.21-37.23	404.6	21.3	75.3	874.1	1,514.9
Insertion, replacement, removal, and revision of pacemaker leads or device 37.7-37.8	126.8	*	*6.3	84.5	828.6
Shunt or vascular bypass 39.0-39.2	67.6	*	10.8	120.7	294.2
Hemodialysis 39.95	134.3	*	62.9	227.7	473.5
Operations on the hemic and lymphatic system 40-41	143.0	29.3	59.9	231.7	498.3
Operations on the digestive system 42-54	1,978.4	338.2	1,124.8	2,575.9	6,925.2
Endoscopy of small intestine with or without biopsy 45.11-45.14,45.16	339.2	25.7	130.8	430.5	1,480.5
Endoscopy of large intestine with or without biopsy 45.21-45.25	211.6	*8.9	61.6	253.8	1,028.9
Partial excision of large intestine 45.7	76.6	*	16.3	104.1	371.7
Appendectomy, excluding incidental 47.0	108.0	108.5	139.2	76.4	45.4
Cholecystectomy 51.2	178.8	*	129.1	289.6	485.1
Repair of inguinal hernia 53.0-53.1	37.7	17.4	18.0	42.9	134.9
Lysis of peritoneal adhesions 54.5	126.8	*	130.2	165.3	261.1
Operations on the urinary system 55-59	457.9	56.6	221.9	623.6	1,734.7
Cystoscopy with or without biopsy 57.31-57.33	106.5	*	36.1	136.9	481.4
Operations on the male genital organs 60-64	154.6	60.9	17.1	187.6	753.1
Prostatectomy 60.2-60.6	101.4	...	*	120.2	603.1
Operations on the female genital organs 65-71	813.4	*11.4	1,113.2	1,014.2	829.3
Oophorectomy and salpingo-oophorectomy 65.3-65.6	171.9	*	174.5	346.2	188.4
Bilateral destruction or occlusion of fallopian tubes 66.2-66.3	139.6	*	306.1	*	...
Hysterectomy 68.3-68.7,68.9	214.7	-	253.5	369.1	211.6
Dilation and curettage of uterus 69.0	43.9	*	75.5	33.0	*23.5
Repair of cystocele and rectocele 70.5	60.8	-	25.8	117.8	202.5
Obstetrical procedures 72-75	2,615.5	49.3	5,732.9	*	...
Episiotomy with or without forceps or vacuum extraction 72.1,72.21,72.31,72.71,73.6	584.0	*9.8	1,281.0	*	...
Artificial rupture of membranes 73.0	295.9	*	648.9	*	...
Cesarean section 74.0-74.2,74.4,74.99	331.5	*	727.7	*	...
Fetal EKG (scalp) and fetal monitoring, not otherwise specified 75.32,75.34	424.3	*10.8	928.6	*	...
Repair of current obstetric laceration 75.5-75.6	351.6	*	771.5	*	...
Operations on the musculoskeletal system 76-84	1,222.9	297.6	950.9	1,619.9	3,179.2
Partial excision of bone 76.2-76.3,77.6-77.8	91.8	18.1	84.3	153.2	151.6
Open reduction of fracture with internal fixation 79.3	154.0	24.0	112.3	161.4	515.3
Excision or destruction of intervertebral disc 80.5	122.5	*	133.3	232.2	124.8
Total hip replacement 81.51	47.8	*	11.0	57.6	246.1
Total knee replacement 81.54	80.6	*	*5.0	101.0	454.9
Operations on the integumentary system 85-86	507.1	138.0	374.2	708.1	1,308.5
Mastectomy 85.4	41.8	*	12.0	83.6	154.5
Debridement of wound, infection, or burn 86.22,86.28	126.3	38.2	84.9	143.3	399.6
Skin graft 86.6-86.7	42.2	25.0	33.9	53.0	85.0
Miscellaneous diagnostic and therapeutic procedures 87-99	4,960.9	1,392.0	2,413.5	6,565.4	17,705.2
Computerized axial tomography 87.03,87.41,87.71,88.01,88.38	397.1	89.9	197.1	485.4	1,502.6
Pyelogram 87.73-87.75	71.1	*	60.3	99.8	179.8
Arteriography and angiocardiology using contrast material 88.4-88.5	696.5	26.7	148.0	1,400.3	2,720.6
Diagnostic ultrasound 88.7	505.8	86.4	274.9	603.3	1,900.2
Circulatory monitoring 89.6	164.8	31.7	63.0	207.7	690.3
Radioisotope scan 92.0-92.1	137.0	*14.7	48.7	208.8	551.2
Respiratory therapy 93.9,96.7	453.2	351.3	137.9	500.5	1,675.4

* Figure does not meet standard of reliability or precision.

... Category not applicable.

- Quantity zero.

¹The rate per 100,000 population of discharges with a coronary artery bypass graft was 122.7.

Table 24. Number of all-listed procedures for discharges from short-stay hospitals, by sex and procedure category: United States, 1994[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	40,710	15,870	24,840
Operations on the nervous system 01-05	933	446	488
Spinal tap 03.31	328	166	162
Operations on the endocrine system 06-07	103	27	76
Operations on the eye 08-16	283	127	156
Operations on the ear 18-20	80	44	37
Operations on the nose, mouth, and pharynx 21-29	394	212	182
Tonsillectomy with or without adenoidectomy 28.2-28.3	51	25	26
Operations on the respiratory system 30-34	981	567	414
Bronchoscopy with or without biopsy 33.21-33.24,33.27	289	169	121
Operations on the cardiovascular system 35-39	4,653	2,724	1,928
Removal of coronary artery obstruction 36.0	428	280	148
Coronary artery bypass graft ¹ 36.1	501	363	139
Cardiac catheterization 37.21-37.23	1,048	633	415
Insertion, replacement, removal, and revision of pacemaker leads or device 37.7-37.8	328	154	175
Shunt or vascular bypass 39.0-39.2	175	100	75
Hemodialysis 39.95	348	173	175
Operations on the hemic and lymphatic system 40-41	370	187	183
Operations on the digestive system 42-54	5,123	2,176	2,946
Endoscopy of small intestine with or without biopsy 45.11-45.14,45.16	878	409	470
Endoscopy of large intestine with or without biopsy 45.21-45.25	548	225	323
Partial excision of large intestine 45.7	198	89	110
Appendectomy, excluding incidental 47.0	280	157	122
Cholecystectomy 51.2	463	148	315
Repair of inguinal hernia 53.0-53.1	98	82	15
Lysis of peritoneal adhesions 54.5	328	63	265
Operations on the urinary system 55-59	1,186	610	575
Cystoscopy with or without biopsy 57.31-57.33	276	170	106
Operations on the male genital organs 60-64	400	400	...
Prostatectomy 60.2-60.6	263	263	...
Operations on the female genital organs 65-71	2,106	...	2,106
Oophorectomy and salpingo-oophorectomy 65.3-65.6	445	...	445
Bilateral destruction or occlusion of fallopian tubes 66.2-66.3	362	...	362
Hysterectomy 68.3-68.7,68.9	556	...	556
Dilation and curettage of uterus 69.0	114	...	114
Repair of cystocele and rectocele 70.5	157	...	157
Obstetrical procedures 72-75	6,772	...	6,772
Episiotomy with or without forceps or vacuum extraction 72.1,72.21,72.31,72.71,73.6	1,512	...	1,512
Artificial rupture of membranes 73.0	766	...	766
Cesarean section 74.0-74.2,74.4,74.99	858	...	858
Fetal EKG (scalp) and fetal monitoring, not otherwise specified 75.32,75.34	1,099	...	1,099
Repair of current obstetric laceration 75.5-75.6	910	...	910
Operations on the musculoskeletal system 76-84	3,167	1,601	1,566
Partial excision of bone 76.2-76.3,77.6-77.8	238	122	116
Open reduction of fracture with internal fixation 79.3	399	174	225
Excision or destruction of intervertebral disc 80.5	317	172	145
Total hip replacement 81.51	124	49	75
Total knee replacement 81.54	209	78	130
Operations on the integumentary system 85-86	1,313	574	739
Mastectomy 85.4	108	*	107
Debridement of wound, infection, or burn 86.22,86.28	327	189	138
Skin graft 86.6-86.7	109	67	42
Miscellaneous diagnostic and therapeutic procedures 87-99	12,845	6,174	6,671
Computerized axial tomography 87.03,87.41,87.71,88.01,88.38	1,028	500	528
Pyelogram 87.73-87.75	184	98	86
Arteriography and angiocardiology using contrast material 88.4-88.5	1,804	1,058	746
Diagnostic ultrasound 88.7	1,310	538	771
Circulatory monitoring 89.6	427	208	219
Radioisotope scan 92.0-92.1	355	155	200
Respiratory therapy 93.9,96.7	1,174	577	597

* Figure does not meet standard of reliability or precision.

... Category not applicable.

¹The number of discharges with a coronary artery bypass graft was 318,000.

Table 25. Rate of all-listed procedures for discharges from short-stay hospitals, by sex and procedure category: United States, 1994[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	15,722.3	12,611.5	18,663.5
Operations on the nervous system 01-05	360.5	354.2	366.5
Spinal tap 03.31	126.5	131.9	121.5
Operations on the endocrine system 06-07	39.8	21.7	56.9
Operations on the eye 08-16	109.4	101.2	117.2
Operations on the ear 18-20	31.0	34.7	27.5
Operations on the nose, mouth, and pharynx 21-29	152.2	168.6	136.8
Tonsillectomy with or without adenoidectomy 28.2-28.3	19.5	19.9	19.2
Operations on the respiratory system 30-34	378.9	450.7	311.0
Bronchoscopy with or without biopsy 33.21-33.24,33.27	111.8	134.1	90.8
Operations on the cardiovascular system 35-39	1,796.9	2,165.0	1,448.8
Removal of coronary artery obstruction 36.0	165.2	222.3	111.3
Coronary artery bypass graft ¹ 36.1	193.6	288.2	104.1
Cardiac catheterization 37.21-37.23	404.6	502.9	311.6
Insertion, replacement, removal, and revision of pacemaker leads or device 37.7-37.8	126.8	122.2	131.1
Shunt or vascular bypass 39.0-39.2	67.6	79.7	56.2
Hemodialysis 39.95	134.3	137.3	131.5
Operations on the hemic and lymphatic system 40-41	143.0	148.7	137.6
Operations on the digestive system 42-54	1,978.4	1,729.6	2,213.5
Endoscopy of small intestine with or without biopsy 45.11-45.14,45.16	339.2	324.9	352.8
Endoscopy of large intestine with or without biopsy 45.21-45.25	211.6	178.9	242.4
Partial excision of large intestine 45.7	76.6	70.5	82.4
Appendectomy, excluding incidental 47.0	108.0	125.0	92.0
Cholecystectomy 51.2	178.8	117.8	236.4
Repair of inguinal hernia 53.0-53.1	37.7	65.4	11.6
Lysis of peritoneal adhesions 54.5	126.8	50.4	199.0
Operations on the urinary system 55-59	457.9	485.1	432.3
Cystoscopy with or without biopsy 57.31-57.33	106.5	134.8	79.7
Operations on the male genital organs 60-64	154.6	318.0	...
Prostatectomy 60.2-60.6	101.4	208.6	...
Operations on the female genital organs 65-71	813.4	...	1,582.4
Oophorectomy and salpingo-oophorectomy 65.3-65.6	171.9	...	334.4
Bilateral destruction or occlusion of fallopian tubes 66.2-66.3	139.6	...	271.6
Hysterectomy 68.3-68.7,68.9	214.7	...	417.7
Dilation and curettage of uterus 69.0	43.9	...	85.4
Repair of cystocele and rectocele 70.5	60.8	...	118.2
Obstetrical procedures 72-75	2,615.5	...	5,088.3
Episiotomy with or without forceps or vacuum extraction 72.1,72.21,72.31,72.71,73.6	584.0	...	1,136.1
Artificial rupture of membranes 73.0	295.9	...	575.6
Cesarean section 74.0-74.2,74.4,74.99	331.5	...	645.0
Fetal EKG (scalp) and fetal monitoring, not otherwise specified 75.32,75.34	424.3	...	825.4
Repair of current obstetric laceration 75.5-75.6	351.6	...	684.0
Operations on the musculoskeletal system 76-84	1,222.9	1,272.0	1,176.6
Partial excision of bone 76.2-76.3,77.6-77.8	91.8	97.1	86.8
Open reduction of fracture with internal fixation 79.3	154.0	138.4	168.7
Excision or destruction of intervertebral disc 80.5	122.5	136.5	109.3
Total hip replacement 81.51	47.8	38.8	56.3
Total knee replacement 81.54	80.6	62.2	97.9
Operations on the integumentary system 85-86	507.1	455.8	555.6
Mastectomy 85.4	41.8	*	80.6
Debridement of wound, infection, or burn 86.22,86.28	126.3	150.3	103.6
Skin graft 86.6-86.7	42.2	53.4	31.7
Miscellaneous diagnostic and therapeutic procedures 87-99	4,960.9	4,906.2	5,012.5
Computerized axial tomography 87.03,87.41,87.71,88.01,88.38	397.1	397.4	396.9
Pyelogram 87.73-87.75	71.1	77.9	64.7
Arteriography and angiocardigraphy using contrast material 88.4-88.5	696.5	840.6	560.3
Diagnostic ultrasound 88.7	505.8	427.9	579.3
Circulatory monitoring 89.6	164.8	165.3	164.4
Radioisotope scan 92.0-92.1	137.0	123.0	150.1
Respiratory therapy 93.9,96.7	453.2	458.4	448.3

* 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 122.7.

Table 26. Number of all-listed procedures for discharges from short-stay hospitals, by race and procedure category: United States, 1994[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	40,710	26,952	4,672	2,216	6,869
Operations on the nervous system 01-05	933	617	95	43	178
Spinal tap 03.31	328	182	56	20	70
Operations on the endocrine system 06-07	103	72	10	*	16
Operations on the eye 08-16	283	202	24	11	46
Operations on the ear 18-20	80	53	11	*	13
Operations on the nose, mouth, and pharynx 21-29	394	272	40	16	66
Tonsillectomy with or without adenoidectomy 28.2-28.3	51	32	*7	*	10
Operations on the respiratory system 30-34	981	656	111	40	174
Bronchoscopy with or without biopsy 33.21-33.24,33.27	289	192	36	12	50
Operations on the cardiovascular system 35-39	4,653	3,250	452	184	766
Removal of coronary artery obstruction 36.0	428	311	21	12	84
Coronary artery bypass graft ¹ 36.1	501	387	15	20	79
Cardiac catheterization 37.21-37.23	1,048	782	68	31	166
Insertion, replacement, removal, and revision of pacemaker leads or device 37.7-37.8	328	252	16	*9	51
Shunt or vascular bypass 39.0-39.2	175	111	31	*7	26
Hemodialysis 39.95	348	158	92	33	65
Operations on the hemic and lymphatic system 40-41	370	261	34	17	58
Operations on the digestive system 42-54	5,123	3,455	540	215	912
Endoscopy of small intestine with or without biopsy 45.11-45.14,45.16	878	597	100	37	145
Endoscopy of large intestine with or without biopsy 45.21-45.25	548	383	60	14	91
Partial excision of large intestine 45.7	198	144	14	*7	33
Appendectomy, excluding incidental 47.0	280	184	19	21	56
Cholecystectomy 51.2	463	314	35	19	95
Repair of inguinal hernia 53.0-53.1	98	68	*7	*	19
Lysis of peritoneal adhesions 54.5	328	213	46	17	53
Operations on the urinary system 55-59	1,186	858	83	57	188
Cystoscopy with or without biopsy 57.31-57.33	276	192	22	13	49
Operations on the male genital organs 60-64	400	268	36	16	80
Prostatectomy 60.2-60.6	263	185	18	11	49
Operations on the female genital organs 65-71	2,106	1,358	261	94	393
Oophorectomy and salpingo-oophorectomy 65.3-65.6	445	304	47	14	80
Bilateral destruction or occlusion of fallopian tubes 66.2-66.3	362	195	61	25	81
Hysterectomy 68.3-68.7,68.9	556	374	60	20	102
Dilation and curettage of uterus 69.0	114	65	20	*8	22
Repair of cystocele and rectocele 70.5	157	119	*	*	31
Obstetrical procedures 72-75	6,772	3,809	843	679	1,441
Episiotomy with or without forceps or vacuum extraction 72.1,72.21,72.31,72.71,73.6	1,512	920	125	114	353
Artificial rupture of membranes 73.0	766	451	82	93	140
Cesarean section 74.0-74.2,74.4,74.99	858	498	112	67	182
Fetal EKG (scalp) and fetal monitoring, not otherwise specified 75.32,75.34	1,099	574	146	173	206
Repair of current obstetric laceration 75.5-75.6	910	508	99	83	220
Operations on the musculoskeletal system 76-84	3,167	2,227	265	101	574
Partial excision of bone 76.2-76.3,77.6-77.8	238	175	21	*	37
Open reduction of fracture with internal fixation 79.3	399	274	31	15	79
Excision or destruction of intervertebral disc 80.5	317	245	17	*9	47
Total hip replacement 81.51	124	91	*6	*	24
Total knee replacement 81.54	209	147	12	*	46
Operations on the integumentary system 85-86	1,313	850	173	58	233
Mastectomy 85.4	108	78	*7	*	19
Debridement of wound, infection, or burn 86.22,86.28	327	199	52	15	61
Skin graft 86.6-86.7	109	68	19	*6	17
Miscellaneous diagnostic and therapeutic procedures 87-99	12,845	8,747	1,691	675	1,732
Computerized axial tomography 87.03,87.41,87.71,88.01,88.38	1,028	682	170	61	116
Pyelogram 87.73-87.75	184	138	12	*8	26
Arteriography and angiocardigraphy using contrast material 88.4-88.5	1,804	1,361	123	55	264
Diagnostic ultrasound 88.7	1,310	866	210	83	151
Circulatory monitoring 89.6	427	282	66	28	50
Radioisotope scan 92.0-92.1	355	256	43	18	38
Respiratory therapy 93.9,96.7	1,174	722	200	81	170

* Figure does not meet standard of reliability or precision.

¹The number of discharges with a coronary artery bypass graft was 318,000.

Table 27. Rate of all-listed procedures for discharges from short-stay hospitals, by race and procedure category: United States, 1994[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
		Rate per 100,000 population			
All procedures	15,722.3	12,514.2	14,417.9	19,872.5	...
Operations on the nervous system 01-05	360.5	286.6	291.9	388.4	...
Spinal tap 03.31	126.5	84.5	171.7	183.4	...
Operations on the endocrine system 06-07	39.8	33.4	31.2	*	...
Operations on the eye 08-16	109.4	93.7	75.0	101.8	...
Operations on the ear 18-20	31.0	24.5	33.8	*	...
Operations on the nose, mouth, and pharynx 21-29	152.2	126.1	124.6	145.0	...
Tonsillectomy with or without adenoidectomy 28.2-28.3	19.5	14.6	*21.6	*	...
Operations on the respiratory system 30-34	378.9	304.7	343.2	355.9	...
Bronchoscopy with or without biopsy 33.21-33.24,33.27	111.8	89.2	109.7	105.1	...
Operations on the cardiovascular system 35-39	1,796.9	1,509.0	1,396.3	1,648.9	...
Removal of coronary artery obstruction 36.0	165.2	144.5	64.1	103.7	...
Coronary artery bypass graft ¹ 36.1	193.6	179.6	46.4	181.5	...
Cardiac catheterization 37.21-37.23	404.6	363.1	210.6	280.6	...
Insertion, replacement, removal, and revision of pacemaker leads or device 37.7-37.8	126.8	116.9	50.4	*79.6	...
Shunt or vascular bypass 39.0-39.2	67.6	51.6	96.3	*63.5	...
Hemodialysis 39.95	134.3	73.3	283.2	295.8	...
Operations on the hemic and lymphatic system 40-41	143.0	121.0	106.2	153.4	...
Operations on the digestive system 42-54	1,978.4	1,604.0	1,667.2	1,931.9	...
Endoscopy of small intestine with or without biopsy 45.11-45.14,45.16	339.2	277.0	308.3	332.9	...
Endoscopy of large intestine with or without biopsy 45.21-45.25	211.6	178.0	183.7	124.6	...
Partial excision of large intestine 45.7	76.6	66.7	43.9	*65.1	...
Appendectomy, excluding incidental 47.0	108.0	85.5	60.1	185.5	...
Cholecystectomy 51.2	178.8	145.7	109.4	168.0	...
Repair of inguinal hernia 53.0-53.1	37.7	31.6	*22.6	*	...
Lysis of peritoneal adhesions 54.5	126.8	99.0	140.5	151.9	...
Operations on the urinary system 55-59	457.9	398.3	256.5	509.9	...
Cystoscopy with or without biopsy 57.31-57.33	106.5	89.2	66.5	119.3	...
Operations on the male genital organs 60-64	154.6	124.3	111.6	146.9	...
Prostatectomy 60.2-60.6	101.4	85.8	54.5	96.1	...
Operations on the female genital organs 65-71	813.4	630.4	806.6	843.4	...
Oophorectomy and salpingo-oophorectomy 65.3-65.6	171.9	141.2	145.9	124.0	...
Bilateral destruction or occlusion of fallopian tubes 66.2-66.3	139.6	90.4	188.7	223.3	...
Hysterectomy 68.3-68.7,68.9	214.7	173.6	185.7	178.4	...
Dilation and curettage of uterus 69.0	43.9	30.0	60.7	*68.4	...
Repair of cystocele and rectocele 70.5	60.8	55.4	*	*	...
Obstetrical procedures 72-75	2,615.5	1,768.5	2,602.7	6,092.7	...
Episiotomy with or without forceps or vacuum extraction 72.1,72.21,72.31,72.71,73.6	584.0	427.0	384.4	1,026.3	...
Artificial rupture of membranes 73.0	295.9	209.3	254.4	833.2	...
Cesarean section 74.0-74.2,74.4,74.99	331.5	231.0	346.0	602.5	...
Fetal EKG (scalp) and fetal monitoring, not otherwise specified 75.32,75.34	424.3	266.7	450.3	1,547.0	...
Repair of current obstetric laceration 75.5-75.6	351.6	235.7	306.3	745.1	...
Operations on the musculoskeletal system 76-84	1,222.9	1,033.9	819.2	903.2	...
Partial excision of bone 76.2-76.3,77.6-77.8	91.8	81.4	64.9	*	...
Open reduction of fracture with internal fixation 79.3	154.0	127.2	96.7	132.1	...
Excision or destruction of intervertebral disc 80.5	122.5	113.8	51.3	*79.8	...
Total hip replacement 81.51	47.8	42.4	*17.4	*	...
Total knee replacement 81.54	80.6	68.4	36.3	*	...
Operations on the integumentary system 85-86	507.1	394.5	533.4	519.3	...
Mastectomy 85.4	41.8	36.0	*22.7	*	...
Debridement of wound, infection, or burn 86.22,86.28	126.3	92.3	159.4	136.6	...
Skin graft 86.6-86.7	42.2	31.4	59.1	*52.3	...
Miscellaneous diagnostic and therapeutic procedures 87-99	4,960.9	4,061.2	5,218.4	6,055.3	...
Computerized axial tomography 87.03,87.41,87.71,88.01,88.38	397.1	316.5	524.5	549.4	...
Pyelogram 87.73-87.75	71.1	64.0	38.2	*72.2	...
Arteriography and angiocardiology using contrast material 88.4-88.5	696.5	632.0	380.1	492.6	...
Diagnostic ultrasound 88.7	505.8	402.1	647.3	741.5	...
Circulatory monitoring 89.6	164.8	131.0	204.3	252.6	...
Radioisotope scan 92.0-92.1	137.0	118.8	131.4	162.1	...
Respiratory therapy 93.9,96.7	453.2	335.4	618.0	729.0	...

* 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 122.7.

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, 1994[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
	Number in thousands				
All procedures	40,710	10,392	8,607	13,436	8,275
Operations on the nervous system 01-05	933	230	212	298	194
Spinal tap 03.31	328	81	74	97	76
Operations on the endocrine system 06-07	103	25	24	34	20
Operations on the eye 08-16	283	129	33	89	32
Operations on the ear 18-20	80	31	11	20	18
Operations on the nose, mouth, and pharynx 21-29	394	156	64	111	63
Tonsillectomy with or without adenoidectomy 28.2-28.3	51	28	*	11	*8
Operations on the respiratory system 30-34	981	262	221	319	180
Bronchoscopy with or without biopsy 33.21-33.24,33.27	289	75	62	100	52
Operations on the cardiovascular system 35-39	4,653	994	1,060	1,726	873
Removal of coronary artery obstruction 36.0	428	68	115	154	91
Coronary artery bypass graft ¹ 36.1	501	114	115	176	96
Cardiac catheterization 37.21-37.23	1,048	212	246	420	169
Insertion, replacement, removal, and revision of pacemaker leads or device 37.7-37.8	328	86	65	134	43
Shunt or vascular bypass 39.0-39.2	175	36	33	71	35
Hemodialysis 39.95	348	69	52	129	98
Operations on the hemic and lymphatic system 40-41	370	108	74	126	62
Operations on the digestive system 42-54	5,123	1,267	1,170	1,832	854
Endoscopy of small intestine with or without biopsy 45.11-45.14,45.16	878	218	199	323	138
Endoscopy of large intestine with or without biopsy 45.21-45.25	548	174	111	197	65
Partial excision of large intestine 45.7	198	51	49	63	36
Appendectomy, excluding incidental 47.0	280	45	68	105	62
Cholecystectomy 51.2	463	115	95	169	85
Repair of inguinal hernia 53.0-53.1	98	28	18	36	16
Lysis of peritoneal adhesions 54.5	328	67	82	127	52
Operations on the urinary system 55-59	1,186	362	267	367	190
Cystoscopy with or without biopsy 57.31-57.33	276	86	71	89	29
Operations on the male genital organs 60-64	400	91	92	150	67
Prostatectomy 60.2-60.6	263	55	60	101	46
Operations on the female genital organs 65-71	2,106	391	449	899	367
Oophorectomy and salpingo-oophorectomy 65.3-65.6	445	73	110	188	74
Bilateral destruction or occlusion of fallopian tubes 66.2-66.3	362	49	70	176	66
Hysterectomy 68.3-68.7,68.9	556	90	134	234	98
Dilation and curettage of uterus 69.0	114	39	15	44	16
Repair of cystocele and rectocele 70.5	157	24	33	69	32
Obstetrical procedures 72-75	6,772	1,238	1,458	2,252	1,824
Episiotomy with or without forceps or vacuum extraction 72.1,72.21,72.31,72.71,73.6	1,512	287	349	586	290
Artificial rupture of membranes 73.0	766	116	181	206	264
Cesarean section 74.0-74.2,74.4,74.99	858	146	179	351	183
Fetal EKG (scalp) and fetal monitoring, not otherwise specified 75.32,75.34	1,099	256	253	176	413
Repair of current obstetric laceration 75.5-75.6	910	175	205	290	240
Operations on the musculoskeletal system 76-84	3,167	771	744	1,092	559
Partial excision of bone 76.2-76.3,77.6-77.8	238	55	55	91	37
Open reduction of fracture with internal fixation 79.3	399	99	100	133	66
Excision or destruction of intervertebral disc 80.5	317	49	68	144	55
Total hip replacement 81.51	124	29	38	34	23
Total knee replacement 81.54	209	43	66	68	32
Operations on the integumentary system 85-86	1,313	370	284	449	211
Mastectomy 85.4	108	22	30	41	15
Debridement of wound, infection, or burn 86.22,86.28	327	81	81	114	51
Skin graft 86.6-86.7	109	32	19	42	17
Miscellaneous diagnostic and therapeutic procedures 87-99	12,845	3,968	2,443	3,674	2,760
Computerized axial tomography 87.03,87.41,87.71,88.01,88.38	1,028	335	155	288	251
Pyelogram 87.73-87.75	184	52	39	69	23
Arteriography and angiocardiology using contrast material 88.4-88.5	1,804	379	453	700	271
Diagnostic ultrasound 88.7	1,310	431	197	332	350
Circulatory monitoring 89.6	427	124	94	90	119
Radioisotope scan 92.0-92.1	355	117	56	93	89
Respiratory therapy 93.9,96.7	1,174	327	213	306	327

* Figure does not meet standard of reliability or precision.

¹The number of discharges with a coronary artery bypass graft was 318,000.

Table 29. Rate of all-listed procedures for discharges from short-stay hospitals, by geographic region and procedure category: United States, 1994[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	15,722.3	20,249.0	14,043.5	14,942.9	14,670.6
Operations on the nervous system 01-05	360.5	447.7	345.5	331.4	343.8
Spinal tap 03.31	126.5	157.4	120.5	107.3	135.6
Operations on the endocrine system 06-07	39.8	49.1	39.3	37.6	35.4
Operations on the eye 08-16	109.4	251.2	53.8	99.3	57.0
Operations on the ear 18-20	31.0	60.5	18.6	22.3	31.4
Operations on the nose, mouth, and pharynx 21-29	152.2	303.9	105.1	123.1	112.0
Tonsillectomy with or without adenoidectomy 28.2-28.3	19.5	54.3	*	12.0	*13.5
Operations on the respiratory system 30-34	378.9	509.6	359.9	354.7	319.2
Bronchoscopy with or without biopsy 33.21-33.24,33.27	111.8	146.7	101.6	111.4	91.8
Operations on the cardiovascular system 35-39	1,796.9	1,936.2	1,730.0	1,919.1	1,548.0
Removal of coronary artery obstruction 36.0	165.2	133.0	186.9	171.0	161.7
Coronary artery bypass graft ¹ 36.1	193.6	221.8	188.2	195.8	170.3
Cardiac catheterization 37.21-37.23	404.6	414.0	401.9	467.3	298.9
Insertion, replacement, removal, and revision of pacemaker leads or device 37.7-37.8	126.8	167.3	106.2	149.2	76.5
Shunt or vascular bypass 39.0-39.2	67.6	71.0	53.3	78.5	62.8
Hemodialysis 39.95	134.3	133.7	85.1	144.0	173.1
Operations on the hemic and lymphatic system 40-41	143.0	210.5	121.0	140.0	110.2
Operations on the digestive system 42-54	1,978.4	2,468.9	1,908.7	2,037.5	1,513.6
Endoscopy of small intestine with or without biopsy 45.11-45.14,45.16	339.2	425.0	324.6	359.4	245.0
Endoscopy of large intestine with or without biopsy 45.21-45.25	211.6	339.8	181.2	219.3	115.4
Partial excision of large intestine 45.7	76.6	99.0	79.5	70.1	63.3
Appendectomy, excluding incidental 47.0	108.0	88.1	110.7	116.5	110.0
Cholecystectomy 51.2	178.8	223.5	154.2	187.6	150.8
Repair of inguinal hernia 53.0-53.1	37.7	54.1	28.9	40.4	28.1
Lysis of peritoneal adhesions 54.5	126.8	131.5	133.1	141.7	91.7
Operations on the urinary system 55-59	457.9	705.2	435.6	407.9	337.0
Cystoscopy with or without biopsy 57.31-57.33	106.5	168.4	116.5	98.9	51.4
Operations on the male genital organs 60-64	154.6	176.6	150.4	167.0	119.1
Prostatectomy 60.2-60.6	101.4	107.6	98.6	111.8	82.2
Operations on the female genital organs 65-71	813.4	762.2	732.7	999.3	651.2
Oophorectomy and salpingo-oophorectomy 65.3-65.6	171.9	142.9	179.4	208.8	131.1
Bilateral destruction or occlusion of fallopian tubes 66.2-66.3	139.6	95.6	114.7	196.3	116.4
Hysterectomy 68.3-68.7,68.9	214.7	175.3	218.7	260.5	173.3
Dilation and curettage of uterus 69.0	43.9	75.9	24.3	48.8	28.1
Repair of cystocele and rectocele 70.5	60.8	46.9	53.1	76.4	56.7
Obstetrical procedures 72-75	2,615.5	2,412.6	2,378.6	2,504.7	3,234.0
Episiotomy with or without forceps or vacuum extraction 72.1,72.21,72.31,72.71,73.6	584.0	559.0	569.4	651.8	514.6
Artificial rupture of membranes 73.0	295.9	225.4	295.1	229.2	467.3
Cesarean section 74.0-74.2,74.4,74.99	331.5	284.2	291.6	390.2	324.5
Fetal EKG (scalp) and fetal monitoring, not otherwise specified 75.32,75.34	424.3	498.8	413.6	195.4	732.8
Repair of current obstetric laceration 75.5-75.6	351.6	341.2	335.2	322.4	425.4
Operations on the musculoskeletal system 76-84	1,222.9	1,502.6	1,214.6	1,214.4	991.1
Partial excision of bone 76.2-76.3,77.6-77.8	91.8	107.4	90.1	100.7	65.1
Open reduction of fracture with internal fixation 79.3	154.0	192.8	163.4	148.1	117.9
Excision or destruction of intervertebral disc 80.5	122.5	95.9	111.8	160.7	97.6
Total hip replacement 81.51	47.8	56.1	62.2	37.6	40.9
Total knee replacement 81.54	80.6	83.3	107.4	75.3	57.3
Operations on the integumentary system 85-86	507.1	720.5	463.4	498.8	373.7
Mastectomy 85.4	41.8	42.8	48.9	46.1	26.3
Debridement of wound, infection, or burn 86.22,86.28	126.3	158.2	132.4	127.0	89.7
Skin graft 86.6-86.7	42.2	61.6	30.6	46.5	30.4
Miscellaneous diagnostic and therapeutic procedures 87-99	4,960.9	7,731.6	3,986.3	4,085.8	4,894.0
Computerized axial tomography 87.03,87.41,87.71,88.01,88.38	397.1	652.8	252.2	319.9	445.2
Pyelogram 87.73-87.75	71.1	102.0	63.5	77.1	41.6
Arteriography and angiocardiology using contrast material 88.4-88.5	696.5	738.5	738.9	778.8	481.2
Diagnostic ultrasound 88.7	505.8	840.1	321.9	368.7	619.8
Circulatory monitoring 89.6	164.8	241.2	153.4	99.6	211.7
Radioisotope scan 92.0-92.1	137.0	228.1	91.8	102.9	157.4
Respiratory therapy 93.9,96.7	453.2	637.7	347.9	339.8	580.6

* Figure does not meet standard of reliability or precision.

¹The rate per 100,000 population of discharges with a coronary artery bypass graft was 122.7.

Appendix

Technical Notes

Response Rate

In 1994, the final survey sample consisted of 277,000 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 1994 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 (19). The parameters for relative standard error curves for the 1994 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:

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

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, 1994

Geographic region	Universe	Total sample	Sample in scope ¹		Response rate
			Number	Percent	
All regions	6,337	525	512	478	93
Northeast	934	115	112	110	98
Midwest	1,733	113	109	106	97
South	2,456	217	214	195	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 definition 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 half the number of sample discharges expected in 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, 1994

[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

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

Relative standard errors for estimates of percents—The relative standard error for a percent 100*p* (0<*p*<1), expressed as a percent of *p* may be calculated directly using the formula:

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

where 100*p* 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](#).

Table III. Civilian population by selected characteristics: United States, 1994[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	258,932	125,836	133,096	15–44 years—Continued Population in thousands Race: White 96,334 48,325 48,009 Black 15,634 7,412 8,223 All other 5,616 2,730 2,886 45–64 years Total 50,850 24,540 26,311 45–54 years 29,834 14,557 15,277 55–64 years 21,016 9,982 11,034 Region: Northeast 10,422 4,977 5,446 Midwest 12,035 5,833 6,202 South 17,887 8,570 9,317 West 10,506 5,160 5,346 Race: White 43,780 21,352 22,428 Black 5,170 2,303 2,867 All other 1,901 885 1,015 65 years and over Total 33,158 13,475 19,683 65–74 years 18,712 8,290 10,422 75–84 years 10,925 4,206 6,719 85 years and over 3,522 980 2,542 Region: Northeast 7,238 2,865 4,373 Midwest 8,107 3,266 4,841 South 11,530 4,681 6,849 West 6,283 2,663 3,620 Race: White 29,751 12,130 17,621 Black 2,680 1,036 1,644 All other 727 309 419			
Region:							
Northeast	51,319	24,697	26,622				
Midwest	61,290	29,777	31,513				
South	89,918	43,391	46,527				
West	56,405	27,970	28,435				
Race:							
White	215,375	105,157	110,217				
Black	32,405	15,274	17,131				
All other	11,152	5,404	5,747				
Under 15 years							
Total	57,338	29,354	27,985				
Under 1 year	3,870	1,981	1,889				
1–4 years	15,857	8,114	7,743				
5–14 years	37,611	19,260	18,352				
Region:							
Northeast	10,593	5,425	5,168				
Midwest	13,513	6,921	6,592				
South	19,830	10,142	9,689				
West	13,402	6,866	6,536				
Race:							
White	45,510	23,351	22,159				
Black	8,921	4,523	4,398				
All other	2,908	1,480	1,428				
15–44 years							
Total	117,585	58,467	59,118				
15–24 years	35,397	17,872	17,525				
25–34 years	40,811	20,199	20,612				
35–44 years	41,377	20,396	20,981				
Region:							
Northeast	23,066	11,430	11,635				
Midwest	27,634	13,757	13,877				
South	40,671	19,998	20,673				
West	26,214	13,281	12,933				

The approximation is valid if the relative standard error of the denominator is less than 5 percent or the relative standard errors of the numerator and denominator are both less than 10 percent (20,21).

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, then the approximate relative standard error of the rate is equivalent to the relative standard error of the numerator that can be obtained from [table IV](#).

If the numerator X and denominator Y are both estimated from the NHDS, then the relative standard error of the ratio X/Y , expressed as a percent of X/Y , is approximated by:

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

This approximation is valid if the relative standard error of the denominator is less than 5 percent or the relative standard errors of the numerator and denominator are both less than 10 percent (20,21).

Estimates of differences between two statistics—The relative standard errors 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

Table IV. Estimated parameters for relative standard error equations for National Hospital Discharge Survey statistics by selected characteristics: United States, 1994

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	0.00164	807.099	0.00127	749.175	0.00168	2,239.645	0.00175	435.521
Sex								
Male	0.00420	232.683	0.00330	210.282	0.00190	2,074.208	0.00595	215.062
Female	0.00120	407.831	0.00122	522.273	0.00192	1,904.589	0.00240	453.275
Age								
Under 15 years	0.03390	88.459	0.02415	193.467	0.02779	274.185	0.02385	195.642
15-44 years	0.00136	325.536	0.00147	408.901	0.00202	1,667.222	0.00472	392.802
45-64 years	0.00344	144.077	0.01095	122.406	0.01697	447.267	0.02115	78.880
65 years and over	0.00366	213.177	0.00139	365.947	0.00522	2,672.346	0.00630	252.090
Region								
Northeast	0.00370	231.538	0.00503	299.925	0.00496	1,276.736	0.00908	170.128
Midwest	0.01114	199.629	0.00815	383.231	0.00565	436.024	0.01466	447.980
South	0.00598	851.312	0.00597	727.599	0.01402	1,788.231	0.01235	775.159
West	0.00411	444.032	0.00819	601.016	0.00795	982.092	0.01250	508.682
Race								
White	0.00305	795.143	0.00280	780.181	0.00379	1,804.053	0.00599	661.665
Black	0.00573	312.089	0.00582	292.282	0.00929	1,268.104	0.00909	273.826
All other	0.03260	183.680	0.02944	255.096	0.04079	140.189	0.02629	177.522
Race not stated	0.01668	348.098	0.01621	452.444	0.01755	748.891	0.01594	346.559
Expected source of payment								
Worker's compensation	0.00947	334.758	0.00820	1,219.246	0.01008	2,952.472	0.01621	478.214
Medicare	0.00714	399.337	0.00414	1,533.890	0.00596	5,047.630	0.00976	761.909
Medicaid	0.00285	1,340.623	0.00194	7,185.332	0.00367	8,111.858	0.00503	1,964.349
Payment not stated	0.03848	502.656	0.04328	2,178.283	0.06316	2,766.419	0.07529	500.779
Other government payments	0.01621	1,162.316	0.02556	2,570.221	0.02230	4,475.063	0.02369	954.124
Private insurance	0.00075	6,531.615	0.00510	29,862.000	-0.00021	45,850.000	0.00578	9,772.000
Self pay	-0.00176	2,179.359	0.00003	7,838.290	0.00090	11,039.000	0.01067	2,877.974
No charge/other payments	0.01697	477.066	0.02040	810.491	0.01556	2,805.914	0.07635	572.066

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

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.

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For answers to questions about this report or for a list of reports published in these series, contact:

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