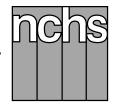
# <u>Advance</u> Data



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

### 1998 Summary: National Hospital Discharge Survey

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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 1998. Numbers and rates of discharges, diagnoses, and procedures are shown by age and sex. Discharges are also shown by geographic region of hospitals. Average lengths of stay are presented for all discharges and for selected diagnostic categories by age and by sex.

Methods—The estimates are based on medical abstract data collected through the National Hospital Discharge Survey for 1998. The survey has been conducted annually by the National Center for Health Statistics since 1965. Diagnoses and procedures presented are coded according to the International Classification of Diseases, 9th Revision, Clinical Modification, or ICD–9–CM.

Results—In 1998, there were an estimated 31.8 million discharges of inpatients, excluding newborn infants, from short-stay non-Federal hospitals in the United States. The discharge rate was 1,165.3 per 10,000 population and the average length of stay was 5.1 days. Six diagnostic categories each accounted for more than a million discharges. These were heart disease, delivery, malignant neoplasms, pneumonia, psychoses, and cerebrovascular disease. There were 41.5 million procedures performed on hospital inpatients during the same year. Almost three-fourths of all procedures were in four ICD–9–CM chapters: miscellaneous diagnostic and therapeutic procedures, obstetrical procedures, operations on the cardiovascular system, and operations on the digestive system.

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

#### Introduction

This report presents data from the 1998 National Hospital Discharge Survey (NHDS). The survey has been conducted continuously by the National Center for Health Statistics (NCHS) since 1965. National estimates of hospital use derived from NHDS are published for each calendar year by NCHS. This report provides an overview of the 1998 data, including the number and rate of discharges and average lengths of stay by the age and sex of patients and by geographic region of hospitals. Average lengths of stay are also presented for selected diagnostic categories. Estimates for the number and rate of selected procedures performed on hospital inpatients are shown by age and sex (tables 1–11). More detailed data from the NHDS are published in Series 13 of Vital and Health Statistics, which includes two reports on trends in hospital use (1,2).

#### **Acknowledgments**

This report was prepared in the Division of Health Care Statistics. Staff in the Hospital Care Statistics Branch verified the data. Rong Cai, of the OAO Corporation, was contracted to produce estimated parameters for relative standard error equations; she also performed the computer programming for the report. This report was edited by Klaudia M. Cox and typeset by Annette F. Holman of the Publications Branch, Division of Data Services.





NHDS is the principal source for national data on the characteristics of patients discharged from non-Federal short-stay hospitals. Data from NHDS are used to examine important topics of interest in public health (3–7) and for a variety of activities by governmental, scientific, academic, and commercial institutions.

Estimates of the number of procedures shown in this report are for inpatients only. Data on ambulatory surgery are available from the National Survey of Ambulatory Surgery (NSAS), which is also conducted by NCHS. NSAS was conducted from 1994 through 1996 and covers hospital-based and free-standing ambulatory surgery centers. Data from the three years of this survey have been published (8–13).

Information on ambulatory procedures is also collected in two other NCHS surveys. The National Ambulatory Medical Care Survey obtains information on procedures ordered or performed during visits to physicians' offices (14). The National Hospital Ambulatory Medical Care Survey collects data on procedures ordered or performed during visits to hospital outpatient and emergency departments (15,16).

#### **Highlights**

## Patient and hospital characteristics

- In 1998, there were an estimated 31.8 million discharges of inpatients, excluding newborn infants, from short-stay non-Federal hospitals in the United States (table 1).
- The discharge rate was 1,165.3 per 10,000 population and the average length of stay was 5.1 days in 1998 (table 1).
- The discharge rate per 10,000 population was 934.7 for males and 1,385.3 for females. Males had an average length of stay of 5.5 days compared with 4.7 days for females.
- Persons 65 years of age and over accounted for 39 percent of all discharges (figure 1).
- The discharge rate per 10,000 population ranged from 1,308.7 in the Northeast region to 918.0 in the West.

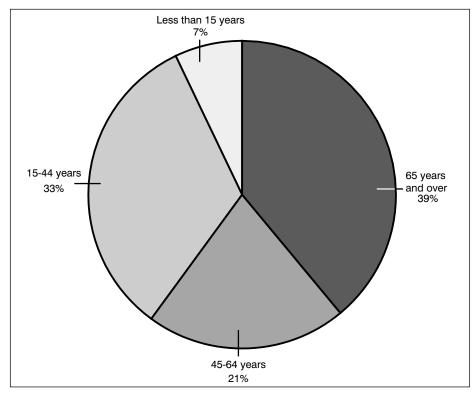


Figure 1. Percent of hospital discharges by age: United States, 1998

The average length of stay ranged from 5.8 days in the Northeast region to 4.6 days in the West.

#### Diagnoses

- Over half of all first-listed diagnoses were in four ICD-9-CM chapters: diseases of the circulatory system, supplementary classifications (including females with deliveries), diseases of the respiratory system, and diseases of the digestive system (table 2).
- Six diagnostic categories each accounted for more than a million discharges. These were heart disease (4.3 million), delivery (4.0 million), malignant neoplasms (1.3 million), pneumonia (1.3 million), psychoses (1.3 million), and cerebrovascular disease (1.0 million) (figure 2).
- For persons 65 years of age and over, there were 829.5 discharges per 10,000 population with a first-listed diagnosis of heart disease (table 3).
- The average length of stay was 2.5 days for delivery, 4.9 days for heart disease, 5.9 days for cerebrovascular disease, 6.0 days for pneumonia, 7.2 days for malignant neoplasms, and

8.7 days for psychoses (table 4) (figure 3).

#### **Procedures**

- During 1998, 41.5 million procedures were performed on hospital inpatients (table 8).
- Almost three-fourths of all procedures were included in four ICD-9-CM chapters: miscellaneous diagnostic and therapeutic procedures, obstetrical procedures, operations on the cardiovascular system, and operations on the digestive system (figure 4).
- Frequent procedures for males were arteriography and angiocardiography, cardiac catheterization, removal of coronary artery obstruction and insertion of stent(s), respiratory therapy, diagnostic ultrasound, and computerized axial tomography.
- Frequent procedures for females were episiotomy, repair of current obstetric laceration, cesarean section, arteriography and angiocardiography, artificial rupture of membranes, hysterectomy, and diagnostic ultrasound.

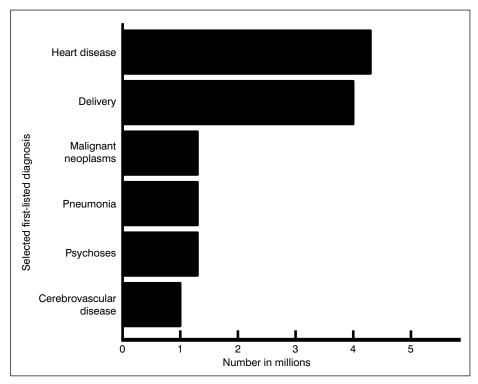


Figure 2. Number of selected first-listed diagnoses for hospital discharges: United States, 1998

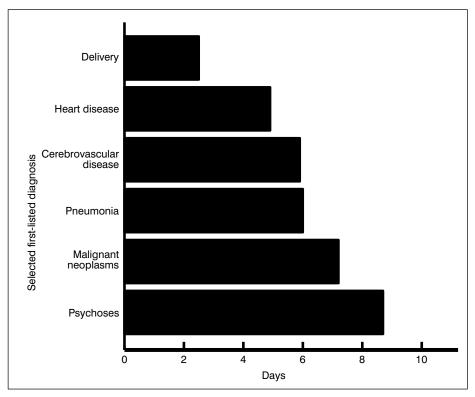


Figure 3. Average length of hospital stay for discharges with selected first-listed diagnoses: United States, 1998

#### **Methods**

#### Data source

The National Hospital Discharge Survey (NHDS) collects data from a sample of inpatient records acquired from a national sample of hospitals. Because persons with multiple discharges during the year may be sampled more than once, estimates are 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, NHDS utilized a two-stage design, but in 1988 the survey was redesigned (17). Beginning in 1988, the largest hospitals were included in the sample with certainty, while the remaining sample of hospitals was based on a stratified three-stage design. The first stage consisted of a selection of 112 primary sampling units (PSU's) that comprised a probability sample of PSU's used in the 1985-94 National Health Interview Survey (18). The second stage consisted of a selection of noncertainty hospitals from the sampled PSU's. At the third stage, a sample of discharges within hospitals was selected by a systematic random sampling technique. The sampling frame for hospitals drawn under the new design has been the SMG Hospital Market Database (19).

For 1998, the sample consisted of 513 hospitals, of which 18 were found to be out of scope (ineligible) because they had gone out of business or otherwise failed to meet the criteria for the NHDS universe. Of the 495 in-scope (eligible) hospitals, 478 (96.6 percent) responded to the survey. Data were collected for approximately 307,000 discharges from the 478 responding hospitals.

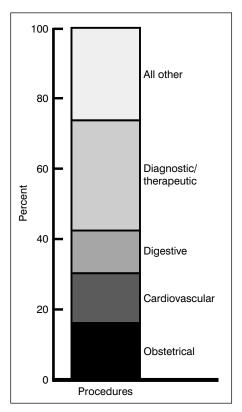


Figure 4. Percent distribution of all-listed inpatient procedures: United States, 1998

Two data collection procedures were used in the survey. One was a manual system in which sample selection and medical transcription 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 coding, editing, and estimation.

The other data collection procedure was an automated system in which NCHS purchased machine-readable medical record data from commercial organizations, State data systems, hospitals, or hospital associations. Records from these sources were systematically sampled by NCHS. In 1998, approximately 41 percent of respondent hospitals provided data through the automated system.

The medical abstract form and the automated data 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 were also included. The medical information about patients includes up to seven diagnoses, as many as four surgical and nonsurgical operations and procedures, and dates of surgery. (The medical record number, date of birth. and ZIP code are confidential information not available to the public). Medical data are coded according to the International Classification of Diseases, 9th Revision, Clinical Modification (ICD-9-CM) (20). Definitions of the terms used in this report are in the National Hospital Discharge Survey Annual Summary for 1993 (21).

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 10 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 for the 1998 data year was 1.3 percent for medical (ICD–9–CM) coding and keying and 0.2 percent for demographic coding and keying.

#### **Estimation**

Because of the complex multistage design of NHDS, the survey data must be inflated or weighted in order 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 earlier reports (1,2).

The standard error is primarily a measure of sampling variability that occurs by chance because only a sample rather than the entire universe is surveyed. Estimates of the sampling variability for this report were calculated with SUDAAN software, which takes into account the complex sample design. A description of the software and the approach it uses has been published (22). The standard errors of statistics for

the 1998 NHDS Advance Data are included in each of the tables.

#### Use of tables

Discharges are shown in this report by first-listed diagnosis. This is the principal diagnosis if it is specified on the medical record. If the principal diagnosis is not specified, the diagnosis listed first on the face sheet or discharge summary of the medical record is used. Estimates of procedures, including surgical or nonsurgical operations, diagnostic procedures, and special treatments reported on the medical record, are also published. Up to four procedures were coded for each discharge. All-listed procedures include all occurrences of the procedure coded regardless of the order on the medical record.

The diagnoses and procedures appear in separate tables of this report, presented by chapter of ICD-9-CM. Within these chapters, subcategories of diagnoses or procedures are shown. These specific categories were selected primarily because of their large estimates or because they are of special interest. Although diagnoses assigned ICD-9-CM codes E800-E999 (Supplementary classification of external causes of injury and poisoning) were included in NHDS, these diagnoses were excluded from this report. Data for newborn infants, defined as patients admitted to a hospital by birth, were also excluded.

Because of low reliability, estimates with a relative standard error of more than 30 percent or that are based on a sample of fewer than 30 records are replaced by asterisks (\*). Estimates based on 30–59 patient records are preceded by an asterisk to indicate that they also have low reliability.

Estimates have been rounded to the nearest thousand. Therefore, 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 based on U.S. Bureau of the Census estimates of the

civilian population of the United States as of July 1, 1998. Figures are consistent with national population estimates in US-98-SIS-7 (U.S. Population Estimates by Age, Sex, Race and Hispanic Origin: 1998) and have been adjusted for net underenumeration using the 1990 National Population Adjustment Matrix.

Facilities are classified by location in one of the four geographic regions of the United States that correspond to those used by the U.S. Bureau of the Census.

Region States included

Northeast Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, New Jersey, and

Pennsylvania

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

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

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

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Table 1. Number, rate, and average length of stay for discharges from short-stay hospitals by age, region, and sex: United States, 1998 [Discharges of inpatients from non-Federal hospitals. Excludes newborn infants]

	Both se	exes	Ma	le	Fema	ale
Selected characteristic	Number	SE <sup>1</sup>	Number	SE <sup>1</sup>	Number	SE <sup>1</sup>
			Number in t	housands		
Total	31,827	949	12,469	425	19,358	55
Age						
Under 15 years	2,299	262	1,303	151	996	11
15–44 years	10,376	312	2,718	109	7,659	24
45-64 years	6,696	221	3,286	116	3,410	11-
35 years and over	12,456	440	5,162	204	7,293	24
Region						
Northeast	6,818	348	2,855	171	3,964	18
Midwest	7,366	527	2,924	230	4,442	30
South	12,022	644	4,552	285	7,470	38
Vest	5,621	294	2,139	133	3,482	18
			Rate per 10,00	00 population		
Total	1,165.3	34.8	934.7	31.9	1,385.3	39.
Age						
Jnder 15 years	383.4	43.8	424.7	49.2	340.1	38.
5–44 years	850.6	25.5	446.0	17.8	1,254.1	40.
15–64 years	1,173.0	38.7	1,187.6	41.8	1,159.3	38.
55 years and over	3,652.7	129.0	3,654.4	144.7	3,651.5	123.
Region						
Northeast	1,308.7	66.9	1,132.3	67.7	1,473.9	69.
Midwest	1,165.2	83.3	948.0	74.5	1,372.2	93.
South	1,244.7	66.7	972.7	60.8	1,500.4	76.
West	918.0	48.1	700.1	43.6	1,134.9	60.
			Average length	of stay in days		
Total	5.1	0.1	5.5	0.1	4.7	0.
Age						
Jnder 15 years	4.6	0.2	4.7	0.2	4.5	0.:
15–44 years	3.7	0.1	5.1	0.1	3.2	0.
45–64 years	5.1	0.1	5.3	0.1	5.0	0.
65 years and over	6.2	0.1	6.1	0.1	6.2	0.
Region						
Northeast	5.8	0.2	6.1	0.2	5.5	0.
Midwest	4.7	0.1	5.1	0.1	4.5	0.
South	5.1	0.1	5.6	0.1	4.7	0.
West	4.6	0.2	5.2	0.2	4.2	0.

<sup>&</sup>lt;sup>1</sup>SE is standard error.

Table 2. Number of discharges from short-stay hospitals by first-listed diagnosis and age: United States, 1998

	All ag	es	Unde 15 yea		15–4 year		45–6 year		65 yeand o	
Category of first-listed diagnosis and ICD-9-CM code	Number	SE <sup>1</sup>	Number	SE <sup>1</sup>	Number	SE <sup>1</sup>	Number	SE <sup>1</sup>	Number	SE
				N	umber in th	nousar	nds			
All conditions	31,827	949	2,299	262	10,376	312	6,696	221	12,456	440
Infectious and parasitic diseases	866	44	178	24	209	12	145	9	335	1
Septicemia	347	22	17	2	34	4	62	5	234	1
Neoplasms	1,706	66	34	8	302	15	579	24	790	3
Malignant neoplasms	1,266	51	23	5 *	124	8	410	18	708	3
Malignant neoplasm of large intestine and rectum	169 165	10 10	*	*	9	1	41 55	4	120 99	
Malignant neoplasm of breast	124	7	*	*	13	2	55 55	5	56	
Benign neoplasms		20	*	*	169	10	157	11	53	
Endocrine, nutritional and metabolic diseases, and immunity disorders 240–279		48	139	15	272	13	329	15	592	2
Diabetes mellitus	513	22	22	4	131	9	161	9	200	•
Volume depletion	448	23	92	9	60	7	69	7	228	•
Diseases of the blood and blood-forming organs	358	19	49	8	99	7	62	4	148	•
Mental disorders	1,974	217	111	22	1,162	151	423	43	277	1
Psychoses	1,253	139	46 *	12	711	95	267	29 9	229	•
Alcohol dependence syndrome	179 511	27 26	83	12	112 122	18 8	55 112	9	11 193	
Diseases of the circulatory system	6,272	241	30	6	395	15	1,753	76	4,094	1
Heart disease	4,335	180	17	4	241	10	1,248	59	2,829	1
Acute myocardial infarction	783	41	*	*	42	3	239	15	500	
Coronary atherosclerosis	1,094	73	*	*	48	4	428	32	618	
Other ischemic heart disease 411–413,414.1–414.9	308	25	*	*	21	3	115	9	172	
Cardiac dysrhythmias	670	27	5	2	48	4	153	9	464	
Congestive heart failure	978	42	*	*4	25	2	175	12	773	
Cerebrovascular disease	1,010 3,403	41 129	*5 632	*1 72	41 396	4 18	218 653	11 29	746 1,721	
Acute bronchitis and bronchiolitis	219	17	136	16	14	2	20	4	49	
Pneumonia	1,328	56	211	21	131	8	226	14	760	
Chronic bronchitis	498	27	*	*	18	3	138	11	342	
Asthma	423	33	166	28	104	6	92	9	60	
Diseases of the digestive system	3,046	87	210	26	771	26	798	25	1,266	
Appendicitis	249	13	57	6	142	9	37	4	13	
Noninfectious enteritis and colitis		15	62	9	80	6	47	4	86	
Diverticula of intestine	230	11	*	*	19	2	67	5	144	
Cholelithiasis	358 1,720	16 78	70	9	120 577	8 29	100 419	7 19	136 653	
Calculus of kidney and ureter	,	16	*	*	81	8	63	6	30	
Complications of pregnancy, childbirth, and the puerperium <sup>2</sup> 630–677	512	24	*	*	510	23	*	*		
Diseases of the skin and subcutaneous tissue	517	32	62	17	137	11	130	9	188	
Cellulitis and abscess	364	18	31	5	101	8	99	7	133	
biseases of the musculoskeletal system and connective tissue 710–739	1,534	72	42	8	349	18	476	27	667	
Osteoarthrosis and allied disorders	435	27	*	*	10	2	130	9	295	
Intervertebral disc disorders		22	*	*	158	12	140	11	53	
Congenital anomalies		32	136	28	33	5 *	20	3	8	
Certain conditions originating in the perinatal period		26 18	150 56	26 6	105	8	70	5	66	
njury and poisoning		93	234	30	792	38	524	23	991	;
Fractures, all sites <sup>3</sup>		43	76	8	231	13	151	12	508	
Fracture of neck of femur <sup>3</sup>	329	21	*	*	8	1	23	5	294	
Poisonings	198	13	23	4	122	11	32	3	21	
Supplementary classifications		167	80	12	4,145	161	202	16	466	4
Females with deliveries	4,000	159	7	1	3,990	159	*3	*1		

<sup>\*</sup> Figure does not meet standard of reliablility or precision.

<sup>...</sup> Category not applicable.

<sup>&</sup>lt;sup>1</sup>SE is standard error.

<sup>&</sup>lt;sup>2</sup>First-listed diagnosis for females with deliveries is coded V27, shown under "Supplementary classifications."

<sup>&</sup>lt;sup>3</sup>Excludes fractures coded as 733.1, pathologic fracture.

Table 3. Rate of discharges from short-stay hospitals by age and first-listed diagnosis: United States, 1998

All conditions		All aç	ges	Und 15 y		15- yea		45–6 year		65 ye and c	
No conditions   1,16,23   3,18   38,	Category of first-listed diagnosis and ICD-9-CM code	Rate	SE <sup>1</sup>	Rate	SE <sup>1</sup>	Rate	SE <sup>1</sup>	Rate	SE <sup>1</sup>	Rate	SE <sup>1</sup>
Infectious and parasitic diseases					Rate	e per 10,	000 po	pulation			
Septicemia         0.03         12,7         0.8         2.8         0.4         2.8         0.4         10,9         0.8         2.8.7           Moligoant necolplasms         140–230         62,2         2.4         5.7         1.3         2.8         0.1         10,1         0.1         0.1         2.31         207         7.9         3.1         207         3.1         207         7.7         9.7         3.1         207         3.2         207         0.0         3.2         2.7         7.0         3.5         2.3         2.0         0.0         0.1         0.0         0.2         2.0         0.2         2.0         0.0         2.0         0.0         2.0         0.0         2.0         0.0         2.0         0.0         2.0         0.0         0.0         2.0         2.0         0.0         0.0         0.0         2.0         0.0	All conditions	1,165.3	34.8	383.4	43.8	850.6	25.5	1,173.0	38.7	3,652.7	129.0
Septicemia         .038         12,7         0.8         2.8         0.4         2.8         0.4         10,9         0.8         2.8.7           Malignant neoplasms         1.40–208,209–234         4.6         1.9         3.9         0.9         10,2         0.7         7.19         3.1         20.7           Malignant neoplasm of Iraches, bronchus, and lung         1.62,176,4197.01973         6.0         0.4         2         0.7         0.1         0.8         0.7         2.0           Malignant neoplasm of Iraches, bronchus, and lung         1.62,176,4197.01973         6.0         0.4         2         0.7         0.1         0.8         0.7         2.0         0.8         0.7         2.0         0.0         0.2         0.0         0.2         1.0         1.6         1.6         8.8         1.6         0.4         2         1.0         0.0         0.2         1.0         1.0         1.5         1.5         1.0         0.0         0.2         1.0 <t< td=""><td>Infectious and parasitic diseases 001–139</td><td>31 7</td><td>16</td><td>29.6</td><td>4 0</td><td>17 1</td><td>1.0</td><td>25.3</td><td>1.5</td><td>98.3</td><td>5.5</td></t<>	Infectious and parasitic diseases 001–139	31 7	16	29.6	4 0	17 1	1.0	25.3	1.5	98.3	5.5
Neoplasms.											4.
Mailgnant necolasm of large intestine and rectum   153-154.197.5   6.2   0.4   1.5   1.	·	62.5	2.4	5.7	1.3	24.8	1.2	101.5	4.3	231.7	10.
Malgnarn neoplasm of traches, bronchus, and lung 162,176,41970,1973   5.0	Malignant neoplasms	46.4	1.9	3.9	0.9	10.2	0.7	71.9	3.1	207.7	10.
Malginarin neoplasm of breast 174-175,198.81 4.5 0.3 - 10.0 0.2 9.6 0.8 16.4 Benign neoplasm of breast 174-175,198.81 4.5 0.3 - 10.0 0.2 9.6 0.8 16.4 Benign neoplasm of breast 174-175,198.81 4.5 0.3 - 10.0 0.2 9.6 0.8 16.4 Benign neoplasm of breast 174-175,198.81 4.5 0.3 - 10.0 0.2 9.6 0.8 16.4 Benign neoplasm of breast 174-175,198.81 4.5 0.3 - 10.0 0.2 9.6 0.8 16.4 Benign neoplasm of breast 174-175,198.81 4.5 0.3 - 10.0 0.2 9.6 0.8 16.4 Benign neoplasm of breast 174-175,198.81 4.5 0.3 - 10.0 0.2 9.6 0.8 16.4 Benign neoplasm of breast 174-175,198.81 4.5 0.3 0.3 0.7 10.7 0.7 0.2 1.7 173.6 Diabetes mellitus 2006 1.5 0.5 0.5 0.5 0.5 0.5 0.7 10.7 0.7 0.2 1.1 13.6 66.9 Diaeases of the blood and blood-forming organs 2800-289 13.1 0.7 8.2 1.4 8.1 0.6 10.9 0.7 43.3 Psychoses 2900-299 4.5 0.5 1.7 8.8 2.0 58.3 7.8 46.8 1.6 7.2 Diaeases of the nervous system and sense organs 200-399 1.5 0.5 0.7 8.2 1.5 9.5 1.6 3.2 Diaeases of the nervous system and sense organs 200-399 1.5 0.5 0.7 1.7 1.2 1.200.6 Diaeases of the circulatory system 391-392.0,393-398.402.404.410-416,420-429 1.5 0.7 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	Malignant neoplasm of large intestine and rectum	6.2	0.4	*	*	*	*	7.2	0.7	35.2	2.
Managian industrial nutriesal in directasing in the disassing in the disas				*							2.
Endocrime, nutritional and metabolic diseases, and immunity disorders. 240–279	Malignant neoplasm of breast			*							1.
Diabetes mellitus	- · ·			*							1.:
Volume depletion											6.
Diseases of the blood and blood-forming organs   280-289   13.1   0.7   8.2   1.4   8.1   0.6   1.09   0.7   43.3											3.0
Mental disorders	•										3.
Psychoses   290-299   45.9   5.1   7.8   2.0   58.3   7.8   46.8   5.1   67.2	5 5										4.: 5.:
Alcohol dependence syndrome											4.
Diseases of the nervous system and sense organs. 320–389 41,7 0,9 13,9 1.0 10, 0,7 19,7 1,5 56,6 Diseases of the circulatory system. 390–459 229,6 8,8 5,0 1,0 0,0 1,0 3,2 1,3 30,1 13,2 1,20,6 6 Diseases of the circulatory system. 391–392,0393–398,402,404,410–416,420–429 15,7 6,6 2,9 0,6 19,8 0,8 18,6 10,4 12,7 1,2 1,2 1,2 1,3 1,4 1,4 1,4 1,4 1,4 1,4 1,4 1,4 1,4 1,4	•										0.
Diseases of the circulatory system				13.9	2.0						3.
Heart disease	,										47.
Acute myocardial infarction										,	35.
Coronary atherosclerosis         414.0         40.1         2.7         *         *         3.9         0.3         74.9         5.5         181.3           Other ischemic heart disease         411-413,411-41-41.9         11.3         0.9         0.3         3.9         0.3         26.9         1.5         135.9           Congestive heart failure         428.0         35.8         1.5         0.8         0.2         2.1         0.2         30.7         2.1         226.7           Cerebrovascular disease.         430-438         3.70         1.5         0.8         0.2         2.1         0.2         30.7         2.1         226.7           Diseases of the respiratory system.         460-519         124.6         4.7         105.5         12.0         32.5         1.5         114.5         5.0         504.8           Acute bronchitis and bronchiolitis         466         8.0         0.6         22.6         1.1         0.2         3.6         0.6         14.4           Pneumonia         480-486         48.6         2.1         35.2         3.5         1.0         1.0         0.0         1.1         0.2         3.6         0.5         14.4           Pneumonia         4.2				*							8.
Cardiac dysrhythmias427 24.5 1.0 0.9 0.3 3.9 0.3 26.9 1.5 135.9 Congestive heart failure428.0 35.8 1.5 " 21.0 0.3 3.9 0.3 26.9 1.5 135.9 Congestive heart failure428.0 35.8 1.5 " 8.0 " 21.0 0.2 30.7 2.1 226.7 Creebrovascular disease430-438 37.0 1.5 "0.8 "0.2 3.4 0.3 38.2 2.0 218.7 Diseases of the respiratory system460-519 124.6 4.7 105.5 12.0 32.5 1.5 114.5 5.0 504.8 Acute bronchitis and bronchiolitis466 8.0 0.6 22.6 2.6 1.1 0.2 3.6 0.6 14.4 Pneumonia480-486 48.6 21. 35.2 3.5 10.7 0.6 39.6 2.4 223.0 Chronic bronchitis491 18.2 10 " 1.4 1.4 0.3 24.2 1.9 100.2 Asthma493 15.5 1.2 27.7 4.6 8.6 0.5 16.2 1.6 17.7 Diseases of the digestive system520-579 111.5 3.2 35.0 4.3 63.2 2.1 139.8 4.3 371.3 Appendicitis494 18.2 10.5 5.5 1.2 27.7 4.6 8.6 0.5 16.2 1.6 17.7 Diseases of the digestive system520-579 111.5 3.2 35.0 4.3 63.2 2.1 139.8 4.3 371.3 Appendicitis540-543 9.1 0.6 10.3 1.6 6.6 0.5 8.2 0.7 25.3 Diverticula of intestine552 8.1 0.1 0.6 10.3 1.6 6.6 0.5 8.2 0.7 25.3 Diverticula of intestine562 8.4 0.4 " 1.5 0.2 11.8 0.8 42.2 Cholelithiasis574 13.1 0.6 " 9.8 0.6 17.5 12. 39.9 Diseases of the genitourinary system580-629 63.0 2.8 11.7 1.5 47.3 2.4 73.5 3.4 191.4 Calculus of kidney and ureter552 68-629 63.0 2.8 11.7 1.5 47.3 2.4 73.5 3.4 191.4 Calculus of kidney and ureter592 63-63 68-63 7 18.8 0.9 " 41.8 1.9 " " Complications of pregnancy, childbirth, and the puerperium 680-709 18.9 1.2 10.4 2.9 11.2 0.9 22.7 1.6 55.2 Cellulitis and abscess 681-682 13.3 0.7 5.1 0.8 8.3 0.6 17.5 12. 39.1 Diseases of the musculoskeletal system and connective tissue715 15.9 1.0 " 1.0 8.0 0.6 1.5 83.4 17. 15. 84.7 18.6 0.5 18.0 19.5 18.0				*	*						12.
Congestive heart failure.	Other ischemic heart disease	11.3	0.9	*	*	1.7	0.2	20.2	1.7	50.4	5.
Coreptovascular disease.   430-438   37.0   1.5   *0.8 * 0.2   3.4   0.3   38.2   2.0   218.7	Cardiac dysrhythmias	24.5	1.0	0.9	0.3	3.9	0.3	26.9	1.5	135.9	5.9
Diseases of the respiratory system. 460–519   124.6   4.7   105.5   12.0   32.5   1.5   114.5   5.0   504.8   Acute bronchitits and bronchiolitis	Congestive heart failure	35.8	1.5	*	*	2.1	0.2	30.7	2.1	226.7	9.
Acute bronchitis and bronchiolitis	Cerebrovascular disease	37.0	1.5	*0.8	*0.2	3.4	0.3	38.2	2.0	218.7	9.
Pneumonia	Diseases of the respiratory system	124.6	4.7	105.5	12.0	32.5	1.5	114.5	5.0	504.8	21.
Chronic bronchitis											1.
Asthma											10.
Diseases of the digestive system											5.
Appendicitis.											1.
Noninfectious enteritis and colitis   555-558   10.1   0.6   10.3   1.6   6.6   0.5   8.2   0.7   25.3											12.
Diverticula of intestine   .562   8.4   0.4   *   *   *   1.5   0.2   11.8   0.8   42.2											0.0 1.1
Cholelithiasis       .574       13.1       0.6       *       *       9.8       0.6       17.5       1.2       39.9         Diseases of the genitourinary system       580–629       63.0       2.8       11.7       1.5       47.3       2.4       73.5       3.4       191.4         Calculus of kidney and ureter       .592       6.5       0.6       *       *       6.7       0.7       11.1       1.1       8.7         Complications of pregnancy, childbirth, and the puerperium²       630–677       18.8       0.9       *       *       41.8       1.9       *       *          Diseases of the skin and subcutaneous tissue       680–709       18.9       1.2       10.4       2.9       11.2       0.9       22.7       1.6       55.2         Cellulitis and abscess       681–682       13.3       0.7       5.1       0.8       8.3       0.6       17.4       1.2       39.1         Diseases of the musculoskeletal system and connective tissue       710–739       56.2       2.6       6.9       1.3       28.6       1.5       83.4       4.7       195.6         Osteoarthrosis and allied disorders       715       15.9       1.0       *       *       0.				10.5	*						2.
Diseases of the genitourinary system 580–629 63.0 2.8 11.7 1.5 47.3 2.4 73.5 3.4 191.4 Calculus of kidney and ureter				*	*						2.
Calculus of kidney and ureter				11 7	1.5						11.
Complications of pregnancy, childbirth, and the puerperium <sup>2</sup> . 630–677 18.8 0.9 * * 41.8 1.9 * *  Diseases of the skin and subcutaneous tissue. 680–709 18.9 1.2 10.4 2.9 11.2 0.9 22.7 1.6 55.2 Cellulitis and abscess. 681–682 13.3 0.7 5.1 0.8 8.3 0.6 17.4 1.2 39.1  Diseases of the musculoskeletal system and connective tissue 710–739 56.2 2.6 6.9 1.3 28.6 1.5 83.4 4.7 195.6 Osteoarthrosis and allied disorders715 15.9 1.0 * * 0.8 0.1 22.8 1.7 86.4 Intervertebral disc disorders722 12.9 0.8 * 13.0 1.0 24.5 2.0 15.7 Congenital anomalies740–759 7.2 1.2 22.7 4.6 2.7 0.4 3.4 0.5 2.5 Certain conditions originating in the perinatal period760–779 5.5 0.9 25.1 4.3 * * * * * * * * * * * * * * * * * * *	, ,										1.
Diseases of the skin and subcutaneous tissue       680-709       18.9       1.2       10.4       2.9       11.2       0.9       22.7       1.6       55.2         Cellulitis and abscess       681-682       13.3       0.7       5.1       0.8       8.3       0.6       17.4       1.2       39.1         Diseases of the musculoskeletal system and connective tissue       710-739       56.2       2.6       6.9       1.3       28.6       1.5       83.4       4.7       195.6         Osteoarthrosis and allied disorders       .715       15.9       1.0       *       *       0.8       0.1       22.8       1.7       86.4         Intervertebral disc disorders       .722       12.9       0.8       *       *       13.0       1.0       24.5       2.0       15.7         Congenital anomalies       .740-759       7.2       1.2       22.7       4.6       2.7       0.4       3.4       0.5       2.5         Certain conditions originating in the perinatal period       .760-779       5.5       0.9       25.1       4.3       *       *       *       *       *         Symptoms, signs, and ill-defined conditions       .780-799       10.9       0.7       9.4       1.0 <td></td> <td></td> <td></td> <td>*</td> <td>*</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>				*	*						
Diseases of the musculoskeletal system and connective tissue       710–739       56.2       2.6       6.9       1.3       28.6       1.5       83.4       4.7       195.6         Osteoarthrosis and allied disorders       .715       15.9       1.0       *       *       0.8       0.1       22.8       1.7       86.4         Intervertebral disc disorders       .722       12.9       0.8       *       *       13.0       1.0       24.5       2.0       15.7         Congenital anomalies       .740–759       7.2       1.2       22.7       4.6       2.7       0.4       3.4       0.5       2.5         Certain conditions originating in the perinatal period       .760–779       5.5       0.9       25.1       4.3       *<				10.4	2.9			22.7	1.6		3.8
Osteoarthrosis and allied disorders         .715         15.9         1.0         *         *         0.8         0.1         22.8         1.7         86.4           Intervertebral disc disorders         .722         12.9         0.8         *         *         13.0         1.0         24.5         2.0         15.7           Congenital anomalies         .740–759         7.2         1.2         22.7         4.6         2.7         0.4         3.4         0.5         2.5           Certain conditions originating in the perinatal period         .760–779         5.5         0.9         25.1         4.3         *	Cellulitis and abscess	13.3	0.7	5.1	0.8	8.3	0.6	17.4	1.2	39.1	3.0
Osteoarthrosis and allied disorders         .715         15.9         1.0         *         *         0.8         0.1         22.8         1.7         86.4           Intervertebral disc disorders         .722         12.9         0.8         *         *         13.0         1.0         24.5         2.0         15.7           Congenital anomalies         .740–759         7.2         1.2         22.7         4.6         2.7         0.4         3.4         0.5         2.5           Certain conditions originating in the perinatal period         .760–779         5.5         0.9         25.1         4.3         *		56.2	2.6	6.9	1.3	28.6	1.5	83.4	4.7	195.6	11.
12.5   12.5	•	15.9	1.0	*	*	0.8	0.1	22.8	1.7	86.4	6.
Certain conditions originating in the perinatal period       760–779       5.5       0.9       25.1       4.3       *			0.8	*	*	13.0	1.0	24.5	2.0	15.7	1.
Symptoms, signs, and ill-defined conditions       780-799       10.9       0.7       9.4       1.0       8.6       0.6       12.2       1.0       19.3         Injury and poisoning       800-999       93.0       3.4       39.0       5.0       64.9       3.1       91.7       4.0       290.6         Fractures, all sites³       800-829       35.4       1.6       12.6       1.3       19.0       1.1       26.5       2.1       148.8         Fracture of neck of femur³       .820       12.0       0.8       *       *       0.6       0.1       4.1       0.8       86.3         Poisonings       960-989       7.2       0.5       3.8       0.6       10.0       0.9       5.7       0.6       6.0         Supplementary classifications       V01-V82       179.1       6.1       13.3       2.0       339.8       13.2       35.4       2.8       136.6	Congenital anomalies	7.2	1.2	22.7	4.6						0.
Injury and poisoning.       800–999       93.0       3.4       39.0       5.0       64.9       3.1       91.7       4.0       290.6         Fractures, all sites³       800–829       35.4       1.6       12.6       1.3       19.0       1.1       26.5       2.1       148.8         Fracture of neck of femur³       .820       12.0       0.8       *       *       *       0.6       0.1       4.1       0.8       86.3         Poisonings       960–989       7.2       0.5       3.8       0.6       10.0       0.9       5.7       0.6       6.0         Supplementary classifications       V01–V82       179.1       6.1       13.3       2.0       339.8       13.2       35.4       2.8       136.6									*		
Fractures, all sites³       800–829       35.4       1.6       12.6       1.3       19.0       1.1       26.5       2.1       148.8         Fracture of neck of femur³       .820       12.0       0.8       *       *       0.6       0.1       4.1       0.8       86.3         Poisonings       960–989       7.2       0.5       3.8       0.6       10.0       0.9       5.7       0.6       6.0         Supplementary classifications       V01–V82       179.1       6.1       13.3       2.0       339.8       13.2       35.4       2.8       136.6	• •										3.
Fracture of neck of femur³       .820       12.0       0.8       *       *       0.6       0.1       4.1       0.8       86.3         Poisonings       .960–989       7.2       0.5       3.8       0.6       10.0       0.9       5.7       0.6       6.0         Supplementary classifications       .V01–V82       179.1       6.1       13.3       2.0       339.8       13.2       35.4       2.8       136.6											10.
Poisonings											7.0
Supplementary classifications											5.3
	•										0.
Females with deliveries											13.9

<sup>\*</sup> Figure does not meet standard of reliablility or precision.

<sup>..</sup> Category not applicable.

<sup>&</sup>lt;sup>1</sup>SE is standard error of rate.

<sup>&</sup>lt;sup>2</sup>First-listed diagnosis for females with deliveries is coded V27, shown under "Supplementary classifications."

<sup>&</sup>lt;sup>3</sup>Excludes fractures coded as 733.1, pathologic fracture.

Table 4. Average length of stay for discharges from short-stay hospitals by age and first-listed diagnosis: United States, 1998

	All aç	ges	Und 15 ye		15⊸ yea		45–4 yea		65 ye and c	
Category of first-listed diagnosis and ICD-9-CM code	ALOS <sup>1</sup>	SE <sup>2</sup>								
All conditions	5.1	0.1	4.6	0.2	3.7	0.1	5.1	0.1	6.2	0.1
Infectious and parasitic diseases	6.3	0.2	3.8	0.6	6.4	0.5	7.3	0.4	7.1	0.2
Septicemia	7.6	0.2	4.4	0.3	9.3	1.3	7.8	0.4	7.6	0.3
Neoplasms	6.4	0.2	7.0	1.0	4.5	0.2	5.6	0.2	7.6	0.3
Malignant neoplasms	7.2	0.2	8.8	0.9	6.3	0.4	6.5	0.2	7.7	0.3
Malignant neoplasm of large intestine and rectum	8.8	0.2	*	*	*9.0	*1.1	7.4	0.3	9.2	0.4
Malignant neoplasm of trachea, bronchus, and lung 162,176.4,197.0,197.3	8.0	0.3	*	*	7.7	1.5	7.4	0.6	8.2	0.5
Malignant neoplasm of breast	2.7	0.4	*	*	3.1	0.4	2.8	0.3	2.6	0.3
	3.5	0.2		0.6	3.1	0.4	3.3	0.3	5.9	0.2
Benign neoplasms			2.3	0.6						
Endocrine, nutritional and metabolic diseases, and immunity disorders 240–279	4.8	0.1	3.3	0.5	4.6	0.5	4.6	0.2	5.3	0.1
Diabetes mellitus	5.2	0.1	2.9	0.3	4.2	0.2	5.6	0.3	5.7	0.2
Volume depletion	4.3	0.2	2.9	0.7	3.5	0.8	4.3	0.3	5.1	0.2
Diseases of the blood and blood-forming organs	4.6	0.2	3.8	0.3	5.0	0.2	4.7	0.3	4.4	0.3
Mental disorders	7.6	0.3	11.6	1.9	6.8	0.3	7.3	0.3	9.9	0.5
Psychoses	8.7	0.3	11.5	2.1	7.8	0.4	8.8	0.4	10.7	0.6
Alcohol dependence syndrome	5.7	0.5	*	*	5.6	0.6	5.9	0.7	6.6	0.9
Diseases of the nervous system and sense organs	5.2	0.3	3.8	0.2	4.4	0.3	4.8	0.3	6.6	0.7
Diseases of the circulatory system	5.2	0.1	6.9	1.7	4.3	0.2	4.8	0.1	5.4	0.1
Heart disease 391–392.0,393–398,402,404,410–416,420–429	4.9	0.1	5.5	0.9	3.8	0.2	4.6	0.2	5.2	0.1
Acute myocardial infarction	5.9	0.2	*	*	4.5	0.4	5.2	0.3	6.3	0.2
Coronary atherosclerosis	4.1	0.1	*	*	3.0	0.2	3.6	0.1	4.5	0.2
Other ischemic heart disease 411–413,414.1–414.9	3.2	0.2	*	*	2.2	0.2	3.4	0.6	3.1	0.2
Cardiac dysrhythmias	4.0	0.2	2.6	0.4	2.9	0.6	3.6	0.6	4.2	0.1
Congestive heart failure	5.9	0.2	*3.8	*0.4	5.1	0.4	6.4	0.7	5.8	0.2
Cerebrovascular disease	5.9	0.3	*5.6	*1.0	6.4	0.6	6.0	0.2	5.9	0.4
Diseases of the respiratory system	5.6	0.1	3.3	0.1	4.5	0.3	5.7	0.2	6.8	0.2
Acute bronchitis and bronchiolitis	3.7	0.1	3.2	0.1	3.1	0.3	3.9	8.0	5.1	0.3
Pneumonia	6.0	0.2	3.5	0.1	4.8	0.2	6.2	0.3	6.9	0.2
Chronic bronchitis	5.8	0.2	*	*	6.2	1.7	5.7	8.0	5.9	0.1
Asthma	3.3	0.1	2.3	0.1	3.2	0.1	3.8	0.1	5.4	0.6
Diseases of the digestive system	4.8	0.1	3.6	0.2	3.8	0.1	4.8	0.2	5.7	0.2
Appendicitis	3.5	0.1	3.8	0.3	2.9	0.1	4.3	0.3	6.6	0.5
Noninfectious enteritis and colitis	4.3	0.2	2.5	0.2	3.9	0.2	4.3	0.3	5.8	0.5
Diverticula of intestine	5.4	0.3	*	*	*	*	5.4	0.3	5.1	0.2
Cholelithiasis	3.7	0.1	*	*	2.8	0.1	3.2	0.2	4.8	0.2
Diseases of the genitourinary system	3.8	0.1	3.7	0.4	2.8	0.1	3.5	0.2	4.9	0.2
Calculus of kidney and ureter	2.2	0.1	*	*	1.9	0.1	2.1	0.1	3.3	0.2
Complications of pregnancy, childbirth, and the puerperium <sup>3</sup> 630–677	2.5	0.1	*	*	2.5	0.1	*	*		
Diseases of the skin and subcutaneous tissue 680–709	5.7	0.2	4.8	1.2	4.8	0.3	5.4	0.3	6.8	0.3
Cellulitis and abscess	4.9	0.1	2.9	0.1	4.0	0.2	4.9	0.2	6.1	0.3
Diseases of the musculoskeletal system and connective tissue 710–739	4.3	0.1	5.2	0.5	3.1	0.1	4.0	0.3	5.0	0.1
Osteoarthrosis and allied disorders	4.5	0.1	*	*	3.4	0.2	4.1	0.1	4.7	0.1
Intervertebral disc disorders	2.9	0.1	*	*	2.5	0.1	2.6	0.2	4.6	0.3
Congenital anomalies	4.9	0.3	5.2	0.4	3.6	0.3	5.0	0.9	5.6	1.0
Certain conditions originating in the perinatal period	9.2	1.0	9.2	1.0	*	*	*	*	*	*
Symptoms, signs, and ill-defined conditions	2.7	0.3	2.1	0.1	2.1	0.2	2.1	0.1	4.9	1.2
Injury and poisoning	5.4	0.1	4.4	0.5	4.3	0.2	5.4	0.3	6.4	0.2
Fractures, all sites <sup>4</sup>	5.8	0.2	3.5	0.4	4.8	0.3	5.4	0.4	6.6	0.2
Fracture of neck of femur <sup>4</sup>	6.8	0.2	*	*	5.7	1.3	6.1	0.4	7.0	0.2
Poisonings	3.0	0.4	1.8	0.2	2.5	0.1	*	*	4.0	0.6
			5.7				0.0	0.5		
Supplementary classifications	3.8	0.2	5.7	0.8	2.6	0.0	8.2	0.5	11.6	0.6

<sup>\*</sup> Figure does not meet standard of reliablility or precision.

<sup>...</sup> Category not applicable.

<sup>0.0</sup> Quantity more than zero but less than 0.05.

<sup>&</sup>lt;sup>1</sup>ALOS is average length of stay.

<sup>&</sup>lt;sup>2</sup>SE is standard error of average length of stay.

<sup>&</sup>lt;sup>3</sup>First-listed diagnosis for females with deliveries is coded V27, shown under "Supplementary classifications."

<sup>&</sup>lt;sup>4</sup>Excludes fractures coded as 733.1, pathologic fracture.

Table 5. Number of discharges from short-stay hospitals by sex and first-listed diagnosis: United States, 1998

	Both se	exes	Male	е	Fema	ale
Category of first-listed diagnosis and ICD-9-CM code	Number	SE <sup>1</sup>	Number	SE <sup>1</sup>	Number	SE <sup>1</sup>
			Number in the	nousands		
All conditions	31,827	949	12,469	425	19,358	554
Infectious and parasitic diseases	866	44	419	23	447	24
Septicemia	347	22	154	10	194	14
Neoplasms	1,706	66	644	31	1,062	40
Malignant neoplasms	1,266	51	575	29	691	28
Malignant neoplasm of large intestine and rectum	169	10	81	6	88	6
Malignant neoplasm of trachea, bronchus, and lung 162,176.4,197.0,197.3	165	10	95	7	69	5
Malignant neoplasm of breast	124	7	*	*	123	7
Benign neoplasms	389	20	44	4	345	18
Endocrine, nutritional and metabolic diseases, and immunity disorders 240–279	1,332	48	551	21	780	31
Diabetes mellitus	513	22	251	12	261	14
Volume depletion	448	23	170	10	278	17
Diseases of the blood and blood-forming organs	358	19	155	14	203	9
Mental disorders	1,974	217	1,015	116	958	104
	1,974	139	592	69	661	71
Psychoses	1,255	27	134	21	45	7 1
Diseases of the nervous system and sense organs	511	26	224	14	287	16
Diseases of the circulatory system	6,272	241	3,139	132	3,133	117
Heart disease	4,335	180	2,242	101	2,093	86
Acute myocardial infarction	783	41	463	25	320	18
Coronary atherosclerosis	1,094	73	669	47	426	29
Other ischemic heart disease	308	25	135	11	173	16
Cardiac dysrhythmias	670	27	322	15	348	17
Congestive heart failure	978	42	438	22	540	25
Cerebrovascular disease	1,010	41	457	21	553	24
Diseases of the respiratory system	3,403	129	1,574	60	1,829	75
Acute bronchitis and bronchiolitis	219	17	109	9	110	10
Pneumonia	1,328	56	638	30	690	31
Chronic bronchitis	498	27	218	15	280	17
Asthma	423	33	168	20	255	16
Diseases of the digestive system	3,046	87	1,339	43	1,706	50
Appendicitis	249	13	152	10	97	6
Noninfectious enteritis and colitis	275	15	106	8	169	10
Diverticula of intestine	230	11	91	6	139	8
Cholelithiasis	358	16	105	6	253	13
Diseases of the genitourinary system	1,720	78	534	39	1,186	45
Calculus of kidney and ureter	177	16	103	12	74	6
Complications of pregnancy, childbirth, and the puerperium <sup>2</sup> 630–677	512	24			512	24
Diseases of the skin and subcutaneous tissue	517	32	264	20	252	15
Cellulitis and abscess	364	18	190	11	174	11
Diseases of the musculoskeletal system and connective tissue 710–739	1,534	72	658	32	876	45
Osteoarthrosis and allied disorders	435	27	161	12	274	19
Intervertebral disc disorders	352	22	187	14	165	11
Congenital anomalies	197	32	115	20	82	13
Certain conditions originating in the perinatal period	150	26	87	14	64	12
Symptoms, signs, and ill-defined conditions	297	18	135	10	162	11
Injury and poisoning	2,540	93	1,236	52	1,304	46
Fractures, all sites <sup>3</sup>	966	43	414	23	552	25
Fracture of neck of femur <sup>3</sup>	329	21	96	10	232	14
Poisonings	198	13	86	9	112	7
· · · · · · · · · · · · · · · · · · ·	4,892	167	378			161
Supplementary classifications	4.092	107	3/0	28	4,514	101

<sup>\*</sup> Figure does not meet standard of reliability or precision.

<sup>..</sup> Category not applicable.

<sup>&</sup>lt;sup>1</sup>SE is standard error.

<sup>&</sup>lt;sup>2</sup>First-listed diagnosis for females with deliveries is coded V27, shown under "Supplementary classifications."

<sup>&</sup>lt;sup>3</sup>Excludes fractures coded as 733.1, pathologic fracture.

Table 6. Rate of discharges from short-stay hospitals by sex and first-listed diagnosis: United States, 1998

	Both se	exes	Ma	ale	Fema	ale
Category of first-listed diagnosis and ICD-9-CM code	Rate	SE <sup>1</sup>	Rate	SE <sup>1</sup>	Rate	SE <sup>1</sup>
		F	Rate per 10,0	00 population	n	
All conditions	1,165.3	34.8	934.7	31.9	1,385.3	39.7
nfectious and parasitic diseases	31.7	1.6	31.4	1.7	32.0	1.7
Septicemia	12.7	0.8	11.5	0.8	13.9	1.0
leoplasms	62.5	2.4	48.3	2.3	76.0	2.9
Malignant neoplasms	46.4	1.9	43.1	2.2	49.5	2.0
Malignant neoplasm of large intestine and rectum	6.2	0.4	6.1	0.5	6.3	0.4
Malignant neoplasm of trachea, bronchus, and lung 162,176.4,197.0,197.3	6.0	0.4	7.1	0.5	5.0	0.3
Malignant neoplasm of breast	4.5	0.3	*	*	8.8	0.5
Benign neoplasms	14.2	0.7	3.3	0.3	24.7	1.3
Endocrine, nutritional and metabolic diseases, and immunity disorders 240–279	48.8	1.7	41.3	1.6	55.8	2.2
Diabetes mellitus	18.8	0.8	18.8	0.9	18.7	1.0
Volume depletion	16.4	0.9	12.8	0.7	19.9	1.2
Diseases of the blood and blood-forming organs	13.1	0.7	11.6	1.1	14.5	0.7
Mental disorders	72.3	8.0	76.1	8.7	68.6	7.4
Psychoses	45.9	5.1	44.4	5.2	47.3	5.1
Alcohol dependence syndrome	6.5	1.0	10.0	1.6	3.2	0.5
Diseases of the nervous system and sense organs	18.7	0.9	16.8	1.0	20.6	1.1
Diseases of the circulatory system	229.6	8.8	235.3	9.9	224.2	8.4
Heart disease	158.7	6.6	168.1	7.6	149.8	6.
Acute myocardial infarction	28.7	1.5	34.7	1.9	22.9	1.3
Coronary atherosclerosis	40.1	2.7	50.1	3.5	30.5	2.0
Other ischemic heart disease	11.3	0.9	10.1	0.8	12.4	1.2
Cardiac dysrhythmias	24.5	1.0	24.1	1.1	24.9	1.2
Congestive heart failure	35.8	1.5	32.8	1.7	38.6	1.8
Cerebrovascular disease	37.0	1.5	34.2	1.6	39.6	1.7
Diseases of the respiratory system	124.6	4.7	118.0	4.5	130.9	5.4
Acute bronchitis and bronchiolitis	8.0	0.6	8.2	0.7	7.9	0.7
	48.6	2.1	47.8	2.3	49.4	2.2
Pneumonia	18.2	1.0	16.4	2.3 1.1	20.1	1.2
Chronic bronchitis						1.2
Asthma	15.5	1.2	12.6	1.5	18.3	
Diseases of the digestive system	111.5	3.2	100.4	3.2	122.1	3.6
Appendicitis	9.1	0.5	11.4	0.7	6.9	0.5
Noninfectious enteritis and colitis	10.1	0.6	8.0	0.6	12.1	0.7
Diverticula of intestine	8.4	0.4	6.8	0.4	9.9	0.6
Cholelithiasis	13.1	0.6	7.8	0.5	18.1	0.9
Diseases of the genitourinary system	63.0	2.8	40.0	3.0	84.9	3.2
Calculus of kidney and ureter	6.5	0.6	7.7	0.9	5.3	0.5
Complications of pregnancy, childbirth, and the puerperium <sup>2</sup>	18.8	0.9			36.7	1.7
Diseases of the skin and subcutaneous tissue	18.9	1.2	19.8	1.5	18.1	1.1
Cellulitis and abscess	13.3	0.7	14.3	0.9	12.4	0.8
Diseases of the musculoskeletal system and connective tissue	56.2	2.6	49.4	2.4	62.7	3.2
Osteoarthrosis and allied disorders	15.9	1.0	12.1	0.9	19.6	1.4
Intervertebral disc disorders	12.9	0.8	14.0	1.1	11.8	0.6
Congenital anomalies	7.2	1.2	8.6	1.5	5.9	0.9
Certain conditions originating in the perinatal period	5.5	0.9	6.5	1.1	4.6	3.0
Symptoms, signs, and ill-defined conditions	10.9	0.7	10.1	0.7	11.6	0.0
njury and poisoning	93.0	3.4	92.7	3.9	93.3	3.3
Fractures, all sites <sup>3</sup>	35.4	1.6	31.0	1.7	39.5	1.8
Fracture of neck of femur <sup>3</sup>	12.0	0.8	7.2	0.7	16.6	1.0
Poisonings	7.2	0.5	6.4	0.7	8.0	0.5
Supplementary classifications	179.1	6.1	28.4	2.1	323.0	11.5
Females with deliveries	146.5	5.8			286.3	11.4

 $<sup>^{\</sup>star}$  Figure does not meet standard of reliability or precision.

<sup>. .</sup> Category not applicable.

<sup>&</sup>lt;sup>1</sup>SE is standard error of rate.

<sup>&</sup>lt;sup>2</sup>First-listed diagnosis for females with deliveries is coded V27, shown under "Supplementary classifications."

<sup>&</sup>lt;sup>3</sup>Excludes fractures coded as 733.1, pathologic fracture.

Table 7. Average length of stay for discharges from short-stay hospitals by sex and first-listed diagnosis: United States, 1998

	Both s	exes	Mal	le	Fem	ale
Category of first-listed diagnosis and ICD-9-CM code	ALOS <sup>1</sup>	SE <sup>2</sup>	ALOS <sup>1</sup>	SE <sup>2</sup>	ALOS <sup>1</sup>	SE <sup>2</sup>
All conditions	5.1	0.1	5.5	0.1	4.7	0.1
Infectious and parasitic diseases	6.3	0.2	6.7	0.4	5.9	0.2
Septicemia	7.6	0.2	7.9	0.3	7.4	0.3
Neoplasms	6.4	0.2	7.3	0.2	5.8	0.2
Malignant neoplasms	7.2	0.2	7.5	0.2	7.0	0.3
Malignant neoplasm of large intestine and rectum	8.8	0.3	8.5	0.4	9.0	0.4
Malignant neoplasm of trachea, bronchus, and lung 162,176.4,197.0,197.3	8.0	0.4	8.2	0.6	7.9	0.4
Malignant neoplasm of breast	2.7	0.2	*	*	2.7	0.2
Benign neoplasms	3.5	0.1	4.9	0.3	3.4	0.1
Endocrine, nutritional and metabolic diseases, and immunity disorders 240–279	4.8	0.1	5.0	0.3	4.6	0.1
Diabetes mellitus	5.2	0.1	5.3	0.2	5.0	0.1
Volume depletion	4.3	0.2	4.3	0.4	4.3	0.3
Diseases of the blood and blood-forming organs	4.6	0.2	4.6	0.3	4.5	0.2
Mental disorders	7.6	0.3	7.3	0.3	8.0	0.3
Psychoses	8.7	0.3	8.3	0.3	9.0	0.4
Alcohol dependence syndrome	5.7	0.5	5.8	0.5	5.5	0.4
Diseases of the nervous system and sense organs	5.2	0.3	5.0 5.1	0.3	5.3	0.4
, ,						
Diseases of the circulatory system	5.2	0.1	5.1	0.1	5.3	0.1
Heart disease	4.9	0.1	4.8	0.1	5.1	0.1
Acute myocardial infarction	5.9	0.2	5.7	0.2	6.1	0.2
Coronary atherosclerosis	4.1	0.1	4.2	0.1	3.9	0.1
Other ischemic heart disease	3.2	0.2	2.9	0.2	3.4	0.4
Cardiac dysrhythmias	4.0	0.2	3.6	0.1	4.4	0.3
Congestive heart failure	5.9	0.2	5.8	0.3	5.9	0.2
Cerebrovascular disease	5.9	0.3	5.4	0.2	6.4	0.6
Diseases of the respiratory system	5.6	0.1	5.6	0.1	5.7	0.1
Acute bronchitis and bronchiolitis	3.7	0.1	3.3	0.2	4.1	0.2
Pneumonia	6.0	0.2	5.9	0.2	6.2	0.3
Chronic bronchitis	5.8	0.2	5.7	0.2	5.9	0.4
Asthma	3.3	0.1	2.7	0.1	3.7	0.2
Diseases of the digestive system	4.8	0.1	4.7	0.1	4.9	0.1
Appendicitis	3.5	0.1	3.5	0.1	3.5	0.1
Noninfectious enteritis and colitis	4.3	0.2	4.1	0.2	4.4	0.3
Diverticula of intestine	5.4	0.3	5.5	0.6	5.4	0.2
Cholelithiasis	3.7	0.1	4.3	0.2	3.4	0.1
Diseases of the genitourinary system	3.8	0.1	4.2	0.2	3.6	0.1
Calculus of kidney and ureter	2.2	0.1	2.1	0.1	2.4	0.2
Complications of pregnancy, childbirth, and the puerperium <sup>3</sup> 630–677	2.5	0.1			2.5	0.1
Diseases of the skin and subcutaneous tissue	5.7	0.2	5.7	0.3	5.7	0.2
Cellulitis and abscess	4.9	0.1	4.6	0.2	5.3	0.2
Diseases of the musculoskeletal system and connective tissue	4.3	0.1	4.1	0.2	4.3	0.1
Osteoarthrosis and allied disorders	4.5	0.1	4.4	0.1	4.5	0.1
Intervertebral disc disorders	2.9	0.1	2.6	0.2	3.2	0.1
Congenital anomalies	4.9	0.3	4.7	0.4	5.2	0.4
Certain conditions originating in the perinatal period	9.2	1.0	9.2	1.2	9.1	1.1
Symptoms, signs, and ill-defined conditions	2.7	0.3	2.5	0.3	3.0	0.5
Injury and poisoning	5.4	0.1	5.3	0.2	5.4	0.1
Fractures, all sites <sup>4</sup>	5.8	0.1	5.5	0.2	5.9	0.1
Fracture of neck of femur <sup>4</sup>	6.8	0.2	7.5	0.5	6.6	0.2
Poisonings	3.0	0.2	3.4	0.9	2.8	0.2
Supplementary classifications	3.8	0.4	9.8		3.2	
Females with deliveries	3.6 2.5			0.6	3.2 2.5	0.1 0.0
i eniales with deliveries	۷.5	0.0		• • •	2.0	0.0

<sup>\*</sup> Figure does not meet standard of reliability or precision.

<sup>. .</sup> Category not applicable.

<sup>0.0</sup> Quantity more than zero but less than 0.05.

<sup>&</sup>lt;sup>1</sup>ALOS is average length of stay.

<sup>&</sup>lt;sup>2</sup>SE is standard error of average length of stay.

<sup>&</sup>lt;sup>3</sup>First-listed diagnosis for females with deliveries is coded V27, shown under "Supplementary classifications."

<sup>&</sup>lt;sup>4</sup>Excludes fractures coded as 733.1, pathologic fracture.

Table 8. Number of all-listed procedures for discharges from short-stay hospitals by procedure category and age: United States, 1998

	All a	ges	Unde 15 yea		15–4 year		45–6 year		65 ye and o	
Procedure category and ICD-9-CM code	Number	SE <sup>1</sup>	Number	SE <sup>1</sup>	Number	SE <sup>1</sup>	Number	SE <sup>1</sup>	Number	SE
				Nu	mber in th	ousand	ls			
All procedures	41,500	1,595	2,002	285	14,495	535	9,764	446	15,240	666
Operations on the nervous system	1,062	69	209	38	360	31	227	17	265	18
Spinal tap	321	27	141	24	82	6	40	3	58	
Operations on the endocrine system	96	6	*3	*1	31	3	41	4	22	;
Operations on the eye	122	18	11	3	28	5	28	6	55	1
Operations on the ear	57	10	31	8	10	2	*	*	*5	*
Operations on the nose, mouth, and pharynx	288	22	66	12	101	9	58	6	62	
Operations on the respiratory system	1,004	44	63	15	176	13	279	17	485	2
Bronchoscopy with or without biopsy	264	15	18	4	38	4	79	6	130	1
Operations on the cardiovascular system	5,791	310	171	37	547	29	2,033	126	3,040	16
Removal of coronary artery obstruction and insertion of stent(s) 36.0	926	78	*	*	60	7	410	38	456	4
Coronary artery bypass graft <sup>2</sup>	553	41	*	*	14	2	234	19	304	2
Cardiac catheterization	1,202	89	11	3	91	7	503	41	597	4
Insertion, replacement, removal, and revision of pacemaker leads or			_	*				_		_
device	364	27	*	*	*7	*2	45	7	309	2
Hemodialysis	425	30			70	7	156	15	196	1:
Operations on the hemic and lymphatic system	334	18	19	4	58	4	109	7	147	1:
Operations on the digestive system	5,116	153	227	35	1,166	40	1,324	48	2,399	8
Endoscopy of small intestine with or without biopsy 45.11–45.14,45.16	892	34	16	4	127	8	216	11	533	2
Endoscopy of large intestine with or without biopsy	531	23	9	2	58	5	114	7	349	1
Partial excision of large intestine	242	12 13			27 150	3	65 40	5 4	146	
Appendectomy, excluding incidental	278 439	19	64	6	158 144	9		7	16	1
Cholecystectomy	310	19	6	2	136	8	127 84	, 5	165 84	10
Operations on the urinary system	946	48	45	9	207	12	296	19	398	2
Cystoscopy with or without biopsy	194	13	6	2	29	3	52 52	5	107	2
Operations on the male genital organs	298	22	25	3	14	3	64	6	195	18
Prostatectomy	203	18	*	*	*	*	48	5	154	10
Operations on the female genital organs	2,187	100	8	2	1,267	70	627	30	285	19
Oophorectomy and salpingo-oophorectomy 65.3–65.6	491	27	*	*	210	18	216	11	64	
Bilateral destruction or occlusion of fallopian tubes 66.2–66.3	364	30	*	*	364	30	*	*	*	
Hysterectomy	645	36	*	*	328	24	244	13	73	
Obstetrical procedures	6,640	289	12	3	6,622	288	*6	*1		
Episiotomy with or without forceps or vacuum	-,-				-,-					
extraction	1,220	67	*	*	1,217	67	*	*		
Artificial rupture of membranes	815	64	*	*	813	64	*	*		
Cesarean section	900	45	*	*	897	45	*	*		
Repair of current obstetric laceration	1,093	48	*	*	1,091	47	*	*		
Operations on the musculoskeletal system	3,257	150	175	24	923	51	915	48	1,244	6
Partial excision of bone	260	17	11	2	90	9	97	8	63	
Reduction of fracture	610	32	54	6	191	14	118	10	248	1
Open reduction of fracture with internal fixation	416	23	17	3	127	9	88	8	184	1
Excision or destruction of intervertebral disc	312	22	*	*	136	11	131	11	44	
Total hip replacement	160	12	*	*	9	2	46	4	106	:
Total knee replacement	266	17	*	*	*5	*2	81	7	180	1:
Operations on the integumentary system	1,325	78	*	*	373	22	382	19	443	2
Debridement of wound, infection, or burn	335	19	19	4	92	8	96	8	128	
Miscellaneous diagnostic and therapeutic procedures	12,977	863	810	123	2,611	207	3,362	226	6,195	42
Computerized axial tomography 87.03,87.41,87.71,88.01,88.38	986	96	43	8	217	28	239	25	487	4
Arteriography and angiocardiography using contrast material 88.4–88.5	1,961	137	18	4	167	11	794	65	981	7
Diagnostic ultrasound	1,123	104	48	12	214	22	277	28	584	5
Respiratory therapy	1,109	89	185	41	151	15	240	21	533	4
	399	18	34	7	60	5	92	6	214	1

<sup>\*</sup> Figure does not meet standard of reliability or precision.

<sup>...</sup> Category not applicable. 

SE is standard error.

 $<sup>^2\</sup>mbox{The number of discharges with a coronary artery bypass graft was 336,000.$ 

Table 9. Rate of all-listed procedures for discharges from short-stay hospitals by procedure category and age: United States, 1998

Procedure category and ICD-9-CM code   Rate   Se <sup>1</sup>   Rate   Se <sup></sup>		All aç	jes	Und 15 y		15–4 year		45–6 yea		65 ye and c	
Name	Procedure category and ICD-9-CM code	Rate	SE <sup>1</sup>	Rate	SE <sup>1</sup>	Rate	SE <sup>1</sup>	Rate	SE <sup>1</sup>	Rate	SE <sup>1</sup>
Operations on the nervous system					Rat	e per 10,0	000 pop	ulation			
Spinal lap.	All procedures	1,519.4	58.4	333.9	47.5	1,188.1	43.9	1,710.5	78.1	4,469.1	195.3
Spinal lap	Operations on the nervous system	38.9	2.5	34.9	6.3	29.5	2.6	39.8	2.9	77.6	5.2
Operations on the endocrine system. 0,60-70											1.6
1.50   Operations on the ear.   1.60   0.5   0		3.5	0.2	*0.4	*0.1	2.5	0.2		0.6	6.4	1.0
Operations on the nose, mouth, and pharynx	Operations on the eye	4.5	0.7	1.8	0.4	2.3	0.4	4.9	1.0	16.2	3.0
Operations on the respiratory system	Operations on the ear	2.1	0.4	5.2	1.3	0.8	0.1	*	*	*1.5	*0.4
Bronchoscopy with or without biopsy   3321-3324,3327   97   06   3.0   0.7   3.1   0.3   13.8   1.1   38.1	Operations on the nose, mouth, and pharynx	10.5	8.0	11.1	2.0	8.3	0.8	10.2	1.1	18.3	1.9
Operations on the Cardiovascular system   35-99   212.0   11.3   28.5   6.2   24.49   0.5   71.8   6.7   133.8	Operations on the respiratory system	36.7	1.6	10.6	2.5	14.4	1.0	49.0	2.9	142.1	6.8
Removal of coronary artery obstruction and insertion of stent(s)	Bronchoscopy with or without biopsy	9.7	0.6	3.0	0.7	3.1	0.3	13.8	1.1	38.1	2.8
Coronary artery bypass graft*	Operations on the cardiovascular system	212.0	11.3			44.9	2.4	356.2	22.1	891.5	49.3
Cardiac catheterization. 37.21–37.23 44.0 3.3 1.9 0.5 7.5 0.5 88.1 7.2 1750 Insertion, replacement, removal, and revision of pacemaker leads or device 37.7–37.8 13.3 1.0 0.6 0.1 7.9 1.2 90.7 Hemodialysis. 3.9 3.9 1.5 0.5 7.5 0.5 88.1 7.2 90.7 Hemodialysis. 3.9 3.9 1.5 0.5 1.1 0.0 0.5 1.8 0.5 27.3 2.6 57.5 0.5 0.5 0.5 0.5 27.3 2.6 57.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0		33.9	2.9					71.8			12.1
Insention, replacement, removal, and revision of pacemaker leads or device		20.3	1.5	*	*			41.0		89.3	7.1
device         3.7.7-37.8         13.3         1.0         *		44.0	3.3	1.9	0.5	7.5	0.5	88.1	7.2	175.0	13.6
Hemodialysis		40.0	4.0			*0.0	*0.4	7.0	4.0	00.7	
Departations on the hemic and lymphatic system											7.1
Operations on the digestive system         42-54         187.3         5.6         37.9         5.8         95.6         3.3         232.0         8.3         703.6           Endoscopy of small intestine with or without biopsy         45.11-45.1445.16         32.7         1.2         2.7         0.6         10.4         0.7         37.8         1.9         156.2           Partial excision of large intestine         45.7         8.9         0.4         0.8         1.2         2.0         3         11.5         0.9         4.2           Appendectory, excluding incidental         4.70         10.2         0.5         10.6         1.1         13.0         0.8         0.9         0.8         4.8           Cholecystectomy         51.2         16.1         0.7         0.         1.1         13.0         0.7         1.1         11.8         0.7         22.2         13.3         4.3           Operations on the uninary system.         55-59         34.6         1.7         7.5         1.5         11.0         0.3         11.1         0.7         14.8         0.9         2.8         2.5           Operations on the uninary system.         55-69         3.3         1.1         0.5         1.2         0.9	-			2.0							4.3
Endoscopy of small intestine with or without biopsy         45.11–45.14,45.16         32.7         1.2         2.7         0.6         10.4         0.7         37.8         1.9         156.4           Endoscopy of large intestine with or without biopsy         4.52–445.25         19.4         8.9         0.4         1.0         0.2         2.0         3         11.5         0.9         42.9           Appendectomy, excluding incidental         47.0         10.2         0.5         10.6         1.1         13.0         0.8         6.9         0.8         4.8           Cholecystectory         5.6         11.2         16.1         0.7         7.5         1.5         17.0         1.0         15.9         3.4         48.3           Lysis of peritoneal adhesions         5.5         5.5         3         1.0         1.7         7.5         1.5         17.0         1.0         51.9         3.4         416.8         4.9         2.4         2.0         9.0         0.9         24.8         4.0         2.0         9.0         0.9         24.8         4.0         2.0         9.0         0.9         13.3         1.1         1.0         3.2         1.0         1.0         1.0         1.0         1.0         <											3.5
Endoscopy of large intestine with or without biopsy         .45.21–45.25         19.4         0.8         1.5         0.4         4.8         0.4         20.0         1.3         102.5           Partial excision of large intestine         .45.7         8.9         0.4         0.6         1.1         13.0         0.8         6.9         0.8         4.8           Appendectormy         .51.2         16.1         0.7         1.2         11.1         13.0         0.8         6.9         0.8         4.8           Cholecystectormy         .51.2         16.1         0.7         1.2         11.1         0.7         11.8         0.7         22.2         1.3         48.3           Operations of peritoneal adhesions         .56.5         11.3         0.5         1.1         0.3         11.1         0.7         11.8         0.7         22.2         1.3         44.6           Operations on the urinary system         .55.59         34.6         1.7         0.5         1.1         0.3         1.4         0.2         9.0         0.9         31.3           Operations on the urinary system         .60.2-66.0         7.4         4.7         0.5         1.1         0.5         1.2         0.3         1.2											24.8
Partial excision of large intestine         .45.7         8.9         0.4         *         *         2.2         0.3         11.5         0.9         42.9           Appendectomy, excluding incidental         .47.0         10.2         0.5         10.6         1.1         13.0         0.8         6.9         0.8         4.8           Cholecystectomy         .51.2         16.1         0.7         *         *         11.8         0.7         22.2         1.3         4.8           Cholecystectomy on the unitary system.         .55.59         34.6         1.7         7.5         1.5         17.0         1.0         51.9         3.4         116.6           Cystoscopy with or without biopsy.         .57.31-57.33         7.1         0.5         1.1         0.3         11.3         1.1         51.9         3.4         11.6         0.9         0.9         31.3         1.1         1.5         17.0         1.0         51.9         3.4         11.6         0.9         24.6         1.0         0.0         4.1         0.5         1.1         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0											6.9
Appendectormy, excluding incidental 47.0   10.2   0.5   10.6   1.1   13.0   0.8   6.9   0.8   4.8   Cholecystectormy 51.2   16.1   0.7   1.1   13.0   0.8   6.9   0.8   4.8   Cholecystectormy 51.2   16.1   0.7   1.1   13.0   0.8   6.9   0.8   4.8   Cysis of peritioneal adhesions 54.5   11.3   0.5   1.0   0.3   11.1   0.7   1.0   14.8   0.9   24.6   Operations on the uninary system 555-59   34.6   1.7   7.5   1.5   17.0   1.0   51.9   3.4   116.6   Cystoscopy with or without biopsy 57.31-57.33   7.1   0.5   1.1   0.3   2.4   0.2   9.0   0.9   31.3   Operations on the male genital organs 60.2-60.6   7.4   0.7   1.0   1.2   0.3   11.3   11.3   11.5   Prostatectormy 60.2-60.6   7.4   0.7   1.0   1.2   0.3   11.3   11.3   11.5   Prostatectormy and salpingo-ophorectormy 65.3-65.6   18.0   1.0   1.7   1.0   1.0   1.0   1.0   Ophorectormy and salpingo-ophorectormy 65.3-65.6   18.0   1.0   1.1   1.2   1.2   1.3   Bilateral destruction or occlusion of fallopian tubes 66.2-66.3   13.3   1.1   1.1   1.2   1.2   1.2   1.3   Districted procedures 72.75   243.1   10.6   2.0   0.4   54.2   2.0   2.0   42.8   2.3   2.1   Episiotomy with or without forceps or vacuum extraction 72.1,72.21,72.31,72.71,73.6   44.7   2.5   1.2   1.3   3.7   4.0   4.0   4.0   4.0   Experision of the membranes 72.1,72.21,72.31,72.71,73.6   44.7   2.5   1.2   1.3   4.0	., .										4.9 2.4
Cholecystectomy	-										0.6
Classical Content   Clas											2.9
Operations on the urinary system.         55-59         34.6         1.7         7.5         1.5         17.0         1.0         51.9         3.4         116.6           Cystoscopy with or without biopsy.         57.31-57.33         7.1         0.5         1.1         0.3         2.4         0.2         9.0         0.9         31.3           Operations on the male genital organs         6.0-46.6         4         0.9         8         4.1         0.5         1.2         0.3         11.3         1.1         57.1           Prostatectomy         6.0-2-60.6         7.4         0.7         1.2         0.2         1.2											1.9
Cystoscopy with or without biopsy.         57.31–57.33         7.1         0.5         1.1         0.3         2.4         0.2         9.0         0.9         31.3           Operations on the male genital organs         .60–64         10.9         0.8         4.1         0.5         1.2         0.3         11.3         1.1         57.1           Operations on the female genital organs         .65–71         80.1         3.7         1.4         0.4         10.38         5.7         109.9         5.2         83.5           Ophorectomy and salpingo-ocophorectomy         .65.3–65.6         18.0         1.0         *         *         1.7         2.5         37.9         2.0         18.8           Bilateral destruction or occlusion of fallopian tubes         .66.2–66.3         13.3         1.1         *         *         2.9.8         2.5         *         *         *         2.9.9         2.0         42.8         2.3         21.3           Obstetricial procedures         .72–75         243.1         10.6         2.0         0.4         52.8         2.5         *         *         2.9.9         2.0         42.8         2.3         21.3           Episiotomy with or without forceps or vacuum extraction         .72.1,722.1,72											6.8
Operations on the male genital organs         60-64         10.9         0.8         4.1         0.5         1.2         0.3         11.3         1.1         57.1           Prostatectomy         60.2-60.6         7.4         0.7         *         *         *         *         8.4         0.8         45.2           Operations on the female genital organs         65-71         80.1         3.7         1.4         10.4         103.8         5.7         10.9         5.2         83.5           Opprotectomy and salpingo-oophorectomy         65.3-66.6         18.0         1.0         *         *         17.2         1.5         37.9         5.2         18.8           Bilateral destruction or occlusion of fallopian tubes         66.2-66.3         13.3         1.1         *         *         2.9         2.5         *         *         *         *         2.9         42.8         2.5         *         <											2.6
Prostatectomy         60.2-60.6         7.4         0.7         *         *         *         *         8.4         0.8         45.2           Operations on the female genital organs         65-71         80.1         3.7         1.4         0.4         103.8         5.7         109.9         5.2         83.5           Oophorectomy and salpingo-oophorectomy         65.3-65.6         18.0         1.0         *         *         1.7         1.5         37.9         2.0         18.8           Bilateral destruction or occlusion of fallopian tubes         66.2-66.3         13.3         1.1         *         29.8         2.5         *         *         *         1.5         2.9         2.0         42.8         2.3         21.3         *         *         26.9         2.0         42.8         2.3         21.3         *         *         26.9         2.0         42.8         2.3         21.3         *         *         26.9         2.0         42.8         2.3         21.3         *         *         26.9         2.0         42.8         2.3         21.3         *         *         26.9         9.0         42.8         2.3         21.3         *         *         26.9         9.											5.2
Operations on the female genital organs         .65-71         80.1         3.7         1.4         0.4         103.8         5.7         109.9         5.2         83.5           Oophorectomy and salpingo-oophorectomy         .65.3-65.6         18.0         1.0         *         *         1.72         1.5         37.9         2.0         18.8           Bilateral destruction or occlusion of fallopian tubes         .66.2-66.3         13.3         1.1         *         *         29.8         2.5         *         *         *           Hysterectomy.         .68.3-68.768.9         23.6         1.3         *         *         26.9         2.0         42.8         2.3         21.3           Obstetrical procedures         .72-75         243.1         10.6         2.0         0.4         542.8         23.6         *1.1         *0.3         *         *         26.9         2.0         42.8         2.3         *         *         45.28         2.3         *         *         45.28         2.3         *         *         45.28         2.3         *         *         *         *         *         *         *         *         *         *         *         *         *         *	· ·			*	*						4.6
Oophorectomy and salpingo-oophorectomy         65.3-65.6         18.0         1.0         *         *         17.2         1.5         37.9         2.0         18.8           Bilateral destruction or occlusion of fallopian tubes         66.2-66.3         13.3         1.1         *         29.8         2.5         *         *         *         *         29.8         2.5         *         *         *         *         29.9         2.0         42.8         23.3         21.3           Obstetrical procedures         72-75         243.1         10.6         20         0.4         542.8         23.6         *1.1         *0.3         *         *         26.9         2.0         42.8         23.3         21.3         *         *         26.9         2.0         42.8         23.3         *         *         *         42.8         23.6         *1.1         *0.3         *	•			1.4	0.4	103.8	5.7				5.6
Bilateral destruction or occlusion of fallopian tubes   66.2-66.3   13.3   1.1   * * * * 29.8   2.5   * * * * * * * * * * * * * * * * * *				*	*						1.3
Hysterectomy.         68.3–68.7,68.9         23.6         1.3         *         *         26.9         2.0         42.8         2.3         21.3           Obstetrical procedures         .72–75         243.1         10.6         2.0         0.4         542.8         23.6         *1.1         *0.3            Episiotomy with or without forceps or vacuum extraction         72.1,72.21,72.31,72.71,73.6         44.7         2.5         *         *         99.8         5.5         *         *            Artificial rupture of membranes         .73.0         29.8         2.3         *         *         66.6         5.2         *         *            Cesarean section         .74.0–74.2,744,474.99         32.9         1.7         *         *         89.4         3.9         *         *         *            Cesarean section         .75.5–75.6         40.0         1.7         *         *         89.4         3.9         *         *         *            Operations on the musculoskeletal system         .76.2–76.3,77.6–778         9.5         0.6         1.8         0.3         7.4         0.7         16.9         1.4         18.5				*	*						í
Obstetrical procedures         72–75         243.1         10.6         2.0         0.4         542.8         23.6         *1.1         *0.3            Episiotomy with or without forceps or vacuum extraction         72.1,72.21,72.31,72.71,73.6         44.7         2.5         *         99.8         5.5         *         *            Artificial rupture of membranes         73.0         29.8         2.3         *         *         66.6         5.2         *         *            Cesarean section         74.0–74.2,74.4,74.99         32.9         1.7         *         *         73.6         3.7         *         *            Repair of current obstetric laceration         75.5–75.6         40.0         1.7         *         *         89.4         3.9         *         *         *            Operations on the musculoskeletal system         76.2–76.3,77.6–77.8         19.5         0.6         1.8         0.3         7.4         4.2         160.3         8.4         364.8           Partial excision of bone         76.2–76.3,77.6–77.8         29.5         0.6         1.8         0.3         7.4         0.7         16.9         1.4         18.5	·			*	*			42.8	2.3	21.3	1.5
Episiotomy with or without forceps or vacuum extraction				2.0	0.4						
Artificial rupture of membranes	·										
Cesarean section 74.0–74.2,74.4,74.99 32.9 1.7 * 73.6 3.7 * * * * * * * * * * * * * * * * * * *	extraction	44.7	2.5	*	*	99.8	5.5	*	*		
Repair of current obstetric laceration 75.5–75.6 40.0 1.7 * * 89.4 3.9 * * * * * * * * * * * * * * * * * * *	Artificial rupture of membranes	29.8	2.3	*	*	66.6	5.2	*	*		
Operations on the musculoskeletal system       76-84       119.3       5.5       29.2       4.0       75.7       4.2       160.3       8.4       364.8         Partial excision of bone       76.2–76.3,77.6–77.8       9.5       0.6       1.8       0.3       7.4       0.7       16.9       1.4       18.5         Reduction of fracture       76.7,79.0–79.3       22.3       1.2       9.0       0.9       15.6       1.1       20.6       1.7       72.6         Open reduction of fracture with internal fixation       79.3       15.2       0.8       2.8       0.5       10.4       0.7       15.5       1.3       54.1         Excision or destruction of intervertebral disc.       80.5       11.4       0.8       *       *       *       11.1       0.9       23.0       1.9       13.0         Total hip replacement       81.51       5.9       0.4       *       *       0.7       0.1       8.0       0.7       30.9         Total knee replacement       81.54       9.7       0.6       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *       *	Cesarean section	32.9	1.7	*		73.6	3.7	*	*		
Partial excision of bone       76.2–76.3,77.6–77.8       9.5       0.6       1.8       0.3       7.4       0.7       16.9       1.4       18.5         Reduction of fracture       76.7,79.0–79.3       22.3       1.2       9.0       0.9       15.6       1.1       20.6       1.7       72.6         Open reduction of fracture with internal fixation       79.3       15.2       0.8       2.8       0.5       10.4       0.7       15.5       1.3       54.1         Excision or destruction of intervertebral disc.       80.5       11.4       0.8       *       *       11.1       0.9       23.0       1.9       13.0         Total hip replacement       81.51       5.9       0.4       *       *       0.7       0.1       8.0       0.7       30.9         Total knee replacement       81.54       9.7       0.6       * <t< td=""><td>Repair of current obstetric laceration</td><td>40.0</td><td>1.7</td><td>*</td><td>*</td><td>89.4</td><td>3.9</td><td>*</td><td>*</td><td></td><td></td></t<>	Repair of current obstetric laceration	40.0	1.7	*	*	89.4	3.9	*	*		
Reduction of fracture       76.7,79.0–79.3       22.3       1.2       9.0       0.9       15.6       1.1       20.6       1.7       72.6         Open reduction of fracture with internal fixation       79.3       15.2       0.8       2.8       0.5       10.4       0.7       15.5       1.3       54.1         Excision or destruction of intervertebral disc.       80.5       11.4       0.8       *       *       11.1       0.9       23.0       1.9       13.0         Total hip replacement.       81.51       5.9       0.4       *       *       0.7       0.1       8.0       0.7       30.9         Total knee replacement       81.54       9.7       0.6       *       *       *       *0.4       *0.1       14.2       1.3       52.7         Operations on the integumentary system       85–86       48.5       2.9       *       *       *0.4       *0.1       14.2       1.3       52.7         Operations on the integumentary system       86.22,86.28       12.3       0.7       3.1       0.6       7.6       0.6       16.8       1.4       37.5         Miscellaneous diagnostic and therapeutic procedures       87–99       475.1       31.6       135.1	·	119.3	5.5	29.2	4.0	75.7	4.2	160.3	8.4	364.8	18.9
Open reduction of fracture with internal fixation       79.3       15.2       0.8       2.8       0.5       10.4       0.7       15.5       1.3       54.1         Excision or destruction of intervertebral disc.       80.5       11.4       0.8       *       *       11.1       0.9       23.0       1.9       13.0         Total hip replacement.       81.51       5.9       0.4       *       *       0.7       0.1       8.0       0.7       30.9         Total knee replacement       81.54       9.7       0.6       *       *       *       *0.4       *0.1       14.2       1.3       52.7         Operations on the integumentary system       85–86       48.5       2.9       *       *       *0.4       *0.1       14.2       1.3       52.7         Operations on the integumentary system       86.22,86.28       12.3       0.7       3.1       0.6       7.6       0.6       16.8       1.4       37.5         Miscellaneous diagnostic and therapeutic procedures       87–99       475.1       31.6       135.1       20.6       214.0       16.9       588.9       39.7       1,816.7         Computerized axial tomography       87.03,87.41,87.71,88.01,88.38       36.1       3.5 <td></td> <td>9.5</td> <td>0.6</td> <td>1.8</td> <td>0.3</td> <td>7.4</td> <td>0.7</td> <td>16.9</td> <td>1.4</td> <td></td> <td>1.5</td>		9.5	0.6	1.8	0.3	7.4	0.7	16.9	1.4		1.5
Excision or destruction of intervertebral disc.       80.5       11.4       0.8       *       *       11.1       0.9       23.0       1.9       13.0         Total hip replacement.       81.51       5.9       0.4       *       *       0.7       0.1       8.0       0.7       30.9         Total knee replacement       81.54       9.7       0.6       *       *       *       *0.4       *0.1       14.2       1.3       52.7         Operations on the integumentary system       85–86       48.5       2.9       *       *       30.6       1.8       66.9       3.3       129.9         Debridement of wound, infection, or burn       86.22,86.28       12.3       0.7       3.1       0.6       7.6       0.6       16.8       1.4       37.5         Miscellaneous diagnostic and therapeutic procedures       87–99       475.1       31.6       135.1       20.6       214.0       16.9       588.9       39.7       1,816.7         Computerized axial tomography       87–33,87.41,87.71,88.01,88.38       36.1       3.5       7.2       1.4       17.8       2.3       41.9       4.3       142.8         Arteriography and angiocardiography using contrast material       88.4–88.5       71.8	Reduction of fracture	22.3	1.2		0.9	15.6		20.6	1.7	72.6	4.
Total hip replacement	·	15.2									3.2
Total knee replacement       81.54       9.7       0.6       *       *       *0.4       *0.1       14.2       1.3       52.7         Operations on the integumentary system       85–86       48.5       2.9       *       *       *       30.6       1.8       66.9       3.3       129.9         Debridement of wound, infection, or burn       86.22,86.28       12.3       0.7       3.1       0.6       7.6       0.6       16.8       1.4       37.5         Miscellaneous diagnostic and therapeutic procedures       87–99       475.1       31.6       135.1       20.6       214.0       16.9       588.9       39.7       1,816.7         Computerized axial tomography       .87.03,87.41,87.71,88.01,88.38       36.1       3.5       7.2       1.4       17.8       2.3       41.9       4.3       142.8         Arteriography and angiocardiography using contrast material       88.4–88.5       71.8       5.0       3.0       0.7       13.7       0.9       139.1       11.4       287.8         Diagnostic ultrasound.       88.7       41.1       3.8       7.9       2.1       17.6       1.8       48.5       4.9       171.3         Respiratory therapy.       93.9,96.7       40.6				*	*						1.4
Operations on the integumentary system       85–86       48.5       2.9       *       *       30.6       1.8       66.9       3.3       129.9         Debridement of wound, infection, or burn       86.22,86.28       12.3       0.7       3.1       0.6       7.6       0.6       16.8       1.4       37.5         Miscellaneous diagnostic and therapeutic procedures       87–99       475.1       31.6       135.1       20.6       214.0       16.9       588.9       39.7       1,816.7         Computerized axial tomography       87.03,87.41,87.71,88.01,88.38       36.1       3.5       7.2       1.4       17.8       2.3       41.9       4.3       142.8         Arteriography and angiocardiography using contrast material       88.4–88.5       71.8       5.0       3.0       0.7       13.7       0.9       139.1       11.4       287.8         Diagnostic ultrasound.       88.7       41.1       3.8       7.9       2.1       17.6       1.8       48.5       4.9       171.3         Respiratory therapy.       93.9,96.7       40.6       3.3       30.8       6.8       12.4       1.2       42.1       3.7       156.4				*	*						2.7
Debridement of wound, infection, or burn 86.22,86.28 12.3 0.7 3.1 0.6 7.6 0.6 16.8 1.4 37.5 Miscellaneous diagnostic and therapeutic procedures				*	*						3.4
Miscellaneous diagnostic and therapeutic procedures       .87–99       475.1       31.6       135.1       20.6       214.0       16.9       588.9       39.7       1,816.7         Computerized axial tomography       .87.03,87.41,87.71,88.01,88.38       36.1       3.5       7.2       1.4       17.8       2.3       41.9       4.3       142.8         Arteriography and angiocardiography using contrast material       .88.4–88.5       71.8       5.0       3.0       0.7       13.7       0.9       139.1       11.4       287.8         Diagnostic ultrasound.       .88.7       41.1       3.8       7.9       2.1       17.6       1.8       48.5       4.9       171.3         Respiratory therapy.       .93.9,96.7       40.6       3.3       30.8       6.8       12.4       1.2       42.1       3.7       156.4				*							6.1
Computerized axial tomography											2.3
Arteriography and angiocardiography using contrast material       88.4–88.5       71.8       5.0       3.0       0.7       13.7       0.9       139.1       11.4       287.8         Diagnostic ultrasound       88.7       41.1       3.8       7.9       2.1       17.6       1.8       48.5       4.9       171.3         Respiratory therapy       93.9,96.7       40.6       3.3       30.8       6.8       12.4       1.2       42.1       3.7       156.4											123.1
Diagnostic ultrasound.         88.7       41.1       3.8       7.9       2.1       17.6       1.8       48.5       4.9       171.3         Respiratory therapy.         93.9,96.7       40.6       3.3       30.8       6.8       12.4       1.2       42.1       3.7       156.4	•										13.8
Respiratory therapy											20.4
	· ·										17.2
insertion of endotracheal tube											12.8
Injection or infusion of cancer chemotherapeutic substance											3.2 2.0

<sup>\*</sup> Figure does not meet standard of reliability or precision.

<sup>...</sup> Category not applicable.

SE is standard error of rate.

<sup>&</sup>lt;sup>2</sup>The rate per 10,000 population of discharges with a coronary artery bypass graft was 12.3.

Table 10. Number of all-listed procedures for discharges from short-stay hospitals by procedure category and sex: United States, 1998 [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)]

	Both s	exes	Male	Э	Fema	ale
Procedure category and ICD-9-CM code	Number	SE <sup>1</sup>	Number	SE <sup>1</sup>	Number	SE <sup>1</sup>
			Number in th	ousands		
All procedures	41,500	1,595	16,188	748	25,312	905
Operations on the nervous system	1,062	69	485	33	577	43
Spinal tap	321	27	157	14	164	15
Operations on the endocrine system	96	6	32	4	64	5
Operations on the eye	122	18	66	10	56	10
Operations on the ear	57	10	34	6	23	5
Operations on the nose, mouth, and pharynx	288	22	161	13	126	11
Operations on the respiratory system	1,004	44	544	29	460	21
Bronchoscopy with or without biopsy	264	15	145	9	119	8
Operations on the cardiovascular system	5,791	310	3,364	191	2,427	127
Removal of coronary artery obstruction and insertion of stent(s)	926	78	594	48	332	32
Coronary artery bypass graft <sup>2</sup>	553	41	396	30	158	14
Cardiac catheterization	1,202	89	716	51	486	41
Insertion, replacement, removal, and revision of pacemaker leads or device 37.7–37.8	364	27	178	16	185	15
Hemodialysis	425	30	219	18	205	16
Operations on the hemic and lymphatic system	334	18	166	11	167	9
Operations on the digestive system	5,116	153	2,178	75	2,938	90
Endoscopy of small intestine with or without biopsy	892	34	414	19	478	20
Endoscopy of large intestine with or without biopsy	531	23	215	11	316	17
Partial excision of large intestine	242	12	112	7	130	8
Appendectomy, excluding incidental	278	13	156	9	122	7
Cholecystectomy	439	19	128	7	311	16
Lysis of peritoneal adhesions	310	14	59	5	250	13
Operations on the urinary system	946	48	470	31	476	24
·	194	13	121	10	73	7
Cystoscopy with or without biopsy	298	22	298	22		
Operations on the male genital organs						
Prostatectomy	203	18	203	18	0.407	400
Operations on the female genital organs	2,187	100			2,187	100
Oophorectomy and salpingo-oophorectomy	491	27			491	27
Bilateral destruction or occlusion of fallopian tubes	364	30			364	30
Hysterectomy	645	36			645	36
Obstetrical procedures	6,640	289			6,640	289
Episiotomy with or without forceps or vacuum extraction 72.1,72.21,72.31,72.71,73.6	1,220	67			1,220	67
Artificial rupture of membranes	815	64		• • •	815	64
Cesarean section	900	45			900	45
Repair of current obstetric laceration	1,093	48			1,093	48
Operations on the musculoskeletal system	3,257	150	1,552	73	1,705	82
Partial excision of bone	260	17	130	9	130	11
Reduction of fracture	610	32	282	18	328	17
Open reduction of fracture with internal fixation	416	23	177	12	239	14
Excision or destruction of intervertebral disc	312	22	163	13	149	11
Total hip replacement	160	12	68	6	92	7
Total knee replacement	266	17	99	8	167	12
Operations on the integumentary system	1,325	78	577	42	748	41
Debridement of wound, infection, or burn	335	19	195	12	140	9
Miscellaneous diagnostic and therapeutic procedures	12,977	863	6,261	422	6,716	449
Computerized axial tomography	986	96	462	47	524	51
Arteriography and angiocardiography using contrast material 88.4–88.5	1,961	137	1,115	79	845	62
Diagnostic ultrasound	1,123	104	488	48	635	59
Respiratory therapy	1,109	89	564	46	545	47
Insertion of endotracheal tube	399	18	200	11	199	9
Injection or infusion of cancer chemotherapeutic substance	254	20	121	11	134	11

<sup>\*</sup> Figure does not meet standard of reliability or precision.

<sup>. .</sup> Category not applicable.

<sup>&</sup>lt;sup>1</sup>SE is standard error.

<sup>&</sup>lt;sup>2</sup>The number of discharges with a coronary artery bypass graft was 336,000.

Table 11. Rate of all-listed procedures for discharges from short-stay hospitals by procedure category and sex: United States, 1998

[Discharges of innations from non-Federal hospitals | Excludes newborn infants | Procedure groupings and code numbers are based on the International Classification of

	Both s	exes	Mal	е	Fem	ale
Procedure category and ICD-9-CM code	Rate	SE <sup>1</sup>	Rate	SE <sup>1</sup>	Rate	SE <sup>1</sup>
		F	Rate per 10,00	0 populatio	n	
All procedures	1,519.4	58.4	1,213.6	56.1	1,811.5	64.7
Operations on the nervous system	38.9	2.5	36.4	2.4	41.3	3.0
Spinal tap	11.8	1.0	11.8	1.1	11.8	1.1
Operations on the endocrine system	3.5	0.2	2.4	0.3	4.6	0.3
Operations on the eye	4.5	0.7	5.0	0.8	4.0	0.7
Operations on the ear	2.1	0.4	2.6	0.5	1.7	0.4
Operations on the nose, mouth, and pharynx	10.5	0.8	12.1	1.0	9.0	0.8
Operations on the respiratory system	36.7	1.6	40.8	2.2	32.9	1.5
Bronchoscopy with or without biopsy	9.7	0.6	10.9	0.7	8.5	0.6
Operations on the cardiovascular system	212.0	11.3	252.2	14.3	173.7	9.1
Removal of coronary artery obstruction and insertion of stent(s)	33.9	2.9	44.5	3.6	23.7	2.3
Coronary artery bypass graft <sup>2</sup>	20.3	1.5	29.7	2.3	11.3	1.0
Cardiac catheterization	44.0	3.3	53.7	3.8	34.8	2.9
Insertion, replacement, removal, and revision of pacemaker leads or device 37.7–37.8	13.3	1.0	13.4	1.2	13.3	1.1
Hemodialysis	15.5	1.1	16.4	1.4	14.7	1.1
Operations on the hemic and lymphatic system	12.2	0.7	12.5	0.9	12.0	0.7
Operations on the digestive system	187.3	5.6	163.3	5.6	210.3	6.4
Endoscopy of small intestine with or without biopsy 45.11–45.14,45.16	32.7	1.2	31.0	1.4	34.2	1.4
Endoscopy of large intestine with or without biopsy	19.4	0.8	16.1	0.8	22.6	1.2
Partial excision of large intestine	8.9	0.4	8.4	0.5	9.3	0.6
Appendectomy, excluding incidental	10.2	0.5	11.7	0.7	8.7	0.5
Cholecystectomy	16.1	0.7	9.6	0.5	22.3	1.2
Lysis of peritoneal adhesions	11.3	0.5	4.4	0.3	17.9	0.9
Operations on the urinary system	34.6	1.7	35.2	2.3	34.1	1.7
Cystoscopy with or without biopsy	7.1	0.5	9.1	0.8	5.2	0.5
Operations on the male genital organs	10.9	0.8	22.3	1.7		
Prostatectomy	7.4	0.7	15.2	1.4		
Operations on the female genital organs	80.1	3.7			156.5	7.2
Oophorectomy and salpingo-oophorectomy	18.0	1.0			35.2	2.0
Bilateral destruction or occlusion of fallopian tubes	13.3	1.1			26.1	2.2
Hysterectomy	23.6	1.3			46.2	2.5
Obstetrical procedures	243.1	10.6			475.2	20.7
Episiotomy with or without forceps or vacuum extraction 72.1,72.21,72.31,72.71,73.6	44.7	2.5			87.3	4.8
Artificial rupture of membranes	29.8	2.3			58.3	4.6
Cesarean section	32.9	1.7			64.4	3.3
Repair of current obstetric laceration	40.0	1.7			78.2	3.4
Operations on the musculoskeletal system	119.3	5.5	116.3	5.5	122.1	5.9
Partial excision of bone	9.5	0.6	9.8	0.7	9.3	0.8
Reduction of fracture	22.3	1.2	21.2	1.3	23.5	1.2
Open reduction of fracture with internal fixation	15.2	0.8	13.3	0.9	17.1	1.0
Excision or destruction of intervertebral disc	11.4	0.8	12.2	1.0	10.7	0.8
Total hip replacement	5.9	0.4	5.1	0.5	6.6	0.5
Total knee replacement	9.7	0.6	7.4	0.6	12.0	0.9
Operations on the integumentary system	48.5	2.9	43.3	3.1	53.5	2.9
Debridement of wound, infection, or burn	12.3	0.7	14.6	0.9	10.0	0.6
Miscellaneous diagnostic and therapeutic procedures	475.1	31.6	469.4	31.6	480.7	32.1
Computerized axial tomography	36.1	3.5	34.7	3.5	37.5	3.7
Arteriography and angiocardiography using contrast material	71.8	5.0	83.6	5.9	60.5	4.4
Diagnostic ultrasound	41.1	3.8	36.6	3.6	45.4	4.2
Respiratory therapy	40.6	3.3	42.3	3.4	39.0	3.3
Insertion of endotracheal tube	14.6	0.6	15.0	0.8	14.2	0.7
	-					

<sup>\*</sup> Figure does not meet standard of reliability or precision.

<sup>. .</sup> Category not applicable.

<sup>&</sup>lt;sup>1</sup>SE is standard error of rate.

<sup>&</sup>lt;sup>2</sup>The rate per 10,000 population of discharges with a coronary artery bypass graft was 12.3.

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