

Table 10. Number of all-listed procedures for discharges from short-stay hospitals by procedure category and sex: United States, 2004[Discharges of inpatients from non-Federal hospitals. Excludes newborn infants. Diagnostic groupings and code numbers are based on the *International Classification of Diseases, 9th Revision, Clinical Modification (ICD-9-CM)*]

Category of first-listed diagnosis and ICD-9-CM code	Both sexes		Male		Female	
	Number	SE ¹	Number	SE ¹	Number	SE ¹
	Number in thousands					
All procedures	45,023	1,842	17,671	831	27,352	1,076
Operations on the nervous system 01-05	1,291	94	562	43	729	61
Spinal tap 03.31	357	31	181	18	176	15
Operations on the endocrine system 06-07	103	8	26	4	76	6
Operations on the eye 08-16	71	9	45	6	26	5
Operations on the ear 18-20	45	6	31	5	13	2
Operations on the nose, mouth, and pharynx 21-29	309	24	198	19	110	11
Operations on the respiratory system 30-34	1,045	54	572	35	473	24
Bronchoscopy with or without biopsy 33.21-33.24,33.27	270	16	145	10	125	9
Operations on the cardiovascular system 35-39	6,993	338	3,985	199	3,009	145
Balloon angioplasty of coronary artery or coronary atherectomy 36.01-36.02,36.05	664	50	438	32	226	20
Insertion of coronary artery stent(s) 36.06-36.07	615	48	412	31	203	19
Coronary artery bypass graft ² 36.1	427	31	303	25	124	10
Cardiac catheterization 37.21-37.23	1,297	80	771	47	526	34
Insertion, replacement, removal, and revision of pacemaker leads or device 37.7-37.8	362	26	179	14	183	16
Hemodialysis 39.95	607	42	297	22	311	23
Operations on the hemic and lymphatic system 40-41	341	19	160	11	180	12
Operations on the digestive system 42-54	5,824	229	2,447	105	3,377	137
Endoscopy of small intestine with or without biopsy 45.11-45.14,45.16	1,115	54	495	24	620	33
Endoscopy of large intestine with or without biopsy 45.21-45.25	596	30	240	14	356	20
Partial excision of large intestine 45.7	259	15	114	9	145	9
Appendectomy, excluding incidental 47.0	332	19	182	11	150	10
Cholecystectomy 51.2	435	21	136	9	299	16
Lysis of peritoneal adhesions 54.5	342	20	74	6	268	17
Operations on the urinary system 55-59	963	52	443	26	519	32
Cystoscopy with or without biopsy 57.31-57.33	145	10	68	6	77	7
Operations on the male genital organs 60-64	242	19	242	19	...	...
Prostatectomy 60.2-60.6	161	14	161	14	...	...
Operations on the female genital organs 65-71	2,050	98	...	...	2,050	98
Oophorectomy and salpingo-oophorectomy 65.3-65.6	451	25	...	...	451	25
Bilateral destruction or occlusion of fallopian tubes 66.2-66.3	357	25	...	...	357	25
Hysterectomy 68.3-68.7,68.9	617	32	...	...	617	32
Obstetrical procedures 72-75	6,971	369	...	...	6,971	369
Episiotomy with or without forceps or vacuum extraction 72.1,72.21,72.31,72.71,73.6	667	47	...	...	667	47
Artificial rupture of membranes 73.0	941	78	...	...	941	78
Medical induction of labor 73.4	573	37	...	...	573	37
Cesarean section 74.0-74.2,74.4,74.99	1,236	64	...	...	1,236	64
Repair of current obstetric laceration 75.5-75.6	1,241	63	...	...	1,241	63
Operations on the musculoskeletal system 76-84	4,040	221	1,902	102	2,138	126
Partial excision of bone 76.2-76.3,77.6-77.8	172	11	89	7	84	7
Reduction of fracture 76.7,79.0-79.3	667	33	321	19	347	19
Open reduction of fracture with internal fixation 79.3	441	24	197	15	244	15
Excision or destruction of intervertebral disc 80.5	326	25	162	13	164	15
Total hip replacement 81.51	234	21	99	11	135	12
Total knee replacement 81.54	478	41	167	20	311	24
Operations on the integumentary system 85-86	1,498	105	701	68	797	44
Debridement of wound, infection, or burn 86.22,86.28	368	32	207	22	161	13
Miscellaneous diagnostic and therapeutic procedures and new technologies ³ 87-99,00	13,239	778	6,357	397	6,882	390
Computerized axial tomography 87.03,87.41,87.71,88.01,88.38	828	121	389	59	439	64
Arteriography and angiocardiography using contrast material 88.4-88.5	2,110	124	1,171	71	938	59
Diagnostic ultrasound 88.7	813	89	368	39	444	52
Physical therapy procedures 93.1-93.3	415	59	168	24	247	36
Respiratory therapy 93.9,96.7	1,157	91	588	51	569	43
Insertion of endotracheal tube 96.04	511	23	258	14	253	12
Transfusion of blood and blood components 99.0	1,815	106	759	44	1,055	68
Injection or infusion of cancer chemotherapeutic substance 99.25	235	25	131	15	104	11

... Category not applicable.

¹SE is standard error.²The number of discharges with a coronary artery bypass graft was 249,000.³Chapter 00, Procedures and interventions not elsewhere classified, is included in this category. See "Data source."

Table 11. Rate of all-listed procedures for discharges from short-stay hospitals by procedure category and sex: United States, 2004[Discharges of inpatients from non-Federal hospitals. Excludes newborn infants. Diagnostic groupings and code numbers are based on the *International Classification of Diseases, 9th Revision, Clinical Modification (ICD-9-CM)*]

Category of first-listed diagnosis and ICD-9-CM code	Both sexes		Male		Female	
	Number	SE ¹	Number	SE ¹	Number	SE ¹
			Rate per 10,000 population ²			
All procedures	1,539.7	63.0	1,231.6	57.9	1,836.5	72.3
Operations on the nervous system 01-05	44.1	3.2	39.1	3.0	49.0	4.1
Spinal tap 03.31	12.2	1.1	12.6	1.3	11.8	1.0
Operations on the endocrine system 06-07	3.5	0.3	1.8	0.3	5.1	0.4
Operations on the eye 08-16	2.4	0.3	3.2	0.4	1.7	0.3
Operations on the ear 18-20	1.5	0.2	2.2	0.3	0.9	0.2
Operations on the nose, mouth, and pharynx 21-29	10.6	0.8	13.8	1.3	7.4	0.7
Operations on the respiratory system 30-34	35.7	1.8	39.9	2.4	31.7	1.6
Bronchoscopy with or without biopsy 33.21-33.24,33.27	9.2	0.5	10.1	0.7	8.4	0.6
Operations on the cardiovascular system 35-39	239.2	11.5	277.7	13.9	202.0	9.7
Balloon angioplasty of coronary artery or coronary atherectomy 36.01-36.02,36.05	22.7	1.7	30.5	2.2	15.1	1.4
Insertion of coronary artery stent(s) 36.06-36.07	21.0	1.6	28.7	2.2	13.6	1.2
Coronary artery bypass graft ³ 36.1	14.6	1.1	21.1	1.8	8.3	0.6
Cardiac catheterization 37.21-37.23	44.3	2.7	53.7	3.3	35.3	2.3
Insertion, replacement, removal, and revision of pacemaker leads or device 37.7-37.8	12.4	0.9	12.5	1.0	12.3	1.0
Hemodialysis 39.95	20.8	1.4	20.7	1.5	20.9	1.5
Operations on the hemic and lymphatic system 40-41	11.7	0.7	11.2	0.7	12.1	0.8
Operations on the digestive system 42-54	199.2	7.8	170.5	7.3	226.7	9.2
Endoscopy of small intestine with or without biopsy 45.11-45.14,45.16	38.1	1.8	34.5	1.7	41.6	2.2
Endoscopy of large intestine with or without biopsy 45.21-45.25	20.4	1.0	16.7	0.9	23.9	1.4
Partial excision of large intestine 45.7	8.8	0.5	7.9	0.6	9.7	0.6
Appendectomy, excluding incidental 47.0	11.3	0.6	12.7	0.8	10.0	0.7
Cholecystectomy 51.2	14.9	0.7	9.5	0.7	20.0	1.1
Lysis of peritoneal adhesions 54.5	11.7	0.7	5.2	0.4	18.0	1.1
Operations on the urinary system 55-59	32.9	1.8	30.9	1.8	34.9	2.1
Cystoscopy with or without biopsy 57.31-57.33	5.0	0.4	4.7	0.4	5.2	0.5
Operations on the male genital organs 60-64	8.3	0.6	16.8	1.3	...	...
Prostatectomy 60.2-60.6	5.5	0.5	11.2	0.9	...	...
Operations on the female genital organs 65-71	70.1	3.4	...	...	137.6	6.6
Oophorectomy and salpingo-oophorectomy 65.3-65.6	15.4	0.9	...	...	30.3	1.7
Bilateral destruction or occlusion of fallopian tubes 66.2-66.3	12.2	0.9	...	...	24.0	1.7
Hysterectomy 68.3-68.7,68.9	21.1	1.1	...	...	41.4	2.1
Obstetrical procedures 72-75	238.4	12.6	...	...	468.1	24.8
Episiotomy with or without forceps or vacuum extraction 72.1,72.21,72.31,72.71,73.6	22.8	1.6	...	...	44.8	3.1
Artificial rupture of membranes 73.0	32.2	2.7	...	...	63.2	5.2
Medical induction of labor 73.4	19.6	1.3	...	...	38.5	2.5
Cesarean section 74.0-74.2,74.4,74.99	42.3	2.2	...	...	83.0	4.3
Repair of current obstetric laceration 75.5-75.6	42.4	2.1	...	...	83.3	4.2
Operations on the musculoskeletal system 76-84	138.2	7.6	132.5	7.1	143.6	8.4
Partial excision of bone 76.2-76.3,77.6-77.8	5.9	0.4	6.2	0.5	5.6	0.5
Reduction of fracture 76.7,79.0-79.3	22.8	1.1	22.4	1.3	23.3	1.3
Open reduction of fracture with internal fixation 79.3	15.1	0.8	13.7	1.0	16.4	1.0
Excision or destruction of intervertebral disc 80.5	11.2	0.9	11.3	0.9	11.0	1.0
Total hip replacement 81.51	8.0	0.7	6.9	0.8	9.0	0.8
Total knee replacement 81.54	16.3	1.4	11.6	1.4	20.9	1.6
Operations on the integumentary system 85-86	51.2	3.6	48.8	4.8	53.5	2.9
Debridement of wound, infection, or burn 86.22,86.28	12.6	1.1	14.4	1.5	10.8	0.8
Miscellaneous diagnostic and therapeutic procedures and new technologies ⁴ 87-99,00	452.7	26.6	443.0	27.7	462.1	26.2
Computerized axial tomography 87.03,87.41,87.71,88.01,88.38	28.3	4.1	27.1	4.1	29.5	4.3
Arteriography and angiocardiology using contrast material 88.4-88.5	72.1	4.2	81.6	4.9	63.0	4.0
Diagnostic ultrasound 88.7	27.8	3.0	25.7	2.7	29.8	3.5
Physical therapy procedures 93.1-93.3	14.2	2.0	11.7	1.7	16.6	2.4
Respiratory therapy 93.9,96.7	39.6	3.1	41.0	3.6	38.2	2.9
Insertion of endotracheal tube 96.04	17.5	0.8	18.0	1.0	17.0	0.8
Transfusion of blood and blood components 99.0	62.1	3.6	52.9	3.1	70.9	4.6
Injection or infusion of cancer chemotherapeutic substance 99.25	8.0	0.8	9.2	1.0	7.0	0.8

... Category not applicable.

¹SE is standard error of rate.²Rates were calculated using U.S. Census Bureau 2000-based postcensal estimates of the civilian population as of July 1, 2004.³The rate per 10,000 population of discharges with a coronary artery bypass graft was 8.5.⁴Chapter 00, Procedures and interventions not elsewhere classified, is included in this category. See "Data source."