

Rate of all-listed procedures for discharges from short-stay hospitals by procedure category and age: United States, 2009

[Discharges of inpatients from short-stay nonfederal hospitals. Excludes newborn infants. Procedure groupings and code numbers are based on the *International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM)*]

Procedure category and ICD-9-CM code	All ages		Under 15 years		15-44 years		45-64 years		65 years and over		
	Rate	SE \1	Rate	SE \1	Rate	SE \1	Rate	SE \1	Rate	SE \1	
	Rate per 10,000 population \2										
All procedures \3	1,568.5	166.8	259.3	65.0	1,179.1	132.5	1,738.5	189.6	4,505.6	472.5	
Operations on the nervous system											
Spinal tap	01-05	40.9	6.1	29.1	8.0	23.6	3.9	44.5	7.0	106.7	16.9
Operations on the endocrine system	03.31	10.0	1.6	17.5	5.1	5.6	1.1	7.9	1.2	16.7	2.9
Operations on the eye	06-07	3.9	0.6	*	*	2.4	0.6	6.5	1.2	9.0	1.6
Operations on the ear	08-16	2.2	0.6	*	*	*1.2	*0.3	*	*	*	*
Operations on the nose, mouth, and pharynx	18-20	0.8	0.2	*	*	*	*	*	*	*	*
Operations on the respiratory system	21-29	9.4	1.4	9.4	2.7	7.4	1.3	9.3	1.8	16.1	3.1
Bronchoscopy with or without biopsy	30-34	42.3	5.1	6.1	1.8	14.1	2.1	57.3	7.4	158.0	19.5
Operations on the cardiovascular system	33.21-33.24,33.27,33.71,33.72,33.78,33.79	8.8	1.3	*	*	2.8	0.6	13.8	2.1	30.2	4.8
Balloon angioplasty of coronary artery or coronary atherectomy	35-39,00.49-00.51,00.53-00.55,00.57,00.61-00.66	240.3	28.8	23.7	6.8	57.2	7.0	327.8	40.8	982.0	118.9
Insertion of coronary artery stent(s)	00.66	19.8	2.9	*	*	2.3	0.5	32.2	4.8	81.0	12.1
Coronary artery bypass graft \4	36.06-36.07	17.3	2.5	*	*	2.1	0.5	27.2	4.2	72.5	11.1
Cardiac catheterization	36.1	13.6	2.2	*	*	*	*	20.3	3.8	60.6	9.8
Insertion, replacement, removal, and revision of pacemaker leads or device	37.21-37.23	35.0	4.6	*	*	6.4	1.0	56.7	7.5	135.6	18.6
Hemodialysis	37.7-37.8,00.50,00.53,00.57	13.0	1.7	*	*	*	*	5.9	1.2	82.9	11.2
Operations on the hemic and lymphatic system	39.95	21.8	2.4	*	*	7.8	1.3	32.3	4.0	78.9	8.3
Operations on the digestive system	40-41	13.5	1.8	*	*	5.4	0.9	21.0	3.1	42.4	6.3
Endoscopy of small intestine with or without biopsy	42-54,17.1-17.3	201.0	21.8	34.6	8.0	108.5	12.7	264.1	29.6	627.0	68.8
Endoscopy of large intestine with or without biopsy	45.11-45.14,45.16	35.8	4.0	*	*	14.4	1.9	45.0	5.4	138.2	16.1
Partial excision of large intestine	45.21-45.25	17.2	1.8	*	*	6.7	1.1	19.5	2.2	70.7	7.8
Appendectomy, excluding incidental	45.7,17.3	8.3	1.1	*	*	2.3	0.5	12.0	1.8	32.4	4.4
Cholecystectomy	47.0	10.4	1.5	10.5	3.0	13.4	2.0	7.4	1.0	7.2	1.2
Lysis of peritoneal adhesions	51.2	14.3	1.5	*	*	12.4	1.5	18.5	2.2	32.7	4.0
Operations on the urinary system	54.5	11.6	1.3	*	*	10.1	1.3	14.7	2.0	27.9	3.6
Cystoscopy with or without biopsy	55-59	36.9	4.2	*	*	16.6	2.1	45.0	5.7	135.0	16.9
Operations on the male genital organs	57.31-57.33	4.2	0.5	*	*	1.8	0.4	6.0	1.0	14.4	1.9
Prostatectomy	60-64	7.7	1.2	*	*	*1.0	*0.3	10.6	2.3	27.6	3.7
Operations on the female genital organs	60.2-60.6	5.2	0.9	*	*	*	*	8.8	2.1	22.1	3.2
Oophorectomy and salpingo-oophorectomy	65-71	54.4	6.9	*	*	71.3	9.5	69.4	9.7	54.2	8.5
Bilateral destruction or occlusion of fallopian tubes	65.3-65.6	10.9	1.5	*	*	8.8	1.3	21.4	3.3	13.0	2.2
Hysterectomy	66.2-66.3	9.5	1.6	*	*	23.2	3.9	*	*	*	*
Obstetrical procedures	68.3-68.7,68.9	16.1	2.1	*	*	17.0	2.5	28.6	4.1	13.6	2.2
Episiotomy with or without forceps or vacuum extraction	72-75	240.0	28.9	*	*	584.7	70.2	*	*	...	...
Artificial rupture of membranes	72.1,72.21,72.31,72.71,73.6	10.0	1.3	*	*	24.5	3.1	*	*	...	...
Medical induction of labor	73.0	31.5	4.9	*	*	76.9	12.1	*	*	...	...
Cesarean section	73.4	22.7	3.1	*	*	55.2	7.6	*	*	...	...
Repair of current obstetric laceration	74.0-74.2,74.4,74.99	43.5	5.3	*	*	105.6	12.9	*	*	...	...
Operations on the musculoskeletal system	75.5-75.6	43.8	5.1	*	*	106.6	12.4	*	*	...	...
Partial excision of bone	76-84,00.70-00.77,00.80-00.84,00.85-00.87	169.3	21.2	*	*	73.1	9.7	264.1	35.1	513.4	63.8
Reduction of fracture	76.2-76.3,77.6-77.8	9.4	1.7	*	*	4.5	0.9	17.5	3.2	20.7	4.3
Open reduction of fracture with internal fixation	76.7,79.0-79.3	20.3	2.5	6.3	1.7	13.4	2.2	19.0	2.6	66.5	9.0
Excision or destruction of intervertebral disc	79.3	13.2	1.6	*	*	8.2	1.3	13.6	1.9	44.3	6.1
Total hip replacement	80.5	10.7	1.7	*	*	7.6	1.2	20.1	3.4	18.2	3.6
Total knee replacement	81.51,00.85	10.7	1.5	*	*	1.3	0.3	19.2	3.2	40.0	5.6
	81.54	22.1	3.1	*	*	*	*	38.2	5.7	91.9	12.5

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	Rate per 10,000 population \2										
Operations on the integumentary system	85-86	46.5	5.0	11.6	2.6	31.9	4.4	65.1	7.3	110.1	12.3
Debridement of wound, infection, or burn	86.22,86.28	9.2	1.1	*1.9	*0.4	5.6	1.2	12.2	1.6	26.2	3.1
Miscellaneous diagnostic and therapeutic procedures and new technologies \5	87-99,00,17.4	462.4	48.6	106.2	28.1	181.4	22.0	552.8	58.1	1,726.2	176.8
Computerized axial tomography	87.03,87.41,87.71,88.01,88.38	16.3	3.5	*	*	7.0	1.6	20.5	4.2	56.4	13.2
Arteriography and angiocardiography using contrast material	88.4-88.5	62.8	8.1	*	*	12.9	1.9	99.5	12.9	243.4	32.8
Diagnostic ultrasound	88.7,00.21-00.25,00.28-00.29	29.5	5.2	*	*	9.7	1.7	32.6	5.0	122.6	21.7
Physical therapy procedures	93.1-93.3	7.4	1.7	*	*	*	*	6.0	1.3	40.1	10.2
Respiratory therapy	93.9,96.7,00.12	41.7	4.9	17.4	3.6	13.2	2.0	48.9	6.2	155.5	18.4
Insertion of endotracheal tube	96.04	20.1	2.3	6.5	1.9	7.6	1.1	23.8	3.2	73.2	8.6
Transfusion of blood and blood components	99.0	77.1	9.2	*	*	21.9	3.2	77.1	10.6	358.0	43.9
Injection or infusion of cancer chemotherapeutic substance	99.25,00.10	7.3	1.2	*	*	3.3	0.7	10.1	1.6	16.1	2.8

* Figure does not meet standard of reliability or precision.

... Category not applicable.

\1 SE is standard error of rate.

\2 Rates were calculated using U.S. Census Bureau 2000-based postcensal estimates of the civilian population as of July 1, 2009.

\3 In 2002, the Chapter 00 codes were established. For reporting purposes, between 2003 and 2005, all Chapter 00 codes were grouped with the miscellaneous diagnostic and therapeutic procedures and new technologies category. Beginning in 2006, the 00 codes are included in the categories and chapters of their previous codes, where applicable.

\4 The rate per 10,000 population of discharges with a coronary artery bypass graft was 7.9.

\5 Chapter 00 codes included in this category: 00.01-00.03, 00.09-00.19, 00.21-00.25, 00.28-00.29, 00.31-00.35, 00.39, 00.40-00.48, 00.52, 00.56, 00.58-00.59, 00.67-00.69, 00.91-00.94.