

Number, rate, and *standard error* of all-listed surgical and nonsurgical procedures for discharges from short-stay hospitals, by selected procedure categories: United States, 2009

[Discharges of inpatients from 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	Number in thousands	Rate per 10,000 population \1	
Surgical procedures \2	29,215	955.4	
Repair of current obstetric laceration	75.5-75.6	1,339	43.8
Cesarean section	74.0-74.2,74.4,74.99	1,329	43.5
Cardiac catheterization	37.21-37.23	1,071	35.0
Artificial rupture of membranes	73.0	962	31.5
Total knee replacement	81.54	676	22.1
Reduction of fracture	76.7,79.0-79.3	621	20.3
Open reduction of fracture with internal fixation	79.3	403	13.2
Endoscopy of small intestine with biopsy	45.14,45.16	615	20.1
Balloon angioplasty of coronary artery or coronary atherectomy	00.66	605	19.8
Insertion of coronary artery stent(s)	36.06-36.07	528	17.3
Hysterectomy	68.3-68.7,68.9	494	16.1
Cholecystectomy	51.2	438	14.3
Coronary artery bypass graft	36.1	415	13.6
Insertion, replacement, removal, and revision of pacemaker leads or device	37.7-37.8,00.50,00.53,00.57	397	13.0
Lysis of peritoneal adhesions	54.5	356	11.6
Oophorectomy and salpingo-oophorectomy	65.3-65.6	333	10.9
Excision or destruction of intervertebral disc	80.5	327	10.7
Total hip replacement	81.51,00.85	327	10.7
Appendectomy, excluding incidental	47.0	319	10.4
Episiotomy with or without forceps or vacuum extraction	72.1,72.21,72.31,72.71,73.6	307	10.0
Bilateral destruction or occlusion of fallopian tubes	66.2-66.3	291	9.5
Partial excision of bone	76.2-76.3,77.6-77.8	287	9.4
Debridement of wound, infection, or burn	86.22,86.28	283	9.2
Partial excision of large intestine	45.7,17.3	254	8.3
Endoscopy of large intestine with biopsy	45.25	202	6.6
Bronchoscopy with biopsy	33.24,33.27,33.71,33.72,33.78-33.79	190	6.2
Prostatectomy	60.2-60.6	158	5.2
Cystoscopy with biopsy	57.33	6	0.2
Nonsurgical procedures \3	18,748	613.1	
Transfusion of blood and blood components	99.0	2,357	77.1
Arteriography and angiocardiology using contrast material	88.4-88.5	1,921	62.8
Respiratory therapy	93.9,96.7,00.12	1,276	41.7
Diagnostic ultrasound \4	88.7	885	28.9
Medical induction of labor	73.4	693	22.7
Hemodialysis	39.95	666	21.8
Insertion of endotracheal tube	96.04	613	20.1
Computerized axial tomography	87.03,87.41,87.71,88.01,88.38	497	16.3
Endoscopy of small intestine without biopsy	45.11-45.13	480	15.7
Endoscopy of large intestine without biopsy	45.21-45.24	323	10.6
Spinal tap	03.31	307	10.0
Physical therapy procedures	93.1-93.3	228	7.4
Injection or infusion of cancer chemotherapeutic substance \4	99.25	222	7.2
Cystoscopy without biopsy	57.31-57.32	124	4.0
Bronchoscopy without biopsy	33.21-33.23	77	2.5

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Procedure category and ICD-9-CM code	Standard error	Number in thousands	Rate per 10,000 population \1
Surgical procedures \2		3,275.1	107.1
Repair of current obstetric laceration	75.5-75.6	155.7	5.1
Cesarean section	74.0-74.2,74.4,74.99	162.4	5.3
Cardiac catheterization	37.21-37.23	141.7	4.6
Artificial rupture of membranes	73.0	151.0	4.9
Total knee replacement	81.54	93.5	3.1
Reduction of fracture	76.7,79.0-79.3	77.7	2.5
Open reduction of fracture with internal fixation	79.3	50.2	1.6
Endoscopy of small intestine with biopsy	45.14,45.16	69.3	2.3
Balloon angioplasty of coronary artery or coronary atherectomy	00.66	87.3	2.9
Insertion of coronary artery stent(s)	36.06-36.07	77.7	2.5
Hysterectomy	68.3-68.7,68.9	65.6	2.1
Cholecystectomy	51.2	44.9	1.5
Coronary artery bypass graft	36.1	67.7	2.2
Insertion, replacement, removal, and revision of pacemaker leads or device	37.7-37.8,00.50,00.53,00.57	52.5	1.7
Lysis of peritoneal adhesions	54.5	41.1	1.3
Oophorectomy and salpingo-oophorectomy	65.3-65.6	45.7	1.5
Excision or destruction of intervertebral disc	80.5	50.6	1.7
Total hip replacement	81.51,00.85	47.3	1.5
Appendectomy, excluding incidental	47.0	45.4	1.5
Episiotomy with or without forceps or vacuum extraction	72.1,72.21,72.31,72.71,73.6	39.3	1.3
Bilateral destruction or occlusion of fallopian tubes	66.2-66.3	49.5	1.6
Partial excision of bone	76.2-76.3,77.6-77.8	51.0	1.7
Debridement of wound, infection, or burn	86.22,86.28	33.3	1.1
Partial excision of large intestine	45.7,17.3	32.9	1.1
Endoscopy of large intestine with biopsy	45.25	23.7	0.8
Bronchoscopy with biopsy	33.24,33.27,33.71,33.72,33.78-33.79	28.5	0.9
Prostatectomy	60.2-60.6	28.0	0.9
Cystoscopy with biopsy	57.33	1.5	0.1
Nonsurgical procedures \3		1,948.5	63.7
Transfusion of blood and blood components	99.0	282.0	9.2
Arteriography and angiocardiology using contrast material	88.4-88.5	246.3	8.1
Respiratory therapy	93.9,96.7,00.12	149.9	4.9
Diagnostic ultrasound \4	88.7	158.1	5.2
Medical induction of labor	73.4	95.3	3.1
Hemodialysis	39.95	73.6	2.4
Insertion of endotracheal tube	96.04	71.3	2.3
Computerized axial tomography	87.03,87.41,87.71,88.01,88.38	106.8	3.5
Endoscopy of small intestine without biopsy	45.11-45.13	60.6	2.0
Endoscopy of large intestine without biopsy	45.21-45.24	36.1	1.2
Spinal tap	03.31	50.4	1.6

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Procedure category and ICD-9-CM code	Number in thousands	Rate per 10,000 population \1
<i>Physical therapy procedures</i>	93.1-93.3	52.3
<i>Injection or infusion of cancer chemotherapeutic substance \4</i>	99.25	35.6
<i>Cystoscopy without biopsy</i>	57.31-57.32	15.5
<i>Bronchoscopy without biopsy</i>	33.21-33.23	12.8

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

\2 Includes data for surgical procedures not shown in table. All procedures except those listed under "nonsurgical procedures" in the note below are surgical procedures.

\3 Includes data for nonsurgical procedures not shown in table. The ICD-9-CM codes for nonsurgical procedures are listed in the note below.

\4 Estimates and rates of nonsurgical procedures for these categories differ from estimates and rates for the same categories included in the other tables or reports showing all-listed procedures because these categories include both surgical and nonsurgical procedure codes.

NOTE: All procedures except the following ICD-9-CM codes are surgical procedures:

00.01, 00.02, 00.03, 00.09, 00.11, 00.12, 00.13, 00.14, 00.15, 00.17, 00.18, 00.19, 00.49, 00.58, 00.59, 00.67, 00.68, 00.69, 01.18, 01.19, 03.31, 03.39, 04.19, 05.19, 06.19, 07.19, 08.19, 09.19, 09.41, 09.42, 09.43, 09.44, 09.49, 10.29, 11.29, 12.29, 14.19, 15.09, 16.21, 16.29, 18.01, 18.11, 18.19, 20.31, 20.39, 21.00, 21.01, 21.02, 21.21, 21.29, 22.19, 24.19, 25.09, 26.19, 27.29, 28.19, 29.11, 29.19, 31.41, 31.42, 31.48, 31.49, 33.21, 33.22, 33.23, 33.29, 33.72, 34.21, 34.22, 34.28, 34.29, 37.20, 37.26, 37.27, 37.28, 37.29, 38.23, 38.29, 39.95, 40.19, 41.38, 41.39, 42.22, 42.23, 42.29, 44.11, 44.12, 44.13, 44.19, 44.32, 45.11, 45.12, 45.13, 45.19, 45.21, 45.22, 45.23, 45.24, 45.28, 45.29, 48.21, 48.22, 48.23, 48.29, 49.21, 49.29, 50.19, 51.10, 51.11, 51.19, 52.19, 54.21, 54.29, 55.21, 55.22, 55.29, 56.31, 56.35, 56.39, 57.31, 57.32, 57.39, 57.94, 57.95, 58.21, 58.22, 58.29, 59.29, 60.18, 60.19, 61.19, 62.19, 63.09, 64.19, 64.94, 65.19, 66.19, 67.19, 68.11, 68.19, 69.92, 70.21, 70.22, 70.29, 71.19, 73.4-, 73.51, 73.59, 73.91, 73.92, 75.31, 75.32, 75.34, 75.35, 75.38, 75.94, 76.19, 78.80, 78.81, 78.82, 78.83, 78.84, 78.85, 78.86, 78.87, 78.88, 78.89, 80.20, 80.21, 80.22, 80.23, 80.24, 80.25, 80.26, 80.27, 80.28, 80.29, 81.98, 83.29, 84.41, 84.42, 84.43, 84.45, 84.46, 84.47, 85.19, 86.19, 86.92, 87.01-99.99.