

Number, rate, and standard error of all-listed surgical and nonsurgical procedures for discharges from short-stay hospitals, by selected procedure categories: United States, 2007

[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	27,111	902.3	
Cesarean section	74.0-74.2,74.4,74.99	1,339	44.6
Repair of current obstetric laceration	75.5-75.6	1,261	42.0
Cardiac catheterization	37.21-37.23	1,061	35.3
Artificial rupture of membranes	73.0	887	29.5
Reduction of fracture	76.7,79.0-79.3	677	22.5
Open reduction of fracture with internal fixation	79.3	453	15.1
Balloon angioplasty of coronary artery or coronary atherectomy	00.66	618	20.6
Endoscopy of small intestine with biopsy	45.14,45.16	608	20.2
Insertion of coronary artery stent(s)	36.06-36.07	560	18.6
Total knee replacement	81.54	543	18.1
Hysterectomy	68.3-68.7,68.9	517	17.2
Episiotomy with or without forceps or vacuum extraction	72.1,72.21,72.31,72.71,73.6	443	14.7
Coronary artery bypass graft	36.1	405	13.5
Cholecystectomy	51.2	403	13.4
Debridement of wound, infection, or burn	86.22,86.28	377	12.6
Oophorectomy and salpingo-oophorectomy	65.3-65.6	366	12.2
Insertion, replacement, removal, and revision of pacemaker leads or device	37.7-37.8,00.50,00.53,00.57	358	11.9
Lysis of peritoneal adhesions	54.5	357	11.9
Appendectomy, excluding incidental	47.0	326	10.9
Bilateral destruction or occlusion of fallopian tubes	66.2-66.3	325	10.8
Excision or destruction of intervertebral disc	80.5	310	10.3
Partial excision of large intestine	45.7	258	8.6
Total hip replacement	81.51,00.85	230	7.7
Endoscopy of large intestine with biopsy	45.25	213	7.1
Partial excision of bone	76.2-76.3,77.6-77.8	184	6.1
Bronchoscopy with biopsy	33.24,33.27	182	6.0
Prostatectomy	60.2-60.6	156	5.2
Cystoscopy with biopsy	57.33	8	0.3
Nonsurgical procedures \3	17,882	595.2	
Transfusion of blood and blood components	99.0	2,058	68.5
Arteriography and angiocardiology using contrast material	88.4-88.5	1,861	61.9
Respiratory therapy	93.9,96.7,00.12	1,093	36.4
Diagnostic ultrasound \4	88.7,00.21-00.25,00.28,00.29	861	28.7
Hemodialysis	39.95	679	22.6
Medical induction of labor	73.4	670	22.3
Computerized axial tomography	87.03,87.41,87.71,88.01,88.38	632	21.0

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Insertion of endotracheal tube	17.0	511
Endoscopy of small intestine without biopsy	13.2	398
Physical therapy procedures	12.2	368
Spinal tap	11.3	338
Endoscopy of large intestine without biopsy	9.9	297
Injection or infusion of cancer chemotherapeutic substance \4	7.0	210
Cystoscopy without biopsy	3.9	118
Bronchoscopy without biopsy	2.6	77
<i>Standard error</i>		
<i>Surgical procedures \2</i>	39.7	1,193.6
<i>Cesarean section</i>	2.4	73.3
<i>Repair of current obstetric laceration</i>	2.2	64.8
<i>Cardiac catheterization</i>	2.1	64.0
<i>Artificial rupture of membranes</i>	2.3	68.2
<i>Reduction of fracture</i>	1.4	43.0
<i>Open reduction of fracture with internal fixation</i>	0.9	28.5
<i>Balloon angioplasty of coronary artery or coronary atherectomy</i>	1.6	48.0
<i>Endoscopy of small intestine with biopsy</i>	1.1	33.4
<i>Insertion of coronary artery stent(s)</i>	1.5	45.1
<i>Total knee replacement</i>	1.4	42.9
<i>Hysterectomy</i>	1.1	33.1
<i>Episiotomy with or without forceps or vacuum extraction</i>	1.1	32.7
<i>Coronary artery bypass graft</i>	1.1	33.8
<i>Cholecystectomy</i>	0.6	17.6
<i>Debridement of wound, infection, or burn</i>	1.4	42.1
<i>Oophorectomy and salpingo-oophorectomy</i>	0.7	22.5
<i>Insertion, replacement, removal, and revision of pacemaker leads or device</i>	0.7	21.6
<i>Lysis of peritoneal adhesions</i>	0.6	19.0
<i>Appendectomy, excluding incidental</i>	0.8	22.6
<i>Bilateral destruction or occlusion of fallopian tubes</i>	0.8	23.2
<i>Excision or destruction of intervertebral disc</i>	0.8	24.3
<i>Partial excision of large intestine</i>	0.5	14.9
<i>Total hip replacement</i>	0.6	17.9
<i>Endoscopy of large intestine with biopsy</i>	0.4	12.1
<i>Partial excision of bone</i>	0.4	12.9
<i>Bronchoscopy with biopsy</i>	0.5	13.9
<i>Prostatectomy</i>	0.6	16.7
<i>Cystoscopy with biopsy</i>	0.0	1.1

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Procedure category and ICD-9-CM code	Number in thousands	Rate per 10,000 population \1
<i>Nonsurgical procedures \3</i>	778.9	25.9
<i>Transfusion of blood and blood components</i>	99.0	114.9
<i>Arteriography and angiocardiology using contrast material</i>	88.4-88.5	101.9
<i>Respiratory therapy</i>	93.9,96.7,00.12	64.6
<i>Diagnostic ultrasound \4</i>	88.7,00.21-00.25,00.28,00.29	97.0
<i>Hemodialysis</i>	39.95	49.9
<i>Medical induction of labor</i>	73.4	47.0
<i>Computerized axial tomography</i>	87.03,87.41,87.71,88.01,88.38	117.7
<i>Insertion of endotracheal tube</i>	96.04	27.9
<i>Endoscopy of small intestine without biopsy</i>	45.11-45.13	23.9
<i>Physical therapy procedures</i>	93.1-93.3	63.0
<i>Spinal tap</i>	03.31	41.1
<i>Endoscopy of large intestine without biopsy</i>	45.21-45.24	15.0
<i>Injection or infusion of cancer chemotherapeutic substance \4</i>	99.25,00.10	18.6
<i>Cystoscopy without biopsy</i>	57.31-57.32	9.2
<i>Bronchoscopy without biopsy</i>	33.21-33.23	8.0

\1 Rates were calculated using U.S. Census Bureau 2000-based postcensal estimates of the civilian population as of July 1, 2007.

\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 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-M 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, 01.18, 01.19, 03.31, 03.39, 04.19, 05.19, 06.19, 07.19, 08.19, 09.1
 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, 21.2
 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, 34.21, 34.22, 34.28, 34.29, 37.20, 37.2
 37.27, 37.28, 37.29, 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, 45.2
 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, 56.3
 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, 68.1
 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, 78.8
 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, 84.4
 84.47, 85.19, 86.19, 86.92, 87.01-99.99.