

Rate of all-listed procedures for discharges from short-stay hospitals by procedure category and age: United States, 2008

[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 | 1,562.9 | 168.8 | 262.2 | 67.3 | 1,193.9 | 131.6 | 1,714.6 | 192.9 | 4,489.8 | 480.2 | |
| Operations on the nervous system | 01-05 | 41.6 | 6.1 | * | * | 27.8 | 4.4 | 50.1 | 7.4 | 85.0 | 13.5 |
| Spinal tap | 03.31 | 11.4 | 1.9 | * | * | 6.1 | 0.9 | 10.3 | 1.6 | 12.6 | 2.1 |
| Operations on the endocrine system | 06-07 | 4.1 | 0.6 | * | * | 2.7 | 0.6 | 5.5 | 1.1 | 11.5 | 1.9 |
| Operations on the eye | 08-16 | 2.8 | 0.7 | * | * | *1.4 | *0.4 | * | * | * | * |
| Operations on the ear | 18-20 | 1.2 | 0.3 | * | * | * | * | * | * | * | * |
| Operations on the nose, mouth, and pharynx | 21-29 | 9.5 | 1.5 | * | * | 6.2 | 1.0 | 10.3 | 1.8 | 15.8 | 2.7 |
| Operations on the respiratory system | 30-34 | 39.2 | 4.5 | 8.6 | 2.3 | 13.2 | 1.9 | 49.3 | 6.6 | 151.0 | 17.5 |
| Bronchoscopy with or without biopsy | 33.21-33.24,33.27,33.71,33.78,33.79 | 9.4 | 1.3 | * | * | 2.7 | 0.4 | 12.6 | 2.0 | 35.8 | 5.6 |
| Operations on the cardiovascular system | 35-39,00.50-00.51,00.53-00.55,00.57,00.61-00.66 | 242.1 | 29.6 | * | * | 56.8 | 7.3 | 340.8 | 44.0 | 981.9 | 120.6 |
| Balloon angioplasty of coronary artery or coronary atherectomy | 00.66 | 20.5 | 2.9 | * | * | 2.4 | 0.5 | 35.4 | 5.4 | 80.7 | 11.6 |
| Insertion of coronary artery stent(s) | 36.06-36.07 | 17.5 | 2.6 | * | * | 2.3 | 0.5 | 30.5 | 4.9 | 67.9 | 10.3 |
| Coronary artery bypass graft \4 | 36.1 | 14.2 | 2.3 | * | * | * | * | 23.8 | 4.6 | 60.9 | 10.5 |
| Cardiac catheterization | 37.21-37.23 | 36.6 | 4.8 | * | * | 6.4 | 0.8 | 61.9 | 8.5 | 139.4 | 19.3 |
| Insertion, replacement, removal, and revision of pacemaker leads or device | 37.7-37.8,00.50,00.53,00.57 | 12.8 | 1.6 | * | * | * | * | 6.1 | 1.4 | 82.9 | 10.5 |
| Hemodialysis | 39.95 | 23.2 | 2.6 | * | * | 8.0 | 1.1 | 34.6 | 4.5 | 85.2 | 11.0 |
| Operations on the hemic and lymphatic system | 40-41 | 14.0 | 1.9 | * | * | 4.6 | 0.8 | 23.5 | 3.4 | 44.8 | 6.3 |
| Operations on the digestive system | 42-54 | 194.9 | 20.7 | 39.1 | 11.0 | 98.3 | 10.7 | 249.3 | 27.2 | 641.1 | 69.4 |
| Endoscopy of small intestine with or without biopsy | 45.11-45.14,45.16 | 35.2 | 3.9 | *1.7 | *0.5 | 14.0 | 1.9 | 41.6 | 4.8 | 143.4 | 15.9 |
| Endoscopy of large intestine with or without biopsy | 45.21-45.25 | 17.4 | 1.9 | * | * | 5.4 | 0.8 | 19.3 | 2.3 | 78.1 | 8.7 |
| Partial excision of large intestine | 45.7 | 9.7 | 1.2 | * | * | 3.1 | 0.5 | 13.6 | 2.1 | 37.6 | 4.8 |
| Appendectomy, excluding incidental | 47.0 | 9.8 | 1.4 | * | * | 11.0 | 1.4 | 7.5 | 1.2 | 6.6 | 1.2 |
| Cholecystectomy | 51.2 | 14.4 | 1.6 | * | * | 11.6 | 1.4 | 17.5 | 2.2 | 38.6 | 5.1 |
| Lysis of peritoneal adhesions | 54.5 | 11.7 | 1.5 | * | * | 9.1 | 1.3 | 16.5 | 2.1 | 27.5 | 4.4 |
| Operations on the urinary system | 55-59 | 36.0 | 4.1 | * | * | 16.7 | 2.1 | 45.9 | 5.2 | 127.5 | 16.5 |
| Cystoscopy with or without biopsy | 57.31-57.33 | 4.5 | 0.6 | * | * | 2.4 | 0.5 | 4.6 | 0.7 | 17.7 | 2.6 |
| Operations on the male genital organs | 60-64 | 7.4 | 1.0 | * | * | *1.2 | *0.3 | 9.2 | 1.5 | 28.4 | 3.9 |
| Prostatectomy | 60.2-60.6 | 4.8 | 0.7 | * | * | * | * | 7.9 | 1.5 | 21.8 | 3.2 |
| Operations on the female genital organs | 65-71 | 60.3 | 7.4 | * | * | 78.5 | 9.8 | 81.3 | 11.2 | 52.9 | 7.0 |
| Oophorectomy and salpingo-oophorectomy | 65.3-65.6 | 12.8 | 1.6 | * | * | 11.3 | 1.7 | 25.2 | 3.5 | 12.3 | 1.6 |
| Bilateral destruction or occlusion of fallopian tubes | 66.2-66.3 | 9.8 | 1.4 | * | * | 23.7 | 3.4 | * | * | * | * |
| Hysterectomy | 68.3-68.7,68.9 | 19.3 | 2.5 | * | * | 20.4 | 2.8 | 36.0 | 5.1 | 12.5 | 1.8 |
| Obstetrical procedures | 72-75 | 247.1 | 28.6 | * | * | 597.1 | 69.0 | * | * | ... | ... |
| Episiotomy with or without forceps or vacuum extraction | 72.1,72.21,72.31,72.71,73.6 | 13.2 | 1.8 | * | * | 31.9 | 4.3 | * | * | ... | ... |
| Artificial rupture of membranes | 73.0 | 31.5 | 4.4 | * | * | 76.1 | 10.7 | * | * | ... | ... |
| Medical induction of labor | 73.4 | 24.4 | 3.6 | * | * | 58.9 | 8.6 | * | * | ... | ... |
| Cesarean section | 74.0-74.2,74.4,74.99 | 44.6 | 5.4 | * | * | 107.8 | 13.1 | * | * | ... | ... |
| Repair of current obstetric laceration | 75.5-75.6 | 43.7 | 5.0 | * | * | 105.7 | 12.1 | * | * | ... | ... |
| Operations on the musculoskeletal system | 76-84,00.70-00.77,00.80-00.84,00.85-00.87 | 166.5 | 21.5 | 21.9 | 6.0 | 81.5 | 11.3 | 239.4 | 32.4 | 520.6 | 68.3 |
| Partial excision of bone | 76.2-76.3,77.6-77.8 | 9.7 | 1.7 | * | * | 5.2 | 1.0 | 16.2 | 2.8 | 24.4 | 5.2 |
| Reduction of fracture | 76.7,79.0-79.3 | 23.6 | 3.0 | 7.2 | 1.5 | 17.9 | 3.0 | 21.4 | 3.4 | 72.5 | 8.3 |
| Open reduction of fracture with internal fixation | 79.3 | 15.6 | 1.9 | * | * | 10.4 | 1.7 | 15.9 | 2.4 | 51.5 | 5.9 |
| Excision or destruction of intervertebral disc | 80.5 | 11.3 | 1.8 | * | * | 8.9 | 1.5 | 20.1 | 3.4 | 18.7 | 3.9 |
| Total hip replacement | 81.51,00.85 | 8.9 | 1.4 | * | * | *1.0 | *0.2 | 14.6 | 2.5 | 37.0 | 5.9 |
| Total knee replacement | 81.54 | 21.3 | 2.9 | * | * | *0.7 | *0.2 | 32.3 | 4.6 | 99.0 | 13.8 |
| Operations on the integumentary system | 85-86 | 46.3 | 5.0 | 12.0 | 3.0 | 31.2 | 3.7 | 62.9 | 7.1 | 115.5 | 13.1 |
| Debridement of wound, infection, or burn | 86.22,86.28 | 10.0 | 1.2 | *1.0 | *0.3 | 5.7 | 0.9 | 14.6 | 2.2 | 28.7 | 3.6 |

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|--|-------------------------------|-------|----------------|-------|-------------|-------|-------------|-------|-------------------|-------|
| | Rate | SE \1 | Rate | SE \1 | Rate | SE \1 | Rate | SE \1 | Rate | SE \1 |
| | Rate per 10,000 population \2 | | | | | | | | | |
| Miscellaneous diagnostic and therapeutic procedures and new technologies \5 87-99,00 | 449.9 | 48.2 | 96.0 | 23.8 | 176.1 | 19.6 | 540.5 | 59.3 | 1,704.5 | 178.8 |
| Computerized axial tomography 87.03,87.41,87.71,88.01,88.38 | 19.3 | 5.3 | * | * | 8.1 | 2.0 | 22.8 | 5.7 | * | * |
| Arteriography and angiocardiography using contrast material 88.4-88.5 | 65.9 | 8.3 | * | * | 14.7 | 2.0 | 102.1 | 13.7 | 260.2 | 33.3 |
| Diagnostic ultrasound 88.7,00.21-00.25,00.28-00.29 | 29.6 | 5.8 | * | * | 10.5 | 2.0 | 36.3 | 6.1 | 115.4 | 23.3 |
| Physical therapy procedures 93.1-93.3 | 10.7 | 3.2 | * | * | * | * | * | * | * | * |
| Respiratory therapy 93.9,96.7,00.12 | 39.0 | 4.5 | 17.8 | 4.4 | 12.4 | 1.7 | 45.1 | 5.7 | 145.7 | 15.9 |
| Insertion of endotracheal tube 96.04 | 20.1 | 2.3 | 7.0 | 2.0 | 7.2 | 1.0 | 22.3 | 3.0 | 77.5 | 8.6 |
| Transfusion of blood and blood components 99.0 | 75.2 | 9.6 | * | * | 22.3 | 3.4 | 78.6 | 10.6 | 345.2 | 44.7 |
| Injection or infusion of cancer chemotherapeutic substance 99.25,00.10 | 8.0 | 1.3 | * | * | 3.1 | 0.7 | 14.7 | 3.4 | 19.5 | 2.9 |

* 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, 2008.

\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 8.0.

\5 Chapter 00 codes included in this category: 00.01-00.03, 00.09, 00.10-00.19, 00.21-00.25, 00.28-00.29, 00.31-00.35, 00.39, 00.40-00.48, 00.52, 00.56, 00.91-00.94.