

Table 5. Number of all-listed procedures for discharges from short-stay hospitals by procedure category, sex, and age: United States, 1994[Discharges of inpatients from non-Federal hospitals. Excludes newborn infants. Procedure groupings and code numbers are based on the *International Classification of Diseases, 9th Revision, Clinical Modification (ICD-9-CM)*]

| Procedure category and ICD-9-CM code | Sex | | | Age | | | |
|--|---------------------|--------|--------|----------------|-------------|-------------|-------------------|
| | Total | Male | Female | Under 15 years | 15-44 years | 45-64 years | 65 years and over |
| | Number in thousands | | | | | | |
| All procedures | 40,710 | 15,870 | 24,840 | 1,884 | 15,375 | 9,174 | 14,277 |
| Operations on the nervous system 01-05 | 933 | 446 | 488 | 195 | 323 | 196 | 219 |
| Spinal tap 03.31 | 328 | 166 | 162 | 136 | 84 | 51 | 56 |
| Operations on the endocrine system 06-07 | 103 | 27 | 76 | * | 38 | 37 | 25 |
| Operations on the eye 08-16 | 283 | 127 | 156 | 20 | 43 | 67 | 154 |
| Operations on the ear 18-20 | 80 | 44 | 37 | 44 | 15 | 10 | 11 |
| Operations on the nose, mouth, and pharynx 21-29 | 394 | 212 | 182 | 81 | 160 | 84 | 69 |
| Tonsillectomy with or without adenoidectomy 28.2-28.3 | 51 | 25 | 26 | 29 | 17 | * | * |
| Operations on the respiratory system 30-34 | 981 | 567 | 414 | 42 | 181 | 281 | 477 |
| Bronchoscopy with or without biopsy 33.21-33.24,33.27 | 289 | 169 | 121 | 14 | 49 | 87 | 140 |
| Operations on the cardiovascular system 35-39 | 4,653 | 2,724 | 1,928 | 138 | 495 | 1,619 | 2,401 |
| Removal of coronary artery obstruction 36.0 | 428 | 280 | 148 | * | 32 | 193 | 203 |
| Coronary artery bypass graft ¹ 36.1 | 501 | 363 | 139 | * | 18 | 217 | 265 |
| Cardiac catheterization 37.21-37.23 | 1,048 | 633 | 415 | 12 | 89 | 445 | 502 |
| Insertion, replacement, removal, and revision of pacemaker leads or device 37.7-37.8 | 328 | 154 | 175 | * | *7 | 43 | 275 |
| Shunt or vascular bypass 39.0-39.2 | 175 | 100 | 75 | * | 13 | 61 | 98 |
| Hemodialysis 39.95 | 348 | 173 | 175 | * | 74 | 116 | 157 |
| Operations on the hemic and lymphatic system 40-41 | 370 | 187 | 183 | 17 | 70 | 118 | 165 |
| Operations on the digestive system 42-54 | 5,123 | 2,176 | 2,946 | 194 | 1,323 | 1,310 | 2,296 |
| Endoscopy of small intestine with or without biopsy 45.11-45.14,45.16 | 878 | 409 | 470 | 15 | 154 | 219 | 491 |
| Endoscopy of large intestine with or without biopsy 45.21-45.25 | 548 | 225 | 323 | *5 | 72 | 129 | 341 |
| Partial excision of large intestine 45.7 | 198 | 89 | 110 | * | 19 | 53 | 123 |
| Appendectomy, excluding incidental 47.0 | 280 | 157 | 122 | 62 | 164 | 39 | 15 |
| Cholecystectomy 51.2 | 463 | 148 | 315 | * | 152 | 147 | 161 |
| Repair of inguinal hernia 53.0-53.1 | 98 | 82 | 15 | 10 | 21 | 22 | 45 |
| Lysis of peritoneal adhesions 54.5 | 328 | 63 | 265 | * | 153 | 84 | 87 |
| Operations on the urinary system 55-59 | 1,186 | 610 | 575 | 32 | 261 | 317 | 575 |
| Cystoscopy with or without biopsy 57.31-57.33 | 276 | 170 | 106 | * | 42 | 70 | 160 |
| Operations on the male genital organs 60-64 | 400 | 400 | ... | 35 | 20 | 95 | 250 |
| Prostatectomy 60.2-60.6 | 263 | 263 | ... | ... | * | 61 | 200 |
| Operations on the female genital organs 65-71 | 2,106 | ... | 2,106 | *7 | 1,309 | 516 | 275 |
| Oophorectomy and salpingo-oophorectomy 65.3-65.6 | 445 | ... | 445 | * | 205 | 176 | 62 |
| Bilateral destruction or occlusion of fallopian tubes 66.2-66.3 | 362 | ... | 362 | * | 360 | * | ... |
| Hysterectomy 68.3,68.7-68.9 | 556 | ... | 556 | - | 298 | 188 | 70 |
| Dilation and curettage of uterus 69.0 | 114 | ... | 114 | * | 89 | 17 | *8 |
| Repair of cystocele and rectocele 70.5 | 157 | ... | 157 | - | 30 | 60 | 67 |
| Obstetrical procedures 72-75 | 6,772 | ... | 6,772 | 28 | 6,741 | * | ... |
| Episiotomy with or without forceps or vacuum extraction 72.1,72.21,72.31,72.71,73.6 | 1,512 | ... | 1,512 | *6 | 1,506 | * | ... |
| Artificial rupture of membranes 73.0 | 766 | ... | 766 | * | 763 | * | ... |
| Cesarean section 74.0-74.2,74.4,74.99 | 858 | ... | 858 | * | 856 | * | ... |
| Fetal EKG (scalp) and fetal monitoring, not otherwise specified ² 75.32,75.34 | 1,099 | ... | 1,099 | *6 | 1,092 | * | ... |
| Repair of current obstetric laceration 75.5-75.6 | 910 | ... | 910 | * | 907 | * | ... |
| Operations on the musculoskeletal system 76-84 | 3,167 | 1,601 | 1,566 | 171 | 1,118 | 824 | 1,054 |
| Partial excision of bone 76.2-76.3,77.6-77.8 | 238 | 122 | 116 | 10 | 99 | 78 | 50 |
| Open reduction of fracture with internal fixation 79.3 | 399 | 174 | 225 | 14 | 132 | 82 | 171 |
| Excision or destruction of intervertebral disc 80.5 | 317 | 172 | 145 | * | 157 | 118 | 41 |
| Total hip replacement 81.51 | 124 | 49 | 75 | * | 13 | 29 | 82 |
| Total knee replacement 81.54 | 209 | 78 | 130 | * | *6 | 51 | 151 |
| Operations on the integumentary system 85-86 | 1,313 | 574 | 739 | 79 | 440 | 360 | 434 |
| Mastectomy 85.4 | 108 | * | 107 | * | 14 | 43 | 51 |
| Debridement of wound, infection, or burn 86.22,86.28 | 327 | 189 | 138 | 22 | 100 | 73 | 133 |
| Skin graft 86.6-86.7 | 109 | 67 | 42 | 14 | 40 | 27 | 28 |
| Miscellaneous diagnostic and therapeutic procedures 87-99 | 12,845 | 6,174 | 6,671 | 798 | 2,838 | 3,339 | 5,871 |
| Computerized axial tomography 87.03,87.41,87.71,88.01,88.38 | 1,028 | 500 | 528 | 52 | 232 | 247 | 498 |
| Pyelogram 87.73-87.75 | 184 | 98 | 86 | * | 71 | 51 | 60 |
| Arteriography and angiocardiology using contrast material 88.4-88.5 | 1,804 | 1,058 | 746 | 15 | 174 | 712 | 902 |
| Diagnostic ultrasound 88.7 | 1,310 | 538 | 771 | 50 | 323 | 307 | 630 |
| Circulatory monitoring 89.6 | 427 | 208 | 219 | 18 | 74 | 106 | 229 |
| Radioisotope scan 92.0-92.1 | 355 | 155 | 200 | *8 | 57 | 106 | 183 |
| Respiratory therapy 93.9,96.7 | 1,174 | 577 | 597 | 201 | 162 | 254 | 556 |

* Figure does not meet standard of reliability or precision. Category not applicable. - Quantity zero.

¹The number of discharges with a coronary artery bypass graft was 318,000.²EKG is electrocardiogram.

Table 6. Rate of all-listed procedures for discharges from short-stay hospitals by procedure category, sex, and age: United States, 1994[Discharges of inpatients from non-Federal hospitals. Excludes newborn infants. Procedure groupings and code numbers are based on the *International Classification of Diseases, 9th Revision, Clinical Modification (ICD-9-CM)*]

| Procedure category and ICD-9-CM code | Sex | | | Age | | | |
|--|-----------------------------|----------|----------|----------------|-------------|-------------|-------------------|
| | Total | Male | Female | Under 15 years | 15-44 years | 45-64 years | 65 years and over |
| | Rate per 100,000 population | | | | | | |
| All procedures | 15,722.3 | 12,611.5 | 18,663.5 | 3,286.3 | 13,075.8 | 18,041.2 | 43,056.7 |
| Operations on the nervous system 01-05 | 360.5 | 354.2 | 366.5 | 340.7 | 274.9 | 384.6 | 661.5 |
| Spinal tap 03.31 | 126.5 | 131.9 | 121.5 | 238.0 | 71.8 | 100.5 | 167.6 |
| Operations on the endocrine system 06-07 | 39.8 | 21.7 | 56.9 | * | 31.9 | 71.9 | 76.2 |
| Operations on the eye 08-16 | 109.4 | 101.2 | 117.2 | 34.5 | 36.3 | 132.3 | 463.4 |
| Operations on the ear 18-20 | 31.0 | 34.7 | 27.5 | 76.6 | 12.9 | 19.4 | 33.8 |
| Operations on the nose, mouth, and pharynx 21-29 | 152.2 | 168.6 | 136.8 | 141.6 | 136.1 | 164.5 | 209.0 |
| Tonsillectomy with or without adenoidectomy 28.2-28.3 | 19.5 | 19.9 | 19.2 | 50.3 | 14.6 | * | * |
| Operations on the respiratory system 30-34 | 378.9 | 450.7 | 311.0 | 72.5 | 154.1 | 553.2 | 1,438.6 |
| Bronchoscopy with or without biopsy 33.21-33.24,33.27 | 111.8 | 134.1 | 90.8 | 23.9 | 41.9 | 170.4 | 421.9 |
| Operations on the cardiovascular system 35-39 | 1,796.9 | 2,165.0 | 1,448.8 | 240.8 | 421.1 | 3,182.9 | 7,240.9 |
| Removal of coronary artery obstruction 36.0 | 165.2 | 222.3 | 111.3 | * | 26.8 | 380.3 | 611.4 |
| Coronary artery bypass graft ¹ 36.1 | 193.6 | 288.2 | 104.1 | * | 15.5 | 426.6 | 800.2 |
| Cardiac catheterization 37.21-37.23 | 404.6 | 502.9 | 311.6 | 21.3 | 75.3 | 874.1 | 1,514.9 |
| Insertion, replacement, removal, and revision of pacemaker leads or device 37.7-37.8 | 126.8 | 122.2 | 131.1 | * | *6.3 | 84.5 | 828.6 |
| Shunt or vascular bypass 39.0-39.2 | 67.6 | 79.7 | 56.2 | * | 10.8 | 120.7 | 294.2 |
| Hemodialysis 39.95 | 134.3 | 137.3 | 131.5 | * | 62.9 | 227.7 | 473.5 |
| Operations on the hemic and lymphatic system 40-41 | 143.0 | 148.7 | 137.6 | 29.3 | 59.9 | 231.7 | 498.3 |
| Operations on the digestive system 42-54 | 1,978.4 | 1,729.6 | 2,213.5 | 338.2 | 1,124.8 | 2,575.9 | 6,925.2 |
| Endoscopy of small intestine with or without biopsy 45.11-45.14,45.16 | 339.2 | 324.9 | 352.8 | 25.7 | 130.8 | 430.5 | 1,480.5 |
| Endoscopy of large intestine with or without biopsy 45.21-45.25 | 211.6 | 178.9 | 242.4 | *8.9 | 61.6 | 253.8 | 1,028.9 |
| Partial excision of large intestine 45.7 | 76.6 | 70.5 | 82.4 | * | 16.3 | 104.1 | 371.7 |
| Appendectomy, excluding incidental 47.0 | 108.0 | 125.0 | 92.0 | 108.5 | 139.2 | 76.4 | 45.4 |
| Cholecystectomy 51.2 | 178.8 | 117.8 | 236.4 | * | 129.1 | 289.6 | 485.1 |
| Repair of inguinal hernia 53.0-53.1 | 37.7 | 65.4 | 11.6 | 17.4 | 18.0 | 42.9 | 134.9 |
| Lysis of peritoneal adhesions 54.5 | 126.8 | 50.4 | 199.0 | * | 130.2 | 165.3 | 261.1 |
| Operations on the urinary system 55-59 | 457.9 | 485.1 | 432.3 | 56.6 | 221.9 | 623.6 | 1,734.7 |
| Cystoscopy with or without biopsy 57.31-57.33 | 106.5 | 134.8 | 79.7 | * | 36.1 | 136.9 | 481.4 |
| Operations on the male genital organs 60-64 | 154.6 | 318.0 | ... | 60.9 | 17.1 | 187.6 | 753.1 |
| Prostatectomy 60.2-60.6 | 101.4 | 208.6 | ... | ... | * | 120.2 | 603.1 |
| Operations on the female genital organs 65-71 | 813.4 | ... | 1,582.4 | *11.4 | 1,113.2 | 1,014.2 | 829.3 |
| Oophorectomy and salpingo-oophorectomy 65.3-65.6 | 171.9 | ... | 334.4 | * | 174.5 | 346.2 | 188.4 |
| Bilateral destruction or occlusion of fallopian tubes 66.2-66.3 | 139.6 | ... | 271.6 | * | 306.1 | * | ... |
| Hysterectomy 68.3,68.7-68.9 | 214.7 | ... | 417.7 | - | 253.5 | 369.1 | 211.6 |
| Dilation and curettage of uterus 69.0 | 43.9 | ... | 85.4 | * | 75.5 | 33.0 | *23.5 |
| Repair of cystocele and rectocele 70.5 | 60.8 | ... | 118.2 | - | 25.8 | 117.8 | 202.5 |
| Obstetrical procedures 72-75 | 2,615.5 | ... | 5,088.3 | 49.3 | 5,732.9 | * | ... |
| Episiotomy with or without forceps or vacuum extraction 72.1,72.21,72.31,72.71,73.6 | 584.0 | ... | 1,136.1 | *9.8 | 1,281.0 | * | ... |
| Artificial rupture of membranes 73.0 | 295.9 | ... | 575.6 | * | 648.9 | * | ... |
| Cesarean section 74.0-74.2,74.4,74.99 | 331.5 | ... | 645.0 | * | 727.7 | * | ... |
| Fetal EKG (scalp) and fetal monitoring, not otherwise specified ² 75.32,75.34 | 424.3 | ... | 825.4 | *10.8 | 928.6 | * | ... |
| Repair of current obstetric laceration 75.5-75.6 | 351.6 | ... | 684.0 | * | 771.5 | * | ... |
| Operations on the musculoskeletal system 76-84 | 1,222.9 | 1,272.0 | 1,176.6 | 297.6 | 950.9 | 1,619.9 | 3,179.2 |
| Partial excision of bone 76.2-76.3,77.6-77.8 | 91.8 | 97.1 | 86.8 | 18.1 | 84.3 | 153.2 | 151.6 |
| Open reduction of fracture with internal fixation 79.3 | 154.0 | 138.4 | 168.7 | 24.0 | 112.3 | 161.4 | 515.3 |
| Excision or destruction of intervertebral disc 80.5 | 122.5 | 136.5 | 109.3 | * | 133.3 | 232.2 | 124.8 |
| Total hip replacement 81.51 | 47.8 | 38.8 | 56.3 | * | 11.0 | 57.6 | 246.1 |
| Total knee replacement 81.54 | 80.6 | 62.2 | 97.9 | * | *5.0 | 101.0 | 454.9 |
| Operations on the integumentary system 85-86 | 507.1 | 455.8 | 555.6 | 138.0 | 374.2 | 708.1 | 1,308.5 |
| Mastectomy 85.4 | 41.8 | * | 80.6 | * | 12.0 | 83.6 | 154.5 |
| Debridement of wound, infection, or burn 86.22,86.28 | 126.3 | 150.3 | 103.6 | 38.2 | 84.9 | 143.3 | 399.6 |
| Skin graft 86.6-86.7 | 42.2 | 53.4 | 31.7 | 25.0 | 33.9 | 53.0 | 85.0 |
| Miscellaneous diagnostic and therapeutic procedures 87-99 | 4,960.9 | 4,906.2 | 5,012.5 | 1,392.0 | 2,413.5 | 6,565.4 | 17,705.2 |
| Computerized axial tomography 87.03,87.41,87.71,88.01,88.38 | 397.1 | 397.4 | 396.9 | 89.9 | 197.1 | 485.4 | 1,502.6 |
| Pyelogram 87.73-87.75 | 71.1 | 77.9 | 64.7 | * | 60.3 | 99.8 | 179.8 |
| Arteriography and angiocardiology using contrast material 88.4-88.5 | 696.5 | 840.6 | 560.3 | 26.7 | 148.0 | 1,400.3 | 2,720.6 |
| Diagnostic ultrasound 88.7 | 505.8 | 427.9 | 579.3 | 86.4 | 274.9 | 603.3 | 1,900.2 |
| Circulatory monitoring 89.6 | 164.8 | 165.3 | 164.4 | 31.7 | 63.0 | 207.7 | 690.3 |
| Radioisotope scan 92.0-92.1 | 137.0 | 123.0 | 150.1 | *14.7 | 48.7 | 208.8 | 551.2 |
| Respiratory therapy 93.9,96.7 | 453.2 | 458.4 | 448.3 | 351.3 | 137.9 | 500.5 | 1,675.4 |

* Figure does not meet standard of reliability or precision. Category not applicable. - Quantity zero.

¹The rate per 100,000 population of discharges with a coronary artery bypass graft was 122.7.²EKG is electrocardiogram.