

**TABLE 7B-1  
NUMBER OF PROCEDURES BY CATEGORY AND COUNTY OF RESIDENCE, ARIZONA, 2019**

| Procedures by category                                     | Total     | Apache | Cochise | Coconino | Gila   | Graham | Greenlee | La Paz | Maricopa | Mohave | Navajo | Pima    | Pinal  | Santa Cruz | Yavapai | Yuma   | Unknown |
|--|-----------|--------|---------|----------|--------|--------|----------|--------|----------|--------|--------|---------|--------|------------|---------|--------|---------|
| <b>All procedures</b>                                      | 1,114,477 | 8,007  | 23,079  | 16,650   | 11,774 | 6,797  | 1,394    | 4,108  | 658,950  | 37,813 | 20,282 | 174,211 | 70,312 | 4,147      | 42,223  | 30,765 | 3,965   |
| <b>Operations on the central nervous system</b>            | 15,721    | 113    | 254     | 294      | 132    | 395    | 93       | 46     | 9,744    | 255    | 303    | 2,056   | 1,032  | 42         | 603     | 328    | 31      |
| <b>Spinal tap</b>  | 6,980†    | 38     | 82      | 118      | 48     | 21     | *        | 17     | 4,773    | 121    | 118    | 853     | 466    | 17         | 174     | 121    | 12      |
| <b>Operations on the peripheral nervous system</b>         | 5,290†    | 44     | 80      | 102      | 62     | 27     | *        | 21     | 3,073    | 184    | 103    | 738     | 390    | 12         | 335     | 99     | 10      |
| <b>Operations on the heart and great vessels</b>           | 62,331    | 497    | 1,100   | 804      | 776    | 270    | 51       | 260    | 37,732   | 2,449  | 1,148  | 8,150   | 4,448  | 153        | 2,722   | 1,636  | 135     |
| <b>Heart transplant</b>                                    | 50†       | *      | *       | 0        | *      | 0      | 0        | 0      | 38       | 0      | 0      | 9       | *      | *          | 0       | *      | 0       |
| <b>Coronary artery bypass graft</b>                        | 3,650†    | 36     | 106     | 38       | 41     | 13     | *        | 21     | 1,976    | 142    | 84     | 537     | 275    | 15         | 191     | 168    | 6       |
| <b>Cardiac catheterization</b>                             | 20,152    | 153    | 448     | 197      | 302    | 103    | 30       | 100    | 10,955   | 1,176  | 320    | 3,169   | 1,363  | 62         | 1,180   | 532    | 62      |
| <b>Insertion, replacement, removal, of pacemaker leads</b> | 4,770†    | 35     | 89      | 81       | 68     | 20     | *        | 15     | 2,713    | 242    | 86     | 644     | 294    | 11         | 302     | 157    | 10      |
| <b>Operations on the upper arteries</b>                    | 14,211    | 109    | 301     | 197      | 187    | 76     | 13       | 67     | 8,676    | 356    | 293    | 2,172   | 826    | 39         | 542     | 320    | 37      |
| <b>Operations on the lower arteries</b>                    | 7,615     | 48     | 196     | 94       | 77     | 38     | 9        | 41     | 4,175    | 292    | 152    | 1,275   | 520    | 31         | 383     | 259    | 25      |
| <b>Operations on the upper veins</b>                       | 12,515    | 71     | 416     | 185      | 121    | 94     | 27       | 59     | 5,607    | 342    | 165    | 3,917   | 588    | 86         | 274     | 487    | 76      |
| <b>Operations on the lower veins</b>                       | 10,338    | 92     | 225     | 184      | 103    | 51     | 10       | 38     | 5,912    | 387    | 243    | 1,539   | 671    | 41         | 476     | 333    | 33      |
| <b>Operations on the lymphatic and hemic systems</b>       | 9,010†    | 41     | 191     | 114      | 66     | 48     | *        | 23     | 5,665    | 207    | 108    | 1,327   | 613    | 33         | 305     | 243    | 26      |
| <b>Operations on the eye</b>                               | 460†      | 7      | 14      | 6        | 8      | *      | *        | 0      | 240      | *      | 13     | 108     | 20     | *          | 11      | 17     | *       |
| <b>Operations on the ear, nose, sinus</b>                  | 1,070†    | 10     | 19      | 20       | 14     | *      | *        | *      | 632      | 18     | 25     | 185     | 65     | *          | 43      | 21     | *       |
| <b>Operations on the respiratory system</b>                | 31,909    | 208    | 601     | 380      | 315    | 152    | 22       | 116    | 19,954   | 1,089  | 521    | 4,539   | 2,038  | 74         | 962     | 880    | 58      |
| <b>Bronchoscopy with or without biopsy</b>                 | 3,080†    | 17     | 50      | 29       | 32     | 11     | *        | 6      | 1,963    | 98     | 49     | 320     | 190    | 6          | 68      | 239    | *       |
| <b>Operations on the mouth and throat</b>                  | 3,290†    | 33     | 93      | 68       | 41     | 20     | *        | 10     | 1,933    | 65     | 73     | 558     | 219    | 9          | 84      | 75     | 11      |
| <b>Operations on the gastrointestinal system</b>           | 52,327    | 340    | 1,157   | 727      | 533    | 326    | 46       | 155    | 30,926   | 1,561  | 938    | 8,388   | 3,272  | 150        | 2,038   | 1,614  | 156     |
| <b>Implantation of gastric band</b>                        | 10†       | 0      | 0       | 0        | 0      | 0      | 0        | 0      | *        | 0      | 0      | *       | 0      | 0          | 0       | *      | *       |
| <b>Endoscopy of small intestine with or without biopsy</b> | 12,261    | 93     | 276     | 176      | 122    | 86     | 7        | 41     | 7,364    | 386    | 223    | 1,875   | 757    | 26         | 417     | 375    | 37      |
| <b>Endoscopy of large intestine with or without biopsy</b> | 8,416     | 48     | 153     | 114      | 89     | 34     | 7        | 22     | 5,252    | 284    | 134    | 1,080   | 514    | 17         | 379     | 263    | 26      |
| <b>Appendectomy, excluding incidental</b>                  | 3,553     | 14     | 76      | 52       | 39     | 23     | 7        | 7      | 1,977    | 132    | 71     | 637     | 198    | 16         | 198     | 92     | 14      |
| <b>Operations on the hepatobiliary system and pancreas</b> | 13,943    | 123    | 290     | 199      | 131    | 105    | 28       | 55     | 8,181    | 338    | 286    | 2,228   | 879    | 65         | 595     | 375    | 65      |
| <b>Cholecystectomy</b>                                     | 7,489     | 56     | 165     | 96       | 71     | 58     | 12       | 24     | 4,189    | 194    | 171    | 1,347   | 503    | 38         | 337     | 188    | 40      |
| <b>Operations on the endocrine system</b>                  | 1,030†    | 13     | 20      | 19       | 9      | *      | 0        | *      | 649      | 30     | 13     | 140     | 72     | *          | 44      | 16     | *       |
| <b>Operations on the skin and breast</b>                   | 20,855    | 143    | 313     | 365      | 184    | 136    | 26       | 50     | 13,162   | 529    | 334    | 3,210   | 1,226  | 53         | 462     | 596    | 66      |
| <b>Breast surgery</b>                                      | 910†      | *      | 20      | 18       | 7      | 7      | 0        | *      | 560      | 22     | 13     | 144     | 59     | *          | 28      | 21     | *       |

**TABLE 7B-1 (continued)**  
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| Procedures by category  | Total  | Apache | Cochise | Coconino | Gila | Graham | Greenlee | La Paz | Maricopa | Mohave | Navajo | Pima   | Pinal | Santa Cruz | Yavapai | Yuma  | Unknown |
|---|--------|--------|---------|----------|------|--------|----------|--------|----------|--------|--------|--------|-------|------------|---------|-------|---------|
| <b>Operations on the subcutaneous tissue and fascia</b>             | 26,430 | 191    | 401     | 382      | 343  | 147    | 24       | 107    | 16,419   | 782    | 531    | 3,565  | 1,856 | 79         | 923     | 608   | 72      |
| <b>Operations on the musculoskeletal system</b>                     | 84,694 | 636    | 1,638   | 1,334    | 944  | 496    | 90       | 324    | 50,907   | 2,638  | 1,547  | 12,526 | 5,259 | 246        | 3,749   | 2,126 | 234     |
| <b>Open reduction of fracture with or without internal fixation</b> | 7,780† | 68     | 133     | 133      | 103  | 40     | *        | 25     | 4,510    | 264    | 150    | 1,307  | 436   | 29         | 327     | 218   | 36      |
| <b>Total hip replacement</b>  | 10,719 | 56     | 233     | 177      | 119  | 26     | 7        | 45     | 6,333    | 419    | 158    | 1,526  | 716   | 33         | 652     | 197   | 22      |
| <b>Total knee replacement</b>                                       | 11,526 | 105    | 265     | 227      | 169  | 85     | 23       | 61     | 6,489    | 469    | 212    | 1,614  | 689   | 31         | 714     | 342   | 31      |
| <b>Operations on the urinary system</b>                             | 17,310 | 78     | 307     | 191      | 154  | 78     | 20       | 52     | 9,978    | 1,038  | 220    | 2,663  | 1,204 | 61         | 740     | 464   | 62      |
| <b>Kidney transplant</b>  | 270†   | *      | *       | *        | *    | *      | 0        | *      | 173      | 11     | *      | 33     | 17    | 0          | *       | 8     | 0       |
| <b>Operations on the male reproductive system</b>                   | 7,560† | 13     | 147     | 49       | 45   | 16     | *        | 13     | 5,140    | 94     | 31     | 847    | 975   | 15         | 103     | 52    | 15      |
| <b>Prostatectomy</b>  | 1,460† | 6      | 39      | 18       | 11   | *      | 0        | *      | 814      | 46     | 12     | 278    | 106   | 7          | 78      | 34    | 8       |
| <b>Operations on the female reproductive system</b>                 | 15,821 | 42     | 304     | 226      | 127  | 118    | 22       | 27     | 10,013   | 273    | 241    | 2,322  | 968   | 54         | 385     | 636   | 63      |
| <b>Oophorectomy and salpingo-oophorectomy</b>                       | 3,231  | 7      | 57      | 78       | 31   | 10     | 0        | 16     | 2,009    | 100    | 33     | 445    | 213   | 24         | 125     | 63    | 20      |
| <b>Hysterectomy</b>   | 2,840† | *      | 62      | 60       | 31   | *      | *        | 10     | 1,755    | 52     | 30     | 435    | 184   | 23         | 109     | 54    | 19      |
| <b>Obstetrical procedures</b>                                       | 75,829 | 207    | 1,308   | 1,066    | 452  | 503    | 115      | 172    | 49,477   | 1,524  | 1,036  | 10,351 | 4,489 | 331        | 1,692   | 2,753 | 353     |
| <b>Episiotomy with or without forceps or vacuum extraction</b>      | 2,580† | 14     | 46      | 32       | 47   | 30     | *        | 10     | 1,473    | 125    | 49     | 379    | 103   | 23         | 84      | 146   | 17      |
| <b>Artificial rupture of membranes</b>                              | 22,868 | 77     | 476     | 356      | 160  | 167    | 38       | 71     | 14,546   | 542    | 370    | 4,062  | 1,135 | 127        | 562     | 67    | 112     |
| <b>Cesarean section</b>   | 21,172 | 48     | 343     | 264      | 120  | 111    | 30       | 58     | 13,784   | 448    | 278    | 2,787  | 1,308 | 99         | 494     | 869   | 131     |
| <b>Other therapeutic procedures - Imaging</b>                       | 54,971 | 491    | 1,346   | 998      | 759  | 310    | 79       | 258    | 29,090   | 2,709  | 1,164  | 9,338  | 3,682 | 205        | 2,559   | 1,816 | 167     |
| <b>Computerized tomography (CT Scan)</b>                            | 1,980† | 12     | 10      | 23       | 17   | *      | 0        | 7      | 1,192    | 22     | 35     | 338    | 148   | 29         | 70      | 70    | *       |
| <b>Magnetic resonance imaging (MRI)</b>                             | 1,460† | 17     | 17      | 33       | 20   | 12     | *        | 9      | 1,050    | 22     | 37     | 56     | 70    | *          | 66      | 50    | 0       |
| <b>Other therapeutic procedures - Nuclear medicine</b>              | 190†   | *      | 12      | *        | *    | 0      | 0        | *      | 71       | *      | *      | 76     | 10    | *          | *       | *     | 0       |
| <b>Other therapeutic procedures - Radiation therapy</b>             | 140†   | *      | *       | *        | 0    | *      | 0        | 0      | 94       | 7      | *      | 12     | 6     | 0          | 7       | *     | *       |
| <b>Extracorporeal assistance and performance</b>                    | 55,948 | 488    | 1,248   | 793      | 717  | 365    | 51       | 229    | 32,726   | 2,372  | 1,200  | 7,859  | 3,941 | 167        | 2,121   | 1,513 | 158     |
| <b>Hemodialysis</b>   | 18,556 | 155    | 321     | 206      | 264  | 161    | 20       | 75     | 10,995   | 652    | 410    | 2,659  | 1,485 | 84         | 448     | 530   | 91      |

Notes: \* Cell suppressed due to non-zero count less than 6; † Sum rounded to nearest tens unit due to non-zero addend less than 6.