**Supplemental Digital Materials**

**for**

**Availability of Inpatient Pediatric Surgery in the United States**

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This PDF file includes:

**Table 1:** List of 50 most common pediatric Clinical Classification Software procedure groups in Arkansas, Florida, Kentucky, Maryland, Massachusetts, and New York in 2014.

**Table 2:** List of 50 most common ICD-9-CM or CPT coded procedures reported outside of high capability or specialty centers. ICD-9-CM: International Classification of Diseases, Ninth Revision, Clinical Modification. CPT: Current Procedural Terminology.

**Table 3:** Infant (<1y) ICD-9-CM or CPT coded procedures reported 11 or more times outside of high capability or specialty centers. ICD-9-CM: International Classification of Diseases, Ninth Revision, Clinical Modification. CPT: Current Procedural Terminology.

**Table 1:** List of 50 most common pediatric Clinical Classification Software procedure groups in Arkansas, Florida, Kentucky, Maryland, Massachusetts, and New York in 2014.

|  |  |
| --- | --- |
| Procedure | Number of Procedures |
| Appendectomy | 10859 |
| Other OR therapeutic procedures on bone | 6761 |
| Spinal fusion | 5983 |
| Other OR procedures on vessels other than head and neck | 5861 |
| Tonsillectomy and/or adenoidectomy | 5616 |
| Other therapeutic procedures on muscles and tendons | 5610 |
| Other OR heart procedures | 4647 |
| Incision and drainage, skin and subcutaneous tissue | 4450 |
| Other OR therapeutic procedures on nose, mouth and pharynx | 4336 |
| Extracorporeal circulation auxiliary to open heart procedures | 3886 |
| Other fracture and dislocation procedure | 3817 |
| Diagnostic bronchoscopy and biopsy of bronchus | 3585 |
| Partial excision bone | 3583 |
| Other OR lower GI therapeutic procedures | 3446 |
| Diagnostic cardiac catheterization, coronary arteriography | 3308 |
| Debridement of wound, infection or burn | 3209 |
| Treatment, fracture or dislocation of hip and femur | 3199 |
| Other OR therapeutic procedures on respiratory system | 2906 |
| Treatment, fracture or dislocation of lower extremity (other than hip or femur) | 2805 |
| Other OR gastrointestinal therapeutic procedures | 2744 |
| Other OR upper GI therapeutic procedures | 2725 |
| Other OR therapeutic nervous system procedures | 2676 |
| Other OR therapeutic procedures of urinary tract | 2460 |
| Myringotomy | 2432 |
| Gastrostomy, temporary and permanent | 2401 |
| Treatment, fracture or dislocation of radius and ulna | 2248 |
| Other OR therapeutic procedures on musculoskeletal system | 2119 |
| Other OR therapeutic procedures on joints | 1956 |
| Skin graft | 1913 |
| Suture of skin and subcutaneous tissue | 1860 |
| Other OR therapeutic procedures, male genital | 1400 |
| Other therapeutic ear procedures | 1382 |
| Incision and excision of CNS | 1338 |
| Excision, lysis peritoneal adhesions | 1298 |
| Insertion of catheter or spinal stimulator and injection into spinal canal | 1242 |
| Other vascular bypass and shunt, not heart | 1234 |
| Heart valve procedures | 1201 |
| Inguinal and femoral hernia repair | 1185 |
| Cholecystectomy and common duct exploration | 1160 |
| Other therapeutic procedures, hemic and lymphatic system | 1153 |
| Other OR therapeutic procedures on skin and breast | 1113 |
| Proctoscopy and anorectal biopsy | 1080 |
| Colorectal resection | 1032 |
| Insertion, replacement, or removal of extracranial ventricular shunt | 939 |
| Small bowel resection | 892 |
| Laparoscopy | 869 |
| Endoscopy and endoscopic biopsy of the urinary tract | 861 |
| Other hernia repair | 854 |
| Ileostomy and other enterostomy | 803 |

**Table 2: List of 50 most common ICD-9-CM or CPT coded procedures reported outside of high capability or specialty centers. ICD-9-CM: International Classification of Diseases, Ninth Revision, Clinical Modification. CPT: Current Procedural Terminology.**

|  |  |
| --- | --- |
| Procedure | Number of Procedures |
| Laparoscop appendect (begin 1996) | 3516 |
| Other skin & subq i & d | 1898 |
| Other appendect (begin 1996) | 889 |
| Tonsillectomy/adenoidec | 701 |
| Skin suture nec | 682 |
| Op red-int fix tib/fibul | 407 |
| Nonexcis debridement wnd (begin 1988) | 364 |
| Laparoscopic cholecystec (begin 1991) | 348 |
| Myringotomy w intubation | 291 |
| Laparoscopy, appendectomy | 290 |
| Clos red-int fix humerus | 275 |
| Wound debridement (begin 1988) | 273 |
| Cl fx reduc-radius/ulna | 257 |
| Pyloromyotomy | 240 |
| Op red-int fix rad/ulna | 240 |
| Orchiopexy | 235 |
| Cl fx reduc-tibia/fibula | 193 |
| Face fx | 182 |
| Peritonsillar i & d | 180 |
| Insert spinal canal cath (begin 1987) | 171 |
| Systemic-pulm art shunt | 146 |
| Oth dorsolum fus (begin 1989) | 142 |
| Remove tonsils and adenoids | 135 |
| Open reduc-int fix femur | 135 |
| Open red-int fix humerus | 133 |
| Other local destruc skin | 130 |
| Arthrocentesis | 117 |
| Other bronchoscopy | 116 |
| Part sm bowel resect nec | 111 |
| Oth lysis abd adhes (begin 1996) | 110 |
| Fusion or refusion of 9 or more vertebrae (begin 2003) | 108 |
| Excise bone for gft nec | 107 |
| Laparoscopy | 107 |
| Lapsc lysis abd adhes (begin 1996) | 101 |
| Cl red-int fix rad/ulna | 101 |
| Anesth inject-spin canal | 99 |
| Closed rectal bx | 98 |
| Intra-abd venous shunt | 97 |
| Hemorr contrl post t & a | 89 |
| Free skin graft nec | 88 |
| Unilat ing hern rep nos | 86 |
| Peritoneal lavage (begin 1993) | 86 |
| Homograft to skin | 86 |
| Incis vulva/perineum nec | 85 |
| Drain face & mouth floor | 83 |
| Internal fixation-femur | 83 |
| Insert interbody spinal fusion device (begin 2002) | 81 |
| Chorioret les laser coag | 80 |
| Other gastrostomy (begin 1989) | 79 |
| Cl fx reduc-femur | 75 |

**Table 3: Infant (<1y) ICD-9-CM or CPT coded procedures reported 11 or more times outside of high capability or specialty centers. ICD-9-CM: International Classification of Diseases, Ninth Revision, Clinical Modification. CPT: Current Procedural Terminology.**

|  |  |
| --- | --- |
| Procedure | Number of Procedures |
| Other skin & subq i & d | 265 |
| Pyloromyotomy | 144 |
| Skin suture nec | 64 |
| Other local destruc skin | 54 |
| Chorioret les laser coag | 43 |
| Destruct ext ear les nec | 42 |
| Finger amputation | 34 |
| Unilat ing hern rep nos | 29 |
| Occlude thoracic ves nec | 28 |
| Hemorrhage control nos | 25 |
| Bilat ing hernia rep nos | 24 |
| Suture penile laceration | 20 |
| Oth incid append (begin 1996) | 17 |
| Incision of penis | 17 |
| Homograft to skin | 17 |
| Myringotomy w intubation | 16 |
| Incis vulva/perineum nec | 15 |
| Part sm bowel resect nec | 15 |
| Other gastrostomy (begin 1989) | 15 |
| Peritoneal incision | 14 |
| Division of penile adhes | 12 |
| Oth lysis abd adhes (begin 1996) | 11 |
| Closed rectal bx | 11 |
| Repair indir ing hernia | 11 |
| Wound debridement (begin 1988) | 11 |
| Bilat ind ing hern rep | 11 |