HCUP Summary Statistics Report: NEDS 2012 - ED File Means of Continuous Data Elements

| Variable / Label | Ν | N Miss | Min | Max | Mean | Std Dev |
|---|------------|------------|----------|----------|----------|---------|
| HOSP_ED : HCUP ED hospital identifier | 26,617,541 | 0 | 10001.00 | 40493.00 | 26533.20 | 9791.56 |
| CPTCCS1 : CCS: CPT 1 | 19,977,247 | 6,640,294 | 1.00 | 244.00 | 220.50 | 21.99 |
| CPTCCS2 : CCS: CPT 2 | 15,627,473 | 10,990,068 | 1.00 | 244.00 | 216.13 | 26.71 |
| CPTCCS3 : CCS: CPT 3 | 12,361,849 | 14,255,692 | 1.00 | 244.00 | 220.13 | 21.60 |
| CPTCCS4 : CCS: CPT 4 | 10,070,978 | 16,546,563 | 1.00 | 244.00 | 222.10 | 19.67 |
| CPTCCS5 : CCS: CPT 5 | 8,538,588 | 18,078,953 | 1.00 | 243.00 | 223.09 | 18.75 |
| CPTCCS6 : CCS: CPT 6 | 7,452,048 | 19,165,493 | 1.00 | 243.00 | 223.70 | 18.27 |
| CPTCCS7 : CCS: CPT 7 | 6,484,797 | 20,132,744 | 3.00 | 243.00 | 224.09 | 18.11 |
| CPTCCS8 : CCS: CPT 8 | 5,723,273 | 20,894,268 | 3.00 | 243.00 | 224.46 | 18.00 |
| CPTCCS9 : CCS: CPT 9 | 5,015,857 | 21,601,684 | 4.00 | 243.00 | 224.72 | 18.02 |
| CPTCCS10 : CCS: CPT 10 | 4,344,667 | 22,272,874 | 1.00 | 243.00 | 224.81 | 18.55 |
| CPTCCS11 : CCS: CPT 11 | 3,523,318 | 23,094,223 | 3.00 | 243.00 | 225.28 | 18.01 |
| CPTCCS12 : CCS: CPT 12 | 2,958,208 | 23,659,333 | 2.00 | 244.00 | 225.69 | 17.87 |
| CPTCCS13 : CCS: CPT 13 | 2,384,323 | 24,233,218 | 2.00 | 243.00 | 225.88 | 18.35 |
| CPTCCS14 : CCS: CPT 14 | 1,985,104 | 24,632,437 | 1.00 | 243.00 | 226.02 | 18.58 |
| CPTCCS15 : CCS: CPT 15 | 1,649,758 | 24,967,783 | 2.00 | 243.00 | 226.08 | 19.00 |
| NCPT : Number of CPT/HCPCS procedures on this record | 22,966,990 | 3,650,551 | 0.00 | 356.00 | 5.13 | 5.86 |
| NPR_ED : Number of procedures from ED | 15,187,721 | 11,429,820 | 0.00 | 50.00 | 0.29 | 0.85 |
| PCLASS_ED1 : Principal procedure class for ED procedure | 2,473,969 | 24,143,572 | 1.00 | 4.00 | 1.69 | 0.63 |
| PCLASS_ED2 : Procedure class 2 for ED procedure | 864,050 | 25,753,491 | 1.00 | 4.00 | 1.33 | 0.54 |

(Continued)

| Variable / Label | Ν | N Miss | Min | Max | Mean | Std Dev |
|---|-----------|------------|-------|--------|--------|---------|
| PCLASS_ED3 : Procedure class 3 for ED procedure | 459,360 | 26,158,181 | 1.00 | 4.00 | 1.30 | 0.50 |
| PCLASS_ED4 : Procedure class 4 for ED procedure | 257,537 | 26,360,004 | 1.00 | 4.00 | 1.35 | 0.51 |
| PCLASS_ED5 : Procedure class 5 for ED procedure | 140,079 | 26,477,462 | 1.00 | 4.00 | 1.40 | 0.51 |
| PCLASS_ED6 : Procedure class 6 for ED procedure | 72,200 | 26,545,341 | 1.00 | 4.00 | 1.43 | 0.51 |
| PCLASS_ED7 : Procedure class 7 for ED procedure | 37,752 | 26,579,789 | 1.00 | 4.00 | 1.45 | 0.51 |
| PCLASS_ED8 : Procedure class 8 for ED procedure | 20,097 | 26,597,444 | 1.00 | 4.00 | 1.48 | 0.51 |
| PCLASS_ED9 : Procedure class 9 for ED procedure | 10,886 | 26,606,655 | 1.00 | 4.00 | 1.52 | 0.51 |
| PRCCS_ED1 : CCS: principal procedure from ED | 2,473,969 | 24,143,572 | 1.00 | 231.00 | 188.02 | 54.67 |
| PRCCS_ED2 : CCS: procedure 2 from ED | 864,050 | 25,753,491 | 1.00 | 231.00 | 207.54 | 40.43 |
| PRCCS_ED3 : CCS: procedure 3 from ED | 459,360 | 26,158,181 | 1.00 | 231.00 | 207.20 | 37.10 |
| PRCCS_ED4 : CCS: procedure 4 from ED | 257,537 | 26,360,004 | 3.00 | 231.00 | 211.27 | 27.17 |
| PRCCS_ED5 : CCS: procedure 5 from ED | 140,079 | 26,477,462 | 4.00 | 231.00 | 212.25 | 26.51 |
| PRCCS_ED6 : CCS: procedure 6 from ED | 72,200 | 26,545,341 | 8.00 | 231.00 | 213.05 | 26.06 |
| PRCCS_ED7 : CCS: procedure 7 from ED | 37,752 | 26,579,789 | 4.00 | 231.00 | 212.56 | 28.27 |
| PRCCS_ED8 : CCS: procedure 8 from ED | 20,097 | 26,597,444 | 9.00 | 231.00 | 215.00 | 21.46 |
| PRCCS_ED9 : CCS: procedure 9 from ED | 10,886 | 26,606,655 | 29.00 | 231.00 | 216.29 | 17.40 |

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| CPT1 | Frequency | Percent |
|---------------------------------|------------|---------|
| Blank | 6,352,253 | 23.86 |
| Other | 187,934 | 0.71 |
| Anesthesia | 666 | 0.00 |
| Surgery | 1,590,691 | 5.98 |
| Radiology | 2,313,820 | 8.69 |
| Pathology and Laboratory | 992,327 | 3.73 |
| Medicine | 1,222,826 | 4.59 |
| Evaluation and Management | 13,059,237 | 49.06 |
| Transportation | 9,810 | 0.04 |
| Medical and Surgical Supplies | 19,868 | 0.07 |
| Miscellaneous and Experimental | 21,163 | 0.08 |
| Enteral and Parenteral Therapy | 15 | 0.00 |
| Dental | 74 | 0.00 |
| Durable Medical Equipment | 687 | 0.00 |
| Temporary Procedures/Services | 293,526 | 1.10 |
| Drugs (Non-oral) | 255,882 | 0.96 |
| Chemotherapy Drugs | 315 | 0.00 |
| Orthotic | 9,224 | 0.03 |
| Prosthetic | 14 | 0.00 |
| Temporary Codes | 31 | 0.00 |
| Private Payer Codes | 5,297 | 0.02 |
| Vision | <= 10 | *.** |
| Local Codes | 979 | 0.00 |
| CPT/HCPCS inconsistent with sex | 200 | 0.00 |
| Invalid CPT/HCPCS (invl) | 280,700 | 1.05 |

| CPTCCS1 | Frequency | Percent |
|---|-----------|---------|
| .: Missing | 6,359,394 | 23.89 |
| A: Invalid procedure | 280,700 | 1.05 |
| C: Inconsistent | 200 | 0.00 |
| 1: Incision and excision of CNS | <= 10 | *.** |
| 2: Insertion, replacement, or removal of extracranial ventricular shunt | 33 | 0.00 |
| 3: Laminectomy, excision intervertebral disc | 134 | 0.00 |
| 4: Diagnostic spinal tap | 7,442 | 0.03 |
| 5: Insertion of catheter or spinal stimulator and injection into spinal canal | 334 | 0.00 |
| 6: Decompression peripheral nerve | 60 | 0.00 |
| 7: Other diagnostic nervous system procedures | 25 | 0.00 |
| 8: Other non-OR or closed therapeutic nervous system procedures | 9,328 | 0.04 |
| 9: Other OR therapeutic nervous system procedures | 464 | 0.00 |
| 10: Thyroidectomy, partial or complete | <= 10 | *.** |
| 11: Diagnostic endocrine procedures | <= 10 | *.** |
| 12: Other therapeutic endocrine procedures | <= 10 | *.** |
| 13: Corneal transplant | <= 10 | *.** |
| 14: Glaucoma procedures | 32 | 0.00 |
| 15: Lens and cataract procedures | 79 | 0.00 |
| 16: Repair of retinal tear, detachment | 136 | 0.00 |
| 17: Destruction of lesion of retina and choroid | <= 10 | *.** |
| 18: Diagnostic procedures on eye | 46 | 0.00 |
| 19: Other therapeutic procedures on eyelids, conjunctiva, cornea | 2,268 | 0.01 |
| 20: Other intraocular therapeutic procedures | 315 | 0.00 |
| 21: Other extraocular muscle and orbit therapeutic procedures | 27 | 0.00 |
| 22: Tympanoplasty | <= 10 | *.** |
| 23: Myringotomy | 39 | 0.00 |
| 24: Mastoidectomy | <= 10 | *.** |
| 25: Diagnostic procedures on ear | <= 10 | *.** |
| 26: Other therapeutic ear procedures | 8,468 | 0.03 |
| 27: Control of epistaxis | 10,689 | 0.04 |
| 28: Plastic procedures on nose | 11 | 0.00 |
| 29: Oral and Dental Services | 2,337 | 0.01 |
| 30: Tonsillectomy and/or adenoidectomy | 89 | 0.00 |

| CPTCCS1 | Frequency | Percent |
|--|-----------|---------|
| 31: Diagnostic procedures on nose, mouth and pharynx | 880 | 0.00 |
| 32: Other non-OR therapeutic procedures on nose, mouth and pharynx | 1,193 | 0.00 |
| 33: Other OR therapeutic procedures on nose, mouth and pharynx | 2,768 | 0.01 |
| 34: Tracheostomy, temporary and permanent | 34 | 0.00 |
| 35: Tracheoscopy and laryngoscopy with biopsy | 1,331 | 0.01 |
| 36: Lobectomy or pneumonectomy | <= 10 | *.** |
| 37: Diagnostic bronchoscopy and biopsy of bronchus | 232 | 0.00 |
| 38: Other diagnostic procedures on lung and bronchus | 1,148 | 0.00 |
| 39: Incision of pleura, thoracentesis, chest drainage | 1,173 | 0.00 |
| 40: Other diagnostic procedures of respiratory tract and mediastinum | <= 10 | *.** |
| 41: Other non-OR therapeutic procedures on respiratory system | 1,363 | 0.01 |
| 42: Other OR therapeutic procedures on respiratory system | 1,407 | 0.01 |
| 43: Heart valve procedures | <= 10 | * ** |
| 44: Coronary artery bypass graft (CABG) | <= 10 | * ** |
| 45: Percutaneous transluminal coronary angioplasty (PTCA) | 1,088 | 0.00 |
| 46: Coronary thrombolysis | 43 | 0.00 |
| 47: Diagnostic cardiac catheterization, coronary arteriography | 10,696 | 0.04 |
| 48: Insertion, revision, replacement, removal of cardiac pacemaker or cardioverter/defibrillator | 359 | 0.00 |
| 49: Other OR heart procedures | 109 | 0.00 |
| 50: Extracorporeal circulation auxiliary to open heart procedures | <= 10 | * ** |
| 51: Endarterectomy, vessel of head and neck | <= 10 | *.** |
| 52: Aortic resection, replacement or anastomosis | <= 10 | * ** |
| 53: Varicose vein stripping, lower limb | <= 10 | * ** |
| 54: Other vascular catheterization, not heart | 13,592 | 0.05 |
| 56: Other vascular bypass and shunt, not heart | <= 10 | * ** |
| 57: Creation, revision and removal of arteriovenous fistula or vessel-to-vessel cannula for dialysis | 208 | 0.00 |
| 58: Hemodialysis | 1,796 | 0.01 |
| 59: Other OR procedures on vessels of head and neck | 37 | 0.00 |
| 60: Embolectomy and endarterectomy of lower limbs | <= 10 | *.** |
| 61: Other OR procedures on vessels other than head and neck | 836 | 0.00 |
| 62: Other diagnostic cardiovascular procedures | 304 | 0.00 |
| 63: Other non-OR therapeutic cardiovascular procedures | 14,582 | 0.05 |
| 64: Bone marrow transplant | <= 10 | *.** |

| CPTCCS1 | Frequency | Percent |
|--|-----------|---------|
| 65: Bone marrow biopsy | 58 | 0.00 |
| 66: Procedures on spleen | <= 10 | *.** |
| 67: Other therapeutic procedures, hemic and lymphatic system | 198 | 0.00 |
| 68: Injection or ligation of esophageal varices | 18 | 0.00 |
| 69: Esophageal dilatation | 455 | 0.00 |
| 70: Upper gastrointestinal endoscopy, biopsy | 9,817 | 0.04 |
| 71: Gastrostomy, temporary and permanent | 5,043 | 0.02 |
| 73: Ileostomy and other enterostomy | 151 | 0.00 |
| 75: Small bowel resection | <= 10 | *.** |
| 76: Colonoscopy and biopsy | 1,727 | 0.01 |
| 77: Proctoscopy and anorectal biopsy | 946 | 0.00 |
| 78: Colorectal resection | <= 10 | *.** |
| 80: Appendectomy | 10,271 | 0.04 |
| 81: Hemorrhoid procedures | 1,107 | 0.00 |
| 82: Endoscopic retrograde cannulation of pancreas (ERCP) | 242 | 0.00 |
| 83: Biopsy of liver | 57 | 0.00 |
| 84: Cholecystectomy and common duct exploration | 4,127 | 0.02 |
| 85: Inguinal and femoral hernia repair | 539 | 0.00 |
| 86: Other hernia repair | 472 | 0.00 |
| 87: Laparoscopy | 402 | 0.00 |
| 88: Abdominal paracentesis | 2,315 | 0.01 |
| 89: Exploratory laparotomy | 13 | 0.00 |
| 90: Excision, lysis peritoneal adhesions | <= 10 | *.** |
| 91: Peritoneal dialysis | 399 | 0.00 |
| 92: Other bowel diagnostic procedures | <= 10 | *.** |
| 93: Other non-OR upper GI therapeutic procedures | 24 | 0.00 |
| 94: Other OR upper GI therapeutic procedures | 122 | 0.00 |
| 95: Other non-OR lower GI therapeutic procedures | <= 10 | *.** |
| 96: Other OR lower GI therapeutic procedures | 2,245 | 0.01 |
| 97: Other gastrointestinal diagnostic procedures | 67 | 0.00 |
| 98: Other non-OR gastrointestinal therapeutic procedures | 97 | 0.00 |
| 99: Other OR gastrointestinal therapeutic procedures | 282 | 0.00 |
| 100: Endoscopy and endoscopic biopsy of the urinary tract | 256 | 0.00 |

| CPTCCS1 | Frequency | Percent |
|--|-----------|---------|
| 101: Transurethral excision, drainage, or removal urinary obstruction | 1,020 | 0.00 |
| 102: Ureteral catheterization | 1,575 | 0.01 |
| 103: Nephrotomy and nephrostomy | 18 | 0.00 |
| 104: Nephrectomy, partial or complete | <= 10 | *.** |
| 106: Genitourinary incontinence procedures | 25 | 0.00 |
| 107: Extracorporeal lithotripsy, urinary | 1,031 | 0.00 |
| 108: Indwelling catheter | 30,438 | 0.11 |
| 109: Procedures on the urethra | 149 | 0.00 |
| 110: Other diagnostic procedures of urinary tract | 1,783 | 0.01 |
| 111: Other non-OR therapeutic procedures of urinary tract | 1,380 | 0.01 |
| 112: Other OR therapeutic procedures of urinary tract | 299 | 0.00 |
| 113: Transurethral resection of prostate (TURP) | 31 | 0.00 |
| 114: Open prostatectomy | <= 10 | *.** |
| 115: Circumcision | 59 | 0.00 |
| 116: Diagnostic procedures, male genital | 78 | 0.00 |
| 117: Other non-OR therapeutic procedures, male genital | 357 | 0.00 |
| 118: Other OR therapeutic procedures, male genital | 904 | 0.00 |
| 119: Oophorectomy, unilateral and bilateral | 325 | 0.00 |
| 120: Other operations on ovary | <= 10 | *.** |
| 121: Ligation of fallopian tubes | 25 | 0.00 |
| 122: Removal of ectopic pregnancy | 1,179 | 0.00 |
| 123: Other operations on fallopian tubes | 24 | 0.00 |
| 124: Hysterectomy, abdominal and vaginal | 66 | 0.00 |
| 125: Other excision of cervix and uterus | 76 | 0.00 |
| 126: Abortion (termination of pregnancy) | 27 | 0.00 |
| 127: Dilatation and curettage (D&C), aspiration after delivery or abortion | 2,551 | 0.01 |
| 128: Diagnostic dilatation and curettage (D&C) | 214 | 0.00 |
| 129: Repair of cystocele and rectocele, obliteration of vaginal vault | <= 10 | *.** |
| 130: Other diagnostic procedures, female organs | 255 | 0.00 |
| 131: Other non-OR therapeutic procedures, female organs | 285 | 0.00 |
| 132: Other OR therapeutic procedures, female organs | 3,620 | 0.01 |
| 134: Cesarean section | <= 10 | *.** |
| 135: Forceps, vacuum, and breech delivery | 75 | 0.00 |

| CPTCCS1 | Frequency | Percent |
|--|-----------|---------|
| 137: Other procedures to assist delivery | 181 | 0.00 |
| 138: Diagnostic amniocentesis | 19 | 0.00 |
| 139: Fetal monitoring | 7,554 | 0.03 |
| 140: Repair of current obstetric laceration | 14 | 0.00 |
| 141: Other therapeutic obstetrical procedures | 50 | 0.00 |
| 142: Partial excision bone | 52 | 0.00 |
| 143: Bunionectomy or repair of toe deformities | 11 | 0.00 |
| 144: Treatment, facial fracture or dislocation | 1,172 | 0.00 |
| 145: Treatment, fracture or dislocation of radius and ulna | 15,482 | 0.06 |
| 146: Treatment, fracture or dislocation of hip and femur | 1,937 | 0.01 |
| 147: Treatment, fracture or dislocation of lower extremity (other than hip or femur) | 5,956 | 0.02 |
| 148: Other fracture and dislocation procedure | 17,233 | 0.06 |
| 149: Arthroscopy | <= 10 | *.** |
| 150: Division of joint capsule, ligament or cartilage | <= 10 | *.** |
| 151: Excision of semilunar cartilage of knee | 62 | 0.00 |
| 152: Arthroplasty knee | <= 10 | *.** |
| 153: Hip replacement, total and partial | <= 10 | *.** |
| 154: Arthroplasty other than hip or knee | 38 | 0.00 |
| 155: Arthrocentesis | 4,405 | 0.02 |
| 156: Injections and aspirations of muscles, tendons, bursa, joints and soft tissue | 568 | 0.00 |
| 157: Amputation of lower extremity | 54 | 0.00 |
| 158: Spinal fusion | 12 | 0.00 |
| 159: Other diagnostic procedures on musculoskeletal system | 234 | 0.00 |
| 160: Other therapeutic procedures on muscles and tendons | 1,747 | 0.01 |
| 161: Other OR therapeutic procedures on bone | 118 | 0.00 |
| 162: Other OR therapeutic procedures on joints | 311 | 0.00 |
| 163: Other non-OR therapeutic procedures on musculoskeletal system | 126 | 0.00 |
| 164: Other OR therapeutic procedures on musculoskeletal system | 1,423 | 0.01 |
| 165: Breast biopsy and other diagnostic procedures on breast | 60 | 0.00 |
| 166: Lumpectomy, quadrantectomy of breast | 24 | 0.00 |
| 167: Mastectomy | 63 | 0.00 |
| 168: Incision and drainage, skin and subcutaneous tissue | 60,100 | 0.23 |
| 169: Debridement of wound, infection or burn | 10,976 | 0.04 |

| CPTCCS1 | Frequency | Percent |
|---|-----------|---------|
| 170: Excision of skin lesion | 2,904 | 0.01 |
| 171: Suture of skin and subcutaneous tissue | 249,047 | 0.94 |
| 172: Skin graft | 1,021 | 0.00 |
| 173: Other diagnostic procedures on skin and subcutaneous tissue | 299 | 0.00 |
| 174: Other non-OR therapeutic procedures on skin and breast | 12,569 | 0.05 |
| 175: Other OR therapeutic procedures on skin and breast | 3,924 | 0.01 |
| 176: Other organ transplantation | <= 10 | * ** |
| 177: Computerized axial tomography (CT) scan head | 458,999 | 1.72 |
| 178: CT scan chest | 80,076 | 0.30 |
| 179: CT scan abdomen | 449,766 | 1.69 |
| 180: Other CT scan | 114,111 | 0.43 |
| 181: Myelogram | 40 | 0.00 |
| 182: Mammography | 63 | 0.00 |
| 183: Routine chest X-ray | 269,193 | 1.01 |
| 184: Intraoperative cholangiogram | 15 | 0.00 |
| 185: Upper gastrointestinal X-ray | 1,000 | 0.00 |
| 186: Lower gastrointestinal X-ray | 75 | 0.00 |
| 187: Intravenous pyelogram | 52 | 0.00 |
| 188: Cerebral arteriogram | 27 | 0.00 |
| 189: Contrast aortogram | 370 | 0.00 |
| 190: Contrast arteriogram of femoral and lower extremity arteries | <= 10 | *.** |
| 191: Arterio- or venogram (not heart and head) | 2,189 | 0.01 |
| 192: Diagnostic ultrasound of head and neck | 1,562 | 0.01 |
| 193: Diagnostic ultrasound of heart (echocardiogram) | 23,091 | 0.09 |
| 195: Diagnostic ultrasound of urinary tract | <= 10 | *.** |
| 196: Diagnostic ultrasound of abdomen or retroperitoneum | 45,349 | 0.17 |
| 197: Other diagnostic ultrasound | 130,486 | 0.49 |
| 198: Magnetic resonance imaging | 39,999 | 0.15 |
| 199: Electroencephalogram (EEG) | 417 | 0.00 |
| 200: Nonoperative urinary system measurements | 146,399 | 0.55 |
| 201: Cardiac stress tests | 2,125 | 0.01 |
| 202: Electrocardiogram | 117,545 | 0.44 |
| 203: Electrographic cardiac monitoring | 1,176 | 0.00 |

| CPTCCS1 | Frequency | Percent |
|--|------------|---------|
| 205: Arterial blood gases | 1,630 | 0.01 |
| 206: Microscopic examination (bacterial smear, culture, toxicology) | 391,055 | 1.47 |
| 207: Radioisotope bone scan | 97 | 0.00 |
| 208: Radioisotope pulmonary scan | 3,657 | 0.01 |
| 209: Radioisotope scan and function studies | 36,637 | 0.14 |
| 210: Other radioisotope scan | 47 | 0.00 |
| 211: Therapeutic radiology | 214 | 0.00 |
| 212: Diagnostic physical therapy | 824 | 0.00 |
| 213: Physical therapy exercises, manipulation, and other procedures | 967 | 0.00 |
| 214: Traction, splints, and other wound care | 134,336 | 0.50 |
| 215: Other physical therapy and rehabilitation | 85 | 0.00 |
| 216: Respiratory intubation and mechanical ventilation | 5,473 | 0.02 |
| 217: Other respiratory therapy | 68,626 | 0.26 |
| 218: Psychological and psychiatric evaluation and therapy | 13,734 | 0.05 |
| 219: Alcohol and drug rehabilitation/detoxification | 1,257 | 0.00 |
| 220: Ophthalmologic and otologic diagnosis and treatment | 1,240 | 0.00 |
| 221: Nasogastric tube | 377 | 0.00 |
| 222: Blood transfusion | 9,727 | 0.04 |
| 224: Cancer chemotherapy | 104 | 0.00 |
| 225: Conversion of cardiac rhythm | 37 | 0.00 |
| 226: Other diagnostic radiology and related techniques | 751,691 | 2.82 |
| 227: Other diagnostic procedures (interview, evaluation, consultation) | 13,216,250 | 49.65 |
| 228: Prophylactic vaccinations and inoculations | 66,920 | 0.25 |
| 229: Nonoperative removal of foreign body | 13,750 | 0.05 |
| 230: Extracorporeal shock wave, other than urinary | <= 10 | * ** |
| 231: Other therapeutic procedures | 1,644,106 | 6.18 |
| 232: Anesthesia | 1,589 | 0.01 |
| 233: Laboratory - Chemistry and Hematology | 619,072 | 2.33 |
| 234: Pathology | 1,143 | 0.00 |
| 235: Other Laboratory | 40,054 | 0.15 |
| 236: Home Health Services | <= 10 | *.** |
| 237: Ancillary Services | 112,389 | 0.42 |
| 239: Transportation - patient, provider, equipment | 9,830 | 0.04 |

| CPTCCS1 | Frequency | Percent |
|--|-----------|---------|
| 240: Medications (Injections, infusions and other forms) | 275,835 | 1.04 |
| 241: Visual aids and other optical supplies | <= 10 | *.** |
| 242: Hearing devices and audiology supplies | <= 10 | *.** |
| 243: DME and supplies | | 0.31 |
| 244: Gastric bypass and volume reduction | 84 | 0.00 |

| NCPT | Frequency | Percent |
|---------------|-----------|---------|
| • | 3,650,551 | 13.71 |
| 0 | 2,701,702 | 10.15 |
| 1 | 4,544,279 | 17.07 |
| 2 | 3,274,448 | 12.30 |
| 3 | 2,305,798 | 8.66 |
| 4 | 1,545,426 | 5.81 |
| 5 | 1,096,812 | 4.12 |
| 6 | 974,593 | 3.66 |
| 7 | 766,361 | 2.88 |
| 8 | 710,951 | 2.67 |
| 9 | 674,340 | 2.53 |
| 10 | 825,542 | 3.10 |
| 11 | 568,608 | 2.14 |
| 12 | 576,612 | 2.17 |
| 13 | 401,112 | 1.51 |
| 14 | 337,458 | 1.27 |
| 15 | 278,485 | 1.05 |
| 16 or greater | 1,384,463 | 5.20 |

| NPR_ED | Frequency | Percent |
|---------------|------------|---------|
| • | 11,429,820 | 42.94 |
| 0 | 12,708,112 | 47.74 |
| 1 | 1,615,317 | 6.07 |
| 2 | 404,881 | 1.52 |
| 3 | 201,851 | 0.76 |
| 4 | 117,468 | 0.44 |
| 5 | 67,885 | 0.26 |
| 6 | 34,451 | 0.13 |
| 7 | 17,658 | 0.07 |
| 8 | 9,211 | 0.03 |
| 9 | 4,950 | 0.02 |
| 10 | 5,824 | 0.02 |
| 11 | 46 | 0.00 |
| 12 | 31 | 0.00 |
| 13 | 12 | 0.00 |
| 14 | 11 | 0.00 |
| 15 | <= 10 | *.** |
| 16 or greater | 11 | 0.00 |

| PCLASS_ED1 | Frequency | Percent |
|--|------------|---------|
| .: Missing | 24,142,426 | 90.70 |
| .A: Invalid | 1,124 | 0.00 |
| .C: Inconsistent | 22 | 0.00 |
| 1: Minor Diagnostic - Non-operating room diagnostic procedures | 916,740 | 3.44 |
| 2: Minor Therapeutic - Non-operating room therapeutic procedures | 1,483,715 | 5.57 |
| 3: Major Diagnostic - Operating room diagnostic procedures | 1,256 | 0.00 |
| 4: Major Therapeutic - Operating room therapeutic procedures | 72,258 | 0.27 |

| PRCCS_ED1 | Frequency | Percent |
|---|------------|---------|
| .: Missing | 24,142,426 | 90.70 |
| A: Invalid procedure | 1,124 | 0.00 |
| C: Inconsistent | 22 | 0.00 |
| 1: Incision and excision of CNS | 13 | 0.00 |
| 2: Insertion; replacement; or removal of extracranial ventricular shunt | <= 10 | * ** |
| 3: Laminectomy; excision intervertebral disc | 967 | 0.00 |
| 4: Diagnostic spinal tap | 13,400 | 0.05 |
| 5: Insertion of catheter or spinal stimulator and injection into spinal canal | 508 | 0.00 |
| 6: Decompression peripheral nerve | 52 | 0.00 |
| 7: Other diagnostic nervous system procedures | 11 | 0.00 |
| 8: Other non-OR or closed therapeutic nervous system procedures | 11,324 | 0.04 |
| 9: Other OR therapeutic nervous system procedures | 210 | 0.00 |
| 10: Thyroidectomy; partial or complete | 12 | 0.00 |
| 11: Diagnostic endocrine procedures | 48 | 0.00 |
| 12: Other therapeutic endocrine procedures | 14 | 0.00 |
| 13: Corneal transplant | <= 10 | *.** |
| 14: Glaucoma procedures | <= 10 | * ** |
| 15: Lens and cataract procedures | 152 | 0.00 |
| 16: Repair of retinal tear; detachment | 187 | 0.00 |
| 17: Destruction of lesion of retina and choroid | 108 | 0.00 |
| 18: Diagnostic procedures on eye | 158 | 0.00 |
| 19: Other therapeutic procedures on eyelids; conjunctiva; cornea | 28,071 | 0.11 |
| 20: Other intraocular therapeutic procedures | 863 | 0.00 |
| 21: Other extraocular muscle and orbit therapeutic procedures | 271 | 0.00 |
| 22: Tympanoplasty | <= 10 | *.** |
| 23: Myringotomy | 47 | 0.00 |
| 24: Mastoidectomy | <= 10 | *.** |
| 25: Diagnostic procedures on ear | 12 | 0.00 |
| 26: Other therapeutic ear procedures | 13,575 | 0.05 |
| 27: Control of epistaxis | 16,783 | 0.06 |
| 28: Plastic procedures on nose | 5,934 | 0.02 |
| 29: Dental procedures | 383 | 0.00 |
| 30: Tonsillectomy and/or adenoidectomy | 752 | 0.00 |

| PRCCS_ED1 | Frequency | Percent |
|--|-----------|---------|
| 31: Diagnostic procedures on nose; mouth and pharynx | 349 | 0.00 |
| 32: Other non-OR therapeutic procedures on nose; mouth and pharynx | 23,203 | 0.09 |
| 33: Other OR therapeutic procedures on nose; mouth and pharynx | 3,326 | 0.01 |
| 34: Tracheostomy; temporary and permanent | 62 | 0.00 |
| 35: Tracheoscopy and laryngoscopy with biopsy | 656 | 0.00 |
| 36: Lobectomy or pneumonectomy | <= 10 | *.** |
| 37: Diagnostic bronchoscopy and biopsy of bronchus | 499 | 0.00 |
| 38: Other diagnostic procedures on lung and bronchus | 11 | 0.00 |
| 39: Incision of pleura; thoracentesis; chest drainage | 1,633 | 0.01 |
| 40: Other diagnostic procedures of respiratory tract and mediastinum | 75 | 0.00 |
| 41: Other non-OR therapeutic procedures on respiratory system | 601 | 0.00 |
| 42: Other OR Rx procedures on respiratory system and mediastinum | 69 | 0.00 |
| 43: Heart valve procedures | <= 10 | *.** |
| 44: Coronary artery bypass graft (CABG) | <= 10 | *.** |
| 45: Percutaneous transluminal coronary angioplasty (PTCA) | 1,532 | 0.01 |
| 46: Coronary thrombolysis | <= 10 | *.** |
| 47: Diagnostic cardiac catheterization; coronary arteriography | 13,778 | 0.05 |
| 48: Insertion; revision; replacement; removal of cardiac pacemaker or cardioverter/defibrillator | 588 | 0.00 |
| 49: Other OR heart procedures | 112 | 0.00 |
| 50: Extracorporeal circulation auxiliary to open heart procedures | <= 10 | *.** |
| 51: Endarterectomy; vessel of head and neck | 12 | 0.00 |
| 52: Aortic resection; replacement or anastomosis | <= 10 | *.** |
| 53: Varicose vein stripping; lower limb | 33 | 0.00 |
| 54: Other vascular catheterization; not heart | 12,932 | 0.05 |
| 55: Peripheral vascular bypass | <= 10 | *.** |
| 56: Other vascular bypass and shunt; not heart | <= 10 | *.** |
| 57: Creation; revision and removal of arteriovenous fistula or vessel-to-vessel cannula for dialysis | 117 | 0.00 |
| 58: Hemodialysis | 4,892 | 0.02 |
| 59: Other OR procedures on vessels of head and neck | 18 | 0.00 |
| 60: Embolectomy and endarterectomy of lower limbs | <= 10 | *.** |
| 61: Other OR procedures on vessels other than head and neck | 1,284 | 0.00 |
| 62: Other diagnostic cardiovascular procedures | 162 | 0.00 |
| 63: Other non-OR therapeutic cardiovascular procedures | 556 | 0.00 |

| PRCCS_ED1 | Frequency | Percent |
|---|-----------|---------|
| 64: Bone marrow transplant | <= 10 | *.** |
| 65: Bone marrow biopsy | 72 | 0.00 |
| 66: Procedures on spleen | <= 10 | *.** |
| 67: Other therapeutic procedures; hemic and lymphatic system | 274 | 0.00 |
| 69: Esophageal dilatation | 879 | 0.00 |
| 70: Upper gastrointestinal endoscopy; biopsy | 14,495 | 0.05 |
| 71: Gastrostomy; temporary and permanent | 358 | 0.00 |
| 72: Colostomy; temporary and permanent | <= 10 | * ** |
| 73: Ileostomy and other enterostomy | 22 | 0.00 |
| 74: Gastrectomy; partial and total | <= 10 | * ** |
| 75: Small bowel resection | 17 | 0.00 |
| 76: Colonoscopy and biopsy | 2,756 | 0.01 |
| 77: Proctoscopy and anorectal biopsy | 808 | 0.00 |
| 78: Colorectal resection | 64 | 0.00 |
| 79: Local excision of large intestine lesion (not endoscopic) | <= 10 | * ** |
| 80: Appendectomy | 14,052 | 0.05 |
| 81: Hemorrhoid procedures | 1,596 | 0.01 |
| 82: Endoscopic retrograde cannulation of pancreas (ERCP) | 63 | 0.00 |
| 83: Biopsy of liver | 90 | 0.00 |
| 84: Cholecystectomy and common duct exploration | 5,615 | 0.02 |
| 85: Inguinal and femoral hernia repair | 653 | 0.00 |
| 86: Other hernia repair | 509 | 0.00 |
| 87: Laparoscopy (GI only) | 225 | 0.00 |
| 88: Abdominal paracentesis | 2,622 | 0.01 |
| 89: Exploratory laparotomy | 32 | 0.00 |
| 90: Excision; lysis peritoneal adhesions | 138 | 0.00 |
| 91: Peritoneal dialysis | 68 | 0.00 |
| 92: Other bowel diagnostic procedures | 70 | 0.00 |
| 93: Other non-OR upper GI therapeutic procedures | 6,521 | 0.02 |
| 94: Other OR upper GI therapeutic procedures | 353 | 0.00 |
| 95: Other non-OR lower GI therapeutic procedures | 3,521 | 0.01 |
| 96: Other OR lower GI therapeutic procedures | 2,619 | 0.01 |
| 97: Other gastrointestinal diagnostic procedures | 77 | 0.00 |

| PRCCS_ED1 | Frequency | Percent |
|--|-----------|---------|
| 98: Other non-OR gastrointestinal therapeutic procedures | 1,473 | 0.01 |
| 99: Other OR gastrointestinal therapeutic procedures | 252 | 0.00 |
| 100: Endoscopy and endoscopic biopsy of the urinary tract | 325 | 0.00 |
| 101: Transurethral excision; drainage; or removal urinary obstruction | 4,300 | 0.02 |
| 102: Ureteral catheterization | 1,831 | 0.01 |
| 103: Nephrotomy and nephrostomy | 71 | 0.00 |
| 104: Nephrectomy; partial or complete | <= 10 | * ** |
| 106: Genitourinary incontinence procedures | 27 | 0.00 |
| 107: Extracorporeal lithotripsy; urinary | 346 | 0.00 |
| 108: Indwelling catheter | 35,739 | 0.13 |
| 109: Procedures on the urethra | 319 | 0.00 |
| 110: Other diagnostic procedures of urinary tract | 45 | 0.00 |
| 111: Other non-OR therapeutic procedures of urinary tract | 5,954 | 0.02 |
| 112: Other OR therapeutic procedures of urinary tract | 761 | 0.00 |
| 113: Transurethral resection of prostate (TURP) | 76 | 0.00 |
| 114: Open prostatectomy | <= 10 | *.** |
| 115: Circumcision | 41 | 0.00 |
| 116: Diagnostic procedures; male genital | 23 | 0.00 |
| 117: Other non-OR therapeutic procedures; male genital | 1,146 | 0.00 |
| 118: Other OR therapeutic procedures; male genital | 1,366 | 0.01 |
| 119: Oophorectomy; unilateral and bilateral | 271 | 0.00 |
| 120: Other operations on ovary | 352 | 0.00 |
| 121: Ligation or occlusion of fallopian tubes | 19 | 0.00 |
| 122: Removal of ectopic pregnancy | 1,339 | 0.01 |
| 123: Other operations on fallopian tubes | 150 | 0.00 |
| 124: Hysterectomy; abdominal and vaginal | 69 | 0.00 |
| 125: Other excision of cervix and uterus | 138 | 0.00 |
| 126: Abortion (termination of pregnancy) | 20 | 0.00 |
| 127: Dilatation and curettage (D&C); aspiration after delivery or abortion | 3,005 | 0.01 |
| 128: Diagnostic dilatation and curettage (D&C) | 317 | 0.00 |
| 129: Repair of cystocele and rectocele; obliteration of vaginal vault | <= 10 | *.** |
| 130: Other diagnostic procedures; female organs | 190 | 0.00 |
| 131: Other non-OR therapeutic procedures; female organs | 542 | 0.00 |

| PRCCS_ED1 | Frequency | Percent |
|--|-----------|---------|
| 132: Other OR therapeutic procedures; female organs | 7,235 | 0.03 |
| 133: Episiotomy | <= 10 | * ** |
| 134: Cesarean section | <= 10 | *.** |
| 135: Forceps; vacuum; and breech delivery | <= 10 | *.** |
| 136: Artificial rupture of membranes to assist delivery | <= 10 | *.** |
| 137: Other procedures to assist delivery | 92 | 0.00 |
| 138: Diagnostic amniocentesis | 13 | 0.00 |
| 139: Fetal monitoring | 5,513 | 0.02 |
| 140: Repair of current obstetric laceration | 15 | 0.00 |
| 141: Other therapeutic obstetrical procedures | 76 | 0.00 |
| 142: Partial excision bone | 104 | 0.00 |
| 143: Bunionectomy or repair of toe deformities | 16 | 0.00 |
| 144: Treatment; facial fracture or dislocation | 1,001 | 0.00 |
| 145: Treatment; fracture or dislocation of radius and ulna | 19,801 | 0.07 |
| 146: Treatment; fracture or dislocation of hip and femur | 3,283 | 0.01 |
| 147: Treatment; fracture or dislocation of lower extremity (other than hip or femur) | 7,075 | 0.03 |
| 148: Other fracture and dislocation procedure | 23,919 | 0.09 |
| 149: Arthroscopy | 14 | 0.00 |
| 150: Division of joint capsule; ligament or cartilage | <= 10 | *.** |
| 151: Excision of semilunar cartilage of knee | 50 | 0.00 |
| 152: Arthroplasty knee | 23 | 0.00 |
| 153: Hip replacement; total and partial | 59 | 0.00 |
| 154: Arthroplasty other than hip or knee | 51 | 0.00 |
| 155: Arthrocentesis | 5,171 | 0.02 |
| 156: Injections and aspirations of muscles; tendons; bursa; joints and soft tissue | 585 | 0.00 |
| 157: Amputation of lower extremity | 59 | 0.00 |
| 158: Spinal fusion | 28 | 0.00 |
| 159: Other diagnostic procedures on musculoskeletal system | 211 | 0.00 |
| 160: Other therapeutic procedures on muscles and tendons | 3,020 | 0.01 |
| 161: Other OR therapeutic procedures on bone | 413 | 0.00 |
| 162: Other OR therapeutic procedures on joints | 207 | 0.00 |
| 163: Other non-OR therapeutic procedures on musculoskeletal system | 9,455 | 0.04 |
| 164: Other OR therapeutic procedures on musculoskeletal system | 661 | 0.00 |

| PRCCS_ED1 | Frequency | Percent |
|---|-----------|---------|
| 165: Breast biopsy and other diagnostic procedures on breast | 62 | 0.00 |
| 166: Lumpectomy; quadrantectomy of breast | 48 | 0.00 |
| 167: Mastectomy | <= 10 | *.** |
| 168: Incision and drainage; skin and subcutaneous tissue | 120,864 | 0.45 |
| 169: Debridement of wound; infection or burn | 5,730 | 0.02 |
| 170: Excision of skin lesion | 1,038 | 0.00 |
| 171: Suture of skin and subcutaneous tissue | 340,244 | 1.28 |
| 172: Skin graft | 386 | 0.00 |
| 173: Other diagnostic procedures on skin and subcutaneous tissue | 222 | 0.00 |
| 174: Other non-OR therapeutic procedures on skin and breast | 23,762 | 0.09 |
| 175: Other OR therapeutic procedures on skin and breast | 5,853 | 0.02 |
| 176: Other organ transplantation | <= 10 | *.** |
| 177: Computerized axial tomography (CT) scan head | 51,252 | 0.19 |
| 178: CT scan chest | 12,322 | 0.05 |
| 179: CT scan abdomen | 33,333 | 0.13 |
| 180: Other CT scan | 4,123 | 0.02 |
| 181: Myelogram | 60 | 0.00 |
| 182: Mammography | 19 | 0.00 |
| 183: Routine chest X-ray | 111,940 | 0.42 |
| 184: Intraoperative cholangiogram | <= 10 | *.** |
| 185: Upper gastrointestinal X-ray | 42 | 0.00 |
| 186: Lower gastrointestinal X-ray | 18 | 0.00 |
| 187: Intravenous pyelogram | 43 | 0.00 |
| 188: Cerebral arteriogram | 246 | 0.00 |
| 189: Contrast aortogram | 50 | 0.00 |
| 190: Contrast arteriogram of femoral and lower extremity arteries | 41 | 0.00 |
| 191: Arterio- or venogram (not heart and head) | 233 | 0.00 |
| 192: Diagnostic ultrasound of head and neck | 143 | 0.00 |
| 193: Diagnostic ultrasound of heart (echocardiogram) | 7,273 | 0.03 |
| 194: Diagnostic ultrasound of gastrointestinal tract | 939 | 0.00 |
| 195: Diagnostic ultrasound of urinary tract | 746 | 0.00 |
| 196: Diagnostic ultrasound of abdomen or retroperitoneum | 4,816 | 0.02 |
| 197: Other diagnostic ultrasound | 16,313 | 0.06 |

| PRCCS_ED1 | Frequency | Percent |
|--|-----------|---------|
| 198: Magnetic resonance imaging | 1,666 | 0.01 |
| 199: Electroencephalogram (EEG) | 162 | 0.00 |
| 200: Nonoperative urinary system measurements | 672 | 0.00 |
| 201: Cardiac stress tests | 2,418 | 0.01 |
| 202: Electrocardiogram | 25,280 | 0.09 |
| 203: Electrographic cardiac monitoring | 2,540 | 0.01 |
| 204: Swan-Ganz catheterization for monitoring | <= 10 | *.** |
| 205: Arterial blood gases | 779 | 0.00 |
| 206: Microscopic examination (bacterial smear; culture; toxicology) | 709 | 0.00 |
| 207: Radioisotope bone scan | <= 10 | *.** |
| 208: Radioisotope pulmonary scan | 150 | 0.00 |
| 209: Radioisotope scan and function studies | 1,540 | 0.01 |
| 210: Other radioisotope scan | 22 | 0.00 |
| 211: Therapeutic radiology for cancer treatment | 47 | 0.00 |
| 212: Diagnostic physical therapy | 62 | 0.00 |
| 213: Physical therapy exercises; manipulation; and other procedures | 92 | 0.00 |
| 214: Traction; splints; and other wound care | 251,751 | 0.95 |
| 215: Other physical therapy and rehabilitation | 131 | 0.00 |
| 216: Respiratory intubation and mechanical ventilation | 7,994 | 0.03 |
| 217: Other respiratory therapy | 15,745 | 0.06 |
| 218: Psychological and psychiatric evaluation and therapy | 324 | 0.00 |
| 219: Alcohol and drug rehabilitation/detoxification | 456 | 0.00 |
| 220: Ophthalmologic and otologic diagnosis and treatment | 419 | 0.00 |
| 221: Nasogastric tube | 867 | 0.00 |
| 222: Blood transfusion | 6,933 | 0.03 |
| 223: Enteral and parenteral nutrition | 123 | 0.00 |
| 224: Cancer chemotherapy | 2,209 | 0.01 |
| 225: Conversion of cardiac rhythm | 7,981 | 0.03 |
| 226: Other diagnostic radiology and related techniques | 134,931 | 0.51 |
| 227: Other diagnostic procedures (interview; evaluation; consultation) | 447,770 | 1.68 |
| 228: Prophylactic vaccinations and inoculations | 29,842 | 0.11 |
| 229: Nonoperative removal of foreign body | 25,998 | 0.10 |

| PRCCS_ED1 | Frequency | Percent |
|---|-----------|---------|
| 230: Extracorporeal shock wave other than urinary | <= 10 | * ** |
| 231: Other therapeutic procedures | 394,465 | 1.48 |

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| Frequency Distribution for PR_ED1 | |

| PR_ED1 | Frequency | Percent |
|------------------------|------------|---------|
| Blank | 24,142,426 | 90.70 |
| Valid PR | 2,473,969 | 9.29 |
| Inconsistent PR (incn) | 22 | 0.00 |
| Invalid PR (invl) | 1,124 | 0.00 |