

**HCUP Summary Statistics Report: NEDS 2018 ED File**  
**Means of Continuous Data Elements**

Variable / Label	N	N Miss	Min	Max	Mean	Std Dev
CPTCCS1 : CCS: CPT 1	28,401,492	2,315,172	1.00	244.00	218.17	24.76
CPTCCS2 : CCS: CPT 2	23,197,766	7,518,898	1.00	244.00	216.28	25.19
CPTCCS3 : CCS: CPT 3	19,230,007	11,486,657	1.00	244.00	219.94	21.72
CPTCCS4 : CCS: CPT 4	16,350,156	14,366,508	1.00	244.00	221.81	20.46
CPTCCS5 : CCS: CPT 5	14,271,980	16,444,684	1.00	244.00	223.19	19.44
CPTCCS6 : CCS: CPT 6	12,716,141	18,000,523	1.00	244.00	224.03	18.83
CPTCCS7 : CCS: CPT 7	11,346,667	19,369,997	2.00	244.00	224.53	18.44
CPTCCS8 : CCS: CPT 8	10,072,022	20,644,642	1.00	244.00	224.90	18.25
CPTCCS9 : CCS: CPT 9	8,846,861	21,869,803	1.00	244.00	225.30	18.07
CPTCCS10 : CCS: CPT 10	7,697,513	23,019,151	1.00	243.00	225.76	17.94
CPTCCS11 : CCS: CPT 11	6,637,189	24,079,475	2.00	243.00	226.22	17.89
CPTCCS12 : CCS: CPT 12	5,677,835	25,038,829	2.00	243.00	226.74	17.70
CPTCCS13 : CCS: CPT 13	4,726,790	25,989,874	2.00	243.00	227.16	17.86
CPTCCS14 : CCS: CPT 14	4,028,152	26,688,512	1.00	243.00	227.49	17.92
CPTCCS15 : CCS: CPT 15	3,434,939	27,281,725	1.00	244.00	227.74	18.00
CPTCCS16 : CCS: CPT 16	2,945,518	27,771,146	1.00	243.00	227.97	17.91
CPTCCS17 : CCS: CPT 17	2,547,401	28,169,263	1.00	243.00	228.23	17.65
CPTCCS18 : CCS: CPT 18	2,220,288	28,496,376	1.00	243.00	228.39	17.66
CPTCCS19 : CCS: CPT 19	1,947,374	28,769,290	1.00	243.00	228.52	17.65
CPTCCS20 : CCS: CPT 20	1,723,269	28,993,395	2.00	243.00	228.64	17.62

(Continued)

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Variable / Label	N	N Miss	Min	Max	Mean	Std Dev
CPTCCS21 : CCS: CPT 21	1,441,990	29,274,674	2.00	243.00	228.84	17.42
CPTCCS22 : CCS: CPT 22	1,251,581	29,465,083	2.00	244.00	229.11	17.43
CPTCCS23 : CCS: CPT 23	1,122,877	29,593,787	2.00	243.00	229.22	17.46
CPTCCS24 : CCS: CPT 24	1,011,448	29,705,216	2.00	244.00	229.29	17.59
CPTCCS25 : CCS: CPT 25	911,889	29,804,775	1.00	243.00	229.43	17.58
CPTCCS26 : CCS: CPT 26	776,931	29,939,733	1.00	244.00	229.46	17.73
CPTCCS27 : CCS: CPT 27	700,129	30,016,535	1.00	243.00	229.60	17.78
CPTCCS28 : CCS: CPT 28	634,036	30,082,628	2.00	243.00	229.76	17.83
CPTCCS29 : CCS: CPT 29	573,341	30,143,323	2.00	243.00	229.96	17.85
CPTCCS30 : CCS: CPT 30	518,394	30,198,270	2.00	243.00	230.16	17.76
CPTCCS31 : CCS: CPT 31	437,946	30,278,718	2.00	243.00	230.32	17.69
CPTCCS32 : CCS: CPT 32	368,407	30,348,257	2.00	243.00	230.68	17.47
CPTCCS33 : CCS: CPT 33	332,984	30,383,680	2.00	243.00	230.90	17.55
CPTCCS34 : CCS: CPT 34	302,480	30,414,184	2.00	243.00	231.01	17.67
CPTCCS35 : CCS: CPT 35	275,844	30,440,820	2.00	243.00	231.21	17.58
NCPT : Number of CPT/HCPCS procedures for this visit	30,716,664	0	0.00	35.00	6.51	6.82

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***HCUP Summary Statistics Report: NEDS 2018 ED File  
Frequency Distribution for CPT1***

CPT1	Frequency	Percent
Blank	2,124,006	6.91
Anesthesia	5,666	0.02
Other	441,347	1.44
Surgery	2,468,356	8.04
Radiology	4,415,876	14.38
Pathology and Laboratory	2,160,816	7.03
Medicine	1,653,953	5.38
Evaluation and Management	16,188,374	52.70
Transportation	5,912	0.02
Medical and Surgical Supplies	5,383	0.02
Miscellaneous and Experimental	59,732	0.19
Enteral and Parenteral Therapy	68	0.00
Dental	610	0.00
Durable Medical Equipment	330	0.00
Temporary Procedures/Services	374,411	1.22
Drugs (Non-oral)	602,949	1.96
Chemotherapy Drugs	674	0.00
Orthotic	11,657	0.04
Prosthetic	44	0.00
Temporary Codes	11	0.00
Private Payer Codes	9,291	0.03
Vision	12	0.00
Hearing	<= 10	*.**
Local Codes	1,152	0.00
CPT/HCPCS inconsistent with sex	197	0.00
Invalid CPT/HCPCS (invl)	185,836	0.61

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**HCUP Summary Statistics Report: NEDS 2018 ED File  
Frequency Distribution for CPTCCS1**

CPTCCS1	Frequency	Percent
.: Missing	2,129,139	6.93
A: Invalid	185,836	0.61
C: Inconsistent	197	0.00
1: Incision and excision of CNS	14	0.00
2: Insertion, replacement, or removal of extracranial ventricular shunt	138	0.00
3: Laminectomy, excision intervertebral disc	481	0.00
4: Diagnostic spinal tap	6,929	0.02
5: Insertion of catheter or spinal stimulator and injection into spinal canal	571	0.00
6: Decompression peripheral nerve	111	0.00
7: Other diagnostic nervous system procedures	78	0.00
8: Other non-OR or closed therapeutic nervous system procedures	19,701	0.06
9: Other OR therapeutic nervous system procedures	1,177	0.00
10: Thyroidectomy, partial or complete	64	0.00
11: Diagnostic endocrine procedures	<= 10	* .**
12: Other therapeutic endocrine procedures	34	0.00
13: Corneal transplant	12	0.00
14: Glaucoma procedures	52	0.00
15: Lens and cataract procedures	96	0.00
16: Repair of retinal tear, detachment	233	0.00
17: Destruction of lesion of retina and choroid	17	0.00
18: Diagnostic procedures on eye	255	0.00
19: Other therapeutic procedures on eyelids, conjunctiva, cornea	2,706	0.01
20: Other intraocular therapeutic procedures	223	0.00
21: Other extraocular muscle and orbit therapeutic procedures	48	0.00
22: Tympanoplasty	<= 10	* .**
23: Myringotomy	40	0.00
24: Mastoidectomy	<= 10	* .**
25: Diagnostic procedures on ear	<= 10	* .**
26: Other therapeutic ear procedures	13,522	0.04
27: Control of epistaxis	15,248	0.05
28: Plastic procedures on nose	53	0.00

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Frequency Distribution for CPTCCS1***

CPTCCS1	Frequency	Percent
29: Oral and Dental Services	6,130	0.02
30: Tonsillectomy and/or adenoidectomy	263	0.00
31: Diagnostic procedures on nose, mouth and pharynx	468	0.00
32: Other non-OR therapeutic procedures on nose, mouth and pharynx	1,642	0.01
33: Other OR therapeutic procedures on nose, mouth and pharynx	4,820	0.02
34: Tracheostomy, temporary and permanent	79	0.00
35: Tracheoscopy and laryngoscopy with biopsy	1,103	0.00
36: Lobectomy or pneumonectomy	<= 10	* .**
37: Diagnostic bronchoscopy and biopsy of bronchus	544	0.00
38: Other diagnostic procedures on lung and bronchus	620	0.00
39: Incision of pleura, thoracentesis, chest drainage	3,287	0.01
40: Other diagnostic procedures of respiratory tract and mediastinum	<= 10	* .**
41: Other non-OR therapeutic procedures on respiratory system	598	0.00
42: Other OR therapeutic procedures on respiratory system	978	0.00
43: Heart valve procedures	<= 10	* .**
44: Coronary artery bypass graft (CABG)	<= 10	* .**
45: Percutaneous transluminal coronary angioplasty (PTCA)	2,554	0.01
46: Coronary thrombolysis	16	0.00
47: Diagnostic cardiac catheterization, coronary arteriography	17,406	0.06
48: Insertion, revision, replacement, removal of cardiac pacemaker or cardioverter/defibrillator	1,224	0.00
49: Other OR heart procedures	126	0.00
50: Extracorporeal circulation auxiliary to open heart procedures	13	0.00
51: Endarterectomy, vessel of head and neck	<= 10	* .**
52: Aortic resection, replacement or anastomosis	21	0.00
53: Varicose vein stripping, lower limb	26	0.00
54: Other vascular catheterization, not heart	30,060	0.10
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	1,718	0.01
58: Hemodialysis	10,112	0.03
59: Other OR procedures on vessels of head and neck	104	0.00

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CPTCCS1	Frequency	Percent
60: Embolectomy and endarterectomy of lower limbs	13	0.00
61: Other OR procedures on vessels other than head and neck	1,098	0.00
62: Other diagnostic cardiovascular procedures	1,255	0.00
63: Other non-OR therapeutic cardiovascular procedures	12,578	0.04
64: Bone marrow transplant	<= 10	*.**
65: Bone marrow biopsy	91	0.00
66: Procedures on spleen	<= 10	*.**
67: Other therapeutic procedures, hemic and lymphatic system	412	0.00
68: Injection or ligation of esophageal varices	93	0.00
69: Esophageal dilatation	894	0.00
70: Upper gastrointestinal endoscopy, biopsy	18,845	0.06
71: Gastrostomy, temporary and permanent	9,484	0.03
72: Colostomy, temporary and permanent	11	0.00
73: Ileostomy and other enterostomy	452	0.00
75: Small bowel resection	14	0.00
76: Colonoscopy and biopsy	3,543	0.01
77: Proctoscopy and anorectal biopsy	1,234	0.00
78: Colorectal resection	51	0.00
79: Local excision of large intestine lesion (not endoscopic)	<= 10	*.**
80: Appendectomy	30,265	0.10
81: Hemorrhoid procedures	1,488	0.00
82: Endoscopic retrograde cannulation of pancreas (ERCP)	695	0.00
83: Biopsy of liver	203	0.00
84: Cholecystectomy and common duct exploration	15,119	0.05
85: Inguinal and femoral hernia repair	1,249	0.00
86: Other hernia repair	1,258	0.00
87: Laparoscopy	1,120	0.00
88: Abdominal paracentesis	8,175	0.03
89: Exploratory laparotomy	38	0.00
90: Excision, lysis peritoneal adhesions	<= 10	*.**
91: Peritoneal dialysis	115	0.00

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CPTCCS1	Frequency	Percent
92: Other bowel diagnostic procedures	<= 10	*.**
93: Other non-OR upper GI therapeutic procedures	92	0.00
94: Other OR upper GI therapeutic procedures	201	0.00
95: Other non-OR lower GI therapeutic procedures	27	0.00
96: Other OR lower GI therapeutic procedures	4,598	0.01
97: Other gastrointestinal diagnostic procedures	183	0.00
98: Other non-OR gastrointestinal therapeutic procedures	311	0.00
99: Other OR gastrointestinal therapeutic procedures	733	0.00
100: Endoscopy and endoscopic biopsy of the urinary tract	569	0.00
101: Transurethral excision, drainage, or removal urinary obstruction	2,556	0.01
102: Ureteral catheterization	5,219	0.02
103: Nephrotomy and nephrostomy	1,327	0.00
104: Nephrectomy, partial or complete	<= 10	*.**
106: Genitourinary incontinence procedures	34	0.00
107: Extracorporeal lithotripsy, urinary	4,168	0.01
108: Indwelling catheter	37,507	0.12
109: Procedures on the urethra	324	0.00
110: Other diagnostic procedures of urinary tract	2,137	0.01
111: Other non-OR therapeutic procedures of urinary tract	2,215	0.01
112: Other OR therapeutic procedures of urinary tract	621	0.00
113: Transurethral resection of prostate (TURP)	196	0.00
114: Open prostatectomy	<= 10	*.**
115: Circumcision	105	0.00
116: Diagnostic procedures, male genital	210	0.00
117: Other non-OR therapeutic procedures, male genital	851	0.00
118: Other OR therapeutic procedures, male genital	2,792	0.01
119: Oophorectomy, unilateral and bilateral	992	0.00
120: Other operations on ovary	31	0.00
121: Ligation of fallopian tubes	22	0.00
122: Removal of ectopic pregnancy	2,706	0.01
123: Other operations on fallopian tubes	35	0.00

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Frequency Distribution for CPTCCS1***

CPTCCS1	Frequency	Percent
124: Hysterectomy, abdominal and vaginal	252	0.00
125: Other excision of cervix and uterus	177	0.00
126: Abortion (termination of pregnancy)	44	0.00
127: Dilatation and curettage (D&C), aspiration after delivery or abortion	4,185	0.01
128: Diagnostic dilatation and curettage (D&C)	295	0.00
129: Repair of cystocele and rectocele, obliteration of vaginal vault	60	0.00
130: Other diagnostic procedures, female organs	646	0.00
131: Other non-OR therapeutic procedures, female organs	485	0.00
132: Other OR therapeutic procedures, female organs	7,110	0.02
134: Cesarean section	37	0.00
135: Forceps, vacuum, and breech delivery	111	0.00
137: Other procedures to assist delivery	133	0.00
138: Diagnostic amniocentesis	154	0.00
139: Fetal monitoring	15,962	0.05
140: Repair of current obstetric laceration	69	0.00
141: Other therapeutic obstetrical procedures	111	0.00
142: Partial excision bone	264	0.00
143: Bunionectomy or repair of toe deformities	34	0.00
144: Treatment, facial fracture or dislocation	2,246	0.01
145: Treatment, fracture or dislocation of radius and ulna	27,090	0.09
146: Treatment, fracture or dislocation of hip and femur	4,051	0.01
147: Treatment, fracture or dislocation of lower extremity (other than hip or femur)	12,930	0.04
148: Other fracture and dislocation procedure	27,346	0.09
149: Arthroscopy	35	0.00
150: Division of joint capsule, ligament or cartilage	18	0.00
151: Excision of semilunar cartilage of knee	117	0.00
152: Arthroplasty knee	73	0.00
153: Hip replacement, total and partial	26	0.00
154: Arthroplasty other than hip or knee	65	0.00
155: Arthrocentesis	7,132	0.02
156: Injections and aspirations of muscles, tendons, bursa, joints and soft tissue	3,421	0.01

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CPTCCS1	Frequency	Percent
157: Amputation of lower extremity	146	0.00
158: Spinal fusion	54	0.00
159: Other diagnostic procedures on musculoskeletal system	197	0.00
160: Other therapeutic procedures on muscles and tendons	2,586	0.01
161: Other OR therapeutic procedures on bone	440	0.00
162: Other OR therapeutic procedures on joints	448	0.00
163: Other non-OR therapeutic procedures on musculoskeletal system	248	0.00
164: Other OR therapeutic procedures on musculoskeletal system	1,395	0.00
165: Breast biopsy and other diagnostic procedures on breast	158	0.00
166: Lumpectomy, quadrantectomy of breast	76	0.00
167: Mastectomy	65	0.00
168: Incision and drainage, skin and subcutaneous tissue	96,235	0.31
169: Debridement of wound, infection or burn	14,756	0.05
170: Excision of skin lesion	4,811	0.02
171: Suture of skin and subcutaneous tissue	352,960	1.15
172: Skin graft	792	0.00
173: Other diagnostic procedures on skin and subcutaneous tissue	1,076	0.00
174: Other non-OR therapeutic procedures on skin and breast	21,157	0.07
175: Other OR therapeutic procedures on skin and breast	4,575	0.01
176: Other organ transplantation	<= 10	*.**
177: Computerized axial tomography (CT) scan head	775,713	2.53
178: CT scan chest	205,322	0.67
179: CT scan abdomen	1,099,618	3.58
180: Other CT scan	301,726	0.98
181: Myelogram	71	0.00
182: Mammography	208	0.00
183: Routine chest X-ray	614,783	2.00
184: Intraoperative cholangiogram	18	0.00
185: Upper gastrointestinal X-ray	803	0.00
186: Lower gastrointestinal X-ray	150	0.00
187: Intravenous pyelogram	13	0.00

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CPTCCS1	Frequency	Percent
189: Contrast aortogram	2,008	0.01
190: Contrast arteriogram of femoral and lower extremity arteries	<= 10	*. **
191: Arterio- or venogram (not heart and head)	14,903	0.05
192: Diagnostic ultrasound of head and neck	4,269	0.01
193: Diagnostic ultrasound of heart (echocardiogram)	46,235	0.15
195: Diagnostic ultrasound of urinary tract	106	0.00
196: Diagnostic ultrasound of abdomen or retroperitoneum	89,455	0.29
197: Other diagnostic ultrasound	240,480	0.78
198: Magnetic resonance imaging	107,306	0.35
199: Electroencephalogram (EEG)	3,455	0.01
200: Nonoperative urinary system measurements	232,943	0.76
201: Cardiac stress tests	1,851	0.01
202: Electrocardiogram	211,527	0.69
203: Electrographic cardiac monitoring	2,240	0.01
205: Arterial blood gases	3,989	0.01
206: Microscopic examination (bacterial smear, culture, toxicology)	753,556	2.45
207: Radioisotope bone scan	151	0.00
208: Radioisotope pulmonary scan	4,357	0.01
209: Radioisotope scan and function studies	61,886	0.20
210: Other radioisotope scan	112	0.00
211: Therapeutic radiology	784	0.00
212: Diagnostic physical therapy	1,648	0.01
213: Physical therapy exercises, manipulation, and other procedures	4,587	0.01
214: Traction, splints, and other wound care	144,510	0.47
215: Other physical therapy and rehabilitation	536	0.00
216: Respiratory intubation and mechanical ventilation	9,955	0.03
217: Other respiratory therapy	105,985	0.35
218: Psychological and psychiatric evaluation and therapy	23,397	0.08
219: Alcohol and drug rehabilitation/detoxification	651	0.00
220: Ophthalmologic and otologic diagnosis and treatment	869	0.00
221: Nasogastric tube	555	0.00

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222: Blood transfusion	14,443	0.05
224: Cancer chemotherapy	164	0.00
225: Conversion of cardiac rhythm	256	0.00
226: Other diagnostic radiology and related techniques	1,031,104	3.36
227: Other diagnostic procedures (interview, evaluation, consultation)	16,340,702	53.20
228: Prophylactic vaccinations and inoculations	86,827	0.28
229: Nonoperative removal of foreign body	20,713	0.07
230: Extracorporeal shock wave, other than urinary	<= 10	*,**
231: Other therapeutic procedures	2,344,158	7.63
232: Anesthesia	5,176	0.02
233: Laboratory - Chemistry and Hematology	1,369,104	4.46
234: Pathology	1,881	0.01
235: Other Laboratory	166,561	0.54
236: Home Health Services	<= 10	*,**
237: Ancillary Services	202,792	0.66
239: Transportation - patient, provider, equipment	5,916	0.02
240: Medications (Injections, infusions and other forms)	660,772	2.15
241: Visual aids and other optical supplies	12	0.00
242: Hearing devices and audiology supplies	<= 10	*,**
243: DME and supplies	134,872	0.44
244: Gastric bypass and volume reduction	71	0.00

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Frequency Distribution for NCPT***

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0	2,124,006	6.91
1	5,297,351	17.25
2	3,992,976	13.00
3	2,898,179	9.44
4	2,087,774	6.80
5	1,560,141	5.08
6	1,367,974	4.45
7	1,274,296	4.15
8	1,226,792	3.99
9	1,151,889	3.75
10	1,064,132	3.46
11	962,980	3.14
12	954,062	3.11
13	701,059	2.28
14	594,582	1.94
15	491,628	1.60
16	400,185	1.30
17	328,290	1.07
18	273,609	0.89
19	224,486	0.73
20	282,097	0.92
21	189,942	0.62
22	128,362	0.42
23	110,954	0.36
24	99,179	0.32
25	136,161	0.44
26	76,531	0.25
27	66,027	0.21
28	60,662	0.20
29	54,946	0.18
30	81,374	0.26

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Frequency Distribution for NCPT***

<b>NCPT</b>	<b>Frequency</b>	<b>Percent</b>
31	70,896	0.23
32	35,588	0.12
33	30,821	0.10
34	27,065	0.09
35	289,668	0.94

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