

HCUP Summary Statistics Report: NEDS 2019 ED File
Means of Continuous Data Elements

Variable / Label	N	N Miss	Min	Max	Mean	Std Dev
CPTCCS1 : CCS: CPT 1	26,036,549	2,367,292	1.00	999.00	218.13	25.39
CPTCCS2 : CCS: CPT 2	21,403,527	7,000,314	1.00	999.00	215.75	28.28
CPTCCS3 : CCS: CPT 3	17,958,311	10,445,530	1.00	999.00	219.75	24.84
CPTCCS4 : CCS: CPT 4	15,416,228	12,987,613	1.00	999.00	221.81	23.54
CPTCCS5 : CCS: CPT 5	13,521,982	14,881,859	1.00	999.00	223.40	22.31
CPTCCS6 : CCS: CPT 6	12,132,763	16,271,078	1.00	999.00	224.42	21.70
CPTCCS7 : CCS: CPT 7	10,904,848	17,498,993	1.00	999.00	225.04	21.55
CPTCCS8 : CCS: CPT 8	9,771,920	18,631,921	1.00	999.00	225.40	21.39
CPTCCS9 : CCS: CPT 9	8,650,790	19,753,051	1.00	999.00	225.78	21.26
CPTCCS10 : CCS: CPT 10	7,598,046	20,805,795	1.00	999.00	226.20	21.46
CPTCCS11 : CCS: CPT 11	6,598,848	21,804,993	1.00	999.00	226.67	21.57
CPTCCS12 : CCS: CPT 12	5,663,126	22,740,715	1.00	999.00	227.16	22.22
CPTCCS13 : CCS: CPT 13	4,782,736	23,621,105	1.00	999.00	227.56	23.10
CPTCCS14 : CCS: CPT 14	4,082,597	24,321,244	1.00	999.00	227.87	23.95
CPTCCS15 : CCS: CPT 15	3,473,369	24,930,472	1.00	999.00	228.17	25.47
CPTCCS16 : CCS: CPT 16	2,966,526	25,437,315	1.00	999.00	228.50	26.89
CPTCCS17 : CCS: CPT 17	2,544,839	25,859,002	1.00	999.00	228.83	28.48
CPTCCS18 : CCS: CPT 18	2,204,269	26,199,572	1.00	999.00	229.10	30.46
CPTCCS19 : CCS: CPT 19	1,920,533	26,483,308	2.00	999.00	229.42	32.35
CPTCCS20 : CCS: CPT 20	1,691,964	26,711,877	1.00	999.00	229.61	33.81

(Continued)

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Variable / Label	N	N Miss	Min	Max	Mean	Std Dev
CPTCCS21 : CCS: CPT 21	1,416,636	26,987,205	2.00	999.00	230.12	36.23
CPTCCS22 : CCS: CPT 22	1,253,810	27,150,031	2.00	999.00	230.56	39.05
CPTCCS23 : CCS: CPT 23	1,120,664	27,283,177	2.00	999.00	231.01	41.92
CPTCCS24 : CCS: CPT 24	1,008,134	27,395,707	2.00	999.00	231.43	44.87
CPTCCS25 : CCS: CPT 25	908,016	27,495,825	1.00	999.00	231.94	47.64
CPTCCS26 : CCS: CPT 26	756,096	27,647,745	2.00	999.00	232.44	50.89
CPTCCS27 : CCS: CPT 27	683,400	27,720,441	2.00	999.00	232.93	53.47
CPTCCS28 : CCS: CPT 28	618,986	27,784,855	2.00	999.00	233.38	55.49
CPTCCS29 : CCS: CPT 29	560,626	27,843,215	2.00	999.00	233.95	58.02
CPTCCS30 : CCS: CPT 30	508,478	27,895,363	2.00	999.00	234.48	60.46
CPTCCS31 : CCS: CPT 31	438,093	27,965,748	2.00	999.00	235.12	62.50
CPTCCS32 : CCS: CPT 32	362,447	28,041,394	1.00	999.00	235.00	58.30
CPTCCS33 : CCS: CPT 33	329,554	28,074,287	2.00	999.00	235.52	60.42
CPTCCS34 : CCS: CPT 34	300,736	28,103,105	2.00	999.00	236.05	62.32
CPTCCS35 : CCS: CPT 35	274,632	28,129,209	2.00	999.00	236.36	63.44
NCPT : Number of CPT/HCPCS procedures for this visit	28,403,841	0	0.00	35.00	6.69	6.97

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Frequency Distribution for CPT1***

CPT1	Frequency	Percent
Blank	2,311,744	8.14
Other	291,153	1.03
Anesthesia	5,873	0.02
Surgery	2,510,696	8.84
Radiology	4,150,558	14.61
Pathology and Laboratory	1,537,533	5.41
Medicine	1,212,217	4.27
Evaluation and Management	15,421,937	54.30
Transportation	6,191	0.02
Medical and Surgical Supplies	4,627	0.02
Miscellaneous and Experimental	47,682	0.17
Enteral and Parenteral Therapy	23	0.00
Dental	362	0.00
Durable Medical Equipment	271	0.00
Temporary Procedures/Services	310,179	1.09
Drugs (Non-oral)	524,303	1.85
Chemotherapy Drugs	456	0.00
Orthotic	9,884	0.03
Prosthetic	67	0.00
Private Payer Codes	5,840	0.02
Vision	<= 10	*.**
Hearing	<= 10	*.**
Local Codes	417	0.00
CPT/HCPCS inconsistent with sex	212	0.00
Invalid CPT/HCPCS (invl)	51,608	0.18

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**HCUP Summary Statistics Report: NEDS 2019 ED File
Frequency Distribution for CPTCCS1**

CPTCCS1	Frequency	Percent
.: Missing	2,315,472	8.15
A: Invalid	51,608	0.18
C: Inconsistent	212	0.00
1: Incision and excision of CNS	17	0.00
2: Insertion, replacement, or removal of extracranial ventricular shunt	141	0.00
3: Laminectomy, excision intervertebral disc	496	0.00
4: Diagnostic spinal tap	5,713	0.02
5: Insertion of catheter or spinal stimulator and injection into spinal canal	523	0.00
6: Decompression peripheral nerve	66	0.00
7: Other diagnostic nervous system procedures	218	0.00
8: Other non-OR or closed therapeutic nervous system procedures	15,978	0.06
9: Other OR therapeutic nervous system procedures	275	0.00
10: Thyroidectomy, partial or complete	30	0.00
11: Diagnostic endocrine procedures	<= 10	* .**
12: Other therapeutic endocrine procedures	22	0.00
13: Corneal transplant	31	0.00
14: Glaucoma procedures	74	0.00
15: Lens and cataract procedures	92	0.00
16: Repair of retinal tear, detachment	269	0.00
17: Destruction of lesion of retina and choroid	12	0.00
18: Diagnostic procedures on eye	232	0.00
19: Other therapeutic procedures on eyelids, conjunctiva, cornea	2,464	0.01
20: Other intraocular therapeutic procedures	349	0.00
21: Other extraocular muscle and orbit therapeutic procedures	52	0.00
22: Tympanoplasty	<= 10	* .**
23: Myringotomy	42	0.00
24: Mastoidectomy	<= 10	* .**
25: Diagnostic procedures on ear	<= 10	* .**
26: Other therapeutic ear procedures	11,150	0.04
27: Control of epistaxis	14,923	0.05
28: Plastic procedures on nose	51	0.00

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Frequency Distribution for CPTCCS1***

CPTCCS1	Frequency	Percent
29: Oral and Dental Services	4,703	0.02
30: Tonsillectomy and/or adenoidectomy	165	0.00
31: Diagnostic procedures on nose, mouth and pharynx	431	0.00
32: Other non-OR therapeutic procedures on nose, mouth and pharynx	1,831	0.01
33: Other OR therapeutic procedures on nose, mouth and pharynx	4,956	0.02
34: Tracheostomy, temporary and permanent	73	0.00
35: Tracheoscopy and laryngoscopy with biopsy	998	0.00
36: Lobectomy or pneumonectomy	<= 10	* .**
37: Diagnostic bronchoscopy and biopsy of bronchus	500	0.00
38: Other diagnostic procedures on lung and bronchus	570	0.00
39: Incision of pleura, thoracentesis, chest drainage	3,159	0.01
40: Other diagnostic procedures of respiratory tract and mediastinum	33	0.00
41: Other non-OR therapeutic procedures on respiratory system	1,170	0.00
42: Other OR therapeutic procedures on respiratory system	272	0.00
43: Heart valve procedures	<= 10	* .**
45: Percutaneous transluminal coronary angioplasty (PTCA)	3,070	0.01
46: Coronary thrombolysis	<= 10	* .**
47: Diagnostic cardiac catheterization, coronary arteriography	18,206	0.06
48: Insertion, revision, replacement, removal of cardiac pacemaker or cardioverter/defibrillator	1,009	0.00
49: Other OR heart procedures	92	0.00
50: Extracorporeal circulation auxiliary to open heart procedures	15	0.00
51: Endarterectomy, vessel of head and neck	<= 10	* .**
52: Aortic resection, replacement or anastomosis	13	0.00
53: Varicose vein stripping, lower limb	20	0.00
54: Other vascular catheterization, not heart	22,342	0.08
56: Other vascular bypass and shunt, not heart	<= 10	* .**
57: Creation, revision and removal of arteriovenous fistula or vessel-to-vessel cannula for dialysis	1,398	0.00
58: Hemodialysis	11,273	0.04
59: Other OR procedures on vessels of head and neck	106	0.00
60: Embolectomy and endarterectomy of lower limbs	14	0.00
61: Other OR procedures on vessels other than head and neck	1,042	0.00

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Frequency Distribution for CPTCCS1**

CPTCCS1	Frequency	Percent
62: Other diagnostic cardiovascular procedures	1,491	0.01
63: Other non-OR therapeutic cardiovascular procedures	11,778	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	340	0.00
68: Injection or ligation of esophageal varices	92	0.00
69: Esophageal dilatation	914	0.00
70: Upper gastrointestinal endoscopy, biopsy	18,251	0.06
71: Gastrostomy, temporary and permanent	9,033	0.03
72: Colostomy, temporary and permanent	15	0.00
73: Ileostomy and other enterostomy	449	0.00
74: Gastrectomy, partial and total	<= 10	*.***
75: Small bowel resection	17	0.00
76: Colonoscopy and biopsy	3,530	0.01
77: Proctoscopy and anorectal biopsy	1,024	0.00
78: Colorectal resection	47	0.00
79: Local excision of large intestine lesion (not endoscopic)	<= 10	*.***
80: Appendectomy	29,283	0.10
81: Hemorrhoid procedures	1,282	0.00
82: Endoscopic retrograde cannulation of pancreas (ERCP)	695	0.00
83: Biopsy of liver	173	0.00
84: Cholecystectomy and common duct exploration	14,441	0.05
85: Inguinal and femoral hernia repair	1,182	0.00
86: Other hernia repair	1,206	0.00
87: Laparoscopy	1,013	0.00
88: Abdominal paracentesis	6,878	0.02
89: Exploratory laparotomy	38	0.00
90: Excision, lysis peritoneal adhesions	<= 10	*.***
91: Peritoneal dialysis	346	0.00
92: Other bowel diagnostic procedures	<= 10	*.***

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CPTCCS1	Frequency	Percent
93: Other non-OR upper GI therapeutic procedures	85	0.00
94: Other OR upper GI therapeutic procedures	38	0.00
95: Other non-OR lower GI therapeutic procedures	607	0.00
96: Other OR lower GI therapeutic procedures	4,088	0.01
97: Other gastrointestinal diagnostic procedures	176	0.00
98: Other non-OR gastrointestinal therapeutic procedures	693	0.00
99: Other OR gastrointestinal therapeutic procedures	307	0.00
100: Endoscopy and endoscopic biopsy of the urinary tract	540	0.00
101: Transurethral excision, drainage, or removal urinary obstruction	2,183	0.01
102: Ureteral catheterization	4,942	0.02
103: Nephrotomy and nephrostomy	1,404	0.00
104: Nephrectomy, partial or complete	<= 10	* .**
106: Genitourinary incontinence procedures	37	0.00
107: Extracorporeal lithotripsy, urinary	3,978	0.01
108: Indwelling catheter	30,979	0.11
109: Procedures on the urethra	322	0.00
110: Other diagnostic procedures of urinary tract	1,991	0.01
111: Other non-OR therapeutic procedures of urinary tract	2,180	0.01
112: Other OR therapeutic procedures of urinary tract	543	0.00
113: Transurethral resection of prostate (TURP)	173	0.00
114: Open prostatectomy	<= 10	* .**
115: Circumcision	86	0.00
116: Diagnostic procedures, male genital	197	0.00
117: Other non-OR therapeutic procedures, male genital	1,299	0.00
118: Other OR therapeutic procedures, male genital	1,961	0.01
119: Oophorectomy, unilateral and bilateral	987	0.00
120: Other operations on ovary	42	0.00
121: Ligation of fallopian tubes	<= 10	* .**
122: Removal of ectopic pregnancy	2,379	0.01
123: Other operations on fallopian tubes	16	0.00
124: Hysterectomy, abdominal and vaginal	158	0.00

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CPTCCS1	Frequency	Percent
125: Other excision of cervix and uterus	184	0.00
126: Abortion (termination of pregnancy)	37	0.00
127: Dilatation and curettage (D&C), aspiration after delivery or abortion	3,477	0.01
128: Diagnostic dilatation and curettage (D&C)	266	0.00
129: Repair of cystocele and rectocele, obliteration of vaginal vault	38	0.00
130: Other diagnostic procedures, female organs	533	0.00
131: Other non-OR therapeutic procedures, female organs	473	0.00
132: Other OR therapeutic procedures, female organs	6,343	0.02
134: Cesarean section	12	0.00
135: Forceps, vacuum, and breech delivery	97	0.00
137: Other procedures to assist delivery	175	0.00
138: Diagnostic amniocentesis	<= 10	*. **
139: Fetal monitoring	14,108	0.05
140: Repair of current obstetric laceration	17	0.00
141: Other therapeutic obstetrical procedures including antepartum and postpartum care	141	0.00
142: Partial excision bone	218	0.00
143: Bunionectomy or repair of toe deformities	29	0.00
144: Treatment, facial fracture or dislocation	1,932	0.01
145: Treatment, fracture or dislocation of radius and ulna	26,329	0.09
146: Treatment, fracture or dislocation of hip and femur	3,982	0.01
147: Treatment, fracture or dislocation of lower extremity (other than hip or femur)	12,481	0.04
148: Other fracture and dislocation procedure	26,218	0.09
149: Arthroscopy	28	0.00
150: Division of joint capsule, ligament or cartilage	12	0.00
151: Excision of semilunar cartilage of knee	120	0.00
152: Arthroplasty knee	59	0.00
153: Hip replacement, total and partial	26	0.00
154: Arthroplasty other than hip or knee	39	0.00
155: Arthrocentesis	6,378	0.02
156: Injections and aspirations of muscles, tendons, bursa, joints and soft tissue	2,824	0.01
157: Amputation of lower extremity	148	0.00

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CPTCCS1	Frequency	Percent
158: Spinal fusion	49	0.00
159: Other diagnostic procedures on musculoskeletal system	214	0.00
160: Other therapeutic procedures on muscles and tendons	2,430	0.01
161: Other OR therapeutic procedures on bone	429	0.00
162: Other OR therapeutic procedures on joints	462	0.00
163: Other non-OR therapeutic procedures on musculoskeletal system	369	0.00
164: Other OR therapeutic procedures on musculoskeletal system	1,088	0.00
165: Breast biopsy and other diagnostic procedures on breast	171	0.00
166: Lumpectomy, quadrantectomy of breast	65	0.00
167: Mastectomy	46	0.00
168: Incision and drainage, skin and subcutaneous tissue	97,915	0.34
169: Debridement of wound, infection or burn	12,007	0.04
170: Excision of skin lesion	4,588	0.02
171: Suture of skin and subcutaneous tissue	320,044	1.13
172: Skin graft	654	0.00
173: Other diagnostic procedures on skin and subcutaneous tissue	479	0.00
174: Other non-OR therapeutic procedures on skin and breast	8,067	0.03
175: Other OR therapeutic procedures on skin and breast	4,098	0.01
176: Other organ transplantation	<= 10	*,**
177: Computerized axial tomography (CT) scan head	769,226	2.71
178: CT scan chest	217,692	0.77
179: CT scan abdomen	1,180,648	4.16
180: Other CT scan	317,066	1.12
181: Myelogram	73	0.00
182: Mammography	158	0.00
183: Routine chest X-ray	445,919	1.57
184: Intraoperative cholangiogram	<= 10	*,**
185: Upper gastrointestinal X-ray	458	0.00
186: Lower gastrointestinal X-ray	91	0.00
187: Intravenous pyelogram	<= 10	*,**
189: Contrast aortogram	2,208	0.01

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CPTCCS1	Frequency	Percent
190: Contrast arteriogram of femoral and lower extremity arteries	<= 10	*,**
191: Arterio- or venogram (not heart and head)	20,104	0.07
192: Diagnostic ultrasound of head and neck	4,018	0.01
193: Diagnostic ultrasound of heart (echocardiogram)	46,757	0.16
194: Diagnostic ultrasound of gastrointestinal tract	<= 10	*,**
195: Diagnostic ultrasound of urinary tract	100	0.00
196: Diagnostic ultrasound of abdomen or retroperitoneum	75,919	0.27
197: Other diagnostic ultrasound	204,225	0.72
198: Magnetic resonance imaging	114,945	0.40
199: Electroencephalogram (EEG)	2,472	0.01
200: Nonoperative urinary system measurements	170,939	0.60
201: Cardiac stress tests	1,342	0.00
202: Electrocardiogram	166,996	0.59
203: Electrographic cardiac monitoring	1,500	0.01
204: Swan-Ganz catheterization for monitoring	<= 10	*,**
205: Arterial blood gases	2,540	0.01
206: Microscopic examination (bacterial smear, culture, toxicology)	536,673	1.89
207: Radioisotope bone scan	110	0.00
208: Radioisotope pulmonary scan	5,617	0.02
209: Radioisotope scan and function studies	56,736	0.20
210: Other radioisotope scan	72	0.00
211: Therapeutic radiology	583	0.00
212: Diagnostic physical, occupational, and speech therapy	3,536	0.01
213: Physical, occupational, and speech therapy exercises; manipulation; and other procedures	6,092	0.02
214: Traction, splints, and other wound care	128,630	0.45
215: Other physical, occupational, and speech therapy and rehabilitation	150	0.00
216: Respiratory intubation and mechanical ventilation	10,966	0.04
217: Other respiratory therapy	74,076	0.26
218: Psychological and psychiatric evaluation and therapy	15,565	0.05
219: Alcohol and drug management, treatment, and rehabilitation	39	0.00
220: Ophthalmologic and otologic diagnosis and treatment	804	0.00

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CPTCCS1	Frequency	Percent
221: Nasogastric tube	379	0.00
222: Blood and blood product transfusion	14,625	0.05
224: Cancer chemotherapy	104	0.00
225: Conversion of cardiac rhythm	275	0.00
226: Other diagnostic radiology and related techniques	858,373	3.02
227: Consultation, evaluation, and preventative care	15,714,704	55.33
228: Prophylactic vaccinations and inoculations	64,019	0.23
229: Nonoperative removal of foreign body	17,658	0.06
230: Extracorporeal shock wave, other than urinary	35	0.00
231: Other therapeutic procedures	658,590	2.32
232: Anesthesia	4,456	0.02
233: Laboratory - Chemistry and Hematology	915,267	3.22
234: Pathology	1,622	0.01
235: Other Laboratory	1,644,334	5.79
236: Nonhospital-based care (e.g., home health care, hospice)	1,304	0.00
237: Ancillary Services	1,567	0.01
239: Transportation - patient, provider, equipment	6,200	0.02
240: Medications (Injections, infusions and other forms)	574,725	2.02
241: Visual aids and other optical supplies	<= 10	*,**
242: Hearing devices and audiology supplies	<= 10	*,**
243: DME and supplies	115,417	0.41
244: Gastric bypass and volume reduction	49	0.00
245: Telehealth	130	0.00
998: CPTs not classified (F codes)	<= 10	*,**
999: HCPCS Level II codes not classified	955	0.00

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NCPT	Frequency	Percent
0	2,311,744	8.14
1	4,681,840	16.48
2	3,447,306	12.14
3	2,542,738	8.95
4	1,893,754	6.67
5	1,390,222	4.89
6	1,227,281	4.32
7	1,134,328	3.99
8	1,121,302	3.95
9	1,053,102	3.71
10	999,322	3.52
11	935,780	3.29
12	880,192	3.10
13	699,345	2.46
14	607,447	2.14
15	507,030	1.79
16	422,504	1.49
17	341,212	1.20
18	284,130	1.00
19	228,980	0.81
20	275,638	0.97
21	163,102	0.57
22	133,378	0.47
23	112,712	0.40
24	100,283	0.35
25	152,179	0.54
26	72,869	0.26
27	64,434	0.23
28	58,312	0.21
29	52,149	0.18
30	70,455	0.25

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NCPT	Frequency	Percent
31	75,689	0.27
32	32,962	0.12
33	28,876	0.10
34	26,152	0.09
35	275,092	0.97

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