

**HCUP Summary Statistics Report: NEDS 2020 ED File**  
**Means of Continuous Data Elements**

Variable / Label	N	N Miss	Min	Max	Mean	Std Dev
CPTCCS1 : CCS: CPT 1	22,074,624	1,374,294	1.00	999.00	217.29	25.88
CPTCCS2 : CCS: CPT 2	18,618,261	4,830,657	1.00	999.00	215.18	28.49
CPTCCS3 : CCS: CPT 3	15,789,536	7,659,382	1.00	999.00	219.63	29.80
CPTCCS4 : CCS: CPT 4	13,695,910	9,753,008	1.00	999.00	222.17	31.89
CPTCCS5 : CCS: CPT 5	12,146,653	11,302,265	2.00	999.00	224.36	34.11
CPTCCS6 : CCS: CPT 6	10,970,120	12,478,798	1.00	999.00	225.87	36.34
CPTCCS7 : CCS: CPT 7	9,918,978	13,529,940	1.00	999.00	226.87	38.89
CPTCCS8 : CCS: CPT 8	8,905,426	14,543,492	2.00	999.00	227.60	41.58
CPTCCS9 : CCS: CPT 9	7,903,775	15,545,143	2.00	999.00	228.30	44.78
CPTCCS10 : CCS: CPT 10	6,944,709	16,504,209	2.00	999.00	229.08	48.15
CPTCCS11 : CCS: CPT 11	6,038,309	17,410,609	3.00	999.00	229.89	51.19
CPTCCS12 : CCS: CPT 12	5,172,650	18,276,268	2.00	999.00	230.72	53.97
CPTCCS13 : CCS: CPT 13	4,353,983	19,094,935	1.00	999.00	231.53	56.94
CPTCCS14 : CCS: CPT 14	3,720,411	19,728,507	3.00	999.00	232.13	58.94
CPTCCS15 : CCS: CPT 15	3,176,513	20,272,405	2.00	999.00	232.55	60.21
CPTCCS16 : CCS: CPT 16	2,721,563	20,727,355	2.00	999.00	232.96	61.38
CPTCCS17 : CCS: CPT 17	2,342,243	21,106,675	2.00	999.00	233.17	61.68
CPTCCS18 : CCS: CPT 18	2,031,070	21,417,848	3.00	999.00	233.40	61.79
CPTCCS19 : CCS: CPT 19	1,771,425	21,677,493	2.00	999.00	233.47	61.24
CPTCCS20 : CCS: CPT 20	1,558,927	21,889,991	1.00	999.00	233.66	61.51

(Continued)

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<b>Variable / Label</b>	<b>N</b>	<b>N Miss</b>	<b>Min</b>	<b>Max</b>	<b>Mean</b>	<b>Std Dev</b>
CPTCCS21 : CCS: CPT 21	1,324,642	22,124,276	3.00	999.00	233.80	61.76
CPTCCS22 : CCS: CPT 22	1,172,867	22,276,051	2.00	999.00	234.02	62.28
CPTCCS23 : CCS: CPT 23	1,051,946	22,396,972	2.00	999.00	234.09	61.51
CPTCCS24 : CCS: CPT 24	947,854	22,501,064	3.00	999.00	234.16	61.08
CPTCCS25 : CCS: CPT 25	847,566	22,601,352	4.00	999.00	234.51	61.72
CPTCCS26 : CCS: CPT 26	702,633	22,746,285	4.00	999.00	234.65	60.88
CPTCCS27 : CCS: CPT 27	637,766	22,811,152	2.00	999.00	235.01	61.92
CPTCCS28 : CCS: CPT 28	580,113	22,868,805	1.00	999.00	235.24	62.66
CPTCCS29 : CCS: CPT 29	528,617	22,920,301	1.00	999.00	235.58	63.59
CPTCCS30 : CCS: CPT 30	482,509	22,966,409	1.00	999.00	235.90	64.26
CPTCCS31 : CCS: CPT 31	418,675	23,030,243	2.00	999.00	236.07	64.32
CPTCCS32 : CCS: CPT 32	350,617	23,098,301	3.00	999.00	237.35	67.76
CPTCCS33 : CCS: CPT 33	320,160	23,128,758	3.00	999.00	237.79	69.07
CPTCCS34 : CCS: CPT 34	293,770	23,155,148	3.00	999.00	238.23	70.38
CPTCCS35 : CCS: CPT 35	270,152	23,178,766	3.00	999.00	238.58	71.42
<b>NCPT : Number of CPT/HCPCS procedures for this visit</b>	23,448,918	0	0.00	35.00	7.29	7.14

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Frequency Distribution for CPT1**

CPT1	Frequency	Percent
Blank	1,275,666	5.44
Other	285,961	1.22
Anesthesia	9,757	0.04
Surgery	2,006,357	8.56
Radiology	3,681,970	15.70
Pathology and Laboratory	1,271,833	5.42
Medicine	1,101,932	4.70
Evaluation and Management	13,226,354	56.40
Transportation	5,031	0.02
Medical and Surgical Supplies	4,322	0.02
Miscellaneous and Experimental	10,732	0.05
Enteral and Parenteral Therapy	34	0.00
Dental	212	0.00
Durable Medical Equipment	73	0.00
Temporary Procedures/Services	293,830	1.25
Drugs (Non-oral)	211,220	0.90
Chemotherapy Drugs	395	0.00
Orthotic	5,627	0.02
Prosthetic	63	0.00
Temporary Codes	23	0.00
Private Payer Codes	5,323	0.02
Vision	<= 10	*.**
Hearing	<= 10	*.**
Local Codes	1,304	0.01
CPT/HCPCS inconsistent with sex	56	0.00
Invalid CPT/HCPCS (invl)	50,838	0.22

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**HCUP Summary Statistics Report: NEDS 2020 ED File  
Frequency Distribution for CPTCCS1**

CPTCCS1	Frequency	Percent
.: Missing	1,323,400	5.64
A: Invalid	50,838	0.22
C: Inconsistent	56	0.00
1: Incision and excision of CNS	23	0.00
2: Insertion, replacement, or removal of extracranial ventricular shunt	101	0.00
3: Laminectomy, excision intervertebral disc	458	0.00
4: Diagnostic spinal tap	3,464	0.01
5: Insertion of catheter or spinal stimulator and injection into spinal canal	422	0.00
6: Decompression peripheral nerve	92	0.00
7: Other diagnostic nervous system procedures	120	0.00
8: Other non-OR or closed therapeutic nervous system procedures	15,658	0.07
9: Other OR therapeutic nervous system procedures	1,111	0.00
10: Thyroidectomy, partial or complete	35	0.00
11: Diagnostic endocrine procedures	<= 10	*,**
12: Other therapeutic endocrine procedures	26	0.00
13: Corneal transplant	28	0.00
14: Glaucoma procedures	73	0.00
15: Lens and cataract procedures	93	0.00
16: Repair of retinal tear, detachment	240	0.00
17: Destruction of lesion of retina and choroid	<= 10	*,**
18: Diagnostic procedures on eye	98	0.00
19: Other therapeutic procedures on eyelids, conjunctiva, cornea	2,601	0.01
20: Other intraocular therapeutic procedures	267	0.00
21: Other extraocular muscle and orbit therapeutic procedures	37	0.00
23: Myringotomy	23	0.00
24: Mastoidectomy	<= 10	*,**
25: Diagnostic procedures on ear	<= 10	*,**
26: Other therapeutic ear procedures	6,053	0.03
27: Control of epistaxis	10,858	0.05
28: Plastic procedures on nose	37	0.00
29: Oral and Dental Services	3,712	0.02

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Frequency Distribution for CPTCCS1***

CPTCCS1	Frequency	Percent
30: Tonsillectomy and/or adenoidectomy	173	0.00
31: Diagnostic procedures on nose, mouth and pharynx	341	0.00
32: Other non-OR therapeutic procedures on nose, mouth and pharynx	1,504	0.01
33: Other OR therapeutic procedures on nose, mouth and pharynx	3,514	0.01
34: Tracheostomy, temporary and permanent	79	0.00
35: Tracheoscopy and laryngoscopy with biopsy	901	0.00
36: Lobectomy or pneumonectomy	<= 10	* .**
37: Diagnostic bronchoscopy and biopsy of bronchus	395	0.00
38: Other diagnostic procedures on lung and bronchus	272	0.00
39: Incision of pleura, thoracentesis, chest drainage	3,193	0.01
40: Other diagnostic procedures of respiratory tract and mediastinum	<= 10	* .**
41: Other non-OR therapeutic procedures on respiratory system	1,871	0.01
42: Other OR therapeutic procedures on respiratory system	285	0.00
43: Heart valve procedures	<= 10	* .**
44: Coronary artery bypass graft (CABG)	<= 10	* .**
45: Percutaneous transluminal coronary angioplasty (PTCA)	2,613	0.01
46: Coronary thrombolysis	<= 10	* .**
47: Diagnostic cardiac catheterization, coronary arteriography	16,416	0.07
48: Insertion, revision, replacement, removal of cardiac pacemaker or cardioverter/defibrillator	980	0.00
49: Other OR heart procedures	106	0.00
50: Extracorporeal circulation auxiliary to open heart procedures	12	0.00
51: Endarterectomy, vessel of head and neck	<= 10	* .**
52: Aortic resection, replacement or anastomosis	<= 10	* .**
53: Varicose vein stripping, lower limb	24	0.00
54: Other vascular catheterization, not heart	19,720	0.08
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	2,237	0.01
58: Hemodialysis	12,510	0.05
59: Other OR procedures on vessels of head and neck	84	0.00
60: Embolectomy and endarterectomy of lower limbs	23	0.00

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Frequency Distribution for CPTCCS1***

CPTCCS1	Frequency	Percent
61: Other OR procedures on vessels other than head and neck	1,092	0.00
62: Other diagnostic cardiovascular procedures	666	0.00
63: Other non-OR therapeutic cardiovascular procedures	13,002	0.06
64: Bone marrow transplant	<= 10	* .**
65: Bone marrow biopsy	97	0.00
66: Procedures on spleen	<= 10	* .**
67: Other therapeutic procedures, hemic and lymphatic system	322	0.00
68: Injection or ligation of esophageal varices	78	0.00
69: Esophageal dilatation	945	0.00
70: Upper gastrointestinal endoscopy, biopsy	16,948	0.07
71: Gastrostomy, temporary and permanent	8,386	0.04
72: Colostomy, temporary and permanent	<= 10	* .**
73: Ileostomy and other enterostomy	378	0.00
74: Gastrectomy, partial and total	<= 10	* .**
75: Small bowel resection	20	0.00
76: Colonoscopy and biopsy	2,890	0.01
77: Proctoscopy and anorectal biopsy	781	0.00
78: Colorectal resection	38	0.00
79: Local excision of large intestine lesion (not endoscopic)	<= 10	* .**
80: Appendectomy	31,647	0.13
81: Hemorrhoid procedures	1,034	0.00
82: Endoscopic retrograde cannulation of pancreas (ERCP)	678	0.00
83: Biopsy of liver	145	0.00
84: Cholecystectomy and common duct exploration	15,780	0.07
85: Inguinal and femoral hernia repair	1,151	0.00
86: Other hernia repair	1,059	0.00
87: Laparoscopy	1,131	0.00
88: Abdominal paracentesis	7,121	0.03
89: Exploratory laparotomy	45	0.00
90: Excision, lysis peritoneal adhesions	<= 10	* .**
91: Peritoneal dialysis	62	0.00

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CPTCCS1	Frequency	Percent
92: Other bowel diagnostic procedures	<= 10	* .**
93: Other non-OR upper GI therapeutic procedures	98	0.00
94: Other OR upper GI therapeutic procedures	82	0.00
95: Other non-OR lower GI therapeutic procedures	575	0.00
96: Other OR lower GI therapeutic procedures	3,799	0.02
97: Other gastrointestinal diagnostic procedures	158	0.00
98: Other non-OR gastrointestinal therapeutic procedures	710	0.00
99: Other OR gastrointestinal therapeutic procedures	356	0.00
100: Endoscopy and endoscopic biopsy of the urinary tract	515	0.00
101: Transurethral excision, drainage, or removal urinary obstruction	2,080	0.01
102: Ureteral catheterization	4,871	0.02
103: Nephrotomy and nephrostomy	1,266	0.01
104: Nephrectomy, partial or complete	<= 10	* .**
105: Kidney transplant	<= 10	* .**
106: Genitourinary incontinence procedures	19	0.00
107: Extracorporeal lithotripsy, urinary	4,537	0.02
108: Indwelling catheter	23,091	0.10
109: Procedures on the urethra	316	0.00
110: Other diagnostic procedures of urinary tract	864	0.00
111: Other non-OR therapeutic procedures of urinary tract	1,833	0.01
112: Other OR therapeutic procedures of urinary tract	534	0.00
113: Transurethral resection of prostate (TURP)	117	0.00
114: Open prostatectomy	<= 10	* .**
115: Circumcision	99	0.00
116: Diagnostic procedures, male genital	147	0.00
117: Other non-OR therapeutic procedures, male genital	1,265	0.01
118: Other OR therapeutic procedures, male genital	2,446	0.01
119: Oophorectomy, unilateral and bilateral	1,135	0.00
120: Other operations on ovary	51	0.00
121: Ligation of fallopian tubes	15	0.00
122: Removal of ectopic pregnancy	2,759	0.01

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CPTCCS1	Frequency	Percent
123: Other operations on fallopian tubes	30	0.00
124: Hysterectomy, abdominal and vaginal	120	0.00
125: Other excision of cervix and uterus	138	0.00
126: Abortion (termination of pregnancy)	46	0.00
127: Dilatation and curettage (D&C), aspiration after delivery or abortion	3,671	0.02
128: Diagnostic dilatation and curettage (D&C)	274	0.00
129: Repair of cystocele and rectocele, obliteration of vaginal vault	19	0.00
130: Other diagnostic procedures, female organs	776	0.00
131: Other non-OR therapeutic procedures, female organs	407	0.00
132: Other OR therapeutic procedures, female organs	5,727	0.02
134: Cesarean section	11	0.00
135: Forceps, vacuum, and breech delivery	135	0.00
137: Other procedures to assist delivery	137	0.00
138: Diagnostic amniocentesis	<= 10	*,**
139: Fetal monitoring	10,779	0.05
140: Repair of current obstetric laceration	23	0.00
141: Other therapeutic obstetrical procedures including antepartum and postpartum care	200	0.00
142: Partial excision bone	232	0.00
143: Bunionectomy or repair of toe deformities	20	0.00
144: Treatment, facial fracture or dislocation	1,598	0.01
145: Treatment, fracture or dislocation of radius and ulna	28,867	0.12
146: Treatment, fracture or dislocation of hip and femur	3,617	0.02
147: Treatment, fracture or dislocation of lower extremity (other than hip or femur)	12,339	0.05
148: Other fracture and dislocation procedure	24,114	0.10
149: Arthroscopy	24	0.00
150: Division of joint capsule, ligament or cartilage	<= 10	*,**
151: Excision of semilunar cartilage of knee	62	0.00
152: Arthroplasty knee	80	0.00
153: Hip replacement, total and partial	50	0.00
154: Arthroplasty other than hip or knee	53	0.00
155: Arthrocentesis	4,857	0.02

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Frequency Distribution for CPTCCS1***

CPTCCS1	Frequency	Percent
156: Injections and aspirations of muscles, tendons, bursa, joints and soft tissue	2,208	0.01
157: Amputation of lower extremity	186	0.00
158: Spinal fusion	56	0.00
159: Other diagnostic procedures on musculoskeletal system	184	0.00
160: Other therapeutic procedures on muscles and tendons	2,448	0.01
161: Other OR therapeutic procedures on bone	446	0.00
162: Other OR therapeutic procedures on joints	470	0.00
163: Other non-OR therapeutic procedures on musculoskeletal system	421	0.00
164: Other OR therapeutic procedures on musculoskeletal system	978	0.00
165: Breast biopsy and other diagnostic procedures on breast	148	0.00
166: Lumpectomy, quadrantectomy of breast	58	0.00
167: Mastectomy	29	0.00
168: Incision and drainage, skin and subcutaneous tissue	75,162	0.32
169: Debridement of wound, infection or burn	10,265	0.04
170: Excision of skin lesion	3,464	0.01
171: Suture of skin and subcutaneous tissue	287,743	1.23
172: Skin graft	841	0.00
173: Other diagnostic procedures on skin and subcutaneous tissue	457	0.00
174: Other non-OR therapeutic procedures on skin and breast	5,114	0.02
175: Other OR therapeutic procedures on skin and breast	4,180	0.02
176: Other organ transplantation	<= 10	*,**
177: Computerized axial tomography (CT) scan head	656,748	2.80
178: CT scan chest	247,172	1.05
179: CT scan abdomen	1,158,199	4.94
180: Other CT scan	286,069	1.22
181: Myelogram	50	0.00
182: Mammography	97	0.00
183: Routine chest X-ray	349,255	1.49
184: Intraoperative cholangiogram	<= 10	*,**
185: Upper gastrointestinal X-ray	598	0.00
186: Lower gastrointestinal X-ray	164	0.00

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CPTCCS1	Frequency	Percent
187: Intravenous pyelogram	13	0.00
189: Contrast aortogram	2,637	0.01
190: Contrast arteriogram of femoral and lower extremity arteries	<= 10	*. **
191: Arterio- or venogram (not heart and head)	18,663	0.08
192: Diagnostic ultrasound of head and neck	3,728	0.02
193: Diagnostic ultrasound of heart (echocardiogram)	44,782	0.19
195: Diagnostic ultrasound of urinary tract	111	0.00
196: Diagnostic ultrasound of abdomen or retroperitoneum	72,220	0.31
197: Other diagnostic ultrasound	187,545	0.80
198: Magnetic resonance imaging	102,031	0.44
199: Electroencephalogram (EEG)	2,936	0.01
200: Nonoperative urinary system measurements	98,422	0.42
201: Cardiac stress tests	584	0.00
202: Electrocardiogram	171,626	0.73
203: Electrographic cardiac monitoring	2,081	0.01
205: Arterial blood gases	2,071	0.01
206: Microscopic examination (bacterial smear, culture, toxicology)	426,244	1.82
207: Radioisotope bone scan	85	0.00
208: Radioisotope pulmonary scan	3,600	0.02
209: Radioisotope scan and function studies	54,374	0.23
210: Other radioisotope scan	91	0.00
211: Therapeutic radiology	467	0.00
212: Diagnostic physical, occupational, and speech therapy	1,831	0.01
213: Physical, occupational, and speech therapy exercises; manipulation; and other procedures	2,034	0.01
214: Traction, splints, and other wound care	83,385	0.36
215: Other physical, occupational, and speech therapy and rehabilitation	62	0.00
216: Respiratory intubation and mechanical ventilation	11,256	0.05
217: Other respiratory therapy	36,558	0.16
218: Psychological and psychiatric evaluation and therapy	25,039	0.11
219: Alcohol and drug management, treatment, and rehabilitation	182	0.00
220: Ophthalmologic and otologic diagnosis and treatment	668	0.00

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CPTCCS1	Frequency	Percent
221: Nasogastric tube	294	0.00
222: Blood and blood product transfusion	13,971	0.06
224: Cancer chemotherapy	115	0.00
225: Conversion of cardiac rhythm	295	0.00
226: Other diagnostic radiology and related techniques	654,236	2.79
227: Consultation, evaluation, and preventative care	13,500,124	57.57
228: Prophylactic vaccinations and inoculations	54,425	0.23
229: Nonoperative removal of foreign body	16,212	0.07
230: Extracorporeal shock wave, other than urinary	19	0.00
231: Other therapeutic procedures	598,746	2.55
232: Anesthesia	5,637	0.02
233: Laboratory - Chemistry and Hematology	769,169	3.28
234: Pathology	1,474	0.01
235: Other Laboratory	1,320,545	5.63
236: Nonhospital-based care (e.g., home health care, hospice)	1,786	0.01
237: Ancillary Services	9,183	0.04
239: Transportation - patient, provider, equipment	5,031	0.02
240: Medications (Injections, infusions and other forms)	225,293	0.96
241: Visual aids and other optical supplies	<= 10	*,**
242: Hearing devices and audiology supplies	<= 10	*,**
243: DME and supplies	78,055	0.33
244: Gastric bypass and volume reduction	48	0.00
245: Telehealth	154	0.00
998: CPTs not classified (F codes)	29	0.00
999: HCPCS Level II codes not classified	598	0.00

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Frequency Distribution for NCPT***

<b>NCPT</b>	<b>Frequency</b>	<b>Percent</b>
0	1,275,666	5.44
1	3,395,052	14.48
2	2,874,030	12.26
3	2,131,538	9.09
4	1,562,713	6.66
5	1,183,038	5.05
6	1,056,234	4.50
7	1,017,187	4.34
8	1,004,472	4.28
9	962,418	4.10
10	909,630	3.88
11	870,193	3.71
12	822,527	3.51
13	637,042	2.72
14	547,474	2.33
15	457,646	1.95
16	381,868	1.63
17	313,324	1.34
18	261,294	1.11
19	214,076	0.91
20	235,949	1.01
21	152,825	0.65
22	122,036	0.52
23	104,898	0.45
24	101,142	0.43
25	146,263	0.62
26	65,354	0.28
27	58,174	0.25
28	52,046	0.22
29	46,525	0.20
30	64,590	0.28

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Frequency Distribution for NCPT***

<b>NCPT</b>	<b>Frequency</b>	<b>Percent</b>
31	68,485	0.29
32	30,661	0.13
33	26,562	0.11
34	23,819	0.10
35	272,167	1.16

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