

**HCUP Summary Statistics Report: NEDS 2016 ED File**  
**Means of Continuous Data Elements**

Variable / Label	N	N Miss	Min	Max	Mean	Std Dev
HOSP_ED : HCUP ED hospital identifier	28,328,168	0	10002.00	40594.00	26676.33	10052.29
CPTCCS1 : CCS: CPT 1	26,069,445	2,258,723	1.00	244.00	218.45	24.35
CPTCCS2 : CCS: CPT 2	20,729,610	7,598,558	1.00	244.00	216.37	25.23
CPTCCS3 : CCS: CPT 3	16,775,543	11,552,625	1.00	244.00	220.02	21.82
CPTCCS4 : CCS: CPT 4	13,933,114	14,395,054	1.00	244.00	221.99	20.53
CPTCCS5 : CCS: CPT 5	11,983,452	16,344,716	1.00	244.00	223.50	19.13
CPTCCS6 : CCS: CPT 6	10,560,322	17,767,846	1.00	244.00	224.45	18.29
CPTCCS7 : CCS: CPT 7	9,370,550	18,957,618	1.00	244.00	225.12	17.70
CPTCCS8 : CCS: CPT 8	8,267,483	20,060,685	2.00	243.00	225.50	17.48
CPTCCS9 : CCS: CPT 9	7,221,088	21,107,080	1.00	243.00	225.85	17.37
CPTCCS10 : CCS: CPT 10	6,252,250	22,075,918	2.00	243.00	226.25	17.27
CPTCCS11 : CCS: CPT 11	5,365,779	22,962,389	2.00	244.00	226.68	17.26
CPTCCS12 : CCS: CPT 12	4,519,580	23,808,588	2.00	243.00	227.16	17.09
CPTCCS13 : CCS: CPT 13	3,728,096	24,600,072	2.00	243.00	227.53	17.34
CPTCCS14 : CCS: CPT 14	3,136,206	25,191,962	4.00	243.00	227.84	17.32
CPTCCS15 : CCS: CPT 15	2,638,506	25,689,662	3.00	244.00	228.10	17.29
NCPT : Number of CPT/HCPCS procedures for this visit	28,328,168	0	0.00	15.00	5.34	4.80

***For more information about the coding of HCUP data elements,  
please refer to the section on Description of Data Elements.***

**HCUP Summary Statistics Report: NEDS 2016 ED File  
Frequency Distribution for CPT1**

CPT1	Frequency	Percent
Blank	2,143,717	7.57
Anesthesia	2,081	0.01
Other	244,257	0.86
Surgery	1,784,947	6.30
Radiology	3,753,524	13.25
Pathology and Laboratory	1,565,840	5.53
Medicine	1,790,048	6.32
Evaluation and Management	16,216,974	57.25
Transportation	8,982	0.03
Medical and Surgical Supplies	5,989	0.02
Miscellaneous and Experimental	46,584	0.16
Enteral and Parenteral Therapy	27	0.00
Dental	161	0.00
Durable Medical Equipment	99	0.00
Temporary Procedures/Services	377,917	1.33
Drugs (Non-oral)	259,141	0.91
Chemotherapy Drugs	583	0.00
Orthotic	7,981	0.03
Prosthetic	50	0.00
Temporary Codes	<= 10	*.**
Private Payer Codes	6,552	0.02
Vision	65	0.00
Local Codes	806	0.00
CPT/HCPCS inconsistent with sex	91	0.00
Invalid CPT/HCPCS (invl)	111,746	0.39

***For more information about the coding of HCUP data elements,  
please refer to the section on Description of Data Elements.***

**HCUP Summary Statistics Report: NEDS 2016 ED File  
Frequency Distribution for CPTCCS1**

CPTCCS1	Frequency	Percent
.: Missing	2,146,886	7.58
A: Invalid	111,746	0.39
C: Inconsistent	91	0.00
1: Incision and excision of CNS	16	0.00
2: Insertion, replacement, or removal of extracranial ventricular shunt	108	0.00
3: Laminectomy, excision intervertebral disc	363	0.00
4: Diagnostic spinal tap	7,299	0.03
5: Insertion of catheter or spinal stimulator and injection into spinal canal	877	0.00
6: Decompression peripheral nerve	86	0.00
7: Other diagnostic nervous system procedures	47	0.00
8: Other non-OR or closed therapeutic nervous system procedures	16,961	0.06
9: Other OR therapeutic nervous system procedures	1,296	0.00
10: Thyroidectomy, partial or complete	30	0.00
11: Diagnostic endocrine procedures	<= 10	* .**
12: Other therapeutic endocrine procedures	19	0.00
13: Corneal transplant	14	0.00
14: Glaucoma procedures	50	0.00
15: Lens and cataract procedures	82	0.00
16: Repair of retinal tear, detachment	188	0.00
17: Destruction of lesion of retina and choroid	14	0.00
18: Diagnostic procedures on eye	39	0.00
19: Other therapeutic procedures on eyelids, conjunctiva, cornea	2,583	0.01
20: Other intraocular therapeutic procedures	153	0.00
21: Other extraocular muscle and orbit therapeutic procedures	51	0.00
22: Tympanoplasty	16	0.00
23: Myringotomy	47	0.00
24: Mastoidectomy	<= 10	* .**
25: Diagnostic procedures on ear	<= 10	* .**
26: Other therapeutic ear procedures	9,792	0.03
27: Control of epistaxis	12,829	0.05
28: Plastic procedures on nose	27	0.00

***For more information about the coding of HCUP data elements,  
please refer to the section on Description of Data Elements.***

***HCUP Summary Statistics Report: NEDS 2016 ED File  
Frequency Distribution for CPTCCS1***

CPTCCS1	Frequency	Percent
29: Oral and Dental Services	4,210	0.01
30: Tonsillectomy and/or adenoidectomy	134	0.00
31: Diagnostic procedures on nose, mouth and pharynx	393	0.00
32: Other non-OR therapeutic procedures on nose, mouth and pharynx	1,549	0.01
33: Other OR therapeutic procedures on nose, mouth and pharynx	4,223	0.01
34: Tracheostomy, temporary and permanent	83	0.00
35: Tracheoscopy and laryngoscopy with biopsy	689	0.00
36: Lobectomy or pneumonectomy	<= 10	* .**
37: Diagnostic bronchoscopy and biopsy of bronchus	419	0.00
38: Other diagnostic procedures on lung and bronchus	725	0.00
39: Incision of pleura, thoracentesis, chest drainage	2,851	0.01
40: Other diagnostic procedures of respiratory tract and mediastinum	<= 10	* .**
41: Other non-OR therapeutic procedures on respiratory system	1,602	0.01
42: Other OR therapeutic procedures on respiratory system	901	0.00
43: Heart valve procedures	<= 10	* .**
44: Coronary artery bypass graft (CABG)	<= 10	* .**
45: Percutaneous transluminal coronary angioplasty (PTCA)	2,657	0.01
46: Coronary thrombolysis	31	0.00
47: Diagnostic cardiac catheterization, coronary arteriography	15,896	0.06
48: Insertion, revision, replacement, removal of cardiac pacemaker or cardioverter/defibrillator	893	0.00
49: Other OR heart procedures	110	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	18	0.00
53: Varicose vein stripping, lower limb	12	0.00
54: Other vascular catheterization, not heart	35,762	0.13
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	645	0.00
58: Hemodialysis	10,205	0.04
59: Other OR procedures on vessels of head and neck	97	0.00

***For more information about the coding of HCUP data elements,  
please refer to the section on Description of Data Elements.***

***HCUP Summary Statistics Report: NEDS 2016 ED File  
Frequency Distribution for CPTCCS1***

CPTCCS1	Frequency	Percent
60: Embolectomy and endarterectomy of lower limbs	19	0.00
61: Other OR procedures on vessels other than head and neck	1,483	0.01
62: Other diagnostic cardiovascular procedures	622	0.00
63: Other non-OR therapeutic cardiovascular procedures	18,798	0.07
64: Bone marrow transplant	12	0.00
65: Bone marrow biopsy	133	0.00
66: Procedures on spleen	<= 10	* .**
67: Other therapeutic procedures, hemic and lymphatic system	343	0.00
68: Injection or ligation of esophageal varices	60	0.00
69: Esophageal dilatation	744	0.00
70: Upper gastrointestinal endoscopy, biopsy	15,404	0.05
71: Gastrostomy, temporary and permanent	8,042	0.03
72: Colostomy, temporary and permanent	<= 10	* .**
73: Ileostomy and other enterostomy	378	0.00
75: Small bowel resection	11	0.00
76: Colonoscopy and biopsy	2,997	0.01
77: Proctoscopy and anorectal biopsy	943	0.00
78: Colorectal resection	30	0.00
79: Local excision of large intestine lesion (not endoscopic)	<= 10	* .**
80: Appendectomy	23,495	0.08
81: Hemorrhoid procedures	1,516	0.01
82: Endoscopic retrograde cannulation of pancreas (ERCP)	546	0.00
83: Biopsy of liver	120	0.00
84: Cholecystectomy and common duct exploration	11,603	0.04
85: Inguinal and femoral hernia repair	1,075	0.00
86: Other hernia repair	1,046	0.00
87: Laparoscopy	758	0.00
88: Abdominal paracentesis	5,101	0.02
89: Exploratory laparotomy	46	0.00
90: Excision, lysis peritoneal adhesions	<= 10	* .**
91: Peritoneal dialysis	124	0.00

***For more information about the coding of HCUP data elements,  
please refer to the section on Description of Data Elements.***

***HCUP Summary Statistics Report: NEDS 2016 ED File  
Frequency Distribution for CPTCCS1***

CPTCCS1	Frequency	Percent
93: Other non-OR upper GI therapeutic procedures	75	0.00
94: Other OR upper GI therapeutic procedures	185	0.00
95: Other non-OR lower GI therapeutic procedures	12	0.00
96: Other OR lower GI therapeutic procedures	3,933	0.01
97: Other gastrointestinal diagnostic procedures	122	0.00
98: Other non-OR gastrointestinal therapeutic procedures	201	0.00
99: Other OR gastrointestinal therapeutic procedures	567	0.00
100: Endoscopy and endoscopic biopsy of the urinary tract	494	0.00
101: Transurethral excision, drainage, or removal urinary obstruction	1,924	0.01
102: Ureteral catheterization	3,857	0.01
103: Nephrotomy and nephrostomy	844	0.00
104: Nephrectomy, partial or complete	<= 10	*. **
106: Genitourinary incontinence procedures	23	0.00
107: Extracorporeal lithotripsy, urinary	3,184	0.01
108: Indwelling catheter	33,417	0.12
109: Procedures on the urethra	309	0.00
110: Other diagnostic procedures of urinary tract	892	0.00
111: Other non-OR therapeutic procedures of urinary tract	1,612	0.01
112: Other OR therapeutic procedures of urinary tract	536	0.00
113: Transurethral resection of prostate (TURP)	108	0.00
114: Open prostatectomy	<= 10	*. **
115: Circumcision	90	0.00
116: Diagnostic procedures, male genital	175	0.00
117: Other non-OR therapeutic procedures, male genital	705	0.00
118: Other OR therapeutic procedures, male genital	1,940	0.01
119: Oophorectomy, unilateral and bilateral	736	0.00
120: Other operations on ovary	23	0.00
121: Ligation of fallopian tubes	14	0.00
122: Removal of ectopic pregnancy	2,448	0.01
123: Other operations on fallopian tubes	36	0.00
124: Hysterectomy, abdominal and vaginal	99	0.00

***For more information about the coding of HCUP data elements,  
please refer to the section on Description of Data Elements.***

***HCUP Summary Statistics Report: NEDS 2016 ED File  
Frequency Distribution for CPTCCS1***

CPTCCS1	Frequency	Percent
125: Other excision of cervix and uterus	142	0.00
126: Abortion (termination of pregnancy)	62	0.00
127: Dilatation and curettage (D&C), aspiration after delivery or abortion	4,016	0.01
128: Diagnostic dilatation and curettage (D&C)	345	0.00
129: Repair of cystocele and rectocele, obliteration of vaginal vault	23	0.00
130: Other diagnostic procedures, female organs	628	0.00
131: Other non-OR therapeutic procedures, female organs	467	0.00
132: Other OR therapeutic procedures, female organs	6,564	0.02
134: Cesarean section	<= 10	* .**
135: Forceps, vacuum, and breech delivery	97	0.00
137: Other procedures to assist delivery	89	0.00
138: Diagnostic amniocentesis	<= 10	* .**
139: Fetal monitoring	19,602	0.07
140: Repair of current obstetric laceration	22	0.00
141: Other therapeutic obstetrical procedures	48	0.00
142: Partial excision bone	78	0.00
143: Bunionectomy or repair of toe deformities	25	0.00
144: Treatment, facial fracture or dislocation	1,795	0.01
145: Treatment, fracture or dislocation of radius and ulna	25,844	0.09
146: Treatment, fracture or dislocation of hip and femur	3,552	0.01
147: Treatment, fracture or dislocation of lower extremity (other than hip or femur)	9,979	0.04
148: Other fracture and dislocation procedure	25,283	0.09
149: Arthroscopy	31	0.00
150: Division of joint capsule, ligament or cartilage	13	0.00
151: Excision of semilunar cartilage of knee	84	0.00
152: Arthroplasty knee	11	0.00
153: Hip replacement, total and partial	<= 10	* .**
154: Arthroplasty other than hip or knee	44	0.00
155: Arthrocentesis	6,256	0.02
156: Injections and aspirations of muscles, tendons, bursa, joints and soft tissue	1,570	0.01
157: Amputation of lower extremity	98	0.00

***For more information about the coding of HCUP data elements,  
please refer to the section on Description of Data Elements.***

***HCUP Summary Statistics Report: NEDS 2016 ED File  
Frequency Distribution for CPTCCS1***

CPTCCS1	Frequency	Percent
158: Spinal fusion	38	0.00
159: Other diagnostic procedures on musculoskeletal system	154	0.00
160: Other therapeutic procedures on muscles and tendons	2,918	0.01
161: Other OR therapeutic procedures on bone	547	0.00
162: Other OR therapeutic procedures on joints	459	0.00
163: Other non-OR therapeutic procedures on musculoskeletal system	167	0.00
164: Other OR therapeutic procedures on musculoskeletal system	1,406	0.00
165: Breast biopsy and other diagnostic procedures on breast	188	0.00
166: Lumpectomy, quadrantectomy of breast	78	0.00
167: Mastectomy	13	0.00
168: Incision and drainage, skin and subcutaneous tissue	93,166	0.33
169: Debridement of wound, infection or burn	13,347	0.05
170: Excision of skin lesion	4,641	0.02
171: Suture of skin and subcutaneous tissue	321,258	1.13
172: Skin graft	813	0.00
173: Other diagnostic procedures on skin and subcutaneous tissue	780	0.00
174: Other non-OR therapeutic procedures on skin and breast	19,242	0.07
175: Other OR therapeutic procedures on skin and breast	4,466	0.02
177: Computerized axial tomography (CT) scan head	712,720	2.52
178: CT scan chest	165,469	0.58
179: CT scan abdomen	976,520	3.45
180: Other CT scan	273,866	0.97
181: Myelogram	69	0.00
182: Mammography	112	0.00
183: Routine chest X-ray	452,337	1.60
184: Intraoperative cholangiogram	18	0.00
185: Upper gastrointestinal X-ray	841	0.00
186: Lower gastrointestinal X-ray	121	0.00
187: Intravenous pyelogram	29	0.00
188: Cerebral arteriogram	<= 10	*,**
189: Contrast aortogram	1,193	0.00

***For more information about the coding of HCUP data elements,  
please refer to the section on Description of Data Elements.***



***HCUP Summary Statistics Report: NEDS 2016 ED File  
Frequency Distribution for CPTCCS1***

CPTCCS1	Frequency	Percent
190: Contrast arteriogram of femoral and lower extremity arteries	<= 10	*,**
191: Arterio- or venogram (not heart and head)	8,299	0.03
192: Diagnostic ultrasound of head and neck	3,670	0.01
193: Diagnostic ultrasound of heart (echocardiogram)	43,735	0.15
195: Diagnostic ultrasound of urinary tract	50	0.00
196: Diagnostic ultrasound of abdomen or retroperitoneum	79,937	0.28
197: Other diagnostic ultrasound	217,267	0.77
198: Magnetic resonance imaging	95,986	0.34
199: Electroencephalogram (EEG)	3,670	0.01
200: Nonoperative urinary system measurements	179,421	0.63
201: Cardiac stress tests	2,097	0.01
202: Electrocardiogram	177,225	0.63
203: Electrographic cardiac monitoring	1,210	0.00
204: Swan-Ganz catheterization for monitoring	25	0.00
205: Arterial blood gases	3,209	0.01
206: Microscopic examination (bacterial smear, culture, toxicology)	499,700	1.76
207: Radioisotope bone scan	153	0.00
208: Radioisotope pulmonary scan	6,392	0.02
209: Radioisotope scan and function studies	60,645	0.21
210: Other radioisotope scan	93	0.00
211: Therapeutic radiology	630	0.00
212: Diagnostic physical therapy	2,033	0.01
213: Physical therapy exercises, manipulation, and other procedures	1,878	0.01
214: Traction, splints, and other wound care	149,359	0.53
215: Other physical therapy and rehabilitation	1,358	0.00
216: Respiratory intubation and mechanical ventilation	8,370	0.03
217: Other respiratory therapy	77,428	0.27
218: Psychological and psychiatric evaluation and therapy	16,498	0.06
219: Alcohol and drug rehabilitation/detoxification	499	0.00
220: Ophthalmologic and otologic diagnosis and treatment	898	0.00
221: Nasogastric tube	420	0.00

***For more information about the coding of HCUP data elements,  
please refer to the section on Description of Data Elements.***

**HCUP Summary Statistics Report: NEDS 2016 ED File  
Frequency Distribution for CPTCCS1**

CPTCCS1	Frequency	Percent
222: Blood transfusion	12,591	0.04
224: Cancer chemotherapy	139	0.00
225: Conversion of cardiac rhythm	171	0.00
226: Other diagnostic radiology and related techniques	822,744	2.90
227: Other diagnostic procedures (interview, evaluation, consultation)	16,360,491	57.75
228: Prophylactic vaccinations and inoculations	72,380	0.26
229: Nonoperative removal of foreign body	17,755	0.06
230: Extracorporeal shock wave, other than urinary	<= 10	*,**
231: Other therapeutic procedures	1,969,208	6.95
232: Anesthesia	3,016	0.01
233: Laboratory - Chemistry and Hematology	1,017,488	3.59
234: Pathology	2,689	0.01
235: Other Laboratory	120,773	0.43
236: Home Health Services	<= 10	*,**
237: Ancillary Services	196,025	0.69
239: Transportation - patient, provider, equipment	8,988	0.03
240: Medications (Injections, infusions and other forms)	281,327	0.99
241: Visual aids and other optical supplies	65	0.00
242: Hearing devices and audiology supplies	<= 10	*,**
243: DME and supplies	96,399	0.34
244: Gastric bypass and volume reduction	77	0.00

***For more information about the coding of HCUP data elements,  
please refer to the section on Description of Data Elements.***

***HCUP Summary Statistics Report: NEDS 2016 ED File  
Frequency Distribution for NCPT***

<b>NCPT</b>	<b>Frequency</b>	<b>Percent</b>
0	2,143,717	7.57
1	5,385,667	19.01
2	3,960,992	13.98
3	2,854,855	10.08
4	1,960,421	6.92
5	1,429,228	5.05
6	1,191,766	4.21
7	1,103,517	3.90
8	1,046,774	3.70
9	970,258	3.43
10	888,908	3.14
11	848,488	3.00
12	794,304	2.80
13	594,023	2.10
14	499,676	1.76
15	2,655,574	9.37

***For more information about the coding of HCUP data elements,  
please refer to the section on Description of Data Elements.***