

HCUP Summary Statistics Report: NEDS 2017 ED File
Means of Continuous Data Elements

Variable / Label	N	N Miss	Min	Max	Mean	Std Dev
HOSP_ED : HCUP ED hospital identifier	28,803,011	0	10001.00	40649.00	27107.91	9756.45
CPTCCS1 : CCS: CPT 1	26,233,927	2,569,084	1.00	244.00	217.92	24.91
CPTCCS2 : CCS: CPT 2	21,225,772	7,577,239	1.00	244.00	215.87	25.67
CPTCCS3 : CCS: CPT 3	17,457,866	11,345,145	1.00	244.00	219.83	21.83
CPTCCS4 : CCS: CPT 4	14,818,956	13,984,055	1.00	244.00	221.79	20.45
CPTCCS5 : CCS: CPT 5	12,855,919	15,947,092	1.00	244.00	223.33	19.23
CPTCCS6 : CCS: CPT 6	11,448,517	17,354,494	1.00	243.00	224.41	18.16
CPTCCS7 : CCS: CPT 7	10,233,285	18,569,726	1.00	243.00	225.06	17.60
CPTCCS8 : CCS: CPT 8	9,138,697	19,664,314	1.00	243.00	225.47	17.34
CPTCCS9 : CCS: CPT 9	8,073,585	20,729,426	1.00	244.00	225.87	17.28
CPTCCS10 : CCS: CPT 10	7,088,103	21,714,908	1.00	243.00	226.27	17.25
CPTCCS11 : CCS: CPT 11	6,157,331	22,645,680	1.00	244.00	226.70	17.25
CPTCCS12 : CCS: CPT 12	5,269,770	23,533,241	1.00	243.00	227.21	16.97
CPTCCS13 : CCS: CPT 13	4,404,508	24,398,503	1.00	244.00	227.58	17.12
CPTCCS14 : CCS: CPT 14	3,762,148	25,040,863	1.00	244.00	227.86	17.08
CPTCCS15 : CCS: CPT 15	3,199,550	25,603,461	1.00	243.00	228.06	17.12
CPTCCS16 : CCS: CPT 16	2,734,746	26,068,265	1.00	243.00	228.26	17.03
CPTCCS17 : CCS: CPT 17	2,346,687	26,456,324	1.00	244.00	228.40	17.05
CPTCCS18 : CCS: CPT 18	2,037,218	26,765,793	1.00	243.00	228.54	16.99
CPTCCS19 : CCS: CPT 19	1,774,160	27,028,851	2.00	243.00	228.66	17.09

(Continued)

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CPTCCS20 : CCS: CPT 20	1,565,300	27,237,711	2.00	243.00	228.73	17.31
CPTCCS21 : CCS: CPT 21	1,318,188	27,484,823	3.00	243.00	228.92	17.21
CPTCCS22 : CCS: CPT 22	1,152,751	27,650,260	3.00	244.00	229.16	17.34
CPTCCS23 : CCS: CPT 23	1,026,798	27,776,213	3.00	243.00	229.32	17.25
CPTCCS24 : CCS: CPT 24	923,803	27,879,208	3.00	244.00	229.45	17.41
CPTCCS25 : CCS: CPT 25	825,791	27,977,220	3.00	243.00	229.58	17.43
CPTCCS26 : CCS: CPT 26	694,021	28,108,990	3.00	243.00	229.55	17.80
CPTCCS27 : CCS: CPT 27	622,182	28,180,829	2.00	244.00	229.69	17.79
CPTCCS28 : CCS: CPT 28	562,795	28,240,216	3.00	243.00	229.78	18.03
CPTCCS29 : CCS: CPT 29	505,367	28,297,644	3.00	244.00	229.91	17.95
CPTCCS30 : CCS: CPT 30	456,232	28,346,779	3.00	243.00	230.09	17.99
CPTCCS31 : CCS: CPT 31	408,827	28,394,184	3.00	244.00	230.16	18.07
CPTCCS32 : CCS: CPT 32	314,438	28,488,573	3.00	243.00	230.86	17.41
CPTCCS33 : CCS: CPT 33	282,362	28,520,649	3.00	243.00	230.95	17.64
CPTCCS34 : CCS: CPT 34	254,499	28,548,512	3.00	243.00	231.08	17.63
CPTCCS35 : CCS: CPT 35	230,122	28,572,889	2.00	243.00	231.30	17.24
NCPT : Number of CPT/HCPCS procedures for this visit	28,803,011	0	0.00	35.00	6.32	6.79

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Frequency Distribution for CPT1

CPT1	Frequency	Percent
Blank	2,451,772	8.51
Anesthesia	7,573	0.03
Other	264,094	0.92
Surgery	2,315,823	8.04
Radiology	4,150,784	14.41
Pathology and Laboratory	1,421,948	4.94
Medicine	1,510,352	5.24
Evaluation and Management	15,667,072	54.39
Transportation	12,414	0.04
Medical and Surgical Supplies	8,024	0.03
Miscellaneous and Experimental	40,001	0.14
Enteral and Parenteral Therapy	22	0.00
Dental	365	0.00
Durable Medical Equipment	190	0.00
Temporary Procedures/Services	439,685	1.53
Drugs (Non-oral)	380,096	1.32
Chemotherapy Drugs	501	0.00
Orthotic	9,366	0.03
Prosthetic	26	0.00
Private Payer Codes	9,663	0.03
Vision	44	0.00
Hearing	<= 10	*,**
Local Codes	141	0.00
CPT/HCPCS inconsistent with sex	109	0.00
Invalid CPT/HCPCS (invl)	112,945	0.39

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Frequency Distribution for CPTCCS1

CPTCCS1	Frequency	Percent
:: Missing	2,456,030	8.53
A: Invalid	112,945	0.39
C: Inconsistent	109	0.00
1: Incision and excision of CNS	11	0.00
2: Insertion, replacement, or removal of extracranial ventricular shunt	97	0.00
3: Laminectomy, excision intervertebral disc	490	0.00
4: Diagnostic spinal tap	7,371	0.03
5: Insertion of catheter or spinal stimulator and injection into spinal canal	636	0.00
6: Decompression peripheral nerve	92	0.00
7: Other diagnostic nervous system procedures	104	0.00
8: Other non-OR or closed therapeutic nervous system procedures	19,124	0.07
9: Other OR therapeutic nervous system procedures	1,879	0.01
10: Thyroidectomy, partial or complete	46	0.00
11: Diagnostic endocrine procedures	<= 10	*. **
12: Other therapeutic endocrine procedures	19	0.00
13: Corneal transplant	<= 10	*. **
14: Glaucoma procedures	49	0.00
15: Lens and cataract procedures	103	0.00
16: Repair of retinal tear, detachment	190	0.00
17: Destruction of lesion of retina and choroid	<= 10	*. **
18: Diagnostic procedures on eye	27	0.00
19: Other therapeutic procedures on eyelids, conjunctiva, cornea	2,549	0.01
20: Other intraocular therapeutic procedures	191	0.00
21: Other extraocular muscle and orbit therapeutic procedures	44	0.00
22: Tympanoplasty	16	0.00
23: Myringotomy	49	0.00
24: Mastoidectomy	<= 10	*. **
25: Diagnostic procedures on ear	<= 10	*. **
26: Other therapeutic ear procedures	11,394	0.04
27: Control of epistaxis	16,557	0.06
28: Plastic procedures on nose	58	0.00

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Frequency Distribution for CPTCCS1

CPTCCS1	Frequency	Percent
29: Oral and Dental Services	4,418	0.02
30: Tonsillectomy and/or adenoidectomy	137	0.00
31: Diagnostic procedures on nose, mouth and pharynx	539	0.00
32: Other non-OR therapeutic procedures on nose, mouth and pharynx	1,577	0.01
33: Other OR therapeutic procedures on nose, mouth and pharynx	4,218	0.01
34: Tracheostomy, temporary and permanent	73	0.00
35: Tracheoscopy and laryngoscopy with biopsy	994	0.00
36: Lobectomy or pneumonectomy	<= 10	* .**
37: Diagnostic bronchoscopy and biopsy of bronchus	559	0.00
38: Other diagnostic procedures on lung and bronchus	736	0.00
39: Incision of pleura, thoracentesis, chest drainage	3,071	0.01
40: Other diagnostic procedures of respiratory tract and mediastinum	33	0.00
41: Other non-OR therapeutic procedures on respiratory system	778	0.00
42: Other OR therapeutic procedures on respiratory system	1,357	0.00
43: Heart valve procedures	<= 10	* .**
44: Coronary artery bypass graft (CABG)	<= 10	* .**
45: Percutaneous transluminal coronary angioplasty (PTCA)	2,834	0.01
46: Coronary thrombolysis	25	0.00
47: Diagnostic cardiac catheterization, coronary arteriography	16,840	0.06
48: Insertion, revision, replacement, removal of cardiac pacemaker or cardioverter/defibrillator	898	0.00
49: Other OR heart procedures	115	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	14	0.00
53: Varicose vein stripping, lower limb	22	0.00
54: Other vascular catheterization, not heart	16,790	0.06
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	1,222	0.00
58: Hemodialysis	17,261	0.06
59: Other OR procedures on vessels of head and neck	93	0.00

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CPTCCS1	Frequency	Percent
60: Embolectomy and endarterectomy of lower limbs	12	0.00
61: Other OR procedures on vessels other than head and neck	1,044	0.00
62: Other diagnostic cardiovascular procedures	841	0.00
63: Other non-OR therapeutic cardiovascular procedures	16,685	0.06
64: Bone marrow transplant	<= 10	*.**. **
65: Bone marrow biopsy	83	0.00
66: Procedures on spleen	<= 10	*. **. **
67: Other therapeutic procedures, hemic and lymphatic system	337	0.00
68: Injection or ligation of esophageal varices	71	0.00
69: Esophageal dilatation	812	0.00
70: Upper gastrointestinal endoscopy, biopsy	17,699	0.06
71: Gastrostomy, temporary and permanent	8,257	0.03
72: Colostomy, temporary and permanent	<= 10	*. **. **
73: Ileostomy and other enterostomy	363	0.00
75: Small bowel resection	<= 10	*. **. **
76: Colonoscopy and biopsy	3,342	0.01
77: Proctoscopy and anorectal biopsy	953	0.00
78: Colorectal resection	42	0.00
79: Local excision of large intestine lesion (not endoscopic)	<= 10	*. **. **
80: Appendectomy	26,179	0.09
81: Hemorrhoid procedures	1,516	0.01
82: Endoscopic retrograde cannulation of pancreas (ERCP)	682	0.00
83: Biopsy of liver	153	0.00
84: Cholecystectomy and common duct exploration	13,028	0.05
85: Inguinal and femoral hernia repair	1,110	0.00
86: Other hernia repair	1,093	0.00
87: Laparoscopy	806	0.00
88: Abdominal paracentesis	6,440	0.02
89: Exploratory laparotomy	43	0.00
90: Excision, lysis peritoneal adhesions	<= 10	*. **. **
91: Peritoneal dialysis	223	0.00

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CPTCCS1	Frequency	Percent
92: Other bowel diagnostic procedures	<= 10	*.**
93: Other non-OR upper GI therapeutic procedures	72	0.00
94: Other OR upper GI therapeutic procedures	152	0.00
95: Other non-OR lower GI therapeutic procedures	22	0.00
96: Other OR lower GI therapeutic procedures	3,988	0.01
97: Other gastrointestinal diagnostic procedures	138	0.00
98: Other non-OR gastrointestinal therapeutic procedures	233	0.00
99: Other OR gastrointestinal therapeutic procedures	533	0.00
100: Endoscopy and endoscopic biopsy of the urinary tract	484	0.00
101: Transurethral excision, drainage, or removal urinary obstruction	2,228	0.01
102: Ureteral catheterization	4,158	0.01
103: Nephrotomy and nephrostomy	1,017	0.00
104: Nephrectomy, partial or complete	<= 10	*.**
106: Genitourinary incontinence procedures	30	0.00
107: Extracorporeal lithotripsy, urinary	3,702	0.01
108: Indwelling catheter	36,755	0.13
109: Procedures on the urethra	303	0.00
110: Other diagnostic procedures of urinary tract	1,320	0.00
111: Other non-OR therapeutic procedures of urinary tract	1,896	0.01
112: Other OR therapeutic procedures of urinary tract	517	0.00
113: Transurethral resection of prostate (TURP)	113	0.00
114: Open prostatectomy	<= 10	*.**
115: Circumcision	57	0.00
116: Diagnostic procedures, male genital	175	0.00
117: Other non-OR therapeutic procedures, male genital	728	0.00
118: Other OR therapeutic procedures, male genital	2,019	0.01
119: Oophorectomy, unilateral and bilateral	810	0.00
120: Other operations on ovary	26	0.00
121: Ligation of fallopian tubes	31	0.00
122: Removal of ectopic pregnancy	2,359	0.01
123: Other operations on fallopian tubes	32	0.00

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Frequency Distribution for CPTCCS1

CPTCCS1	Frequency	Percent
124: Hysterectomy, abdominal and vaginal	209	0.00
125: Other excision of cervix and uterus	192	0.00
126: Abortion (termination of pregnancy)	42	0.00
127: Dilatation and curettage (D&C), aspiration after delivery or abortion	3,660	0.01
128: Diagnostic dilatation and curettage (D&C)	278	0.00
129: Repair of cystocele and rectocele, obliteration of vaginal vault	25	0.00
130: Other diagnostic procedures, female organs	689	0.00
131: Other non-OR therapeutic procedures, female organs	444	0.00
132: Other OR therapeutic procedures, female organs	6,394	0.02
134: Cesarean section	12	0.00
135: Forceps, vacuum, and breech delivery	129	0.00
137: Other procedures to assist delivery	495	0.00
138: Diagnostic amniocentesis	<= 10	*.**
139: Fetal monitoring	14,160	0.05
140: Repair of current obstetric laceration	20	0.00
141: Other therapeutic obstetrical procedures	93	0.00
142: Partial excision bone	286	0.00
143: Bunionectomy or repair of toe deformities	23	0.00
144: Treatment, facial fracture or dislocation	2,001	0.01
145: Treatment, fracture or dislocation of radius and ulna	27,514	0.10
146: Treatment, fracture or dislocation of hip and femur	3,925	0.01
147: Treatment, fracture or dislocation of lower extremity (other than hip or femur)	12,132	0.04
148: Other fracture and dislocation procedure	27,144	0.09
149: Arthroscopy	23	0.00
150: Division of joint capsule, ligament or cartilage	<= 10	*.**
151: Excision of semilunar cartilage of knee	137	0.00
152: Arthroplasty knee	16	0.00
153: Hip replacement, total and partial	13	0.00
154: Arthroplasty other than hip or knee	64	0.00
155: Arthrocentesis	6,476	0.02
156: Injections and aspirations of muscles, tendons, bursa, joints and soft tissue	2,898	0.01

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CPTCCS1	Frequency	Percent
157: Amputation of lower extremity	116	0.00
158: Spinal fusion	43	0.00
159: Other diagnostic procedures on musculoskeletal system	204	0.00
160: Other therapeutic procedures on muscles and tendons	2,649	0.01
161: Other OR therapeutic procedures on bone	474	0.00
162: Other OR therapeutic procedures on joints	499	0.00
163: Other non-OR therapeutic procedures on musculoskeletal system	162	0.00
164: Other OR therapeutic procedures on musculoskeletal system	1,562	0.01
165: Breast biopsy and other diagnostic procedures on breast	226	0.00
166: Lumpectomy, quadrantectomy of breast	77	0.00
167: Mastectomy	36	0.00
168: Incision and drainage, skin and subcutaneous tissue	97,806	0.34
169: Debridement of wound, infection or burn	16,720	0.06
170: Excision of skin lesion	4,774	0.02
171: Suture of skin and subcutaneous tissue	362,778	1.26
172: Skin graft	746	0.00
173: Other diagnostic procedures on skin and subcutaneous tissue	929	0.00
174: Other non-OR therapeutic procedures on skin and breast	22,189	0.08
175: Other OR therapeutic procedures on skin and breast	4,817	0.02
176: Other organ transplantation	<= 10	*.***
177: Computerized axial tomography (CT) scan head	764,096	2.65
178: CT scan chest	186,675	0.65
179: CT scan abdomen	1,055,099	3.66
180: Other CT scan	290,647	1.01
181: Myelogram	84	0.00
182: Mammography	168	0.00
183: Routine chest X-ray	580,249	2.01
184: Intraoperative cholangiogram	16	0.00
185: Upper gastrointestinal X-ray	752	0.00
186: Lower gastrointestinal X-ray	101	0.00
187: Intravenous pyelogram	29	0.00

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CPTCCS1	Frequency	Percent
189: Contrast aortogram	1,361	0.00
190: Contrast arteriogram of femoral and lower extremity arteries	<= 10	*,**
191: Arterio- or venogram (not heart and head)	12,100	0.04
192: Diagnostic ultrasound of head and neck	3,718	0.01
193: Diagnostic ultrasound of heart (echocardiogram)	46,653	0.16
195: Diagnostic ultrasound of urinary tract	60	0.00
196: Diagnostic ultrasound of abdomen or retroperitoneum	83,373	0.29
197: Other diagnostic ultrasound	210,446	0.73
198: Magnetic resonance imaging	97,813	0.34
199: Electroencephalogram (EEG)	2,675	0.01
200: Nonoperative urinary system measurements	142,774	0.50
201: Cardiac stress tests	1,661	0.01
202: Electrocardiogram	140,794	0.49
203: Electrographic cardiac monitoring	1,253	0.00
204: Swan-Ganz catheterization for monitoring	<= 10	*,**
205: Arterial blood gases	1,997	0.01
206: Microscopic examination (bacterial smear, culture, toxicology)	495,311	1.72
207: Radioisotope bone scan	148	0.00
208: Radioisotope pulmonary scan	6,432	0.02
209: Radioisotope scan and function studies	63,513	0.22
210: Other radioisotope scan	80	0.00
211: Therapeutic radiology	605	0.00
212: Diagnostic physical therapy	2,401	0.01
213: Physical therapy exercises, manipulation, and other procedures	6,823	0.02
214: Traction, splints, and other wound care	161,821	0.56
215: Other physical therapy and rehabilitation	2,063	0.01
216: Respiratory intubation and mechanical ventilation	10,874	0.04
217: Other respiratory therapy	79,462	0.28
218: Psychological and psychiatric evaluation and therapy	19,527	0.07
219: Alcohol and drug rehabilitation/detoxification	95	0.00
220: Ophthalmologic and otologic diagnosis and treatment	1,583	0.01

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221: Nasogastric tube	456	0.00
222: Blood transfusion	13,808	0.05
224: Cancer chemotherapy	147	0.00
225: Conversion of cardiac rhythm	216	0.00
226: Other diagnostic radiology and related techniques	925,554	3.21
227: Other diagnostic procedures (interview, evaluation, consultation)	15,874,058	55.11
228: Prophylactic vaccinations and inoculations	63,185	0.22
229: Nonoperative removal of foreign body	19,623	0.07
230: Extracorporeal shock wave, other than urinary	46	0.00
231: Other therapeutic procedures	2,186,701	7.59
232: Anesthesia	7,810	0.03
233: Laboratory - Chemistry and Hematology	899,355	3.12
234: Pathology	2,563	0.01
235: Other Laboratory	115,360	0.40
237: Ancillary Services	207,258	0.72
239: Transportation - patient, provider, equipment	12,415	0.04
240: Medications (Injections, infusions and other forms)	409,752	1.42
241: Visual aids and other optical supplies	44	0.00
242: Hearing devices and audiology supplies	<= 10	*.**
243: DME and supplies	92,339	0.32
244: Gastric bypass and volume reduction	62	0.00

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0	2,451,772	8.51
1	5,073,911	17.62
2	3,776,201	13.11
3	2,651,378	9.21
4	1,970,345	6.84
5	1,411,862	4.90
6	1,216,090	4.22
7	1,095,849	3.80
8	1,065,422	3.70
9	986,157	3.42
10	931,558	3.23
11	887,930	3.08
12	865,485	3.00
13	642,772	2.23
14	563,253	1.96
15	465,701	1.62
16	388,750	1.35
17	309,657	1.08
18	262,853	0.91
19	208,390	0.72
20	247,172	0.86
21	164,873	0.57
22	125,393	0.44
23	102,652	0.36
24	97,722	0.34
25	133,251	0.46
26	71,619	0.25
27	59,219	0.21
28	57,263	0.20
29	49,266	0.17
30	47,688	0.17

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31	96,140	0.33
32	32,317	0.11
33	28,086	0.10
34	24,688	0.09
35	240,326	0.83

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