

HCUP Summary Statistics Report: NEDS 2007 - ED File
Means of Continuous Data Elements

Variable / Label	N	N Miss	Minimum	Maximum	Mean	Std Dev
DISCWT : Weight to ED Visits in AHA universe	22,476,739	0	1.03	27.53	4.60	1.41
HOSP_ED : HCUP ED hospital identifier	22,476,739	0	10005.00	40437.00	26252.51	9754.40
NCPT : Number of CPT/HCPCS procedures on this record	16,656,476	5,820,263	0.00	869.00	3.29	4.68
NPR_ED : Number of procedures from ED	18,165,145	4,311,594	0.00	25.00	0.35	0.93
PCLASS_ED1 : Principal procedure class for ED procedure	3,842,390	18,634,349	1.00	4.00	1.72	0.63
PCLASS_ED2 : Procedure class 2 for ED procedure	1,212,199	21,264,540	1.00	4.00	1.50	0.65
PCLASS_ED3 : Procedure class 3 for ED procedure	566,398	21,910,341	1.00	4.00	1.46	0.66
PCLASS_ED4 : Procedure class 4 for ED procedure	285,492	22,191,247	1.00	4.00	1.46	0.72
PCLASS_ED5 : Procedure class 5 for ED procedure	157,001	22,319,738	1.00	4.00	1.54	0.81
PCLASS_ED6 : Procedure class 6 for ED procedure	85,671	22,391,068	1.00	4.00	1.66	0.90
PCLASS_ED7 : Procedure class 7 for ED procedure	45,839	22,430,900	1.00	4.00	1.77	1.00
PCLASS_ED8 : Procedure class 8 for ED procedure	26,673	22,450,066	1.00	4.00	1.89	1.08
PCLASS_ED9 : Procedure class 9 for ED procedure	15,659	22,461,080	1.00	4.00	1.99	1.15
PRCCS_ED1 : CCS: principal procedure from ED	3,842,390	18,634,349	1.00	231.00	191.20	54.16
PRCCS_ED2 : CCS: procedure 2 from ED	1,212,199	21,264,540	1.00	231.00	209.09	39.45
PRCCS_ED3 : CCS: procedure 3 from ED	566,398	21,910,341	1.00	231.00	208.52	37.45
PRCCS_ED4 : CCS: procedure 4 from ED	285,492	22,191,247	3.00	231.00	209.92	28.37
PRCCS_ED5 : CCS: procedure 5 from ED	157,001	22,319,738	3.00	231.00	209.17	28.01
PRCCS_ED6 : CCS: procedure 6 from ED	85,671	22,391,068	3.00	231.00	207.25	30.91
PRCCS_ED7 : CCS: procedure 7 from ED	45,839	22,430,900	3.00	231.00	205.02	32.31
PRCCS_ED8 : CCS: procedure 8 from ED	26,673	22,450,066	3.00	231.00	204.32	29.84
PRCCS_ED9 : CCS: procedure 9 from ED	15,659	22,461,080	4.00	231.00	202.33	29.94

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***HCUP Summary Statistics Report: NEDS 2007 - ED File
Frequency Distribution for CPT1***

CPT1	Frequency	Percent
Blank	10,478,974	46.62
Valid PR	11,845,544	52.70
Invalid PR (invl)	152,221	0.68

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***HCUP Summary Statistics Report: NEDS 2007 - ED File
Frequency Distribution for HCUPFILE***

HCUPFILE	Frequency	Percent
SEDD	22,476,739	100.00

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HCUP Summary Statistics Report: NEDS 2007 - ED File
Frequency Distribution for NCPT

NCPT	Frequency	Percent
.	5,820,263	25.89
0	4,658,711	20.73
1	3,693,404	16.43
2	2,178,806	9.69
3	1,347,912	6.00
4	858,855	3.82
5	577,510	2.57
6	474,494	2.11
7	379,209	1.69
8	336,027	1.49
9	504,222	2.24
10	491,228	2.19
11	187,021	0.83
12	159,766	0.71
13	138,852	0.62
14	117,545	0.52
15	99,064	0.44
16 or greater	453,850	2.02

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HCUP Summary Statistics Report: NEDS 2007 - ED File
Frequency Distribution for NPR_ED

NPR_ED	Frequency	Percent
.	4,311,594	19.18
0	14,287,667	63.57
1	2,632,902	11.71
2	652,970	2.91
3	287,830	1.28
4	132,430	0.59
5	73,478	0.33
6	41,797	0.19
7	21,046	0.09
8	12,605	0.06
9	7,412	0.03
10	7,321	0.03
11	1,945	0.01
12	1,621	0.01
13	1,389	0.01
14	950	0.00
15	699	0.00
16 or greater	1,083	0.00

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HCUP Summary Statistics Report: NEDS 2007 - ED File
Frequency Distribution for PCLASS_ED1

PCLASS_ED1	Frequency	Percent
.: Missing	18,602,157	82.76
.A: Invalid	31,250	0.14
.C: Inconsistent	942	0.00
1: Minor Diagnostic - Non-operating room diagnostic procedures	1,339,776	5.96
2: Minor Therapeutic - Non-operating room therapeutic procedures	2,373,378	10.56
3: Major Diagnostic - Operating room diagnostic procedures	3,174	0.01
4: Major Therapeutic - Operating room therapeutic procedures	126,062	0.56

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HCUP Summary Statistics Report: NEDS 2007 - ED File
Frequency Distribution for PRCCS_ED1

PRCCS_ED1	Frequency	Percent
:: Missing	18,602,157	82.76
A: Invalid procedure	31,250	0.14
C: Inconsistent	942	0.00
1: Incision and excision of CNS	20	0.00
2: Insertion; replacement; or removal of extracranial ventricular shunt	108	0.00
3: Laminectomy; excision intervertebral disc	1,486	0.01
4: Diagnostic spinal tap	21,975	0.10
5: Insertion of catheter or spinal stimulator and injection into spinal canal	1,345	0.01
6: Decompression peripheral nerve	280	0.00
7: Other diagnostic nervous system procedures	99	0.00
8: Other non-OR or closed therapeutic nervous system procedures	14,156	0.06
9: Other OR therapeutic nervous system procedures	389	0.00
10: Thyroidectomy; partial or complete	54	0.00
11: Diagnostic endocrine procedures	35	0.00
12: Other therapeutic endocrine procedures	37	0.00
13: Corneal transplant	50	0.00
14: Glaucoma procedures	17	0.00
15: Lens and cataract procedures	738	0.00
16: Repair of retinal tear; detachment	261	0.00
17: Destruction of lesion of retina and choroid	128	0.00
18: Diagnostic procedures on eye	822	0.00
19: Other therapeutic procedures on eyelids; conjunctiva; cornea	42,383	0.19
20: Other intraocular therapeutic procedures	7,069	0.03
21: Other extraocular muscle and orbit therapeutic procedures	337	0.00
22: Tympanoplasty	34	0.00
23: Myringotomy	466	0.00
24: Mastoidectomy	<= 10	*. **
25: Diagnostic procedures on ear	43	0.00
26: Other therapeutic ear procedures	20,685	0.09
27: Control of epistaxis	25,017	0.11
28: Plastic procedures on nose	9,502	0.04
29: Dental procedures	744	0.00

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HCUP Summary Statistics Report: NEDS 2007 - ED File
Frequency Distribution for PRCCS_ED1

PRCCS_ED1	Frequency	Percent
30: Tonsillectomy and/or adenoidectomy	1,921	0.01
31: Diagnostic procedures on nose; mouth and pharynx	2,537	0.01
32: Other non-OR therapeutic procedures on nose; mouth and pharynx	35,631	0.16
33: Other OR therapeutic procedures on nose; mouth and pharynx	6,378	0.03
34: Tracheostomy; temporary and permanent	74	0.00
35: Tracheoscopy and laryngoscopy with biopsy	1,842	0.01
37: Diagnostic bronchoscopy and biopsy of bronchus	537	0.00
38: Other diagnostic procedures on lung and bronchus	<= 10	*.**
39: Incision of pleura; thoracentesis; chest drainage	2,199	0.01
40: Other diagnostic procedures of respiratory tract and mediastinum	161	0.00
41: Other non-OR therapeutic procedures on respiratory system	820	0.00
42: Other OR Rx procedures on respiratory system and mediastinum	198	0.00
43: Heart valve procedures	13	0.00
44: Coronary artery bypass graft (CABG)	<= 10	*.**
45: Percutaneous transluminal coronary angioplasty (PTCA)	763	0.00
46: Coronary thrombolysis	<= 10	*.**
47: Diagnostic cardiac catheterization; coronary arteriography	13,143	0.06
48: Insertion; revision; replacement; removal of cardiac pacemaker or cardioverter/defibrillator	332	0.00
49: Other OR heart procedures	104	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	27	0.00
53: Varicose vein stripping; lower limb	72	0.00
54: Other vascular catheterization; not heart	20,529	0.09
55: Peripheral vascular bypass	30	0.00
57: Creation; revision and removal of arteriovenous fistula or vessel-to-vessel cannula for di a	181	0.00
58: Hemodialysis	2,761	0.01
59: Other OR procedures on vessels of head and neck	53	0.00
60: Embolectomy and endarterectomy of lower limbs	<= 10	*.**
61: Other OR procedures on vessels other than head and neck	2,254	0.01
62: Other diagnostic cardiovascular procedures	157	0.00
63: Other non-OR therapeutic cardiovascular procedures	641	0.00

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Frequency Distribution for PRCCS_ED1

PRCCS_ED1	Frequency	Percent
64: Bone marrow transplant	<= 10	*,**
65: Bone marrow biopsy	224	0.00
66: Procedures on spleen	13	0.00
67: Other therapeutic procedures; hemic and lymphatic system	203	0.00
69: Esophageal dilatation	1,316	0.01
70: Upper gastrointestinal endoscopy; biopsy	13,148	0.06
71: Gastrostomy; temporary and permanent	344	0.00
72: Colostomy; temporary and permanent	<= 10	*,**
73: Ileostomy and other enterostomy	41	0.00
74: Gastrectomy; partial and total	<= 10	*,**
75: Small bowel resection	<= 10	*,**
76: Colonoscopy and biopsy	5,775	0.03
77: Proctoscopy and anorectal biopsy	1,197	0.01
78: Colorectal resection	15	0.00
79: Local excision of large intestine lesion (not endoscopic)	<= 10	*,**
80: Appendectomy	12,761	0.06
81: Hemorrhoid procedures	2,681	0.01
82: Endoscopic retrograde cannulation of pancreas (ERCP)	41	0.00
83: Biopsy of liver	103	0.00
84: Cholecystectomy and common duct exploration	4,840	0.02
85: Inguinal and femoral hernia repair	1,077	0.00
86: Other hernia repair	734	0.00
87: Laparoscopy (GI only)	341	0.00
88: Abdominal paracentesis	1,843	0.01
89: Exploratory laparotomy	49	0.00
90: Excision; lysis peritoneal adhesions	128	0.00
91: Peritoneal dialysis	46	0.00
92: Other bowel diagnostic procedures	181	0.00
93: Other non-OR upper GI therapeutic procedures	7,209	0.03
94: Other OR upper GI therapeutic procedures	382	0.00
95: Other non-OR lower GI therapeutic procedures	3,257	0.01
96: Other OR lower GI therapeutic procedures	4,068	0.02

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Frequency Distribution for PRCCS_ED1

PRCCS_ED1	Frequency	Percent
97: Other gastrointestinal diagnostic procedures	57	0.00
98: Other non-OR gastrointestinal therapeutic procedures	1,316	0.01
99: Other OR gastrointestinal therapeutic procedures	435	0.00
100: Endoscopy and endoscopic biopsy of the urinary tract	553	0.00
101: Transurethral excision; drainage; or removal urinary obstruction	5,427	0.02
102: Ureteral catheterization	1,931	0.01
103: Nephrotomy and nephrostomy	76	0.00
104: Nephrectomy; partial or complete	<= 10	*.**
106: Genitourinary incontinence procedures	109	0.00
107: Extracorporeal lithotripsy; urinary	283	0.00
108: Indwelling catheter	51,199	0.23
109: Procedures on the urethra	462	0.00
110: Other diagnostic procedures of urinary tract	197	0.00
111: Other non-OR therapeutic procedures of urinary tract	6,595	0.03
112: Other OR therapeutic procedures of urinary tract	5,200	0.02
113: Transurethral resection of prostate (TURP)	69	0.00
114: Open prostatectomy	<= 10	*.**
115: Circumcision	105	0.00
116: Diagnostic procedures; male genital	46	0.00
117: Other non-OR therapeutic procedures; male genital	1,619	0.01
118: Other OR therapeutic procedures; male genital	1,594	0.01
119: Oophorectomy; unilateral and bilateral	339	0.00
120: Other operations on ovary	519	0.00
121: Ligation or occlusion of fallopian tubes	115	0.00
122: Removal of ectopic pregnancy	1,539	0.01
123: Other operations on fallopian tubes	161	0.00
124: Hysterectomy; abdominal and vaginal	205	0.00
125: Other excision of cervix and uterus	284	0.00
126: Abortion (termination of pregnancy)	49	0.00
127: Dilatation and curettage (D&C); aspiration after delivery or abortion	6,804	0.03
128: Diagnostic dilatation and curettage (D&C)	570	0.00
129: Repair of cystocele and rectocele; obliteration of vaginal vault	49	0.00

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Frequency Distribution for PRCCS_ED1

PRCCS_ED1	Frequency	Percent
130: Other diagnostic procedures; female organs	349	0.00
131: Other non-OR therapeutic procedures; female organs	705	0.00
132: Other OR therapeutic procedures; female organs	9,285	0.04
133: Episiotomy	<= 10	*,**
134: Cesarean section	<= 10	*,**
135: Forceps; vacuum; and breech delivery	<= 10	*,**
136: Artificial rupture of membranes to assist delivery	42	0.00
137: Other procedures to assist delivery	208	0.00
138: Diagnostic amniocentesis	32	0.00
139: Fetal monitoring	12,615	0.06
140: Repair of current obstetric laceration	23	0.00
141: Other therapeutic obstetrical procedures	141	0.00
142: Partial excision bone	5,036	0.02
143: Bunionectomy or repair of toe deformities	242	0.00
144: Treatment; facial fracture or dislocation	2,318	0.01
145: Treatment; fracture or dislocation of radius and ulna	30,651	0.14
146: Treatment; fracture or dislocation of hip and femur	4,128	0.02
147: Treatment; fracture or dislocation of lower extremity (other than hip or femur)	9,651	0.04
148: Other fracture and dislocation procedure	34,436	0.15
149: Arthroscopy	28	0.00
150: Division of joint capsule; ligament or cartilage	30	0.00
151: Excision of semilunar cartilage of knee	372	0.00
152: Arthroplasty knee	191	0.00
153: Hip replacement; total and partial	12	0.00
154: Arthroplasty other than hip or knee	252	0.00
155: Arthrocentesis	7,223	0.03
156: Injections and aspirations of muscles; tendons; bursa; joints and soft tissue	1,101	0.00
157: Amputation of lower extremity	177	0.00
158: Spinal fusion	1,023	0.00
159: Other diagnostic procedures on musculoskeletal system	686	0.00
160: Other therapeutic procedures on muscles and tendons	7,541	0.03
161: Other OR therapeutic procedures on bone	455	0.00

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HCUP Summary Statistics Report: NEDS 2007 - ED File
Frequency Distribution for PRCCS_ED1

PRCCS_ED1	Frequency	Percent
162: Other OR therapeutic procedures on joints	1,740	0.01
163: Other non-OR therapeutic procedures on musculoskeletal system	26,429	0.12
164: Other OR therapeutic procedures on musculoskeletal system	1,914	0.01
165: Breast biopsy and other diagnostic procedures on breast	296	0.00
166: Lumpectomy; quadrantectomy of breast	287	0.00
167: Mastectomy	31	0.00
168: Incision and drainage; skin and subcutaneous tissue	156,116	0.69
169: Debridement of wound; infection or burn	13,448	0.06
170: Excision of skin lesion	1,847	0.01
171: Suture of skin and subcutaneous tissue	544,822	2.42
172: Skin graft	857	0.00
173: Other diagnostic procedures on skin and subcutaneous tissue	114	0.00
174: Other non-OR therapeutic procedures on skin and breast	37,549	0.17
175: Other OR therapeutic procedures on skin and breast	9,592	0.04
176: Other organ transplantation	<= 10	*.**
177: Computerized axial tomography (CT) scan head	53,425	0.24
178: CT scan chest	8,777	0.04
179: CT scan abdomen	31,733	0.14
180: Other CT scan	4,844	0.02
181: Myelogram	75	0.00
182: Mammography	45	0.00
183: Routine chest X-ray	95,306	0.42
184: Intraoperative cholangiogram	<= 10	*.**
185: Upper gastrointestinal X-ray	90	0.00
186: Lower gastrointestinal X-ray	19	0.00
187: Intravenous pyelogram	220	0.00
188: Cerebral arteriogram	247	0.00
189: Contrast aortogram	115	0.00
190: Contrast arteriogram of femoral and lower extremity arteries	90	0.00
191: Arterio- or venogram (not heart and head)	1,539	0.01
192: Diagnostic ultrasound of head and neck	119	0.00
193: Diagnostic ultrasound of heart (echocardiogram)	3,718	0.02

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HCUP Summary Statistics Report: NEDS 2007 - ED File
Frequency Distribution for PRCCS_ED1

PRCCS_ED1	Frequency	Percent
194: Diagnostic ultrasound of gastrointestinal tract	269	0.00
195: Diagnostic ultrasound of urinary tract	156	0.00
196: Diagnostic ultrasound of abdomen or retroperitoneum	3,663	0.02
197: Other diagnostic ultrasound	14,072	0.06
198: Magnetic resonance imaging	1,942	0.01
199: Electroencephalogram (EEG)	102	0.00
200: Nonoperative urinary system measurements	2,191	0.01
201: Cardiac stress tests	2,731	0.01
202: Electrocardiogram	18,208	0.08
203: Electrographic cardiac monitoring	1,986	0.01
204: Swan-Ganz catheterization for monitoring	<= 10	*.**
205: Arterial blood gases	397	0.00
206: Microscopic examination (bacterial smear; culture; toxicology)	11,881	0.05
207: Radioisotope bone scan	<= 10	*.**
208: Radioisotope pulmonary scan	126	0.00
209: Radioisotope scan and function studies	208	0.00
210: Other radioisotope scan	14	0.00
211: Therapeutic radiology for cancer treatment	50	0.00
212: Diagnostic physical therapy	449	0.00
213: Physical therapy exercises; manipulation; and other procedures	164	0.00
214: Traction; splints; and other wound care	421,912	1.88
215: Other physical therapy and rehabilitation	136	0.00
216: Respiratory intubation and mechanical ventilation	10,039	0.04
217: Other respiratory therapy	26,895	0.12
218: Psychological and psychiatric evaluation and therapy	2,191	0.01
219: Alcohol and drug rehabilitation/detoxification	4,423	0.02
220: Ophthalmologic and otologic diagnosis and treatment	902	0.00
221: Nasogastric tube	1,463	0.01
222: Blood transfusion	6,001	0.03
223: Enteral and parenteral nutrition	2,080	0.01
224: Cancer chemotherapy	52,728	0.23
225: Conversion of cardiac rhythm	9,513	0.04

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Frequency Distribution for PRCCS_ED1

PRCCS_ED1	Frequency	Percent
226: Other diagnostic radiology and related techniques	156,269	0.70
227: Other diagnostic procedures (interview; evaluation; consultation)	847,412	3.77
228: Prophylactic vaccinations and inoculations	50,111	0.22
229: Nonoperative removal of foreign body	39,292	0.17
230: Extracorporeal shock wave other than urinary	<= 10	*.**
231: Other therapeutic procedures	636,392	2.83

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***HCUP Summary Statistics Report: NEDS 2007 - ED File
Frequency Distribution for PR_ED1***

PR_ED1	Frequency	Percent
Blank	18,602,157	82.76
Valid PR	3,842,390	17.09
Inconsistent PR (incn)	942	0.00
Invalid PR (invl)	31,250	0.14

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HCUP Summary Statistics Report: NEDS 2007 - ED File
Univariates of Selected Continuous Data Elements

Variable: DISCWT (Weight to ED Visits in AHA universe)

Moments			
N	22476739	Sum Weights	22476739
Mean	4.59620647	Sum Observations	103307733
Std Deviation	1.40710015	Variance	1.97993084
Skewness	5.16075765	Kurtosis	67.8301758
Uncorrected SS	519326059	Corrected SS	44502386.7
Coeff Variation	30.6143808	Std Error Mean	0.0002968

Basic Statistical Measures			
Location		Variability	
Mean	4.596206	Std Deviation	1.40710
Median	4.558561	Variance	1.97993
Mode	5.119790	Range	26.49940
		Interquartile Range	1.40713

Tests for Location: $\mu_0=0$				
Test	Statistic		p Value	
Student's t	t	15486.07	Pr > t	<.0001
Sign	M	11238370	Pr >= M	<.0001
Signed Rank	S	1.263E14	Pr >= S	<.0001

Quantiles (Definition 5)	
Quantile	Estimate
100% Max	27.52544
99%	8.42528
95%	6.34021
90%	5.86047
75% Q3	5.11979
50% Median	4.55856
25% Q1	3.71266

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HCUP Summary Statistics Report: NEDS 2007 - ED File
Univariates of Selected Continuous Data Elements

Variable: DISCWT (Weight to ED Visits in AHA universe)

Quantiles (Definition 5)	
Quantile	Estimate
10%	3.12848
5%	3.03041
1%	2.15949
0% Min	1.02604

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