



The original 2011 Nationwide Emergency Department Sample (NEDS) included duplicated records in the South and Midwest. The duplicated records accounted for 2.2 percent of the 29.4 million NEDS records and were all emergency department (ED) visits that did not result in an admission to the same hospital (instead of ED visits that resulted in an admission). There were a total of 633,012 duplicated records. Most of these records were from hospitals in the South, but 40,000 of the records were from Midwest hospitals.

AHRQ has removed the duplicate records in Version 2 of the 2011 NEDS. Version 2 of the 2011 NEDS includes 28.8 million records (unweighted). Both versions of the NEDS provide a weighted estimate 131.0 million ED visits in the United States in 2011. The following tables include weighted estimates with 95% confidence intervals (CIs) comparing Version 2 of the NEDS with the original NEDS for different outcomes of interest by principal diagnosis grouped by the Clinical Classifications Software (CCS).

- [Table 1 includes weighted national estimates for total ED visits.](#)
  - The CIs for the Version 2 NEDS and the original NEDS are overlapping for all CCS indicating no significant differences in the national estimates.
- [Table 2 includes weighted national estimates of ED admission rates defined as the percentage of ED visits in the CCS admitted to the same hospital.](#)
  - The CIs for the Version 2 NEDS and the original NEDS are non-overlapping for 16 of the 260 CCS indicating significant differences for these conditions.
- [Table 3 includes weighted national estimates of the mortality rate when the patient is treated in the ED and not admitted.](#) The mortality rate is defined as the number of deaths per ED visits that did not result in an admission to the same hospital.
  - The CIs for the Version 2 NEDS and the original NEDS are non-overlapping for 23 of the 260 CCS indicating significant differences for these conditions.
- [Table 4 includes weighted national estimates for the mortality rate for patients admitted to the same hospital through the ED defined as the number of in-hospital deaths per ED visits that resulted in an admission to the same hospital.](#)
  - The CIs for the Version 2 NEDS and the original NEDS are overlapping for all CCS indicating no significant differences in the national estimates.

**Healthcare Cost and Utilization Project (HCUP) Nationwide Emergency Department Sample (NEDS)  
Comparison of the Version 2 NEDS (Released February 2015) to the Original NEDS (Released December 2013)**

**Table 1. Comparison of Total ED Visits, 2011**

	Compar- ison of V2 to Original <sup>a</sup>	ED Visits, Weighted					
		2011 NEDS, Version 2			2011 NEDS (Original)		
		Estimate	Lower CI	Upper CI	Estimate	Lower CI	Upper CI
Total U.S.	--	131,048,605	126,230,691	135,866,519	131,048,605	126,142,993	135,954,217
Principal Diagnosis CCS							
1: Tuberculosis	--	5,193	4,464	5,921	5,270	4,538	6,002
2: Septicemia (except in labor)	--	941,847	885,544	998,150	979,948	915,749	1,044,147
3: Bacterial infection; unspecified site	--	46,651	42,280	51,021	46,132	41,827	50,438
4: Mycoses	--	344,087	322,969	365,205	340,738	319,743	361,733
5: HIV infection	--	48,058	41,039	55,077	48,878	41,846	55,909
6: Hepatitis	--	51,123	47,497	54,749	51,776	48,088	55,463
7: Viral infection	--	1,389,176	1,289,640	1,488,712	1,375,520	1,276,504	1,474,536
8: Other infections; including parasitic	--	223,918	210,265	237,571	221,406	207,836	234,976
9: Sexually transmitted infections (not HIV or hepatitis)	--	45,242	39,577	50,907	44,793	39,164	50,422
10: Immunizations and screening for infectious disease	--	161,357	147,289	175,425	160,155	146,136	174,175
11: Cancer of head and neck	--	10,296	9,379	11,213	10,438	9,493	11,382
12: Cancer of esophagus	--	6,821	6,267	7,376	6,908	6,342	7,474
13: Cancer of stomach	--	10,535	9,639	11,430	10,725	9,818	11,631
14: Cancer of colon	--	35,498	33,337	37,659	36,229	33,992	38,466
15: Cancer of rectum and anus	--	10,826	9,996	11,657	11,088	10,223	11,953
16: Cancer of liver and intrahepatic bile duct	--	12,333	11,330	13,337	12,538	11,508	13,568
17: Cancer of pancreas	--	19,752	18,238	21,266	20,220	18,610	21,831
18: Cancer of other GI organs; peritoneum	--	8,019	7,322	8,715	8,259	7,517	9,000
19: Cancer of bronchus; lung	--	77,624	73,077	82,170	79,309	74,475	84,142
20: Cancer; other respiratory and intrathoracic	--	778	639	917	788	647	928
21: Cancer of bone and connective tissue	--	4,036	3,532	4,541	4,117	3,594	4,639
22: Melanomas of skin	--	1,105	936	1,274	1,120	947	1,292
23: Other non-epithelial cancer of skin	--	2,423	2,136	2,710	2,465	2,173	2,757
24: Cancer of breast	--	11,207	10,276	12,137	11,368	10,419	12,317
25: Cancer of uterus	--	4,445	3,958	4,932	4,481	3,991	4,971
26: Cancer of cervix	--	3,322	2,939	3,704	3,344	2,956	3,732
27: Cancer of ovary	--	8,140	7,431	8,849	8,286	7,555	9,016

**Healthcare Cost and Utilization Project (HCUP) Nationwide Emergency Department Sample (NEDS)  
Comparison of the Version 2 NEDS (Released February 2015) to the Original NEDS (Released December 2013)**

	Compar- ison of V2 to Original <sup>a</sup>	ED Visits, Weighted					
		2011 NEDS, Version 2			2011 NEDS (Original)		
		Estimate	Lower CI	Upper CI	Estimate	Lower CI	Upper CI
28: Cancer of other female genital organs	--	1,052	871	1,233	1,073	888	1,258
29: Cancer of prostate	--	7,914	7,269	8,560	7,982	7,334	8,629
30: Cancer of testis	--	862	699	1,025	857	694	1,021
31: Cancer of other male genital organs	--	229	152	305	232	155	309
32: Cancer of bladder	--	11,138	10,262	12,014	11,359	10,467	12,250
33: Cancer of kidney and renal pelvis	--	6,753	6,214	7,292	6,855	6,302	7,408
34: Cancer of other urinary organs	--	509	405	613	513	407	618
35: Cancer of brain and nervous system	--	17,564	15,713	19,414	18,199	15,915	20,484
36: Cancer of thyroid	--	925	717	1,132	939	729	1,148
37: Hodgkin`s disease	--	2,520	2,133	2,908	2,549	2,160	2,937
38: Non-Hodgkin`s Lymphoma	--	21,662	19,941	23,382	22,135	20,310	23,961
39: Leukemias	--	24,424	21,891	26,957	24,938	22,284	27,593
40: Multiple myeloma	--	9,269	8,455	10,083	9,506	8,648	10,363
41: Cancer; other and unspecified primary	--	3,867	3,252	4,481	3,887	3,273	4,501
42: Secondary malignancies	--	119,946	110,756	129,136	123,304	113,276	133,333
43: Malignant neoplasm without specification of site	--	6,822	6,296	7,348	6,905	6,366	7,445
44: Neoplasms of unspecified nature or uncertain behavior	--	33,279	31,088	35,470	33,549	31,336	35,761
45: Maintenance chemotherapy; radiotherapy	--	3,257	2,567	3,947	3,275	2,584	3,966
46: Benign neoplasm of uterus	--	45,619	40,210	51,027	45,386	39,992	50,781
47: Other and unspecified benign neoplasm	--	54,097	50,840	57,354	54,737	51,402	58,073
48: Thyroid disorders	--	45,898	42,362	49,433	46,061	42,462	49,661
49: Diabetes mellitus without complication	--	320,352	299,248	341,456	318,048	296,956	339,140
50: Diabetes mellitus with complications	--	787,337	750,420	824,254	798,895	759,435	838,356
51: Other endocrine disorders	--	96,101	90,748	101,454	96,785	91,354	102,216
52: Nutritional deficiencies	--	8,475	7,840	9,109	8,583	7,930	9,235
53: Disorders of lipid metabolism	--	6,001	3,565	8,438	5,973	3,537	8,410
54: Gout and other crystal arthropathies	--	209,220	198,496	219,944	207,793	197,019	218,568
55: Fluid and electrolyte disorders	--	920,378	882,023	958,733	922,865	883,949	961,780
56: Cystic fibrosis	--	3,990	2,590	5,390	4,050	2,639	5,460
57: Immunity disorders	--	1,830	1,446	2,214	1,835	1,454	2,217
58: Other nutritional; endocrine; and metabolic	--	87,569	82,552	92,586	88,597	83,389	93,805

**Healthcare Cost and Utilization Project (HCUP) Nationwide Emergency Department Sample (NEDS)  
Comparison of the Version 2 NEDS (Released February 2015) to the Original NEDS (Released December 2013)**

	Compar- ison of V2 to Original <sup>a</sup>	ED Visits, Weighted					
		2011 NEDS, Version 2			2011 NEDS (Original)		
		Estimate	Lower CI	Upper CI	Estimate	Lower CI	Upper CI
disorders							
59: Deficiency and other anemia	--	296,253	280,318	312,188	299,900	283,597	316,203
60: Acute posthemorrhagic anemia	--	32,345	30,186	34,503	33,590	31,212	35,968
61: Sickle cell anemia	--	224,585	191,283	257,887	225,892	192,391	259,394
62: Coagulation and hemorrhagic disorders	--	65,233	61,076	69,391	65,447	61,255	69,638
63: Diseases of white blood cells	--	64,541	59,692	69,390	65,365	60,301	70,429
64: Other hematologic conditions	--	5,340	4,925	5,756	5,450	5,009	5,891
76: Meningitis (except that caused by tuberculosis or sexually transmitted disease)	--	40,014	37,202	42,826	41,503	38,478	44,527
77: Encephalitis (except that caused by tuberculosis or sexually transmitted disease)	--	7,919	7,208	8,631	8,091	7,342	8,840
78: Other CNS infection and poliomyelitis	--	6,515	5,914	7,116	6,670	6,017	7,323
79: Parkinson's disease	--	14,227	13,252	15,202	14,308	13,325	15,291
80: Multiple sclerosis	--	32,388	29,924	34,852	32,697	30,145	35,249
81: Other hereditary and degenerative nervous system conditions	--	72,243	68,518	75,967	72,454	68,603	76,305
82: Paralysis	--	12,051	11,246	12,856	12,135	11,319	12,951
83: Epilepsy; convulsions	--	1,085,059	1,036,041	1,134,077	1,082,431	1,032,835	1,132,028
84: Headache; including migraine	--	3,064,082	2,943,495	3,184,669	3,033,923	2,913,207	3,154,639
85: Coma; stupor; and brain damage	--	89,606	82,857	96,356	90,160	83,337	96,982
86: Cataract	--	4,329	1,131	7,528	4,377	1,178	7,576
87: Retinal detachments; defects; vascular occlusion; and retinopathy	--	19,201	6,572	31,830	19,194	6,562	31,826
88: Glaucoma	--	12,213	5,042	19,384	12,153	4,983	19,323
89: Blindness and vision defects	--	107,657	97,857	117,457	106,950	97,150	116,751
90: Inflammation; infection of eye (except that caused by tuberculosis or sexually transmitted disease)	--	890,337	827,984	952,690	880,700	818,564	942,835
91: Other eye disorders	--	328,670	268,677	388,662	325,851	265,871	385,831
92: Otitis media and related conditions	--	1,977,610	1,846,353	2,108,868	1,950,173	1,819,981	2,080,365
93: Conditions associated with dizziness or vertigo	--	1,143,248	1,093,481	1,193,016	1,134,034	1,084,356	1,183,712
94: Other ear and sense organ disorders	--	722,547	688,027	757,067	715,999	681,685	750,314
95: Other nervous system disorders	--	1,638,263	1,530,345	1,746,181	1,630,879	1,523,455	1,738,303
96: Heart valve disorders	--	28,950	26,265	31,635	29,559	26,788	32,329
97: Peri-; endo-; and myocarditis; cardiomyopathy	--	64,858	60,918	68,798	66,060	61,950	70,170

**Healthcare Cost and Utilization Project (HCUP) Nationwide Emergency Department Sample (NEDS)  
Comparison of the Version 2 NEDS (Released February 2015) to the Original NEDS (Released December 2013)**

	Compar- ison of V2 to Original <sup>a</sup>	ED Visits, Weighted					
		2011 NEDS, Version 2			2011 NEDS (Original)		
		Estimate	Lower CI	Upper CI	Estimate	Lower CI	Upper CI
(except that caused by tuberculosis or sexually transmitted disease)							
98: Essential hypertension	--	749,508	704,872	794,144	742,997	698,409	787,585
99: Hypertension with complications and secondary hypertension	--	258,549	242,329	274,769	264,050	246,697	281,403
100: Acute myocardial infarction	--	522,965	494,736	551,195	535,945	505,468	566,422
101: Coronary atherosclerosis and other heart disease	--	466,628	435,491	497,765	474,390	442,409	506,371
102: Nonspecific chest pain	--	4,428,991	4,219,264	4,638,718	4,402,990	4,193,466	4,612,514
103: Pulmonary heart disease	--	177,714	168,105	187,323	183,565	172,672	194,458
104: Other and ill-defined heart disease	--	9,890	9,038	10,741	10,012	9,150	10,874
105: Conduction disorders	--	51,497	48,309	54,685	52,448	49,089	55,808
106: Cardiac dysrhythmias	--	1,471,443	1,402,997	1,539,889	1,479,248	1,409,225	1,549,271
107: Cardiac arrest and ventricular fibrillation	--	164,736	156,797	172,675	166,187	158,082	174,292
108: Congestive heart failure; nonhypertensive	--	927,791	882,592	972,991	948,931	900,783	997,078
109: Acute cerebrovascular disease	--	597,804	566,467	629,141	615,068	579,996	650,140
110: Occlusion or stenosis of precerebral arteries	--	22,048	20,265	23,832	22,540	20,681	24,399
111: Other and ill-defined cerebrovascular disease	--	21,281	19,658	22,903	21,508	19,826	23,190
112: Transient cerebral ischemia	--	286,986	270,578	303,394	290,394	273,464	307,323
113: Late effects of cerebrovascular disease	--	21,516	19,597	23,434	21,852	19,912	23,792
114: Peripheral and visceral atherosclerosis	--	99,847	93,828	105,865	101,767	95,393	108,140
115: Aortic; peripheral; and visceral artery aneurysms	--	39,123	36,654	41,591	39,615	37,007	42,224
116: Aortic and peripheral arterial embolism or thrombosis	--	22,515	20,932	24,098	23,023	21,259	24,786
117: Other circulatory disease	--	282,128	253,657	310,598	283,790	255,137	312,443
118: Phlebitis; thrombophlebitis and thromboembolism	--	277,739	262,253	293,225	279,271	263,513	295,028
119: Varicose veins of lower extremity	--	32,873	30,907	34,839	32,907	30,925	34,888
120: Hemorrhoids	--	200,880	191,030	210,729	201,673	191,704	211,642
121: Other diseases of veins and lymphatics	--	60,443	56,773	64,113	60,341	56,654	64,028
122: Pneumonia (except that caused by tuberculosis or sexually transmitted disease)	--	1,760,494	1,684,474	1,836,513	1,774,471	1,696,640	1,852,302
123: Influenza	--	351,767	328,406	375,127	344,547	321,840	367,255

**Healthcare Cost and Utilization Project (HCUP) Nationwide Emergency Department Sample (NEDS)  
Comparison of the Version 2 NEDS (Released February 2015) to the Original NEDS (Released December 2013)**

	Compar- ison of V2 to Original <sup>a</sup>	ED Visits, Weighted					
		2011 NEDS, Version 2			2011 NEDS (Original)		
		Estimate	Lower CI	Upper CI	Estimate	Lower CI	Upper CI
124: Acute and chronic tonsillitis	--	336,940	312,220	361,659	334,363	309,721	359,005
125: Acute bronchitis	--	1,548,404	1,454,813	1,641,995	1,531,463	1,438,619	1,624,307
126: Other upper respiratory infections	--	5,781,344	5,471,704	6,090,984	5,708,371	5,400,561	6,016,181
127: Chronic obstructive pulmonary disease and bronchiectasis	--	1,979,926	1,883,410	2,076,443	1,980,670	1,883,523	2,077,817
128: Asthma	--	1,942,429	1,808,573	2,076,285	1,934,914	1,800,808	2,069,019
129: Aspiration pneumonitis; food/vomitus	--	159,508	149,754	169,261	165,226	154,661	175,790
130: Pleurisy; pneumothorax; pulmonary collapse	--	219,437	208,985	229,889	220,498	209,925	231,070
131: Respiratory failure; insufficiency; arrest (adult)	--	327,255	307,116	347,394	339,284	317,223	361,345
132: Lung disease due to external agents	--	14,699	13,838	15,560	14,824	13,924	15,723
133: Other lower respiratory disease	--	2,073,806	1,977,041	2,170,571	2,057,840	1,961,175	2,154,505
134: Other upper respiratory disease	--	846,670	808,104	885,236	850,340	811,446	889,235
135: Intestinal infection	--	456,598	423,910	489,285	458,747	425,677	491,816
136: Disorders of teeth and jaw	--	1,968,865	1,867,192	2,070,538	1,953,499	1,851,325	2,055,674
137: Diseases of mouth; excluding dental	--	222,406	211,293	233,519	221,280	210,095	232,465
138: Esophageal disorders	--	414,953	393,777	436,129	415,623	393,987	437,259
139: Gastroduodenal ulcer (except hemorrhage)	--	69,793	66,059	73,526	70,673	66,790	74,557
140: Gastritis and duodenitis	--	591,038	554,697	627,379	588,988	552,670	625,305
141: Other disorders of stomach and duodenum	--	158,637	126,726	190,547	159,648	127,700	191,596
142: Appendicitis and other appendiceal conditions	--	362,533	341,674	383,392	378,066	355,691	400,441
143: Abdominal hernia	--	272,600	258,444	286,757	273,520	259,231	287,809
144: Regional enteritis and ulcerative colitis	--	120,953	114,416	127,490	121,917	115,288	128,546
145: Intestinal obstruction without hernia	--	374,647	357,532	391,762	381,773	363,651	399,895
146: Diverticulosis and diverticulitis	--	427,977	404,700	451,254	432,420	408,588	456,252
147: Anal and rectal conditions	--	164,669	157,121	172,218	166,928	159,096	174,761
148: Peritonitis and intestinal abscess	--	25,151	23,521	26,781	25,723	23,931	27,514
149: Biliary tract disease	--	672,695	639,431	705,960	681,019	646,829	715,209
151: Other liver diseases	--	166,542	158,005	175,078	169,552	160,676	178,429
152: Pancreatic disorders (not diabetes)	--	374,532	358,224	390,840	380,911	363,442	398,380
153: Gastrointestinal hemorrhage	--	647,914	620,293	675,535	654,304	625,768	682,841
154: Noninfectious gastroenteritis	--	1,168,179	1,104,503	1,231,856	1,155,342	1,092,457	1,218,227
155: Other gastrointestinal disorders	--	1,506,894	1,437,314	1,576,474	1,498,131	1,428,439	1,567,822

**Healthcare Cost and Utilization Project (HCUP) Nationwide Emergency Department Sample (NEDS)  
Comparison of the Version 2 NEDS (Released February 2015) to the Original NEDS (Released December 2013)**

	Compar- ison of V2 to Original <sup>a</sup>	ED Visits, Weighted					
		2011 NEDS, Version 2			2011 NEDS (Original)		
		Estimate	Lower CI	Upper CI	Estimate	Lower CI	Upper CI
156: Nephritis; nephrosis; renal sclerosis	--	8,848	7,725	9,970	8,917	7,788	10,046
157: Acute and unspecified renal failure	--	437,618	412,298	462,938	452,921	424,749	481,094
158: Chronic renal failure	--	39,884	33,761	46,008	39,807	33,739	45,875
159: Urinary tract infections	--	3,189,122	3,059,774	3,318,470	3,171,826	3,042,427	3,301,225
160: Calculus of urinary tract	--	1,239,064	1,184,065	1,294,062	1,231,343	1,176,110	1,286,576
161: Other diseases of kidney and ureters	--	60,245	57,139	63,352	60,303	57,174	63,432
162: Other diseases of bladder and urethra	--	26,950	25,452	28,448	27,412	25,848	28,975
163: Genitourinary symptoms and ill-defined conditions	--	759,936	728,130	791,741	763,248	730,905	795,592
164: Hyperplasia of prostate	--	37,711	34,624	40,797	38,114	35,008	41,219
165: Inflammatory conditions of male genital organs	--	212,872	203,114	222,630	212,221	202,392	222,050
166: Other male genital disorders	--	189,174	178,842	199,506	188,483	178,129	198,837
167: Nonmalignant breast conditions	--	149,340	139,926	158,753	150,035	140,532	159,539
168: Inflammatory diseases of female pelvic organs	--	468,146	436,284	500,007	468,667	436,683	500,650
169: Endometriosis	--	15,563	14,496	16,631	15,420	14,375	16,465
170: Prolapse of female genital organs	--	10,996	10,146	11,847	10,954	10,104	11,805
171: Menstrual disorders	--	365,392	344,184	386,601	362,085	340,913	383,258
172: Ovarian cyst	--	284,965	267,978	301,952	282,344	265,561	299,126
173: Menopausal disorders	--	13,208	12,134	14,283	13,151	12,078	14,224
174: Female infertility	--	451	348	555	447	344	551
175: Other female genital disorders	--	621,268	583,824	658,712	615,693	578,206	653,180
176: Contraceptive and procreative management	--	4,120	3,469	4,770	4,164	3,511	4,818
177: Spontaneous abortion	--	163,235	152,362	174,108	162,875	152,012	173,739
178: Induced abortion	--	38,612	34,551	42,674	38,711	34,655	42,767
179: Postabortion complications	--	7,844	7,044	8,643	7,873	7,070	8,675
180: Ectopic pregnancy	--	46,078	42,644	49,513	47,133	43,629	50,637
181: Other complications of pregnancy	--	1,708,410	1,582,064	1,834,757	1,695,577	1,569,577	1,821,577
182: Hemorrhage during pregnancy; abruptio placenta; placenta previa	--	576,977	539,967	613,986	571,334	534,539	608,129
183: Hypertension complicating pregnancy; childbirth and the puerperium	--	43,079	33,785	52,372	43,049	33,779	52,319
184: Early or threatened labor	--	129,074	88,446	169,703	128,600	88,001	169,199
185: Prolonged pregnancy	--	21,499	11,122	31,876	21,468	11,092	31,844

**Healthcare Cost and Utilization Project (HCUP) Nationwide Emergency Department Sample (NEDS)  
Comparison of the Version 2 NEDS (Released February 2015) to the Original NEDS (Released December 2013)**

	Compar- ison of V2 to Original <sup>a</sup>	ED Visits, Weighted					
		2011 NEDS, Version 2			2011 NEDS (Original)		
		Estimate	Lower CI	Upper CI	Estimate	Lower CI	Upper CI
186: Diabetes or abnormal glucose tolerance complicating pregnancy; childbirth; or the puerperium	--	15,023	11,390	18,656	15,021	11,389	18,652
187: Malposition; malpresentation	--	7,423	4,802	10,043	7,459	4,838	10,079
188: Fetopelvic disproportion; obstruction	--	3,376	2,101	4,650	3,374	2,100	4,648
189: Previous C-section	--	18,147	11,957	24,337	18,165	11,976	24,354
190: Fetal distress and abnormal forces of labor	--	29,132	14,517	43,747	28,909	14,426	43,391
191: Polyhydramnios and other problems of amniotic cavity	--	26,196	17,367	35,024	26,145	17,320	34,970
192: Umbilical cord complication	--	10,848	6,993	14,703	10,856	7,005	14,706
193: OB-related trauma to perineum and vulva	--	45,504	27,603	63,406	45,576	27,686	63,467
194: Forceps delivery	--	598	308	888	609	314	905
195: Other complications of birth; puerperium affecting management of mother	--	204,335	178,346	230,324	204,325	178,383	230,267
196: Normal pregnancy and/or delivery	--	80,396	66,061	94,731	79,807	65,524	94,091
197: Skin and subcutaneous tissue infections	--	3,354,191	3,216,227	3,492,154	3,434,107	3,288,357	3,579,858
198: Other inflammatory condition of skin	--	158,352	150,418	166,286	156,898	148,992	164,804
199: Chronic ulcer of skin	--	83,915	79,201	88,629	84,207	79,450	88,963
200: Other skin disorders	--	917,692	871,677	963,706	913,011	867,034	958,989
201: Infective arthritis and osteomyelitis (except that caused by tuberculosis or sexually transmitted disease)	--	56,069	52,338	59,799	57,240	53,244	61,235
202: Rheumatoid arthritis and related disease	--	36,131	33,956	38,306	36,066	33,869	38,263
203: Osteoarthritis	--	135,322	124,050	146,595	134,241	123,015	145,468
204: Other non-traumatic joint disorders	--	1,739,498	1,648,568	1,830,428	1,729,021	1,637,867	1,820,175
205: Spondylosis; intervertebral disc disorders; other back problems	--	3,773,616	3,610,653	3,936,580	3,730,544	3,568,109	3,892,978
206: Osteoporosis	--	1,932	1,325	2,539	1,911	1,314	2,508
207: Pathological fracture	--	55,190	51,338	59,042	56,334	52,290	60,378
208: Acquired foot deformities	--	6,678	5,902	7,455	6,686	5,909	7,464
209: Other acquired deformities	--	14,586	13,503	15,670	14,677	13,578	15,776
210: Systemic lupus erythematosus and connective tissue disorders	--	27,794	25,558	30,030	28,000	25,698	30,301
211: Other connective tissue disease	--	2,168,153	2,072,366	2,263,940	2,153,405	2,057,316	2,249,493
212: Other bone disease and musculoskeletal deformities	--	204,275	192,094	216,456	202,484	190,302	214,666



**Healthcare Cost and Utilization Project (HCUP) Nationwide Emergency Department Sample (NEDS)  
Comparison of the Version 2 NEDS (Released February 2015) to the Original NEDS (Released December 2013)**

	Compar- ison of V2 to Original <sup>a</sup>	ED Visits, Weighted					
		2011 NEDS, Version 2			2011 NEDS (Original)		
		Estimate	Lower CI	Upper CI	Estimate	Lower CI	Upper CI
213: Cardiac and circulatory congenital anomalies	--	7,200	6,193	8,207	7,321	6,283	8,360
214: Digestive congenital anomalies	--	12,976	10,458	15,494	13,282	10,678	15,886
215: Genitourinary congenital anomalies	--	9,247	8,495	9,998	9,243	8,493	9,993
216: Nervous system congenital anomalies	--	2,188	1,830	2,546	2,209	1,845	2,573
217: Other congenital anomalies	--	16,326	14,158	18,494	16,281	14,113	18,450
218: Liveborn	--	4,230	3,385	5,075	4,315	3,452	5,177
219: Short gestation; low birth weight; and fetal growth retardation	--	580	68	1,092	563	101	1,025
220: Intrauterine hypoxia and birth asphyxia	--	258	161	355	264	168	360
221: Respiratory distress syndrome	--	500	22	978	476	43	909
222: Hemolytic jaundice and perinatal jaundice	--	27,771	22,556	32,987	27,782	22,558	33,006
223: Birth trauma	--	794	627	961	786	619	952
224: Other perinatal conditions	--	188,088	164,954	211,223	187,284	164,120	210,447
225: Joint disorders and dislocations; trauma-related	--	521,494	498,705	544,283	535,499	510,984	560,014
226: Fracture of neck of femur (hip)	--	300,642	285,249	316,034	308,928	292,270	325,587
227: Spinal cord injury	--	14,497	13,123	15,871	14,788	13,309	16,267
228: Skull and face fractures	--	297,697	284,998	310,396	299,109	286,033	312,186
229: Fracture of upper limb	--	1,807,554	1,727,442	1,887,666	1,846,430	1,761,045	1,931,814
230: Fracture of lower limb	--	1,045,288	1,005,383	1,085,194	1,062,096	1,019,438	1,104,755
231: Other fractures	--	550,405	525,141	575,669	552,134	525,996	578,272
232: Sprains and strains	--	6,060,229	5,802,365	6,318,094	6,023,545	5,763,607	6,283,483
233: Intracranial injury	--	712,189	674,891	749,488	713,876	675,801	751,951
234: Crushing injury or internal injury	--	210,940	198,410	223,470	215,451	201,702	229,200
235: Open wounds of head; neck; and trunk	--	2,381,645	2,282,397	2,480,893	2,473,909	2,363,703	2,584,115
236: Open wounds of extremities	--	3,057,912	2,950,348	3,165,476	3,151,334	3,031,809	3,270,860
237: Complication of device; implant or graft	--	521,931	492,396	551,466	534,754	501,797	567,712
238: Complications of surgical procedures or medical care	--	683,148	651,596	714,699	691,025	657,815	724,236
239: Superficial injury; contusion	--	5,755,918	5,542,738	5,969,097	5,709,752	5,495,612	5,923,892
240: Burns	--	386,051	367,190	404,911	392,626	372,155	413,096
241: Poisoning by psychotropic agents	--	186,567	177,068	196,066	188,180	178,457	197,903
242: Poisoning by other medications and drugs	--	432,817	413,322	452,312	434,109	414,114	454,103

**Healthcare Cost and Utilization Project (HCUP) Nationwide Emergency Department Sample (NEDS)  
Comparison of the Version 2 NEDS (Released February 2015) to the Original NEDS (Released December 2013)**

	Compar- ison of V2 to Original <sup>a</sup>	ED Visits, Weighted					
		2011 NEDS, Version 2			2011 NEDS (Original)		
		Estimate	Lower CI	Upper CI	Estimate	Lower CI	Upper CI
243: Poisoning by nonmedicinal substances	--	315,132	302,428	327,837	310,738	298,119	323,356
244: Other injuries and conditions due to external causes	--	3,291,027	3,112,043	3,470,010	3,282,955	3,104,181	3,461,729
245: Syncope	--	1,179,716	1,128,137	1,231,295	1,176,700	1,124,547	1,228,853
246: Fever of unknown origin	--	1,457,957	1,338,086	1,577,828	1,444,414	1,325,099	1,563,728
247: Lymphadenitis	--	171,226	161,440	181,012	169,401	159,665	179,136
248: Gangrene	--	14,913	13,672	16,154	15,185	13,917	16,454
249: Shock	--	3,357	3,025	3,689	3,480	3,132	3,827
250: Nausea and vomiting	--	1,793,018	1,705,258	1,880,777	1,774,179	1,686,872	1,861,486
251: Abdominal pain	--	5,626,888	5,389,335	5,864,441	5,571,953	5,334,881	5,809,025
252: Malaise and fatigue	--	504,168	451,969	556,367	500,862	448,649	553,076
253: Allergic reactions	--	1,711,421	1,638,624	1,784,218	1,690,071	1,617,677	1,762,464
254: Rehabilitation care; fitting of prostheses; and adjustment of devices	--	7,442	6,042	8,841	7,461	6,099	8,823
255: Administrative/social admission	--	482,967	383,535	582,398	479,765	380,414	579,117
256: Medical examination/evaluation	--	238,882	198,358	279,407	237,357	196,894	277,819
257: Other aftercare	--	1,045,390	964,302	1,126,477	1,035,887	955,086	1,116,688
258: Other screening for suspected conditions (not mental disorders or infectious disease)	--	227,816	199,997	255,634	225,788	198,100	253,475
259: Residual codes; unclassified	--	1,126,805	984,345	1,269,265	1,120,859	978,332	1,263,386
650: Adjustment disorders	--	132,971	106,678	159,264	133,039	106,735	159,342
651: Anxiety disorders	--	878,455	837,438	919,472	870,487	829,715	911,258
652: Attention-deficit, conduct, and disruptive behavior disorders	--	98,447	83,647	113,248	97,879	83,097	112,662
653: Delirium, dementia, and amnestic and other cognitive disorders	--	210,497	198,490	222,504	211,373	199,198	223,549
654: Developmental disorders	--	35,914	30,695	41,133	35,636	30,439	40,832
655: Disorders usually diagnosed in infancy, childhood, or adolescence	--	14,282	12,292	16,272	14,202	12,213	16,191
656: Impulse control disorders, NEC	--	15,341	11,972	18,710	15,297	11,937	18,656
657: Mood disorders	--	1,244,641	1,135,764	1,353,518	1,258,021	1,146,964	1,369,079
658: Personality disorders	--	19,601	16,276	22,926	19,633	16,308	22,958
659: Schizophrenia and other psychotic disorders	--	584,576	517,968	651,185	587,539	520,827	654,251
660: Alcohol-related disorders	--	1,153,794	1,052,533	1,255,056	1,155,147	1,053,651	1,256,642

**Healthcare Cost and Utilization Project (HCUP) Nationwide Emergency Department Sample (NEDS)  
Comparison of the Version 2 NEDS (Released February 2015) to the Original NEDS (Released December 2013)**

	Compar- ison of V2 to Original <sup>a</sup>	ED Visits, Weighted					
		2011 NEDS, Version 2			2011 NEDS (Original)		
		Estimate	Lower CI	Upper CI	Estimate	Lower CI	Upper CI
661: Substance-related disorders	--	625,064	565,638	684,489	626,880	566,993	686,768
662: Suicide and intentional self-inflicted injury	--	143,495	129,340	157,650	142,091	128,087	156,094
663: Screening and history of mental health and substance abuse codes	--	149,493	138,714	160,272	150,422	139,448	161,396
670: Miscellaneous disorders	--	146,401	138,082	154,720	145,771	137,381	154,160

<sup>a</sup> The 95% confidence intervals for the Version 2 NEDS were compared to the 95% confidence intervals for the original NEDS. If the two confidence intervals were statistically different (i.e., not overlapping), then this difference is indicated by an asterisk (\*). If the two confidence intervals were not statistically different (i.e., overlapped), then this lack of difference is indicated by a double dash (--).

**Healthcare Cost and Utilization Project (HCUP) Nationwide Emergency Department Sample (NEDS)  
Comparison of the Version 2 NEDS (Released February 2015) to the Original NEDS (Released December 2013)**

**Table 2. Comparison of ED Admission Rates, 2011**

	Compar- ison of V2 to Original <sup>a</sup>	ED Admission Rates, Weighted					
		2011 NEDS, Version 2			2011 NEDS (Original)		
		Estimate	Lower CI	Upper CI	Estimate	Lower CI	Upper CI
Total U.S.	--	15.0%	14.5%	15.5%	14.7%	14.3%	15.2%
Principal Diagnosis CCS							
1: Tuberculosis	--	82.7%	78.2%	87.2%	80.6%	76.1%	85.0%
2: Septicemia (except in labor)	*	96.6%	96.4%	96.9%	91.2%	89.2%	93.3%
3: Bacterial infection; unspecified site	--	10.1%	9.0%	11.1%	10.1%	9.0%	11.1%
4: Mycoses	--	6.0%	5.5%	6.5%	6.0%	5.5%	6.4%
5: HIV infection	--	74.6%	69.5%	79.8%	72.3%	67.3%	77.2%
6: Hepatitis	--	67.4%	65.2%	69.7%	65.7%	63.4%	68.0%
7: Viral infection	--	3.9%	3.6%	4.1%	3.8%	3.6%	4.1%
8: Other infections; including parasitic	--	6.2%	5.6%	6.8%	6.2%	5.6%	6.8%
9: Sexually transmitted infections (not HIV or hepatitis)	--	4.3%	3.7%	5.0%	4.3%	3.6%	5.0%
10: Immunizations and screening for infectious disease	--	0.2%	0.2%	0.3%	0.2%	0.2%	0.3%
11: Cancer of head and neck	--	66.5%	63.6%	69.5%	64.6%	61.6%	67.7%
12: Cancer of esophagus	--	83.1%	80.8%	85.4%	81.0%	78.4%	83.5%
13: Cancer of stomach	--	90.9%	89.4%	92.3%	88.1%	86.3%	89.9%
14: Cancer of colon	*	89.4%	88.4%	90.4%	86.3%	84.8%	87.8%
15: Cancer of rectum and anus	--	89.2%	87.6%	90.8%	85.8%	83.7%	87.9%
16: Cancer of liver and intrahepatic bile duct	--	81.5%	79.4%	83.6%	79.1%	76.8%	81.5%
17: Cancer of pancreas	--	86.1%	84.8%	87.4%	82.9%	80.9%	84.8%
18: Cancer of other GI organs; peritoneum	*	92.8%	91.5%	94.2%	88.8%	86.5%	91.0%
19: Cancer of bronchus; lung	*	82.5%	81.4%	83.6%	79.4%	77.7%	81.0%
20: Cancer; other respiratory and intrathoracic	--	88.3%	83.0%	93.6%	86.5%	81.0%	91.9%
21: Cancer of bone and connective tissue	--	67.3%	63.0%	71.6%	65.1%	60.9%	69.3%
22: Melanomas of skin	--	49.5%	42.7%	56.3%	48.3%	41.5%	55.0%
23: Other non-epithelial cancer of skin	--	35.1%	30.6%	39.6%	34.2%	29.8%	38.7%
24: Cancer of breast	--	55.0%	51.5%	58.6%	53.4%	50.0%	56.9%
25: Cancer of uterus	--	79.4%	76.0%	82.7%	77.7%	74.2%	81.2%
26: Cancer of cervix	--	69.0%	64.5%	73.5%	67.6%	63.2%	72.1%
27: Cancer of ovary	--	80.2%	77.5%	82.8%	77.6%	74.7%	80.5%

**Healthcare Cost and Utilization Project (HCUP) Nationwide Emergency Department Sample (NEDS)  
Comparison of the Version 2 NEDS (Released February 2015) to the Original NEDS (Released December 2013)**

	Compar- ison of V2 to Original <sup>a</sup>	ED Admission Rates, Weighted					
		2011 NEDS, Version 2			2011 NEDS (Original)		
		Estimate	Lower CI	Upper CI	Estimate	Lower CI	Upper CI
28: Cancer of other female genital organs	--	68.4%	60.0%	76.9%	66.0%	57.6%	74.4%
29: Cancer of prostate	--	58.5%	54.8%	62.2%	57.2%	53.6%	60.8%
30: Cancer of testis	--	67.4%	59.8%	75.0%	67.4%	59.7%	75.0%
31: Cancer of other male genital organs	--	65.7%	51.1%	80.3%	64.1%	49.8%	78.4%
32: Cancer of bladder	--	83.8%	81.9%	85.7%	81.1%	78.9%	83.3%
33: Cancer of kidney and renal pelvis	--	80.5%	77.9%	83.1%	78.2%	75.4%	81.1%
34: Cancer of other urinary organs	--	78.6%	69.7%	87.5%	76.7%	67.6%	85.8%
35: Cancer of brain and nervous system	--	85.2%	83.3%	87.0%	81.1%	77.3%	84.8%
36: Cancer of thyroid	--	63.5%	54.6%	72.5%	61.5%	52.7%	70.4%
37: Hodgkin`s disease	--	75.4%	68.6%	82.2%	73.8%	67.2%	80.4%
38: Non-Hodgkin`s lymphoma	--	84.8%	83.3%	86.4%	81.9%	79.8%	84.0%
39: Leukemias	--	74.9%	72.0%	77.7%	72.3%	69.3%	75.3%
40: Multiple myeloma	--	84.6%	82.5%	86.8%	81.3%	78.7%	83.9%
41: Cancer; other and unspecified primary	--	57.5%	50.4%	64.6%	56.5%	49.6%	63.5%
42: Secondary malignancies	*	92.6%	92.0%	93.2%	88.8%	86.8%	90.8%
43: Malignant neoplasm without specification of site	--	64.6%	61.5%	67.7%	62.8%	59.7%	65.9%
44: Neoplasms of unspecified nature or uncertain behavior	--	57.1%	54.4%	59.7%	55.8%	53.2%	58.5%
45: Maintenance chemotherapy; radiotherapy	--	47.5%	37.1%	58.0%	46.8%	36.6%	57.1%
46: Benign neoplasm of uterus	--	17.9%	15.9%	19.8%	17.7%	15.8%	19.7%
47: Other and unspecified benign neoplasm	--	42.0%	39.7%	44.3%	41.0%	38.7%	43.2%
48: Thyroid disorders	--	31.2%	29.0%	33.4%	30.6%	28.4%	32.7%
49: Diabetes mellitus without complication	--	5.1%	4.3%	6.0%	5.1%	4.2%	5.9%
50: Diabetes mellitus with complications	--	54.9%	53.6%	56.3%	53.2%	51.8%	54.6%
51: Other endocrine disorders	--	42.1%	40.1%	44.2%	41.2%	39.2%	43.2%
52: Nutritional deficiencies	--	72.8%	69.9%	75.7%	70.9%	67.9%	73.9%
53: Disorders of lipid metabolism	--	8.0%	4.3%	11.6%	7.9%	4.3%	11.6%
54: Gout and other crystal arthropathies	--	8.6%	8.0%	9.3%	8.6%	8.0%	9.2%
55: Fluid and electrolyte disorders	--	36.8%	35.6%	38.0%	36.1%	34.9%	37.3%
56: Cystic fibrosis	--	72.8%	66.5%	79.2%	71.2%	64.2%	78.1%
57: Immunity disorders	--	44.8%	35.5%	54.1%	44.2%	35.1%	53.3%
58: Other nutritional; endocrine; and metabolic disorders	--	46.7%	45.1%	48.4%	45.6%	43.9%	47.3%

**Healthcare Cost and Utilization Project (HCUP) Nationwide Emergency Department Sample (NEDS)  
Comparison of the Version 2 NEDS (Released February 2015) to the Original NEDS (Released December 2013)**

	Compar- ison of V2 to Original <sup>a</sup>	ED Admission Rates, Weighted					
		2011 NEDS, Version 2			2011 NEDS (Original)		
		Estimate	Lower CI	Upper CI	Estimate	Lower CI	Upper CI
59: Deficiency and other anemia	--	55.5%	53.9%	57.2%	54.0%	52.3%	55.7%
60: Acute posthemorrhagic anemia	*	89.4%	88.3%	90.5%	84.5%	82.5%	86.5%
61: Sickle cell anemia	--	39.1%	36.1%	42.2%	38.1%	35.2%	41.1%
62: Coagulation and hemorrhagic disorders	--	35.7%	34.3%	37.2%	35.2%	33.7%	36.6%
63: Diseases of white blood cells	--	62.1%	60.0%	64.2%	60.5%	58.3%	62.6%
64: Other hematologic conditions	--	65.4%	61.8%	69.0%	62.9%	59.4%	66.5%
76: Meningitis (except that caused by tuberculosis or sexually transmitted disease)	*	80.4%	79.0%	81.9%	76.4%	74.4%	78.4%
77: Encephalitis (except that caused by tuberculosis or sexually transmitted disease)	--	88.9%	86.9%	90.9%	85.9%	83.4%	88.5%
78: Other CNS infection and poliomyelitis	--	88.1%	86.2%	90.1%	85.0%	82.2%	87.9%
79: Parkinson`s disease	--	52.8%	50.4%	55.3%	52.0%	49.5%	54.4%
80: Multiple sclerosis	--	55.1%	52.5%	57.8%	53.9%	51.2%	56.5%
81: Other hereditary and degenerative nervous system conditions	--	35.0%	32.9%	37.1%	34.5%	32.4%	36.5%
82: Paralysis	--	38.9%	36.1%	41.6%	38.0%	35.4%	40.7%
83: Epilepsy; convulsions	--	19.5%	18.7%	20.3%	19.3%	18.5%	20.1%
84: Headache; including migraine	--	2.1%	1.9%	2.2%	2.1%	1.9%	2.2%
85: Coma; stupor; and brain damage	--	18.0%	16.6%	19.4%	17.6%	16.3%	19.0%
86: Cataract	--	1.9%	0.2%	3.6%	1.9%	0.2%	3.5%
87: Retinal detachments; defects; vascular occlusion; and retinopathy	--	14.1%	4.7%	23.6%	14.0%	4.6%	23.3%
88: Glaucoma	--	5.1%	1.9%	8.3%	5.1%	1.9%	8.2%
89: Blindness and vision defects	--	5.1%	4.5%	5.7%	5.1%	4.4%	5.7%
90: Inflammation; infection of eye (except that caused by tuberculosis or sexually transmitted disease)	--	1.6%	1.5%	1.8%	1.6%	1.5%	1.8%
91: Other eye disorders	--	1.6%	1.3%	1.9%	1.6%	1.2%	1.9%
92: Otitis media and related conditions	--	0.4%	0.3%	0.4%	0.4%	0.3%	0.4%
93: Conditions associated with dizziness or vertigo	--	5.9%	5.5%	6.3%	5.9%	5.5%	6.3%
94: Other ear and sense organ disorders	--	0.7%	0.7%	0.8%	0.7%	0.7%	0.8%
95: Other nervous system disorders	--	11.3%	10.5%	12.1%	11.2%	10.4%	12.0%
96: Heart valve disorders	--	76.5%	74.5%	78.6%	74.0%	71.7%	76.3%
97: Peri-; endo-; and myocarditis; cardiomyopathy	--	71.1%	69.7%	72.6%	68.9%	67.2%	70.6%

**Healthcare Cost and Utilization Project (HCUP) Nationwide Emergency Department Sample (NEDS)  
Comparison of the Version 2 NEDS (Released February 2015) to the Original NEDS (Released December 2013)**

	Compar- ison of V2 to Original <sup>a</sup>	ED Admission Rates, Weighted					
		2011 NEDS, Version 2			2011 NEDS (Original)		
		Estimate	Lower CI	Upper CI	Estimate	Lower CI	Upper CI
(except that caused by tuberculosis or sexually transmitted disease)							
98: Essential hypertension	--	8.9%	8.2%	9.6%	8.8%	8.1%	9.6%
99: Hypertension with complications and secondary hypertension	--	71.5%	69.8%	73.3%	68.7%	66.9%	70.6%
100: Acute myocardial infarction	*	83.5%	82.1%	84.8%	80.0%	78.1%	81.9%
101: Coronary atherosclerosis and other heart disease	--	64.6%	62.7%	66.6%	62.5%	60.5%	64.4%
102: Nonspecific chest pain	--	11.0%	10.3%	11.8%	11.0%	10.2%	11.7%
103: Pulmonary heart disease	*	89.4%	88.7%	90.1%	85.0%	83.2%	86.8%
104: Other and ill-defined heart disease	--	58.0%	54.0%	61.9%	56.4%	52.6%	60.2%
105: Conduction disorders	--	74.1%	72.5%	75.7%	71.7%	69.9%	73.5%
106: Cardiac dysrhythmias	--	38.6%	37.5%	39.8%	37.8%	36.6%	38.9%
107: Cardiac arrest and ventricular fibrillation	--	8.7%	8.1%	9.2%	8.5%	7.9%	9.0%
108: Congestive heart failure; nonhypertensive	*	80.0%	78.8%	81.3%	76.8%	75.3%	78.4%
109: Acute cerebrovascular disease	*	79.9%	78.8%	81.0%	76.3%	74.6%	78.0%
110: Occlusion or stenosis of precerebral arteries	--	86.5%	85.1%	87.9%	83.2%	81.2%	85.2%
111: Other and ill-defined cerebrovascular disease	--	54.1%	51.3%	56.9%	52.8%	50.0%	55.6%
112: Transient cerebral ischemia	--	60.5%	58.6%	62.3%	58.8%	56.8%	60.7%
113: Late effects of cerebrovascular disease	--	68.2%	64.7%	71.6%	66.1%	62.8%	69.5%
114: Peripheral and visceral atherosclerosis	--	77.5%	76.1%	78.8%	74.8%	73.1%	76.4%
115: Aortic; peripheral; and visceral artery aneurysms	--	57.0%	54.8%	59.2%	55.5%	53.2%	57.8%
116: Aortic and peripheral arterial embolism or thrombosis	--	75.1%	73.0%	77.1%	72.2%	69.6%	74.8%
117: Other circulatory disease	--	39.4%	35.6%	43.1%	38.5%	34.8%	42.1%
118: Phlebitis; thrombophlebitis and thromboembolism	--	46.0%	44.4%	47.6%	45.0%	43.3%	46.6%
119: Varicose veins of lower extremity	--	4.6%	3.8%	5.4%	4.6%	3.8%	5.4%
120: Hemorrhoids	--	14.6%	13.7%	15.6%	14.4%	13.5%	15.3%
121: Other diseases of veins and lymphatics	--	26.1%	24.4%	27.8%	25.8%	24.1%	27.5%
122: Pneumonia (except that caused by tuberculosis or sexually transmitted disease)	--	49.1%	47.9%	50.2%	47.8%	46.7%	49.0%
123: Influenza	--	8.5%	7.8%	9.1%	8.5%	7.8%	9.2%
124: Acute and chronic tonsillitis	--	5.0%	4.4%	5.6%	5.0%	4.4%	5.6%

**Healthcare Cost and Utilization Project (HCUP) Nationwide Emergency Department Sample (NEDS)  
Comparison of the Version 2 NEDS (Released February 2015) to the Original NEDS (Released December 2013)**

	Compar- ison of V2 to Original <sup>a</sup>	ED Admission Rates, Weighted					
		2011 NEDS, Version 2			2011 NEDS (Original)		
		Estimate	Lower CI	Upper CI	Estimate	Lower CI	Upper CI
125: Acute bronchitis	--	7.8%	6.9%	8.7%	7.8%	6.9%	8.7%
126: Other upper respiratory infections	--	0.9%	0.8%	1.0%	0.9%	0.8%	1.1%
127: Chronic obstructive pulmonary disease and bronchiectasis	--	30.3%	29.1%	31.5%	29.7%	28.5%	30.9%
128: Asthma	--	16.8%	15.9%	17.7%	16.7%	15.7%	17.6%
129: Aspiration pneumonitis; food/vomitus	*	96.2%	95.9%	96.5%	91.4%	89.7%	93.0%
130: Pleurisy; pneumothorax; pulmonary collapse	--	37.0%	35.6%	38.3%	36.2%	34.9%	37.5%
131: Respiratory failure; insufficiency; arrest (adult)	*	89.5%	88.8%	90.2%	84.5%	82.7%	86.3%
132: Lung disease due to external agents	--	33.4%	31.1%	35.7%	32.5%	30.3%	34.7%
133: Other lower respiratory disease	--	4.1%	3.9%	4.4%	4.1%	3.9%	4.3%
134: Other upper respiratory disease	--	3.3%	3.0%	3.5%	3.2%	3.0%	3.4%
135: Intestinal infection	--	44.7%	41.7%	47.7%	43.9%	40.9%	46.8%
136: Disorders of teeth and jaw	--	0.7%	0.6%	0.8%	0.7%	0.6%	0.8%
137: Diseases of mouth; excluding dental	--	6.3%	5.9%	6.7%	6.2%	5.8%	6.7%
138: Esophageal disorders	--	24.3%	22.7%	25.9%	23.9%	22.4%	25.5%
139: Gastroduodenal ulcer (except hemorrhage)	--	55.3%	53.0%	57.5%	53.7%	51.5%	55.9%
140: Gastritis and duodenitis	--	15.9%	14.8%	16.9%	15.7%	14.7%	16.7%
141: Other disorders of stomach and duodenum	--	37.5%	30.1%	44.8%	36.6%	29.5%	43.7%
142: Appendicitis and other appendiceal conditions	--	67.4%	65.2%	69.6%	64.0%	61.5%	66.4%
143: Abdominal hernia	--	30.9%	29.3%	32.4%	30.3%	28.8%	31.9%
144: Regional enteritis and ulcerative colitis	--	58.8%	57.2%	60.4%	57.5%	55.8%	59.1%
145: Intestinal obstruction without hernia	*	78.1%	77.2%	78.9%	75.4%	74.1%	76.7%
146: Diverticulosis and diverticulitis	--	56.3%	55.2%	57.4%	54.9%	53.7%	56.0%
147: Anal and rectal conditions	--	19.8%	18.8%	20.8%	19.2%	18.2%	20.2%
148: Peritonitis and intestinal abscess	--	77.7%	76.1%	79.4%	74.9%	72.8%	76.9%
149: Biliary tract disease	--	50.7%	49.3%	52.2%	49.4%	47.9%	50.9%
151: Other liver diseases	--	55.7%	54.3%	57.0%	53.9%	52.5%	55.2%
152: Pancreatic disorders (not diabetes)	--	70.5%	69.5%	71.6%	68.2%	66.9%	69.5%
153: Gastrointestinal hemorrhage	--	48.1%	47.0%	49.2%	46.8%	45.6%	48.0%
154: Noninfectious gastroenteritis	--	10.5%	9.9%	11.1%	10.5%	9.9%	11.0%
155: Other gastrointestinal disorders	--	8.7%	8.2%	9.1%	8.6%	8.1%	9.1%
156: Nephritis; nephrosis; renal sclerosis	--	57.8%	54.5%	61.1%	56.7%	53.4%	59.9%



**Healthcare Cost and Utilization Project (HCUP) Nationwide Emergency Department Sample (NEDS)  
Comparison of the Version 2 NEDS (Released February 2015) to the Original NEDS (Released December 2013)**

	Compar- ison of V2 to Original <sup>a</sup>	ED Admission Rates, Weighted					
		2011 NEDS, Version 2			2011 NEDS (Original)		
		Estimate	Lower CI	Upper CI	Estimate	Lower CI	Upper CI
157: Acute and unspecified renal failure	*	91.8%	91.3%	92.3%	87.0%	85.2%	88.9%
158: Chronic renal failure	--	21.2%	16.4%	26.1%	21.0%	16.2%	25.8%
159: Urinary tract infections	--	15.7%	15.1%	16.4%	15.5%	14.9%	16.2%
160: Calculus of urinary tract	--	9.5%	8.9%	10.0%	9.4%	8.9%	9.9%
161: Other diseases of kidney and ureters	--	28.6%	27.2%	30.0%	28.1%	26.8%	29.5%
162: Other diseases of bladder and urethra	--	31.3%	29.5%	33.1%	30.3%	28.5%	32.0%
163: Genitourinary symptoms and ill-defined conditions	--	3.4%	3.2%	3.6%	3.3%	3.1%	3.5%
164: Hyperplasia of prostate	--	28.9%	26.4%	31.4%	28.2%	25.8%	30.7%
165: Inflammatory conditions of male genital organs	--	9.8%	9.3%	10.4%	9.7%	9.2%	10.2%
166: Other male genital disorders	--	3.6%	3.3%	3.9%	3.5%	3.2%	3.9%
167: Nonmalignant breast conditions	--	6.7%	6.2%	7.3%	6.6%	6.1%	7.1%
168: Inflammatory diseases of female pelvic organs	--	4.8%	4.4%	5.2%	4.7%	4.4%	5.1%
169: Endometriosis	--	18.6%	16.7%	20.5%	18.6%	16.7%	20.5%
170: Prolapse of female genital organs	--	5.9%	4.7%	7.1%	5.9%	4.7%	7.1%
171: Menstrual disorders	--	3.0%	2.7%	3.2%	2.9%	2.7%	3.2%
172: Ovarian cyst	--	5.3%	5.0%	5.7%	5.3%	5.0%	5.7%
173: Menopausal disorders	--	16.0%	14.1%	17.9%	15.9%	14.0%	17.7%
174: Female infertility	--	2.3%	-0.9%	5.5%	2.3%	-0.9%	5.6%
175: Other female genital disorders	--	1.8%	1.7%	2.0%	1.8%	1.7%	2.0%
176: Contraceptive and procreative management	--	0.5%	0.1%	1.0%	0.5%	0.1%	1.0%
177: Spontaneous abortion	--	6.0%	5.4%	6.7%	6.0%	5.4%	6.6%
178: Induced abortion	--	5.5%	4.5%	6.5%	5.4%	4.4%	6.4%
179: Postabortion complications	--	18.4%	16.1%	20.8%	18.1%	15.8%	20.4%
180: Ectopic pregnancy	--	36.9%	34.6%	39.1%	35.6%	33.4%	37.9%
181: Other complications of pregnancy	--	5.6%	5.1%	6.2%	5.6%	5.1%	6.1%
182: Hemorrhage during pregnancy; abruptio placenta; placenta previa	--	0.9%	0.7%	1.1%	0.9%	0.7%	1.1%
183: Hypertension complicating pregnancy; childbirth and the puerperium	--	49.8%	44.4%	55.3%	49.4%	43.9%	54.9%
184: Early or threatened labor	--	14.1%	11.1%	17.0%	14.0%	11.1%	17.0%
185: Prolonged pregnancy	--	90.3%	86.0%	94.6%	90.3%	85.9%	94.6%
186: Diabetes or abnormal glucose tolerance	--	47.2%	39.3%	55.2%	46.9%	39.0%	54.9%

**Healthcare Cost and Utilization Project (HCUP) Nationwide Emergency Department Sample (NEDS)  
Comparison of the Version 2 NEDS (Released February 2015) to the Original NEDS (Released December 2013)**

	Compar- ison of V2 to Original <sup>a</sup>	ED Admission Rates, Weighted					
		2011 NEDS, Version 2			2011 NEDS (Original)		
		Estimate	Lower CI	Upper CI	Estimate	Lower CI	Upper CI
complicating pregnancy; childbirth; or the puerperium							
187: Malposition; malpresentation	--	86.2%	81.7%	90.6%	85.3%	80.8%	89.8%
188: Fetopelvic disproportion; obstruction	--	75.3%	54.6%	96.0%	74.8%	54.2%	95.5%
189: Previous C-section	--	96.6%	94.9%	98.2%	96.1%	94.4%	97.8%
190: Fetal distress and abnormal forces of labor	--	41.5%	22.9%	60.1%	41.6%	22.9%	60.2%
191: Polyhydramnios and other problems of amniotic cavity	--	66.1%	56.7%	75.5%	66.0%	56.5%	75.4%
192: Umbilical cord complication	--	98.6%	97.9%	99.3%	98.0%	97.0%	99.0%
193: OB-related trauma to perineum and vulva	--	99.1%	98.8%	99.5%	98.6%	97.8%	99.3%
194: Forceps delivery	--	99.2%	97.6%	100.8%	96.6%	91.3%	101.9%
195: Other complications of birth; puerperium affecting management of mother	--	30.4%	27.0%	33.7%	30.1%	26.7%	33.5%
196: Normal pregnancy and/or delivery	--	18.3%	13.6%	23.1%	18.4%	13.6%	23.1%
197: Skin and subcutaneous tissue infections	--	14.4%	13.8%	15.0%	13.9%	13.3%	14.5%
198: Other inflammatory condition of skin	--	5.1%	4.7%	5.6%	5.1%	4.7%	5.5%
199: Chronic ulcer of skin	--	36.6%	34.8%	38.3%	35.9%	34.2%	37.7%
200: Other skin disorders	--	0.6%	0.6%	0.7%	0.6%	0.5%	0.7%
201: Infective arthritis and osteomyelitis (except that caused by tuberculosis or sexually transmitted disease)	--	77.7%	74.6%	80.8%	75.1%	72.0%	78.3%
202: Rheumatoid arthritis and related disease	--	19.4%	17.8%	21.1%	19.2%	17.6%	20.8%
203: Osteoarthritis	--	9.2%	8.2%	10.2%	9.2%	8.2%	10.2%
204: Other non-traumatic joint disorders	--	1.2%	1.1%	1.3%	1.2%	1.1%	1.3%
205: Spondylosis; intervertebral disc disorders; other back problems	--	3.4%	3.2%	3.7%	3.4%	3.2%	3.7%
206: Osteoporosis	--	9.5%	5.4%	13.6%	9.5%	5.4%	13.6%
207: Pathological fracture	--	75.2%	73.7%	76.7%	72.7%	70.8%	74.5%
208: Acquired foot deformities	--	4.8%	3.5%	6.2%	4.8%	3.4%	6.1%
209: Other acquired deformities	--	12.7%	11.2%	14.2%	12.5%	11.0%	13.9%
210: Systemic lupus erythematosus and connective tissue disorders	--	46.6%	43.4%	49.8%	45.6%	42.5%	48.7%
211: Other connective tissue disease	--	4.7%	4.5%	4.9%	4.7%	4.4%	4.9%
212: Other bone disease and musculoskeletal deformities	--	10.0%	8.9%	11.0%	9.9%	8.8%	11.0%

**Healthcare Cost and Utilization Project (HCUP) Nationwide Emergency Department Sample (NEDS)  
Comparison of the Version 2 NEDS (Released February 2015) to the Original NEDS (Released December 2013)**

	Compar- ison of V2 to Original <sup>a</sup>	ED Admission Rates, Weighted					
		2011 NEDS, Version 2			2011 NEDS (Original)		
		Estimate	Lower CI	Upper CI	Estimate	Lower CI	Upper CI
213: Cardiac and circulatory congenital anomalies	--	63.0%	59.7%	66.3%	61.3%	58.0%	64.7%
214: Digestive congenital anomalies	--	65.7%	60.9%	70.5%	63.5%	58.3%	68.7%
215: Genitourinary congenital anomalies	--	20.3%	18.1%	22.5%	20.0%	17.8%	22.3%
216: Nervous system congenital anomalies	--	43.6%	38.1%	49.2%	42.7%	37.3%	48.1%
217: Other congenital anomalies	--	18.9%	16.3%	21.4%	18.7%	16.2%	21.3%
218: Liveborn	--	78.8%	73.5%	84.1%	75.8%	70.0%	81.6%
219: Short gestation; low birth weight; and fetal growth retardation	--	68.9%	43.9%	93.9%	66.2%	40.3%	92.1%
220: Intrauterine hypoxia and birth asphyxia	--	59.2%	44.6%	73.9%	57.0%	42.2%	71.8%
221: Respiratory distress syndrome	--	71.3%	44.6%	98.0%	69.7%	42.8%	96.7%
222: Hemolytic jaundice and perinatal jaundice	--	28.0%	24.4%	31.6%	27.8%	24.2%	31.4%
223: Birth trauma	--	10.9%	6.3%	15.4%	10.9%	6.3%	15.5%
224: Other perinatal conditions	--	14.2%	12.0%	16.5%	14.1%	11.8%	16.4%
225: Joint disorders and dislocations; trauma-related	--	2.1%	1.9%	2.2%	2.0%	1.9%	2.2%
226: Fracture of neck of femur (hip)	*	87.0%	86.1%	87.8%	83.1%	81.5%	84.7%
227: Spinal cord injury	--	73.4%	70.5%	76.3%	70.9%	67.4%	74.5%
228: Skull and face fractures	--	15.1%	13.8%	16.3%	14.8%	13.6%	16.1%
229: Fracture of upper limb	--	6.3%	5.9%	6.7%	6.1%	5.7%	6.5%
230: Fracture of lower limb	--	18.3%	17.4%	19.2%	17.8%	16.9%	18.7%
231: Other fractures	--	33.9%	32.5%	35.2%	33.3%	31.9%	34.7%
232: Sprains and strains	--	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%
233: Intracranial injury	--	24.9%	23.2%	26.7%	24.6%	22.8%	26.4%
234: Crushing injury or internal injury	--	41.9%	39.3%	44.6%	40.5%	37.8%	43.2%
235: Open wounds of head; neck; and trunk	--	1.3%	1.2%	1.4%	1.2%	1.1%	1.4%
236: Open wounds of extremities	--	1.1%	1.0%	1.2%	1.0%	0.9%	1.1%
237: Complication of device; implant or graft	--	57.9%	56.6%	59.2%	55.6%	54.1%	57.2%
238: Complications of surgical procedures or medical care	--	41.8%	40.6%	43.0%	40.8%	39.5%	42.0%
239: Superficial injury; contusion	--	0.7%	0.6%	0.7%	0.7%	0.6%	0.7%
240: Burns	--	4.3%	2.8%	5.9%	4.2%	2.7%	5.7%
241: Poisoning by psychotropic agents	--	44.0%	42.7%	45.3%	42.9%	41.6%	44.3%
242: Poisoning by other medications and drugs	--	29.4%	28.3%	30.5%	28.8%	27.7%	30.0%
243: Poisoning by nonmedicinal substances	--	4.7%	4.4%	5.0%	4.7%	4.4%	5.0%

**Healthcare Cost and Utilization Project (HCUP) Nationwide Emergency Department Sample (NEDS)  
Comparison of the Version 2 NEDS (Released February 2015) to the Original NEDS (Released December 2013)**

	Compar- ison of V2 to Original <sup>a</sup>	ED Admission Rates, Weighted					
		2011 NEDS, Version 2			2011 NEDS (Original)		
		Estimate	Lower CI	Upper CI	Estimate	Lower CI	Upper CI
244: Other injuries and conditions due to external causes	--	2.5%	2.3%	2.6%	2.4%	2.3%	2.6%
245: Syncope	--	18.8%	17.8%	19.8%	18.6%	17.6%	19.6%
246: Fever of unknown origin	--	3.5%	3.2%	3.7%	3.4%	3.2%	3.7%
247: Lymphadenitis	--	6.1%	5.3%	6.9%	6.1%	5.3%	6.9%
248: Gangrene	--	85.6%	83.7%	87.5%	82.9%	80.7%	85.2%
249: Shock	--	40.3%	35.9%	44.7%	38.1%	33.8%	42.3%
250: Nausea and vomiting	--	2.2%	2.0%	2.3%	2.2%	2.0%	2.3%
251: Abdominal pain	--	2.4%	2.3%	2.6%	2.4%	2.3%	2.6%
252: Malaise and fatigue	--	5.0%	4.4%	5.6%	5.0%	4.4%	5.5%
253: Allergic reactions	--	1.3%	1.2%	1.3%	1.3%	1.2%	1.3%
254: Rehabilitation care; fitting of prostheses; and adjustment of devices	--	48.5%	38.7%	58.3%	47.0%	37.4%	56.7%
255: Administrative/social admission	--	0.3%	0.2%	0.4%	0.3%	0.2%	0.3%
256: Medical examination/evaluation	--	0.2%	0.1%	0.3%	0.2%	0.1%	0.3%
257: Other aftercare	--	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%
258: Other screening for suspected conditions (not mental disorders or infectious disease)	--	0.7%	0.5%	0.9%	0.7%	0.5%	0.9%
259: Residual codes; unclassified	--	7.3%	6.3%	8.3%	7.2%	6.2%	8.2%
650: Adjustment disorders	--	20.8%	16.3%	25.2%	20.5%	16.1%	25.0%
651: Anxiety disorders	--	3.1%	2.7%	3.4%	3.0%	2.7%	3.3%
652: Attention-deficit, conduct, and disruptive behavior disorders	--	6.6%	4.3%	8.9%	6.5%	4.2%	8.8%
653: Delirium, dementia, and amnestic and other cognitive disorders	--	36.2%	34.0%	38.3%	35.5%	33.4%	37.6%
654: Developmental disorders	--	4.3%	3.5%	5.2%	4.3%	3.4%	5.1%
655: Disorders usually diagnosed in infancy, childhood, or adolescence	--	12.8%	10.0%	15.5%	12.7%	9.9%	15.4%
656: Impulse control disorders, NEC	--	33.0%	27.1%	38.9%	32.7%	26.9%	38.5%
657: Mood disorders	--	35.8%	32.7%	38.8%	34.9%	31.9%	37.8%
658: Personality disorders	--	17.1%	12.3%	22.0%	16.9%	12.0%	21.7%
659: Schizophrenia and other psychotic disorders	--	41.8%	37.5%	46.1%	41.1%	36.8%	45.4%
660: Alcohol-related disorders	--	18.1%	16.5%	19.7%	17.9%	16.3%	19.4%
661: Substance-related disorders	--	22.7%	20.4%	25.0%	22.3%	20.1%	24.6%

**Healthcare Cost and Utilization Project (HCUP) Nationwide Emergency Department Sample (NEDS)  
Comparison of the Version 2 NEDS (Released February 2015) to the Original NEDS (Released December 2013)**

	Compar- ison of V2 to Original <sup>a</sup>	ED Admission Rates, Weighted					
		2011 NEDS, Version 2			2011 NEDS (Original)		
		Estimate	Lower CI	Upper CI	Estimate	Lower CI	Upper CI
662: Suicide and intentional self-inflicted injury	--	1.0%	0.8%	1.3%	1.0%	0.8%	1.2%
663: Screening and history of mental health and substance abuse codes	--	40.2%	37.7%	42.7%	39.4%	36.9%	41.8%
670: Miscellaneous disorders	--	13.6%	12.4%	14.8%	13.5%	12.3%	14.7%

<sup>a</sup> The 95% confidence intervals for the Version 2 NEDS were compared to the 95% confidence intervals for the original NEDS. If the two confidence intervals were statistically different (i.e., not overlapping), then this difference is indicated by an asterisk (\*). If the two confidence intervals were not statistically different (i.e., overlapped), then this lack of difference is indicated by a double dash (--).

**Healthcare Cost and Utilization Project (HCUP) Nationwide Emergency Department Sample (NEDS)  
Comparison of the Version 2 NEDS (Released February 2015) to the Original NEDS (Released December 2013)**

**Table 3. Comparison of Mortality Rate When the Patient is Treated in the ED and Not Admitted, 2011**

	Compar- ison of V2 to Original <sup>a</sup>	ED Mortality Rate When the Patient is Treated in the ED and Not Admitted, Weighted					
		2011 NEDS, Version 2			2011 NEDS (Original)		
		Estimate	Lower CI	Upper CI	Estimate	Lower CI	Upper CI
Total U.S.	--	0.15%	0.14%	0.16%	0.17%	0.16%	0.18%
Principal Diagnosis CCS							
1: Tuberculosis	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
2: Septicemia (except in labor)	*	0.26%	0.23%	0.29%	0.96%	0.67%	1.25%
3: Bacterial infection; unspecified site	--	0.01%	0.00%	0.03%	0.04%	0.00%	0.08%
4: Mycoses	--	0.00%	0.00%	0.01%	0.01%	0.00%	0.02%
5: HIV infection	--	0.14%	0.06%	0.23%	0.29%	0.14%	0.43%
6: Hepatitis	--	0.06%	0.01%	0.11%	0.14%	0.07%	0.22%
7: Viral infection	--	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%
8: Other infections; including parasitic	--	0.01%	0.00%	0.02%	0.02%	0.00%	0.03%
9: Sexually transmitted infections (not HIV or hepatitis)	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
10: Immunizations and screening for infectious disease	--	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%
11: Cancer of head and neck	--	0.32%	0.08%	0.55%	0.65%	0.19%	1.10%
12: Cancer of esophagus	--	1.24%	0.65%	1.84%	1.43%	0.81%	2.04%
13: Cancer of stomach	--	0.36%	0.12%	0.60%	0.62%	0.30%	0.94%
14: Cancer of colon	--	0.26%	0.13%	0.39%	0.55%	0.33%	0.77%
15: Cancer of rectum and anus	--	0.08%	0.00%	0.20%	0.18%	0.02%	0.35%
16: Cancer of liver and intrahepatic bile duct	--	0.43%	0.18%	0.68%	0.78%	0.44%	1.13%
17: Cancer of pancreas	--	0.51%	0.28%	0.75%	0.91%	0.57%	1.25%
18: Cancer of other GI organs; peritoneum	--	0.18%	0.00%	0.36%	0.39%	0.14%	0.63%
19: Cancer of bronchus; lung	*	0.68%	0.53%	0.83%	1.29%	0.96%	1.62%
20: Cancer; other respiratory and intrathoracic	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
21: Cancer of bone and connective tissue	--	0.32%	0.00%	0.68%	0.41%	0.00%	0.81%
22: Melanomas of skin	--	0.41%	0.00%	1.21%	1.25%	0.04%	2.46%
23: Other non-epithelial cancer of skin	--	0.18%	0.00%	0.52%	0.31%	0.00%	0.91%
24: Cancer of breast	--	0.51%	0.23%	0.79%	0.68%	0.37%	1.00%
25: Cancer of uterus	--	0.43%	0.00%	0.86%	0.83%	0.27%	1.39%
26: Cancer of cervix	--	0.12%	0.00%	0.34%	0.23%	0.00%	0.55%
27: Cancer of ovary	--	0.24%	0.00%	0.49%	0.33%	0.05%	0.60%

**Healthcare Cost and Utilization Project (HCUP) Nationwide Emergency Department Sample (NEDS)  
Comparison of the Version 2 NEDS (Released February 2015) to the Original NEDS (Released December 2013)**

	Comparison of V2 to Original <sup>a</sup>	ED Mortality Rate When the Patient is Treated in the ED and Not Admitted, Weighted					
		2011 NEDS, Version 2			2011 NEDS (Original)		
		Estimate	Lower CI	Upper CI	Estimate	Lower CI	Upper CI
28: Cancer of other female genital organs	--	0.00%	0.00%	0.00%	0.73%	0.00%	1.73%
29: Cancer of prostate	--	0.69%	0.29%	1.09%	0.96%	0.49%	1.42%
30: Cancer of testis	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
31: Cancer of other male genital organs	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
32: Cancer of bladder	--	0.23%	0.03%	0.44%	0.40%	0.14%	0.65%
33: Cancer of kidney and renal pelvis	--	0.27%	0.01%	0.52%	0.37%	0.08%	0.65%
34: Cancer of other urinary organs	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
35: Cancer of brain and nervous system	--	0.19%	0.06%	0.33%	0.29%	0.11%	0.47%
36: Cancer of thyroid	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
37: Hodgkin`s disease	--	0.00%	0.00%	0.00%	0.11%	0.00%	0.34%
38: Non-Hodgkin`s lymphoma	--	0.13%	0.03%	0.23%	0.52%	0.19%	0.86%
39: Leukemias	--	0.19%	0.07%	0.30%	0.57%	0.27%	0.87%
40: Multiple myeloma	--	0.22%	0.02%	0.41%	0.65%	0.28%	1.02%
41: Cancer; other and unspecified primary	--	0.37%	0.00%	0.80%	0.35%	0.00%	0.76%
42: Secondary malignancies	*	0.09%	0.05%	0.13%	0.47%	0.28%	0.66%
43: Malignant neoplasm without specification of site	--	1.25%	0.59%	1.91%	1.69%	0.92%	2.46%
44: Neoplasms of unspecified nature or uncertain behavior	--	0.12%	0.04%	0.20%	0.18%	0.08%	0.27%
45: Maintenance chemotherapy; radiotherapy	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
46: Benign neoplasm of uterus	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
47: Other and unspecified benign neoplasm	--	0.00%	0.00%	0.00%	0.02%	0.00%	0.05%
48: Thyroid disorders	--	0.00%	0.00%	0.00%	0.01%	0.00%	0.03%
49: Diabetes mellitus without complication	--	0.03%	0.00%	0.05%	0.03%	0.00%	0.05%
50: Diabetes mellitus with complications	--	0.03%	0.02%	0.04%	0.04%	0.03%	0.05%
51: Other endocrine disorders	--	0.07%	0.03%	0.10%	0.09%	0.05%	0.13%
52: Nutritional deficiencies	--	0.07%	0.00%	0.19%	0.15%	0.00%	0.33%
53: Disorders of lipid metabolism	--	0.08%	0.00%	0.23%	0.08%	0.00%	0.23%
54: Gout and other crystal arthropathies	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
55: Fluid and electrolyte disorders	--	0.05%	0.04%	0.06%	0.07%	0.06%	0.09%
56: Cystic fibrosis	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
57: Immunity disorders	--	0.00%	0.00%	0.00%	0.23%	0.00%	0.69%
58: Other nutritional; endocrine; and metabolic	--	0.11%	0.06%	0.16%	0.17%	0.11%	0.24%

**Healthcare Cost and Utilization Project (HCUP) Nationwide Emergency Department Sample (NEDS)  
Comparison of the Version 2 NEDS (Released February 2015) to the Original NEDS (Released December 2013)**

	Compar- ison of V2 to Original <sup>a</sup>	ED Mortality Rate When the Patient is Treated in the ED and Not Admitted, Weighted					
		2011 NEDS, Version 2			2011 NEDS (Original)		
		Estimate	Lower CI	Upper CI	Estimate	Lower CI	Upper CI
disorders							
59: Deficiency and other anemia	--	0.03%	0.02%	0.05%	0.05%	0.03%	0.07%
60: Acute posthemorrhagic anemia	--	0.04%	0.00%	0.08%	0.11%	0.04%	0.19%
61: Sickle cell anemia	--	0.00%	0.00%	0.01%	0.01%	0.00%	0.02%
62: Coagulation and hemorrhagic disorders	--	0.02%	0.00%	0.04%	0.04%	0.01%	0.07%
63: Diseases of white blood cells	--	0.03%	0.00%	0.06%	0.08%	0.02%	0.14%
64: Other hematologic conditions	--	0.00%	0.00%	0.00%	0.07%	0.00%	0.22%
76: Meningitis (except that caused by tuberculosis or sexually transmitted disease)	--	0.01%	0.00%	0.03%	0.04%	0.00%	0.10%
77: Encephalitis (except that caused by tuberculosis or sexually transmitted disease)	--	0.00%	0.00%	0.00%	0.24%	0.00%	0.49%
78: Other CNS infection and poliomyelitis	*	0.00%	0.00%	0.00%	0.35%	0.03%	0.67%
79: Parkinson's disease	--	0.03%	0.00%	0.08%	0.03%	0.00%	0.08%
80: Multiple sclerosis	--	0.03%	0.00%	0.08%	0.04%	0.00%	0.10%
81: Other hereditary and degenerative nervous system conditions	--	0.01%	0.00%	0.03%	0.06%	0.01%	0.12%
82: Paralysis	--	0.04%	0.00%	0.11%	0.07%	0.00%	0.16%
83: Epilepsy; convulsions	--	0.03%	0.02%	0.04%	0.04%	0.02%	0.05%
84: Headache; including migraine	--	0.01%	0.00%	0.02%	0.01%	0.00%	0.02%
85: Coma; stupor; and brain damage	--	1.38%	0.95%	1.81%	1.46%	1.03%	1.89%
86: Cataract	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
87: Retinal detachments; defects; vascular occlusion; and retinopathy	--	0.02%	0.00%	0.06%	0.02%	0.00%	0.06%
88: Glaucoma	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
89: Blindness and vision defects	--	0.01%	0.00%	0.02%	0.01%	0.00%	0.02%
90: Inflammation; infection of eye (except that caused by tuberculosis or sexually transmitted disease)	--	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%
91: Other eye disorders	--	0.01%	0.00%	0.01%	0.01%	0.00%	0.01%
92: Otitis media and related conditions	--	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%
93: Conditions associated with dizziness or vertigo	--	0.01%	0.00%	0.02%	0.01%	0.00%	0.02%
94: Other ear and sense organ disorders	--	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%
95: Other nervous system disorders	--	0.01%	0.00%	0.02%	0.02%	0.01%	0.03%



**Healthcare Cost and Utilization Project (HCUP) Nationwide Emergency Department Sample (NEDS)  
Comparison of the Version 2 NEDS (Released February 2015) to the Original NEDS (Released December 2013)**

	Compar- ison of V2 to Original <sup>a</sup>	ED Mortality Rate When the Patient is Treated in the ED and Not Admitted, Weighted					
		2011 NEDS, Version 2			2011 NEDS (Original)		
		Estimate	Lower CI	Upper CI	Estimate	Lower CI	Upper CI
96: Heart valve disorders	--	0.13%	0.04%	0.23%	0.22%	0.10%	0.34%
97: Peri-; endo-; and myocarditis; cardiomyopathy (except that caused by tuberculosis or sexually transmitted disease)	--	0.26%	0.17%	0.35%	0.33%	0.23%	0.43%
98: Essential hypertension	--	0.02%	0.01%	0.03%	0.02%	0.01%	0.03%
99: Hypertension with complications and secondary hypertension	--	0.05%	0.02%	0.07%	0.08%	0.05%	0.11%
100: Acute myocardial infarction	--	0.91%	0.81%	1.00%	1.11%	0.98%	1.23%
101: Coronary atherosclerosis and other heart disease	--	0.16%	0.11%	0.20%	0.17%	0.13%	0.22%
102: Nonspecific chest pain	--	0.02%	0.01%	0.03%	0.02%	0.01%	0.03%
103: Pulmonary heart disease	*	0.23%	0.18%	0.28%	0.39%	0.31%	0.48%
104: Other and ill-defined heart disease	--	2.68%	1.41%	3.94%	2.65%	1.40%	3.89%
105: Conduction disorders	--	0.28%	0.16%	0.40%	0.34%	0.20%	0.48%
106: Cardiac dysrhythmias	--	0.10%	0.08%	0.11%	0.12%	0.10%	0.14%
107: Cardiac arrest and ventricular fibrillation	--	80.36%	78.93%	81.79%	80.16%	78.69%	81.63%
108: Congestive heart failure; nonhypertensive	*	0.14%	0.11%	0.16%	0.25%	0.20%	0.30%
109: Acute cerebrovascular disease	*	0.36%	0.31%	0.41%	0.65%	0.48%	0.82%
110: Occlusion or stenosis of precerebral arteries	--	0.00%	0.00%	0.00%	0.03%	0.00%	0.07%
111: Other and ill-defined cerebrovascular disease	--	0.02%	0.00%	0.06%	0.04%	0.00%	0.09%
112: Transient cerebral ischemia	--	0.00%	0.00%	0.01%	0.01%	0.00%	0.01%
113: Late effects of cerebrovascular disease	--	0.01%	0.00%	0.04%	0.03%	0.00%	0.07%
114: Peripheral and visceral atherosclerosis	*	0.09%	0.05%	0.13%	0.25%	0.15%	0.34%
115: Aortic; peripheral; and visceral artery aneurysms	--	2.76%	2.39%	3.13%	3.06%	2.64%	3.47%
116: Aortic and peripheral arterial embolism or thrombosis	--	0.08%	0.00%	0.17%	0.23%	0.09%	0.37%
117: Other circulatory disease	--	0.18%	0.14%	0.23%	0.21%	0.16%	0.26%
118: Phlebitis; thrombophlebitis and thromboembolism	--	0.01%	0.00%	0.02%	0.03%	0.01%	0.04%
119: Varicose veins of lower extremity	--	0.04%	0.00%	0.11%	0.04%	0.00%	0.10%
120: Hemorrhoids	--	0.01%	0.00%	0.01%	0.01%	0.00%	0.01%
121: Other diseases of veins and lymphatics	--	0.01%	0.00%	0.03%	0.02%	0.00%	0.05%
122: Pneumonia (except that caused by tuberculosis)	*	0.06%	0.05%	0.07%	0.14%	0.11%	0.18%

**Healthcare Cost and Utilization Project (HCUP) Nationwide Emergency Department Sample (NEDS)  
Comparison of the Version 2 NEDS (Released February 2015) to the Original NEDS (Released December 2013)**

	Compar- ison of V2 to Original <sup>a</sup>	ED Mortality Rate When the Patient is Treated in the ED and Not Admitted, Weighted					
		2011 NEDS, Version 2			2011 NEDS (Original)		
		Estimate	Lower CI	Upper CI	Estimate	Lower CI	Upper CI
or sexually transmitted disease)							
123: Influenza	--	0.00%	0.00%	0.01%	0.01%	0.00%	0.01%
124: Acute and chronic tonsillitis	--	0.00%	0.00%	0.01%	0.01%	0.00%	0.01%
125: Acute bronchitis	--	0.01%	0.00%	0.01%	0.01%	0.00%	0.01%
126: Other upper respiratory infections	--	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%
127: Chronic obstructive pulmonary disease and bronchiectasis	--	0.03%	0.02%	0.04%	0.05%	0.03%	0.06%
128: Asthma	--	0.01%	0.00%	0.01%	0.01%	0.00%	0.02%
129: Aspiration pneumonitis; food/vomitus	*	0.17%	0.12%	0.21%	0.66%	0.47%	0.85%
130: Pleurisy; pneumothorax; pulmonary collapse	*	0.04%	0.02%	0.06%	0.10%	0.06%	0.14%
131: Respiratory failure; insufficiency; arrest (adult)	*	2.15%	1.97%	2.33%	2.66%	2.37%	2.95%
132: Lung disease due to external agents	--	0.17%	0.00%	0.33%	0.22%	0.04%	0.40%
133: Other lower respiratory disease	--	0.08%	0.07%	0.10%	0.09%	0.07%	0.10%
134: Other upper respiratory disease	--	0.01%	0.00%	0.03%	0.01%	0.00%	0.03%
135: Intestinal infection	*	0.00%	0.00%	0.01%	0.04%	0.02%	0.05%
136: Disorders of teeth and jaw	--	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%
137: Diseases of mouth; excluding dental	--	0.01%	0.00%	0.01%	0.01%	0.00%	0.02%
138: Esophageal disorders	--	0.01%	0.00%	0.01%	0.01%	0.00%	0.02%
139: Gastroduodenal ulcer (except hemorrhage)	--	0.00%	0.00%	0.01%	0.04%	0.01%	0.08%
140: Gastritis and duodenitis	--	0.01%	0.00%	0.01%	0.01%	0.00%	0.02%
141: Other disorders of stomach and duodenum	--	0.00%	0.00%	0.01%	0.02%	0.01%	0.04%
142: Appendicitis and other appendiceal conditions	--	0.00%	0.00%	0.01%	0.01%	0.00%	0.02%
143: Abdominal hernia	*	0.01%	0.00%	0.02%	0.05%	0.03%	0.07%
144: Regional enteritis and ulcerative colitis	--	0.01%	0.00%	0.02%	0.01%	0.00%	0.02%
145: Intestinal obstruction without hernia	*	0.04%	0.03%	0.06%	0.12%	0.09%	0.16%
146: Diverticulosis and diverticulitis	*	0.01%	0.00%	0.01%	0.03%	0.01%	0.04%
147: Anal and rectal conditions	--	0.00%	0.00%	0.01%	0.02%	0.00%	0.03%
148: Peritonitis and intestinal abscess	--	0.02%	0.00%	0.05%	0.17%	0.04%	0.30%
149: Biliary tract disease	--	0.00%	0.00%	0.01%	0.02%	0.01%	0.03%
151: Other liver diseases	*	0.12%	0.08%	0.16%	0.31%	0.22%	0.40%
152: Pancreatic disorders (not diabetes)	--	0.01%	0.00%	0.02%	0.03%	0.02%	0.05%
153: Gastrointestinal hemorrhage	*	0.17%	0.14%	0.19%	0.22%	0.19%	0.25%

**Healthcare Cost and Utilization Project (HCUP) Nationwide Emergency Department Sample (NEDS)  
Comparison of the Version 2 NEDS (Released February 2015) to the Original NEDS (Released December 2013)**

	Compar- ison of V2 to Original <sup>a</sup>	ED Mortality Rate When the Patient is Treated in the ED and Not Admitted, Weighted					
		2011 NEDS, Version 2			2011 NEDS (Original)		
		Estimate	Lower CI	Upper CI	Estimate	Lower CI	Upper CI
154: Noninfectious gastroenteritis	--	0.00%	0.00%	0.01%	0.01%	0.00%	0.01%
155: Other gastrointestinal disorders	--	0.01%	0.01%	0.02%	0.02%	0.01%	0.03%
156: Nephritis; nephrosis; renal sclerosis	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
157: Acute and unspecified renal failure	*	0.08%	0.06%	0.10%	0.24%	0.17%	0.31%
158: Chronic renal failure	--	0.35%	0.20%	0.49%	0.43%	0.25%	0.61%
159: Urinary tract infections	--	0.01%	0.00%	0.02%	0.01%	0.01%	0.02%
160: Calculus of urinary tract	--	0.01%	0.00%	0.02%	0.01%	0.00%	0.02%
161: Other diseases of kidney and ureters	--	0.02%	0.00%	0.05%	0.02%	0.00%	0.05%
162: Other diseases of bladder and urethra	--	0.05%	0.00%	0.11%	0.05%	0.00%	0.11%
163: Genitourinary symptoms and ill-defined conditions	--	0.01%	0.00%	0.01%	0.01%	0.00%	0.02%
164: Hyperplasia of prostate	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
165: Inflammatory conditions of male genital organs	--	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%
166: Other male genital disorders	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
167: Nonmalignant breast conditions	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%
168: Inflammatory diseases of female pelvic organs	--	0.01%	0.00%	0.02%	0.01%	0.00%	0.02%
169: Endometriosis	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
170: Prolapse of female genital organs	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
171: Menstrual disorders	--	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%
172: Ovarian cyst	--	0.01%	0.00%	0.01%	0.01%	0.00%	0.01%
173: Menopausal disorders	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
174: Female infertility	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
175: Other female genital disorders	--	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%
176: Contraceptive and procreative management	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
177: Spontaneous abortion	--	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%
178: Induced abortion	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
179: Postabortion complications	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
180: Ectopic pregnancy	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
181: Other complications of pregnancy	--	0.01%	0.00%	0.02%	0.01%	0.00%	0.02%
182: Hemorrhage during pregnancy; abruptio placenta; placenta previa	--	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%
183: Hypertension complicating pregnancy;	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

**Healthcare Cost and Utilization Project (HCUP) Nationwide Emergency Department Sample (NEDS)  
Comparison of the Version 2 NEDS (Released February 2015) to the Original NEDS (Released December 2013)**

	Compar- ison of V2 to Original <sup>a</sup>	ED Mortality Rate When the Patient is Treated in the ED and Not Admitted, Weighted					
		2011 NEDS, Version 2			2011 NEDS (Original)		
		Estimate	Lower CI	Upper CI	Estimate	Lower CI	Upper CI
childbirth and the puerperium							
184: Early or threatened labor	--	0.01%	0.00%	0.02%	0.01%	0.00%	0.02%
185: Prolonged pregnancy	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
186: Diabetes or abnormal glucose tolerance complicating pregnancy; childbirth; or the puerperium	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
187: Malposition; malpresentation	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
188: Fetopelvic disproportion; obstruction	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
189: Previous C-section	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
190: Fetal distress and abnormal forces of labor	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
191: Polyhydramnios and other problems of amniotic cavity	--	0.02%	0.00%	0.05%	0.01%	0.00%	0.04%
192: Umbilical cord complication	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
193: OB-related trauma to perineum and vulva	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
194: Forceps delivery	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
195: Other complications of birth; puerperium affecting management of mother	--	0.01%	0.00%	0.02%	0.01%	0.00%	0.02%
196: Normal pregnancy and/or delivery	--	0.01%	0.00%	0.02%	0.01%	0.00%	0.02%
197: Skin and subcutaneous tissue infections	--	0.01%	0.00%	0.01%	0.01%	0.00%	0.02%
198: Other inflammatory condition of skin	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%
199: Chronic ulcer of skin	--	0.00%	0.00%	0.01%	0.04%	0.00%	0.07%
200: Other skin disorders	--	0.01%	0.00%	0.02%	0.01%	0.00%	0.02%
201: Infective arthritis and osteomyelitis (except that caused by tuberculosis or sexually transmitted disease)	--	0.01%	0.00%	0.02%	0.03%	0.00%	0.06%
202: Rheumatoid arthritis and related disease	--	0.00%	0.00%	0.00%	0.01%	0.00%	0.03%
203: Osteoarthritis	--	0.01%	0.00%	0.03%	0.01%	0.00%	0.03%
204: Other non-traumatic joint disorders	--	0.01%	0.00%	0.02%	0.01%	0.00%	0.02%
205: Spondylosis; intervertebral disc disorders; other back problems	--	0.01%	0.00%	0.02%	0.01%	0.00%	0.02%
206: Osteoporosis	--	0.61%	0.00%	1.83%	0.61%	0.00%	1.82%
207: Pathological fracture	--	0.01%	0.00%	0.02%	0.09%	0.03%	0.15%
208: Acquired foot deformities	*	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
209: Other acquired deformities	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

**Healthcare Cost and Utilization Project (HCUP) Nationwide Emergency Department Sample (NEDS)  
Comparison of the Version 2 NEDS (Released February 2015) to the Original NEDS (Released December 2013)**

	Compar- ison of V2 to Original <sup>a</sup>	ED Mortality Rate When the Patient is Treated in the ED and Not Admitted, Weighted					
		2011 NEDS, Version 2			2011 NEDS (Original)		
		Estimate	Lower CI	Upper CI	Estimate	Lower CI	Upper CI
210: Systemic lupus erythematosus and connective tissue disorders	--	0.02%	0.00%	0.05%	0.06%	0.00%	0.13%
211: Other connective tissue disease	--	0.01%	0.00%	0.01%	0.01%	0.00%	0.01%
212: Other bone disease and musculoskeletal deformities	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
213: Cardiac and circulatory congenital anomalies	--	0.48%	0.12%	0.85%	0.58%	0.19%	0.96%
214: Digestive congenital anomalies	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
215: Genitourinary congenital anomalies	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
216: Nervous system congenital anomalies	--	0.25%	0.00%	0.76%	0.44%	0.00%	1.06%
217: Other congenital anomalies	--	0.05%	0.00%	0.13%	0.05%	0.00%	0.12%
218: Liveborn	--	2.14%	1.01%	3.26%	2.03%	0.96%	3.10%
219: Short gestation; low birth weight; and fetal growth retardation	--	5.02%	0.00%	10.96%	5.65%	0.00%	12.06%
220: Intrauterine hypoxia and birth asphyxia	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
221: Respiratory distress syndrome	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
222: Hemolytic jaundice and perinatal jaundice	--	0.04%	0.00%	0.10%	0.04%	0.00%	0.10%
223: Birth trauma	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
224: Other perinatal conditions	--	0.26%	0.21%	0.32%	0.28%	0.22%	0.33%
225: Joint disorders and dislocations; trauma-related	--	0.01%	0.00%	0.02%	0.01%	0.00%	0.02%
226: Fracture of neck of femur (hip)	*	0.02%	0.01%	0.03%	0.11%	0.07%	0.15%
227: Spinal cord injury	--	0.27%	0.07%	0.46%	0.57%	0.10%	1.04%
228: Skull and face fractures	--	0.06%	0.04%	0.08%	0.07%	0.05%	0.09%
229: Fracture of upper limb	--	0.01%	0.00%	0.02%	0.01%	0.00%	0.02%
230: Fracture of lower limb	--	0.01%	0.01%	0.02%	0.02%	0.01%	0.03%
231: Other fractures	--	0.06%	0.04%	0.08%	0.09%	0.06%	0.13%
232: Sprains and strains	--	0.01%	0.00%	0.01%	0.01%	0.00%	0.01%
233: Intracranial injury	--	0.32%	0.27%	0.36%	0.39%	0.31%	0.47%
234: Crushing injury or internal injury	--	0.77%	0.64%	0.90%	0.84%	0.70%	0.97%
235: Open wounds of head; neck; and trunk	--	0.11%	0.08%	0.14%	0.11%	0.08%	0.14%
236: Open wounds of extremities	--	0.01%	0.00%	0.01%	0.01%	0.00%	0.01%
237: Complication of device; implant or graft	*	0.02%	0.01%	0.03%	0.08%	0.04%	0.11%
238: Complications of surgical procedures or medical care	--	0.02%	0.01%	0.03%	0.05%	0.03%	0.06%

**Healthcare Cost and Utilization Project (HCUP) Nationwide Emergency Department Sample (NEDS)  
Comparison of the Version 2 NEDS (Released February 2015) to the Original NEDS (Released December 2013)**

	Compar- ison of V2 to Original <sup>a</sup>	ED Mortality Rate When the Patient is Treated in the ED and Not Admitted, Weighted					
		2011 NEDS, Version 2			2011 NEDS (Original)		
		Estimate	Lower CI	Upper CI	Estimate	Lower CI	Upper CI
239: Superficial injury; contusion	--	0.01%	0.00%	0.02%	0.01%	0.00%	0.02%
240: Burns	--	0.03%	0.02%	0.05%	0.05%	0.01%	0.09%
241: Poisoning by psychotropic agents	--	0.04%	0.02%	0.06%	0.05%	0.02%	0.07%
242: Poisoning by other medications and drugs	--	0.05%	0.03%	0.07%	0.07%	0.05%	0.09%
243: Poisoning by nonmedicinal substances	--	0.04%	0.03%	0.06%	0.05%	0.03%	0.06%
244: Other injuries and conditions due to external causes	--	0.11%	0.09%	0.12%	0.11%	0.10%	0.13%
245: Syncope	--	0.06%	0.04%	0.08%	0.06%	0.04%	0.08%
246: Fever of unknown origin	--	0.01%	0.00%	0.01%	0.01%	0.00%	0.01%
247: Lymphadenitis	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
248: Gangrene	--	0.05%	0.00%	0.11%	0.14%	0.02%	0.27%
249: Shock	--	14.96%	11.96%	17.97%	14.98%	12.04%	17.91%
250: Nausea and vomiting	--	0.01%	0.00%	0.02%	0.01%	0.00%	0.02%
251: Abdominal pain	--	0.01%	0.00%	0.02%	0.01%	0.00%	0.02%
252: Malaise and fatigue	--	0.03%	0.02%	0.04%	0.03%	0.02%	0.04%
253: Allergic reactions	--	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%
254: Rehabilitation care; fitting of prostheses; and adjustment of devices	--	0.04%	0.00%	0.10%	0.04%	0.00%	0.10%
255: Administrative/social admission	--	0.02%	0.00%	0.05%	0.02%	0.00%	0.05%
256: Medical examination/evaluation	--	0.17%	0.00%	0.47%	0.18%	0.00%	0.48%
257: Other aftercare	--	0.01%	0.00%	0.02%	0.01%	0.00%	0.02%
258: Other screening for suspected conditions (not mental disorders or infectious disease)	--	0.03%	0.00%	0.06%	0.03%	0.00%	0.06%
259: Residual codes; unclassified	--	0.74%	0.45%	1.03%	0.74%	0.48%	1.01%
650: Adjustment disorders	--	0.01%	0.00%	0.02%	0.01%	0.00%	0.02%
651: Anxiety disorders	--	0.01%	0.00%	0.01%	0.01%	0.00%	0.01%
652: Attention-deficit, conduct, and disruptive behavior disorders	--	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%
653: Delirium, dementia, and amnestic and other cognitive disorders	--	0.02%	0.01%	0.04%	0.04%	0.02%	0.05%
654: Developmental disorders	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
655: Disorders usually diagnosed in infancy, childhood, or adolescence	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
656: Impulse control disorders, NEC	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

**Healthcare Cost and Utilization Project (HCUP) Nationwide Emergency Department Sample (NEDS)  
Comparison of the Version 2 NEDS (Released February 2015) to the Original NEDS (Released December 2013)**

	Compar- ison of V2 to Original <sup>a</sup>	ED Mortality Rate When the Patient is Treated in the ED and Not Admitted, Weighted					
		2011 NEDS, Version 2			2011 NEDS (Original)		
		Estimate	Lower CI	Upper CI	Estimate	Lower CI	Upper CI
657: Mood disorders	--	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%
658: Personality disorders	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
659: Schizophrenia and other psychotic disorders	--	0.01%	0.00%	0.01%	0.01%	0.00%	0.02%
660: Alcohol-related disorders	--	0.01%	0.00%	0.01%	0.01%	0.00%	0.01%
661: Substance-related disorders	--	0.03%	0.02%	0.04%	0.04%	0.03%	0.05%
662: Suicide and intentional self-inflicted injury	--	0.02%	0.00%	0.06%	0.02%	0.00%	0.06%
663: Screening and history of mental health and substance abuse codes	*	0.02%	0.00%	0.05%	0.12%	0.06%	0.18%
670: Miscellaneous disorders	--	0.01%	0.00%	0.03%	0.01%	0.00%	0.03%

<sup>a</sup> The 95% confidence intervals for the Version 2 NEDS were compared to the 95% confidence intervals for the original NEDS. If the two confidence intervals were statistically different (i.e., not overlapping), then this difference is indicated by an asterisk (\*). If the two confidence intervals were not statistically different (i.e., overlapped), then this lack of difference is indicated by a double dash (--).

**Healthcare Cost and Utilization Project (HCUP) Nationwide Emergency Department Sample (NEDS)  
Comparison of the Version 2 NEDS (Released February 2015) to the Original NEDS (Released December 2013)**

**Table 4. Comparison of Mortality Rate When the Patient Admitted to the Hospital Through the ED, 2011**

	Compar- ison of V2 to Original <sup>a</sup>	ED Mortality Rate When the Patient Admitted to the Hospital Through the ED, Weighted					
		2011 NEDS, Version 2			2011 NEDS (Original)		
		Estimate	Lower CI	Upper CI	Estimate	Lower CI	Upper CI
Total U.S.	--	0.38%	0.37%	0.40%	0.38%	0.36%	0.39%
Principal Diagnosis CCS							
1: Tuberculosis	--	2.72%	1.63%	3.82%	2.65%	1.58%	3.72%
2: Septicemia (except in labor)	--	13.21%	12.79%	13.63%	12.49%	12.01%	12.96%
3: Bacterial infection; unspecified site	--	0.29%	0.18%	0.40%	0.29%	0.18%	0.40%
4: Mycoses	--	0.23%	0.19%	0.26%	0.22%	0.19%	0.26%
5: HIV infection	--	4.54%	3.98%	5.09%	4.40%	3.86%	4.94%
6: Hepatitis	--	2.41%	2.07%	2.75%	2.36%	2.03%	2.69%
7: Viral infection	--	0.01%	0.01%	0.02%	0.01%	0.01%	0.02%
8: Other infections; including parasitic	--	0.05%	0.03%	0.07%	0.05%	0.03%	0.07%
9: Sexually transmitted infections (not HIV or hepatitis)	--	0.04%	-0.01%	0.08%	0.04%	-0.01%	0.08%
10: Immunizations and screening for infectious disease	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
11: Cancer of head and neck	--	4.56%	3.53%	5.60%	4.42%	3.44%	5.40%
12: Cancer of esophagus	--	9.29%	7.73%	10.85%	9.06%	7.53%	10.60%
13: Cancer of stomach	--	7.33%	6.21%	8.45%	7.13%	6.04%	8.23%
14: Cancer of colon	--	5.64%	5.09%	6.18%	5.44%	4.92%	5.96%
15: Cancer of rectum and anus	--	3.92%	3.14%	4.70%	3.77%	3.01%	4.52%
16: Cancer of liver and intrahepatic bile duct	--	10.09%	8.82%	11.37%	9.82%	8.57%	11.07%
17: Cancer of pancreas	--	7.43%	6.58%	8.27%	7.14%	6.33%	7.96%
18: Cancer of other GI organs; peritoneum	--	5.90%	4.77%	7.03%	5.67%	4.57%	6.76%
19: Cancer of bronchus; lung	--	9.63%	9.07%	10.20%	9.26%	8.74%	9.77%
20: Cancer; other respiratory and intrathoracic	--	3.39%	0.51%	6.27%	3.35%	0.50%	6.19%
21: Cancer of bone and connective tissue	--	4.42%	2.86%	5.97%	4.28%	2.77%	5.80%
22: Melanomas of skin	--	8.24%	4.81%	11.68%	8.01%	4.68%	11.34%
23: Other non-epithelial cancer of skin	--	1.34%	0.35%	2.34%	1.32%	0.34%	2.30%
24: Cancer of breast	--	6.13%	5.08%	7.18%	5.96%	4.93%	6.99%
25: Cancer of uterus	--	7.01%	5.39%	8.63%	6.82%	5.23%	8.40%
26: Cancer of cervix	--	3.51%	2.10%	4.93%	3.43%	2.04%	4.82%
27: Cancer of ovary	--	5.67%	4.55%	6.79%	5.50%	4.40%	6.60%



**Healthcare Cost and Utilization Project (HCUP) Nationwide Emergency Department Sample (NEDS)  
Comparison of the Version 2 NEDS (Released February 2015) to the Original NEDS (Released December 2013)**

	Compar- ison of V2 to Original <sup>a</sup>	ED Mortality Rate When the Patient Admitted to the Hospital Through the ED, Weighted					
		2011 NEDS, Version 2			2011 NEDS (Original)		
		Estimate	Lower CI	Upper CI	Estimate	Lower CI	Upper CI
28: Cancer of other female genital organs	--	5.33%	2.40%	8.27%	5.10%	2.29%	7.91%
29: Cancer of prostate	--	3.42%	2.62%	4.22%	3.32%	2.54%	4.10%
30: Cancer of testis	--	1.81%	-0.21%	3.82%	1.82%	-0.21%	3.84%
31: Cancer of other male genital organs	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
32: Cancer of bladder	--	3.28%	2.59%	3.96%	3.17%	2.51%	3.83%
33: Cancer of kidney and renal pelvis	--	3.78%	2.81%	4.74%	3.69%	2.74%	4.63%
34: Cancer of other urinary organs	--	3.03%	-0.39%	6.45%	3.01%	-0.39%	6.41%
35: Cancer of brain and nervous system	--	2.96%	2.37%	3.55%	2.83%	2.25%	3.41%
36: Cancer of thyroid	--	5.70%	2.63%	8.78%	5.61%	2.58%	8.63%
37: Hodgkin`s disease	--	3.81%	2.16%	5.46%	3.74%	2.12%	5.36%
38: Non-Hodgkin`s lymphoma	--	7.70%	6.86%	8.54%	7.42%	6.61%	8.22%
39: Leukemias	--	8.52%	7.48%	9.56%	8.23%	7.22%	9.25%
40: Multiple myeloma	--	6.96%	5.79%	8.13%	6.65%	5.53%	7.78%
41: Cancer; other and unspecified primary	--	4.83%	3.19%	6.48%	4.75%	3.14%	6.37%
42: Secondary malignancies	--	8.09%	7.66%	8.51%	7.75%	7.31%	8.20%
43: Malignant neoplasm without specification of site	--	8.04%	6.50%	9.59%	7.78%	6.28%	9.29%
44: Neoplasms of unspecified nature or uncertain behavior	--	1.75%	1.44%	2.06%	1.71%	1.40%	2.01%
45: Maintenance chemotherapy; radiotherapy	--	0.97%	0.24%	1.71%	0.96%	0.23%	1.68%
46: Benign neoplasm of uterus	--	0.01%	-0.01%	0.03%	0.01%	-0.01%	0.03%
47: Other and unspecified benign neoplasm	--	0.35%	0.24%	0.46%	0.34%	0.23%	0.45%
48: Thyroid disorders	--	0.23%	0.13%	0.32%	0.22%	0.13%	0.31%
49: Diabetes mellitus without complication	--	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%
50: Diabetes mellitus with complications	--	0.30%	0.27%	0.32%	0.29%	0.26%	0.31%
51: Other endocrine disorders	--	0.47%	0.37%	0.57%	0.46%	0.37%	0.56%
52: Nutritional deficiencies	--	3.20%	2.39%	4.01%	3.11%	2.32%	3.90%
53: Disorders of lipid metabolism	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
54: Gout and other crystal arthropathies	--	0.01%	0.00%	0.02%	0.01%	0.00%	0.02%
55: Fluid and electrolyte disorders	--	0.49%	0.45%	0.53%	0.48%	0.44%	0.52%
56: Cystic fibrosis	--	0.69%	0.12%	1.27%	0.67%	0.11%	1.23%
57: Immunity disorders	--	1.06%	0.01%	2.10%	1.00%	0.01%	1.99%
58: Other nutritional; endocrine; and metabolic	--	1.21%	1.03%	1.38%	1.18%	1.01%	1.35%

**Healthcare Cost and Utilization Project (HCUP) Nationwide Emergency Department Sample (NEDS)  
Comparison of the Version 2 NEDS (Released February 2015) to the Original NEDS (Released December 2013)**

	Compar- ison of V2 to Original <sup>a</sup>	ED Mortality Rate When the Patient Admitted to the Hospital Through the ED, Weighted					
		2011 NEDS, Version 2			2011 NEDS (Original)		
		Estimate	Lower CI	Upper CI	Estimate	Lower CI	Upper CI
disorders							
59: Deficiency and other anemia	--	0.58%	0.51%	0.64%	0.56%	0.50%	0.63%
60: Acute posthemorrhagic anemia	--	0.99%	0.76%	1.21%	0.93%	0.72%	1.15%
61: Sickle cell anemia	--	0.10%	0.07%	0.13%	0.10%	0.07%	0.13%
62: Coagulation and hemorrhagic disorders	--	0.76%	0.60%	0.92%	0.74%	0.58%	0.90%
63: Diseases of white blood cells	--	1.13%	0.94%	1.32%	1.10%	0.91%	1.28%
64: Other hematologic conditions	--	1.60%	0.80%	2.40%	1.53%	0.76%	2.30%
76: Meningitis (except that caused by tuberculosis or sexually transmitted disease)	--	0.61%	0.43%	0.78%	0.57%	0.41%	0.73%
77: Encephalitis (except that caused by tuberculosis or sexually transmitted disease)	--	3.26%	2.44%	4.09%	3.13%	2.34%	3.91%
78: Other CNS infection and poliomyelitis	--	2.15%	1.38%	2.91%	2.04%	1.32%	2.75%
79: Parkinson's disease	--	0.26%	0.08%	0.43%	0.25%	0.08%	0.43%
80: Multiple sclerosis	--	0.08%	0.01%	0.14%	0.07%	0.01%	0.13%
81: Other hereditary and degenerative nervous system conditions	--	0.49%	0.36%	0.62%	0.48%	0.35%	0.61%
82: Paralysis	--	0.08%	-0.03%	0.19%	0.07%	-0.03%	0.18%
83: Epilepsy; convulsions	--	0.12%	0.11%	0.14%	0.12%	0.11%	0.14%
84: Headache; including migraine	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
85: Coma; stupor; and brain damage	--	1.94%	1.68%	2.20%	1.89%	1.64%	2.15%
86: Cataract	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
87: Retinal detachments; defects; vascular occlusion; and retinopathy	--	0.06%	-0.03%	0.16%	0.06%	-0.03%	0.16%
88: Glaucoma	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
89: Blindness and vision defects	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
90: Inflammation; infection of eye (except that caused by tuberculosis or sexually transmitted disease)	--	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%
91: Other eye disorders	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
92: Otitis media and related conditions	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
93: Conditions associated with dizziness or vertigo	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
94: Other ear and sense organ disorders	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
95: Other nervous system disorders	--	0.17%	0.15%	0.19%	0.17%	0.15%	0.19%

**Healthcare Cost and Utilization Project (HCUP) Nationwide Emergency Department Sample (NEDS)  
Comparison of the Version 2 NEDS (Released February 2015) to the Original NEDS (Released December 2013)**

	Compar- ison of V2 to Original <sup>a</sup>	ED Mortality Rate When the Patient Admitted to the Hospital Through the ED, Weighted					
		2011 NEDS, Version 2			2011 NEDS (Original)		
		Estimate	Lower CI	Upper CI	Estimate	Lower CI	Upper CI
96: Heart valve disorders	--	2.89%	2.48%	3.29%	2.79%	2.39%	3.20%
97: Peri-; endo-; and myocarditis; cardiomyopathy (except that caused by tuberculosis or sexually transmitted disease)	--	1.81%	1.58%	2.05%	1.76%	1.52%	1.99%
98: Essential hypertension	--	0.01%	0.00%	0.01%	0.01%	0.00%	0.01%
99: Hypertension with complications and secondary hypertension	--	0.89%	0.80%	0.98%	0.86%	0.77%	0.95%
100: Acute myocardial infarction	--	4.48%	4.30%	4.65%	4.29%	4.12%	4.47%
101: Coronary atherosclerosis and other heart disease	--	0.30%	0.26%	0.34%	0.29%	0.26%	0.32%
102: Nonspecific chest pain	--	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
103: Pulmonary heart disease	--	2.74%	2.57%	2.92%	2.61%	2.44%	2.78%
104: Other and ill-defined heart disease	--	0.91%	0.53%	1.29%	0.89%	0.51%	1.26%
105: Conduction disorders	--	1.43%	1.20%	1.66%	1.39%	1.16%	1.61%
106: Cardiac dysrhythmias	--	0.41%	0.38%	0.43%	0.40%	0.37%	0.42%
107: Cardiac arrest and ventricular fibrillation	--	4.59%	4.24%	4.94%	4.48%	4.14%	4.82%
108: Congestive heart failure; nonhypertensive	--	2.34%	2.24%	2.44%	2.25%	2.15%	2.34%
109: Acute cerebrovascular disease	--	5.91%	5.62%	6.21%	5.66%	5.37%	5.95%
110: Occlusion or stenosis of precerebral arteries	--	0.27%	0.13%	0.42%	0.26%	0.12%	0.40%
111: Other and ill-defined cerebrovascular disease	--	0.20%	0.07%	0.32%	0.19%	0.07%	0.31%
112: Transient cerebral ischemia	--	0.06%	0.04%	0.08%	0.06%	0.04%	0.08%
113: Late effects of cerebrovascular disease	--	0.59%	0.37%	0.82%	0.58%	0.36%	0.80%
114: Peripheral and visceral atherosclerosis	--	3.70%	3.44%	3.95%	3.57%	3.32%	3.82%
115: Aortic; peripheral; and visceral artery aneurysms	--	8.15%	7.46%	8.84%	7.95%	7.27%	8.64%
116: Aortic and peripheral arterial embolism or thrombosis	--	3.83%	3.29%	4.38%	3.70%	3.16%	4.23%
117: Other circulatory disease	--	0.51%	0.44%	0.58%	0.50%	0.43%	0.57%
118: Phlebitis; thrombophlebitis and thromboembolism	--	0.36%	0.31%	0.41%	0.35%	0.30%	0.40%
119: Varicose veins of lower extremity	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
120: Hemorrhoids	--	0.06%	0.03%	0.08%	0.06%	0.03%	0.08%
121: Other diseases of veins and lymphatics	--	0.39%	0.28%	0.50%	0.39%	0.27%	0.50%
122: Pneumonia (except that caused by tuberculosis)	--	1.55%	1.47%	1.63%	1.51%	1.43%	1.59%

**Healthcare Cost and Utilization Project (HCUP) Nationwide Emergency Department Sample (NEDS)  
Comparison of the Version 2 NEDS (Released February 2015) to the Original NEDS (Released December 2013)**

	Compar- ison of V2 to Original <sup>a</sup>	ED Mortality Rate When the Patient Admitted to the Hospital Through the ED, Weighted					
		2011 NEDS, Version 2			2011 NEDS (Original)		
		Estimate	Lower CI	Upper CI	Estimate	Lower CI	Upper CI
or sexually transmitted disease)							
123: Influenza	--	0.13%	0.10%	0.16%	0.13%	0.10%	0.16%
124: Acute and chronic tonsillitis	--	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%
125: Acute bronchitis	--	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
126: Other upper respiratory infections	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
127: Chronic obstructive pulmonary disease and bronchiectasis	--	0.37%	0.35%	0.40%	0.36%	0.34%	0.39%
128: Asthma	--	0.05%	0.05%	0.06%	0.05%	0.05%	0.06%
129: Aspiration pneumonitis; food/vomitus	--	8.93%	8.54%	9.32%	8.48%	8.08%	8.87%
130: Pleurisy; pneumothorax; pulmonary collapse	--	1.09%	0.98%	1.19%	1.06%	0.96%	1.16%
131: Respiratory failure; insufficiency; arrest (adult)	--	11.12%	10.63%	11.62%	10.54%	10.04%	11.03%
132: Lung disease due to external agents	--	1.58%	1.11%	2.04%	1.54%	1.08%	1.99%
133: Other lower respiratory disease	--	0.11%	0.10%	0.13%	0.11%	0.10%	0.13%
134: Other upper respiratory disease	--	0.02%	0.02%	0.03%	0.02%	0.02%	0.03%
135: Intestinal infection	--	0.65%	0.57%	0.73%	0.64%	0.56%	0.71%
136: Disorders of teeth and jaw	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
137: Diseases of mouth; excluding dental	--	0.05%	0.03%	0.08%	0.05%	0.03%	0.08%
138: Esophageal disorders	--	0.14%	0.11%	0.17%	0.14%	0.11%	0.16%
139: Gastroduodenal ulcer (except hemorrhage)	--	1.22%	1.03%	1.41%	1.19%	1.00%	1.38%
140: Gastritis and duodenitis	--	0.06%	0.05%	0.08%	0.06%	0.05%	0.08%
141: Other disorders of stomach and duodenum	--	0.36%	0.26%	0.45%	0.35%	0.25%	0.44%
142: Appendicitis and other appendiceal conditions	--	0.07%	0.05%	0.09%	0.07%	0.05%	0.09%
143: Abdominal hernia	--	0.55%	0.47%	0.62%	0.53%	0.46%	0.61%
144: Regional enteritis and ulcerative colitis	--	0.26%	0.20%	0.32%	0.25%	0.19%	0.31%
145: Intestinal obstruction without hernia	--	1.54%	1.44%	1.64%	1.48%	1.38%	1.58%
146: Diverticulosis and diverticulitis	--	0.40%	0.36%	0.44%	0.39%	0.35%	0.43%
147: Anal and rectal conditions	--	0.08%	0.05%	0.10%	0.07%	0.05%	0.10%
148: Peritonitis and intestinal abscess	--	3.20%	2.72%	3.67%	3.08%	2.62%	3.54%
149: Biliary tract disease	--	0.25%	0.22%	0.28%	0.24%	0.22%	0.27%
151: Other liver diseases	--	3.29%	3.08%	3.51%	3.18%	2.97%	3.39%
152: Pancreatic disorders (not diabetes)	--	0.52%	0.47%	0.57%	0.50%	0.45%	0.55%
153: Gastrointestinal hemorrhage	--	1.25%	1.17%	1.32%	1.21%	1.14%	1.28%

**Healthcare Cost and Utilization Project (HCUP) Nationwide Emergency Department Sample (NEDS)  
Comparison of the Version 2 NEDS (Released February 2015) to the Original NEDS (Released December 2013)**

	Compar- ison of V2 to Original <sup>a</sup>	ED Mortality Rate When the Patient Admitted to the Hospital Through the ED, Weighted					
		2011 NEDS, Version 2			2011 NEDS (Original)		
		Estimate	Lower CI	Upper CI	Estimate	Lower CI	Upper CI
154: Noninfectious gastroenteritis	--	0.03%	0.02%	0.04%	0.03%	0.02%	0.04%
155: Other gastrointestinal disorders	--	0.14%	0.12%	0.15%	0.14%	0.12%	0.15%
156: Nephritis; nephrosis; renal sclerosis	--	0.54%	0.21%	0.87%	0.53%	0.20%	0.85%
157: Acute and unspecified renal failure	--	3.05%	2.90%	3.20%	2.89%	2.74%	3.05%
158: Chronic renal failure	--	0.62%	0.40%	0.84%	0.61%	0.39%	0.82%
159: Urinary tract infections	--	0.11%	0.10%	0.12%	0.11%	0.10%	0.12%
160: Calculus of urinary tract	--	0.01%	0.00%	0.01%	0.01%	0.00%	0.01%
161: Other diseases of kidney and ureters	--	0.18%	0.10%	0.25%	0.18%	0.10%	0.25%
162: Other diseases of bladder and urethra	--	0.30%	0.14%	0.46%	0.29%	0.14%	0.44%
163: Genitourinary symptoms and ill-defined conditions	--	0.03%	0.02%	0.03%	0.03%	0.02%	0.03%
164: Hyperplasia of prostate	--	0.13%	0.05%	0.20%	0.13%	0.05%	0.20%
165: Inflammatory conditions of male genital organs	--	0.03%	0.01%	0.04%	0.03%	0.01%	0.04%
166: Other male genital disorders	--	0.02%	0.00%	0.03%	0.02%	0.00%	0.03%
167: Nonmalignant breast conditions	--	0.01%	0.00%	0.02%	0.01%	0.00%	0.02%
168: Inflammatory diseases of female pelvic organs	--	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%
169: Endometriosis	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
170: Prolapse of female genital organs	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
171: Menstrual disorders	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
172: Ovarian cyst	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
173: Menopausal disorders	--	0.03%	-0.03%	0.10%	0.03%	-0.03%	0.10%
174: Female infertility	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
175: Other female genital disorders	--	0.01%	0.00%	0.02%	0.01%	0.00%	0.02%
176: Contraceptive and procreative management	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
177: Spontaneous abortion	--	0.01%	0.00%	0.02%	0.01%	0.00%	0.02%
178: Induced abortion	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
179: Postabortion complications	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
180: Ectopic pregnancy	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
181: Other complications of pregnancy	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
182: Hemorrhage during pregnancy; abruptio placenta; placenta previa	--	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%
183: Hypertension complicating pregnancy;	--	0.03%	-0.01%	0.07%	0.03%	-0.01%	0.07%

**Healthcare Cost and Utilization Project (HCUP) Nationwide Emergency Department Sample (NEDS)  
Comparison of the Version 2 NEDS (Released February 2015) to the Original NEDS (Released December 2013)**

	Compar- ison of V2 to Original <sup>a</sup>	ED Mortality Rate When the Patient Admitted to the Hospital Through the ED, Weighted					
		2011 NEDS, Version 2			2011 NEDS (Original)		
		Estimate	Lower CI	Upper CI	Estimate	Lower CI	Upper CI
childbirth and the puerperium							
184: Early or threatened labor	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
185: Prolonged pregnancy	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
186: Diabetes or abnormal glucose tolerance complicating pregnancy; childbirth; or the puerperium	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
187: Malposition; malpresentation	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
188: Fetopelvic disproportion; obstruction	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
189: Previous C-section	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
190: Fetal distress and abnormal forces of labor	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
191: Polyhydramnios and other problems of amniotic cavity	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
192: Umbilical cord complication	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
193: OB-related trauma to perineum and vulva	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
194: Forceps delivery	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
195: Other complications of birth; puerperium affecting management of mother	--	0.03%	0.01%	0.04%	0.03%	0.01%	0.04%
196: Normal pregnancy and/or delivery	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
197: Skin and subcutaneous tissue infections	--	0.04%	0.04%	0.05%	0.04%	0.04%	0.05%
198: Other inflammatory condition of skin	--	0.06%	0.03%	0.09%	0.06%	0.03%	0.09%
199: Chronic ulcer of skin	--	0.63%	0.50%	0.76%	0.62%	0.49%	0.75%
200: Other skin disorders	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
201: Infective arthritis and osteomyelitis (except that caused by tuberculosis or sexually transmitted disease)	--	0.66%	0.51%	0.80%	0.64%	0.50%	0.78%
202: Rheumatoid arthritis and related disease	--	0.16%	0.07%	0.25%	0.15%	0.06%	0.24%
203: Osteoarthritis	--	0.03%	0.01%	0.05%	0.03%	0.01%	0.05%
204: Other non-traumatic joint disorders	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
205: Spondylosis; intervertebral disc disorders; other back problems	--	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
206: Osteoporosis	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
207: Pathological fracture	--	1.39%	1.17%	1.61%	1.34%	1.13%	1.55%
208: Acquired foot deformities	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
209: Other acquired deformities	--	0.07%	-0.01%	0.14%	0.07%	-0.01%	0.14%

**Healthcare Cost and Utilization Project (HCUP) Nationwide Emergency Department Sample (NEDS)  
Comparison of the Version 2 NEDS (Released February 2015) to the Original NEDS (Released December 2013)**

	Compar- ison of V2 to Original <sup>a</sup>	ED Mortality Rate When the Patient Admitted to the Hospital Through the ED, Weighted					
		2011 NEDS, Version 2			2011 NEDS (Original)		
		Estimate	Lower CI	Upper CI	Estimate	Lower CI	Upper CI
210: Systemic lupus erythematosus and connective tissue disorders	--	0.65%	0.43%	0.88%	0.64%	0.42%	0.85%
211: Other connective tissue disease	--	0.03%	0.02%	0.03%	0.03%	0.02%	0.03%
212: Other bone disease and musculoskeletal deformities	--	0.02%	0.01%	0.03%	0.02%	0.01%	0.03%
213: Cardiac and circulatory congenital anomalies	--	1.17%	0.68%	1.66%	1.13%	0.66%	1.60%
214: Digestive congenital anomalies	--	0.10%	-0.01%	0.22%	0.09%	-0.01%	0.20%
215: Genitourinary congenital anomalies	--	0.05%	-0.05%	0.15%	0.05%	-0.05%	0.15%
216: Nervous system congenital anomalies	--	0.84%	0.01%	1.67%	0.81%	0.01%	1.60%
217: Other congenital anomalies	--	0.03%	-0.03%	0.09%	0.03%	-0.03%	0.09%
218: Liveborn	--	1.82%	0.83%	2.80%	1.78%	0.81%	2.74%
219: Short gestation; low birth weight; and fetal growth retardation	--	4.45%	1.20%	7.70%	4.26%	0.94%	7.58%
220: Intrauterine hypoxia and birth asphyxia	--	8.50%	1.62%	15.38%	8.13%	1.40%	14.86%
221: Respiratory distress syndrome	--	1.92%	-0.05%	3.89%	1.91%	-0.16%	3.98%
222: Hemolytic jaundice and perinatal jaundice	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
223: Birth trauma	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
224: Other perinatal conditions	--	0.04%	0.01%	0.07%	0.04%	0.01%	0.07%
225: Joint disorders and dislocations; trauma-related	--	0.01%	0.01%	0.02%	0.01%	0.01%	0.02%
226: Fracture of neck of femur (hip)	--	1.97%	1.85%	2.09%	1.88%	1.76%	2.01%
227: Spinal cord injury	--	4.44%	3.65%	5.23%	4.27%	3.54%	5.01%
228: Skull and face fractures	--	0.08%	0.05%	0.11%	0.08%	0.05%	0.11%
229: Fracture of upper limb	--	0.03%	0.03%	0.04%	0.03%	0.02%	0.04%
230: Fracture of lower limb	--	0.13%	0.11%	0.14%	0.12%	0.11%	0.14%
231: Other fractures	--	0.49%	0.43%	0.54%	0.48%	0.42%	0.53%
232: Sprains and strains	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
233: Intracranial injury	--	2.00%	1.79%	2.21%	1.97%	1.76%	2.18%
234: Crushing injury or internal injury	--	1.39%	1.19%	1.59%	1.35%	1.15%	1.54%
235: Open wounds of head; neck; and trunk	--	0.01%	0.00%	0.01%	0.01%	0.00%	0.01%
236: Open wounds of extremities	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
237: Complication of device; implant or graft	--	1.21%	1.13%	1.29%	1.16%	1.08%	1.24%
238: Complications of surgical procedures or medical care	--	0.47%	0.43%	0.51%	0.46%	0.42%	0.50%

**Healthcare Cost and Utilization Project (HCUP) Nationwide Emergency Department Sample (NEDS)  
Comparison of the Version 2 NEDS (Released February 2015) to the Original NEDS (Released December 2013)**

	Compar- ison of V2 to Original <sup>a</sup>	ED Mortality Rate When the Patient Admitted to the Hospital Through the ED, Weighted					
		2011 NEDS, Version 2			2011 NEDS (Original)		
		Estimate	Lower CI	Upper CI	Estimate	Lower CI	Upper CI
239: Superficial injury; contusion	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
240: Burns	--	0.12%	0.04%	0.19%	0.11%	0.04%	0.19%
241: Poisoning by psychotropic agents	--	0.33%	0.27%	0.38%	0.32%	0.26%	0.37%
242: Poisoning by other medications and drugs	--	0.34%	0.31%	0.38%	0.34%	0.30%	0.37%
243: Poisoning by nonmedicinal substances	--	0.07%	0.05%	0.09%	0.07%	0.05%	0.09%
244: Other injuries and conditions due to external causes	--	0.06%	0.05%	0.06%	0.06%	0.05%	0.06%
245: Syncope	--	0.04%	0.04%	0.05%	0.04%	0.04%	0.05%
246: Fever of unknown origin	--	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
247: Lymphadenitis	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
248: Gangrene	--	3.35%	2.73%	3.97%	3.24%	2.64%	3.84%
249: Shock	--	8.88%	6.71%	11.05%	8.42%	6.38%	10.47%
250: Nausea and vomiting	--	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
251: Abdominal pain	--	0.01%	0.01%	0.01%	0.01%	0.01%	0.01%
252: Malaise and fatigue	--	0.03%	0.02%	0.04%	0.03%	0.02%	0.04%
253: Allergic reactions	--	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%
254: Rehabilitation care; fitting of prostheses; and adjustment of devices	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
255: Administrative/social admission	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
256: Medical examination/evaluation	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
257: Other aftercare	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
258: Other screening for suspected conditions (not mental disorders or infectious disease)	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
259: Residual codes; unclassified	--	0.06%	0.05%	0.07%	0.06%	0.04%	0.07%
650: Adjustment disorders	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
651: Anxiety disorders	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
652: Attention-deficit, conduct, and disruptive behavior disorders	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
653: Delirium, dementia, and amnestic and other cognitive disorders	--	0.31%	0.24%	0.38%	0.30%	0.23%	0.37%
654: Developmental disorders	--	0.03%	-0.01%	0.06%	0.03%	-0.01%	0.06%
655: Disorders usually diagnosed in infancy, childhood, or adolescence	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
656: Impulse control disorders, NEC	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%



**Healthcare Cost and Utilization Project (HCUP) Nationwide Emergency Department Sample (NEDS)  
Comparison of the Version 2 NEDS (Released February 2015) to the Original NEDS (Released December 2013)**

	Compar- ison of V2 to Original <sup>a</sup>	ED Mortality Rate When the Patient Admitted to the Hospital Through the ED, Weighted					
		2011 NEDS, Version 2			2011 NEDS (Original)		
		Estimate	Lower CI	Upper CI	Estimate	Lower CI	Upper CI
657: Mood disorders	--	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%
658: Personality disorders	--	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
659: Schizophrenia and other psychotic disorders	--	0.02%	0.01%	0.02%	0.02%	0.01%	0.02%
660: Alcohol-related disorders	--	0.04%	0.03%	0.05%	0.04%	0.03%	0.05%
661: Substance-related disorders	--	0.17%	0.14%	0.20%	0.17%	0.14%	0.19%
662: Suicide and intentional self-inflicted injury	--	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%
663: Screening and history of mental health and substance abuse codes	--	1.71%	1.51%	1.92%	1.68%	1.48%	1.88%
670: Miscellaneous disorders	--	0.01%	0.00%	0.03%	0.01%	0.00%	0.03%

<sup>a</sup> The 95% confidence intervals for the Version 2 NEDS were compared to the 95% confidence intervals for the original NEDS. If the two confidence intervals were statistically different (i.e., not overlapping), then this difference is indicated by an asterisk (\*). If the two confidence intervals were not statistically different (i.e., overlapped), then this lack of difference is indicated by a double dash (--).