



H·CUP

HEALTHCARE COST AND UTILIZATION PROJECT

HCUP Methods Series



Agency for Healthcare
Research and Quality



U.S. Department of Health and Human Services
Agency for Healthcare Research and Quality

Contact Information:
Healthcare Cost and Utilization Project (HCUP)
Agency for Healthcare Research and Quality
540 Gaither Road
Rockville, MD 20850
<http://www.hcup-us.ahrq.gov>

For Technical Assistance with HCUP Products:

Email: hcup@ahrq.gov

or

Phone: 1-866-290-HCUP

Recommended Citation: Houchens R, Elixhauser A. *2012 National Inpatient Sample (NIS) Comparison Report*. 2015. HCUP Methods Series Report # 2015-04 ONLINE. April 19, 2016. U.S. Agency for Healthcare Research and Quality. Available: <http://www.hcup-us.ahrq.gov/reports/methods/methods.jsp>.

ABSTRACT

This report presents national estimates of discharges from the 2012 HCUP National Inpatient Sample (NIS) for records with a primary expected payer of Medicare compared to data from the Fiscal Year 2012 100% Medicare Provider Analysis and Review (MedPAR) inpatient file from the Centers for Medicare & Medicaid Services (CMS). The sampling frame for the NIS includes all U.S. short-term, acute care general and specialty hospitals, excluding long term care, rehabilitation, psychiatric and substance abuse facilities while MedPAR data include Medicare discharges from all of these types of facilities.

On average, CMS numbers of discharges are about 5 percent higher than NIS estimates. Among frequent conditions (more than 30,000 discharges in the NIS), only eight MS-DRGs, all of which are often treated in facilities excluded from the NIS, exhibit more than a 10 percent difference from MedPAR counts: MS-DRG 945-rehabilitation (35.1 percent lower in the NIS), 207-respiratory diagnoses with ventilator support 96+ hours (32.5 percent lower), 885-psychoses (30.6 percent lower), 897-alcohol/drug abuse (28.0 percent lower), 946-rehabilitation (25.1 percent lower), 57-degenerative nervous system disorders (12.2 percent lower), 884-organic psychiatric disturbances (10.7 percent lower), and 473-cervical spinal fusion (10.5 percent lower).

For many common conditions, the NIS estimates and the CMS counts are remarkably similar. For the second most common DRG, 871-septicemia, the NIS estimates 1.5 percent more discharges than the CMS count. For 392-esophagitis, ranked 4th, the NIS estimates 2.9 percent fewer discharges. For 292-heart failure with complications and comorbidities (ranked 5th) and 690-kidney & urinary infections (ranked 6th), the NIS estimates 1.7 percent fewer discharges. For 194-pneumonia (ranked 7th) and 291-heart failure with major complications and comorbidities (ranked 8th), the NIS estimate and the CMS count differed by less than 1 percent.

The 2012 NIS appears to provide reliable national estimates of Medicare discharge counts when compared with MedPAR data.

INTRODUCTION

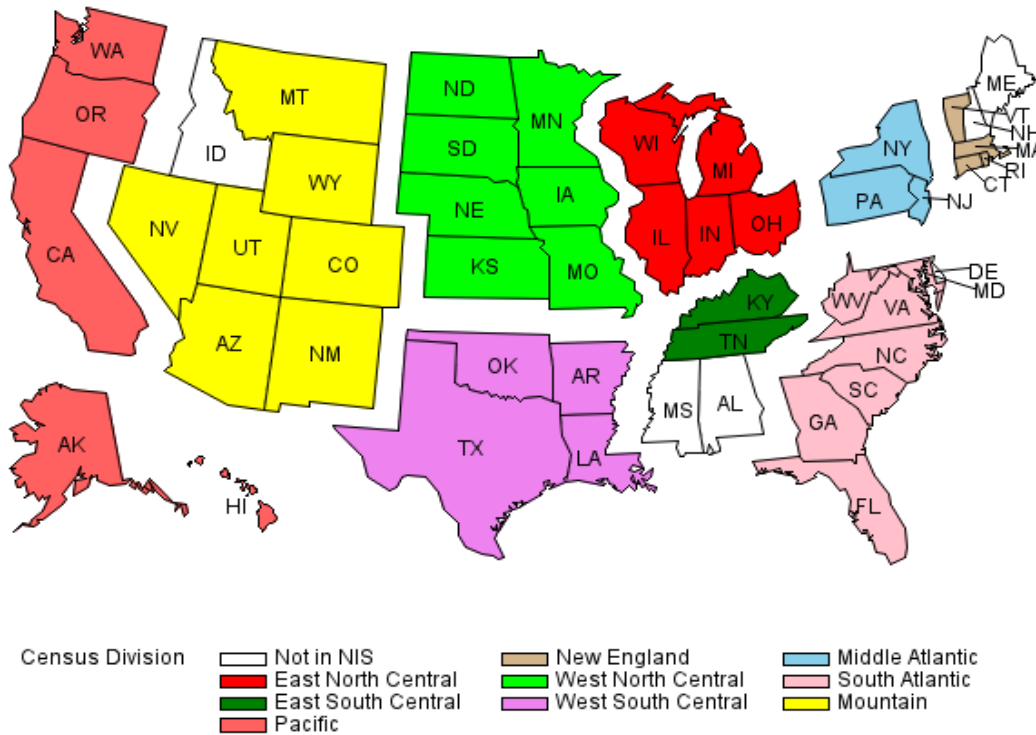
This report provides a brief analysis that compares estimates of discharge counts from the Healthcare Cost and Utilization Project (HCUP) National Inpatient Sample (NIS) for 2012 with Fiscal Year 2012 Medicare Provider Analysis and Review (MedPAR) inpatient data from the Centers for Medicare & Medicaid Services (CMS).¹ Comparison reports for prior years have shown that estimates of several outcomes from the NIS tend to agree well with corresponding estimates from multiple national databases. For full information on these databases and complete details on prior years' findings, refer to earlier versions of this report on the HCUP-US Web site under the heading "NIS Comparison Reports" at <http://www.hcup-us.ahrq.gov/db/nation/nis/nisrelatedreports.jsp>.

This report compares just one estimated outcome from the 2012 NIS, Medicare discharge counts, with counts from just one other database, the Fiscal Year 2012 100% MedPAR file. Although the scope of this comparison is more limited than comparisons in previous reports, it is nonetheless reassuring to see substantial agreement between estimates from these two data sources for such a significant subset of the inpatient population.

As shown in Figure 1, the 2012 NIS is selected from a sampling frame comprising 44 HCUP Partner organizations. Only six States, plus the District of Columbia, are not included in the 2012 NIS sampling frame: Idaho, Mississippi, Alabama, Maine, New Hampshire, and Delaware.

¹ Source: Fiscal Year 2012 100% Medpar Short Stay Hospital Inpatient by DRG tables received by email from CMS on March 12, 2015.

Figure 1. HCUP State Partners Participating in the NIS, 2012



The findings in this report are summarized in tables that highlight differences and similarities in estimates of the 2012 discharge counts between the NIS and the MedPAR.

- Table 1 compares counts for the top 100 diagnosis related groups (DRGs).
- Appendices A and B provide estimates for the full list of all DRGs. For convenience, Appendix A contains a table sorted by DRG and Appendix B contains the same table sorted by the number of HCUP discharges (of which Table 1 represents the first 100 rows).

Summary of NIS-MedPAR Comparisons

- On average, CMS numbers of discharges are about 5 percent higher than the NIS numbers (bottom of Table 1). This discrepancy can be explained by the difference between the MedPAR universe and the NIS universe. The NIS is a sample of discharges from short-term, acute care community hospitals. In particular, the NIS excludes psychiatric hospitals, substance abuse facilities, rehabilitation hospitals, and long-term acute care (LTAC) facilities. Further, the NIS estimates are based only on discharges with Medicare as the first-listed (primary) payer, whereas the MedPAR count includes discharges with Medicare as a secondary payer. Even in the absence of these differences, we would expect to see some differences on discharge counts because the NIS counts discharges for the calendar year (January 1 through December 31,

2012) whereas the MedPAR counts discharges for the fiscal year (October 1, 2011 through September 30, 2012).

- These NIS exclusions most likely explain DRGs exhibiting more than a 10 percent difference. For example, large percentage differences occur for psychiatric-related conditions (ranked 3rd and 64th in Table 1), substance abuse (ranked 60th), rehabilitation-related conditions (ranked 9th and 57th), and LTAC-related conditions (ranked 45th, 81st, and 99th).
- NIS exclusions of long term care, rehabilitation, substance abuse, and psychiatric facilities are likely the underlying reason for differences for the most frequent conditions with the largest NIS-MedPAR differences. Among frequent conditions (more than 30,000 discharges in the NIS), only eight MS-DRGs exhibit more than a 10 percent difference from MedPAR counts:
 - 945-rehabilitation (35.1 percent lower in the NIS)
 - 207-respiratory diagnoses with ventilator support 96+ hours (32.5 percent lower)
 - 885-psychoses (30.6 percent lower)
 - 897-alcohol/drug abuse (28.0 percent lower)
 - 946-rehabilitation (25.1 percent lower)
 - 57-degenerative nervous system disorders (12.2 percent lower)
 - 884-organic psychiatric disturbances (10.7 percent lower)
 - 473-cervical spinal fusion (10.5 percent lower)
- For many common conditions, the NIS estimates and the CMS counts are remarkably similar:
 - 871-septicemia, ranked 2nd (1.5 percent higher in the NIS)
 - 392-esophagitis, ranked 4th (2.9 percent lower).
 - 292-heart failure with complications and comorbidities, ranked 5th (1.7 percent lower)
 - 690-kidney & urinary infections, ranked 6th (1.7 percent lower)
 - 194-pneumonia, ranked 7th (less than 1 percent difference)
 - 291-heart failure with major complications and comorbidities, ranked 8th (less than 1 percent difference)

In the complete tables contained in the appendices, there tend to be larger percentage differences for less common DRGs, but the same pattern continues as those found in Table 1: large differences tend to occur in DRGs that would be most affected by the exclusions of certain types of hospitals and facilities from the NIS sample (long-term acute care facilities, rehabilitation hospitals, and substance abuse and psychiatric facilities).

The 2012 NIS appears to provide reliable national estimates of Medicare discharge counts when compared with MedPAR data. Although the MedPAR data might be favored for studies addressing solely Medicare enrollees, the NIS would be favored for all-payer studies or even for special

Medicare studies in which the all-payer context is important, such as analyses of the impact of total surgical volume on surgical outcomes for Medicare patients.

Table 1. Differences in Medicare discharge counts between estimates from HCUP NIS and reports from CMS MedPAR data, top 100 DRGs sorted from highest to lowest estimated number of NIS discharges, 2012

Rank	MS-DRG #	MS-DRG	Discharges, N		Percent Difference
			CMS	HCUP NIS	
1	470	Major joint replacement or reattachment of lower extremity w/o mcc	576,788	547,955	-5.0
2	871	Septicemia or severe sepsis w/o mv 96+ hours w mcc	449,700	456,670	1.5
3	885	Psychoses	485,240	336,965	-30.6
4	392	Esophagitis, gastroent & misc digest disorders w/o mcc	330,175	320,465	-2.9
5	292	Heart failure & shock w cc	283,817	279,010	-1.7
6	690	Kidney & urinary tract infections w/o mcc	271,893	267,200	-1.7
7	194	Simple pneumonia & pleurisy w cc	253,195	253,290	0.0
8	291	Heart failure & shock w mcc	240,663	239,035	-0.7
9	945	Rehabilitation w cc/mcc	335,617	217,660	-35.1
10	683	Renal failure w cc	208,318	203,560	-2.3
11	641	Nutritional & misc metabolic disorders w/o mcc	196,348	192,050	-2.2
12	190	Chronic obstructive pulmonary disease w mcc	191,095	191,650	0.3
13	603	Cellulitis w/o mcc	196,150	188,725	-3.8
14	378	G.I. hemorrhage w cc	190,022	187,515	-1.3
15	191	Chronic obstructive pulmonary disease w cc	187,438	186,880	-0.3
16	312	Syncope & collapse	185,520	177,500	-4.3
17	313	Chest pain	175,802	172,520	-1.9
18	193	Simple pneumonia & pleurisy w mcc	168,484	170,450	1.2
19	872	Septicemia or severe sepsis w/o mv 96+ hours w/o mcc	165,200	167,300	1.3
20	310	Cardiac arrhythmia & conduction disorders w/o cc/mcc	156,700	151,075	-3.6
21	192	Chronic obstructive pulmonary disease w/o cc/mcc	147,606	144,965	-1.8
22	65	Intracranial hemorrhage or cerebral infarction w cc	150,597	144,900	-3.8
23	247	Perc cardiovasc proc w drug-eluting stent w/o mcc	152,601	144,880	-5.1
24	309	Cardiac arrhythmia & conduction disorders w cc	144,130	142,590	-1.1
25	287	Circulatory disorders except ami, w card cath w/o mcc	148,467	141,460	-4.7
26	189	Pulmonary edema & respiratory failure	150,014	139,120	-7.3
27	682	Renal failure w mcc	138,905	134,920	-2.9
28	812	Red blood cell disorders w/o mcc	125,846	120,100	-4.6
29	69	Transient ischemia	120,714	115,950	-3.9
30	293	Heart failure & shock w/o cc/mcc	117,900	114,680	-2.7
31	195	Simple pneumonia & pleurisy w/o cc/mcc	112,278	111,290	-0.9
32	481	Hip & femur procedures except major joint w cc	104,489	103,800	-0.7

Rank	MS-DRG #	MS-DRG	Discharges, N		Percent Difference
			CMS	HCUP NIS	
33	689	Kidney & urinary tract infections w mcc	95,454	95,645	0.2
34	64	Intracranial hemorrhage or cerebral infarction w mcc	92,129	91,945	-0.2
35	208	Respiratory system diagnosis w ventilator support <96 hours	93,544	90,480	-3.3
36	308	Cardiac arrhythmia & conduction disorders w mcc	87,875	88,110	0.3
37	280	Acute myocardial infarction, discharged alive w mcc	87,327	87,970	0.7
38	177	Respiratory infections & inflammations w mcc	90,020	87,300	-3.0
39	552	Medical back problems w/o mcc	91,169	87,050	-4.5
40	460	Spinal fusion except cervical w/o mcc	91,505	84,915	-7.2
41	66	Intracranial hemorrhage or cerebral infarction w/o cc/mcc	86,967	83,315	-4.2
42	948	Signs & symptoms w/o mcc	76,565	76,500	-0.1
43	640	Nutritional & misc metabolic disorders w mcc	77,674	76,240	-1.8
44	330	Major small & large bowel procedures w cc	75,012	72,925	-2.8
45	57	Degenerative nervous system disorders w/o mcc	83,071	72,895	-12.2
46	178	Respiratory infections & inflammations w cc	72,979	71,920	-1.5
47	389	G.I. obstruction w cc	72,829	71,605	-1.7
48	638	Diabetes w cc	73,176	69,275	-5.3
49	377	G.I. hemorrhage w mcc	70,101	68,765	-1.9
50	101	Seizures w/o mcc	69,058	66,790	-3.3
51	281	Acute myocardial infarction, discharged alive w cc	64,518	63,940	-0.9
52	314	Other circulatory system diagnoses w mcc	68,084	63,285	-7.0
53	394	Other digestive system diagnoses w cc	64,134	63,040	-1.7
54	391	Esophagitis, gastroent & misc digest disorders w mcc	63,509	61,165	-3.7
55	853	Infectious & parasitic diseases w O.R. procedure w mcc	62,895	60,990	-3.0
56	300	Peripheral vascular disorders w cc	59,699	56,680	-5.1
57	946	Rehabilitation w/o cc/mcc	73,967	55,405	-25.1
58	176	Pulmonary embolism w/o mcc	56,057	54,160	-3.4
59	390	G.I. obstruction w/o cc/mcc	55,623	53,785	-3.3
60	897	Alcohol/drug abuse or dependence w/o rehabilitation therapy w/o mcc	74,447	53,565	-28.0
61	329	Major small & large bowel procedures w mcc	55,139	53,420	-3.1
62	379	G.I. hemorrhage w/o cc/mcc	54,285	51,995	-4.2
63	253	Other vascular procedures w cc	53,412	51,530	-3.5
64	884	Organic disturbances & mental retardation	57,228	51,110	-10.7
65	372	Major gastrointestinal disorders & peritoneal infections w cc	49,209	49,215	0.0
66	202	Bronchitis & asthma w cc/mcc	49,319	48,730	-1.2
67	238	Major cardiovasc procedures w/o mcc	47,309	45,705	-3.4
68	305	Hypertension w/o mcc	46,393	45,470	-2.0

Rank	MS-DRG #	MS-DRG	Discharges, N		Percent Difference
			CMS	HCUP NIS	
69	918	Poisoning & toxic effects of drugs w/o mcc	47,113	45,115	-4.2
70	491	Back & neck proc exc spinal fusion w/o cc/mcc	47,878	44,655	-6.7
71	39	Extracranial procedures w/o cc/mcc	46,972	44,610	-5.0
72	303	Atherosclerosis w/o mcc	46,462	43,630	-6.1
73	252	Other vascular procedures w mcc	45,039	43,300	-3.9
74	243	Permanent cardiac pacemaker implant w cc	43,029	42,680	-0.8
75	282	Acute myocardial infarction, discharged alive w/o cc/mcc	41,326	40,895	-1.0
76	811	Red blood cell disorders w mcc	42,171	40,775	-3.3
77	251	Perc cardiovasc proc w/o coronary artery stent w/o mcc	41,154	40,545	-1.5
78	699	Other kidney & urinary tract diagnoses w cc	40,422	40,255	-0.4
79	536	Fractures of hip & pelvis w/o mcc	42,408	39,675	-6.4
80	246	Perc cardiovasc proc w drug-eluting stent w mcc or 4+ vessels/stents	40,653	39,655	-2.5
81	207	Respiratory system diagnosis w ventilator support 96+ hours	58,338	39,390	-32.5
82	870	Septicemia or severe sepsis w mv 96+ hours	40,440	39,355	-2.7
83	684	Renal failure w/o cc/mcc	40,106	39,245	-2.1
84	698	Other kidney & urinary tract diagnoses w mcc	38,905	38,820	-0.2
85	149	Dysequilibrium	40,050	38,715	-3.3
86	244	Permanent cardiac pacemaker implant w/o cc/mcc	39,874	38,380	-3.7
87	254	Other vascular procedures w/o cc/mcc	40,577	38,175	-5.9
88	563	Fx, sprn, strn & disl except femur, hip, pelvis & thigh w/o mcc	39,095	37,385	-4.4
89	439	Disorders of pancreas except malignancy w cc	38,014	36,880	-3.0
90	74	Cranial & peripheral nerve disorders w/o mcc	38,747	36,750	-5.2
91	249	Perc cardiovasc proc w non-drug-eluting stent w/o mcc	40,048	36,560	-8.7
92	469	Major joint replacement or reattachment of lower extremity w mcc	34,118	35,740	4.8
93	418	Laparoscopic cholecystectomy w/o c.d.e. w cc	36,064	35,420	-1.8
94	917	Poisoning & toxic effects of drugs w mcc	34,002	34,610	1.8
95	482	Hip & femur procedures except major joint w/o cc/mcc	36,226	34,490	-4.8
96	286	Circulatory disorders except ami, w card cath w mcc	34,853	34,145	-2.0
97	315	Other circulatory system diagnoses w cc	35,372	34,025	-3.8
98	602	Cellulitis w mcc	35,480	33,595	-5.3
99	473	Cervical spinal fusion w/o cc/mcc	37,029	33,145	-10.5
100	331	Major small & large bowel procedures w/o cc/mcc	34,493	32,525	-5.7
		Total Discharges	15,020,853	14,276,950	-5.0

Source: Fiscal Year 2012 100% Medpar Short Stay Hospital Inpatient by DRG tables received by email from CMS on March 12, 2015.

Abbreviations: cc, complications or comorbidities; CMS, Centers for Medicare & Medicaid Services; G.I., gastrointestinal; HCUP, Healthcare Cost and Utilization Project, mcc, major complications or comorbidities; NIS, National Inpatient Sample; OR, operating room

Appendix A

Differences in Medicare Discharge Counts Between Estimates from HCUP NIS and Reports from CMS MedPAR data, Sorted by MS-DRG Number, 2012

MS-DRG#	MS-DRG	Discharges, N		Percent Difference
		CMS	HCUP NIS	
1	Heart transplant or implant of heart assist system w mcc	1,931	1,860	-3.7
2	Heart transplant or implant of heart assist system w/o mcc	411	435	5.8
3	Ecmo or trach w mv 96+ hrs or pdx exc face, mouth & neck w maj O.R.	24,224	23,470	-3.1
4	Trach w mv 96+ hrs or pdx exc face, mouth & neck w/o maj O.R.	26,996	24,250	-10.2
5	Liver transplant w mcc or intestinal transplant	1,268	1,120	-11.7
6	Liver transplant w/o mcc	410	380	-7.3
7	Lung transplant	685	630	-8.0
8	Simultaneous pancreas/kidney transplant	516	410	-20.5
10	Pancreas transplant	95	75	-21.1
11	Tracheostomy for face,mouth & neck diagnoses w mcc	2,246	2,090	-6.9
12	Tracheostomy for face,mouth & neck diagnoses w cc	2,655	2,585	-2.6
13	Tracheostomy for face,mouth & neck diagnoses w/o cc/mcc	1,199	1,200	0.1
14	Allogeneic bone marrow transplant	889	1,030	15.9
16	Autologous Bone Marrow Transplant w cc/mcc	2,064	2,300	11.4
17	Autologous Bone Marrow Transplant w/o cc/mcc	339	320	-5.6
20	Intracranial vascular procedures w pdx hemorrhage w mcc	1,626	1,635	0.6
21	Intracranial vascular procedures w pdx hemorrhage w cc	610	565	-7.4
22	Intracranial vascular procedures w pdx hemorrhage w/o cc/mcc	164	105	-36.0
23	Cranio w major dev impl/acute complex cns pdx w mcc or chemo implant	7,022	7,325	4.3
24	Cranio w major dev impl/acute complex cns pdx w/o mcc	2,421	2,485	2.6
25	Craniotomy & endovascular intracranial procedures w mcc	20,114	20,125	0.1
26	Craniotomy & endovascular intracranial procedures w cc	12,917	12,215	-5.4
27	Craniotomy & endovascular intracranial procedures w/o cc/mcc	14,832	14,445	-2.6
28	Spinal procedures w mcc	2,629	2,685	2.1
29	Spinal procedures w cc or spinal neurostimulators	5,098	4,860	-4.7
30	Spinal procedures w/o cc/mcc	4,207	4,120	-2.1
31	Ventricular shunt procedures w mcc	1,456	1,340	-8.0
32	Ventricular shunt procedures w cc	3,185	2,935	-7.8
33	Ventricular shunt procedures w/o cc/mcc	3,807	3,895	2.3
34	Carotid artery stent procedure w mcc	1,147	1,180	2.9
35	Carotid artery stent procedure w cc	3,084	3,075	-0.3
36	Carotid artery stent procedure w/o cc/mcc	7,068	6,675	-5.6
37	Extracranial procedures w mcc	6,274	6,060	-3.4

MS-DRG#	MS-DRG	Discharges, N		Percent Difference
		CMS	HCUP NIS	
38	Extracranial procedures w cc	16,737	16,210	-3.1
39	Extracranial procedures w/o cc/mcc	46,972	44,610	-5.0
40	Periph/cranial nerve & other nerv syst proc w mcc	6,387	5,905	-7.5
41	Periph/cranial nerve & other nerv syst proc w cc or periph neurostim	9,024	8,600	-4.7
42	Periph/cranial nerve & other nerv syst proc w/o cc/mcc	3,672	3,665	-0.2
52	Spinal disorders & injuries w cc/mcc	1,982	1,490	-24.8
53	Spinal disorders & injuries w/o cc/mcc	643	585	-9.0
54	Nervous system neoplasms w mcc	14,113	14,165	0.4
55	Nervous system neoplasms w/o mcc	12,614	12,465	-1.2
56	Degenerative nervous system disorders w mcc	16,098	14,920	-7.3
57	Degenerative nervous system disorders w/o mcc	83,071	72,895	-12.2
58	Multiple sclerosis & cerebellar ataxia w mcc	1,229	1,060	-13.8
59	Multiple sclerosis & cerebellar ataxia w cc	4,559	4,005	-12.2
60	Multiple sclerosis & cerebellar ataxia w/o cc/mcc	4,516	4,110	-9.0
61	Acute ischemic stroke w use of thrombolytic agent w mcc	4,933	5,090	3.2
62	Acute ischemic stroke w use of thrombolytic agent w cc	7,658	7,680	0.3
63	Acute ischemic stroke w use of thrombolytic agent w/o cc/mcc	2,496	2,505	0.4
64	Intracranial hemorrhage or cerebral infarction w mcc	92,129	91,945	-0.2
65	Intracranial hemorrhage or cerebral infarction w cc	150,597	144,900	-3.8
66	Intracranial hemorrhage or cerebral infarction w/o cc/mcc	86,967	83,315	-4.2
67	Nonspecific cva & precerebral occlusion w/o infarct w mcc	1,600	1,625	1.6
68	Nonspecific cva & precerebral occlusion w/o infarct w/o mcc	10,987	10,435	-5.0
69	Transient ischemia	120,714	115,950	-3.9
70	Nonspecific cerebrovascular disorders w mcc	17,080	17,050	-0.2
71	Nonspecific cerebrovascular disorders w cc	21,489	20,665	-3.8
72	Nonspecific cerebrovascular disorders w/o cc/mcc	7,394	6,945	-6.1
73	Cranial & peripheral nerve disorders w mcc	11,203	10,390	-7.3
74	Cranial & peripheral nerve disorders w/o mcc	38,747	36,750	-5.2
75	Viral meningitis w cc/mcc	2,029	1,915	-5.6
76	Viral meningitis w/o cc/mcc	925	945	2.2
77	Hypertensive encephalopathy w mcc	2,258	2,165	-4.1
78	Hypertensive encephalopathy w cc	3,829	3,785	-1.1
79	Hypertensive encephalopathy w/o cc/mcc	1,219	1,255	3.0
80	Nontraumatic stupor & coma w mcc	2,277	2,180	-4.3
81	Nontraumatic stupor & coma w/o mcc	8,191	7,550	-7.8
82	Traumatic stupor & coma, coma >1 hr w mcc	3,925	3,945	0.5

MS-DRG#	MS-DRG	Discharges, N		Percent Difference
		CMS	HCUP NIS	
83	Traumatic stupor & coma, coma >1 hr w cc	3,725	3,625	-2.7
84	Traumatic stupor & coma, coma >1 hr w/o cc/mcc	3,431	3,340	-2.7
85	Traumatic stupor & coma, coma <1 hr w mcc	12,964	13,115	1.2
86	Traumatic stupor & coma, coma <1 hr w cc	22,189	21,325	-3.9
87	Traumatic stupor & coma, coma <1 hr w/o cc/mcc	18,450	17,790	-3.6
88	Concussion w mcc	1,196	1,130	-5.5
89	Concussion w cc	3,845	3,660	-4.8
90	Concussion w/o cc/mcc	2,871	2,760	-3.9
91	Other disorders of nervous system w mcc	14,528	14,205	-2.2
92	Other disorders of nervous system w cc	26,981	26,745	-0.9
93	Other disorders of nervous system w/o cc/mcc	15,699	15,705	0.0
94	Bacterial & tuberculous infections of nervous system w mcc	2,092	1,810	-13.5
95	Bacterial & tuberculous infections of nervous system w cc	1,610	1,370	-14.9
96	Bacterial & tuberculous infections of nervous system w/o cc/mcc	707	705	-0.3
97	Non-bacterial infect of nervous sys exc viral meningitis w mcc	1,879	1,810	-3.7
98	Non-bacterial infect of nervous sys exc viral meningitis w cc	1,513	1,410	-6.8
99	Non-bacterial infect of nervous sys exc viral meningitis w/o cc/mcc	664	680	2.4
100	Seizures w mcc	28,460	28,305	-0.5
101	Seizures w/o mcc	69,058	66,790	-3.3
102	Headaches w mcc	1,873	1,770	-5.5
103	Headaches w/o mcc	17,434	16,540	-5.1
113	Orbital procedures w cc/mcc	824	895	8.6
114	Orbital procedures w/o cc/mcc	496	465	-6.3
115	Extraocular procedures except orbit	1,111	1,120	0.8
116	Intraocular procedures w cc/mcc	584	525	-10.1
117	Intraocular procedures w/o cc/mcc	507	520	2.6
121	Acute major eye infections w cc/mcc	1,033	985	-4.6
122	Acute major eye infections w/o cc/mcc	553	525	-5.1
123	Neurological eye disorders	4,125	4,175	1.2
124	Other disorders of the eye w mcc	1,084	1,110	2.4
125	Other disorders of the eye w/o mcc	5,858	5,715	-2.4
129	Major head & neck procedures w cc/mcc or major device	2,094	2,010	-4.0
130	Major head & neck procedures w/o cc/mcc	1,419	1,405	-1.0
131	Cranial/facial procedures w cc/mcc	1,576	1,370	-13.1
132	Cranial/facial procedures w/o cc/mcc	959	825	-14.0
133	Other ear, nose, mouth & throat O.R. procedures w cc/mcc	3,032	2,775	-8.5
134	Other ear, nose, mouth & throat O.R. procedures w/o cc/mcc	2,921	2,840	-2.8

MS-DRG#	MS-DRG	Discharges, N		Percent Difference
		CMS	HCUP NIS	
135	Sinus & mastoid procedures w cc/mcc	519	430	-17.1
136	Sinus & mastoid procedures w/o cc/mcc	348	320	-8.0
137	Mouth procedures w cc/mcc	1,286	1,270	-1.2
138	Mouth procedures w/o cc/mcc	994	945	-4.9
139	Salivary gland procedures	1,288	1,260	-2.2
146	Ear, nose, mouth & throat malignancy w mcc	1,001	850	-15.1
147	Ear, nose, mouth & throat malignancy w cc	1,692	1,605	-5.1
148	Ear, nose, mouth & throat malignancy w/o cc/mcc	603	580	-3.8
149	Dysequilibrium	40,050	38,715	-3.3
150	Epistaxis w mcc	1,631	1,670	2.4
151	Epistaxis w/o mcc	7,057	6,880	-2.5
152	Otitis media & uri w mcc	2,794	3,680	31.7
153	Otitis media & uri w/o mcc	14,100	17,655	25.2
154	Other ear, nose, mouth & throat diagnoses w mcc (after Oct 1, 2008)	3,305	3,240	-2.0
155	Other ear, nose, mouth & throat diagnoses w cc (after Oct 1, 2008)	7,812	7,705	-1.4
156	Other ear, nose, mouth & throat diagnoses w/o cc/mcc (after Oct 1, 2008)	4,021	3,850	-4.3
157	Dental & oral diseases w mcc	2,060	1,955	-5.1
158	Dental & oral diseases w cc	4,904	4,800	-2.1
159	Dental & oral diseases w/o cc/mcc	1,942	1,970	1.4
163	Major chest procedures w mcc	16,220	15,840	-2.3
164	Major chest procedures w cc	23,724	23,125	-2.5
165	Major chest procedures w/o cc/mcc	13,730	13,040	-5.0
166	Other resp system O.R. procedures w mcc	27,994	25,365	-9.4
167	Other resp system O.R. procedures w cc	20,512	19,585	-4.5
168	Other resp system O.R. procedures w/o cc/mcc	4,683	4,450	-5.0
175	Pulmonary embolism w mcc	23,371	22,595	-3.3
176	Pulmonary embolism w/o mcc	56,057	54,160	-3.4
177	Respiratory infections & inflammations w mcc	90,020	87,300	-3.0
178	Respiratory infections & inflammations w cc	72,979	71,920	-1.5
179	Respiratory infections & inflammations w/o cc/mcc	18,207	18,165	-0.2
180	Respiratory neoplasms w mcc	27,147	27,015	-0.5
181	Respiratory neoplasms w cc	28,582	27,195	-4.9
182	Respiratory neoplasms w/o cc/mcc	3,206	3,260	1.7
183	Major chest trauma w mcc	4,083	3,745	-8.3
184	Major chest trauma w cc	9,297	8,635	-7.1

MS-DRG#	MS-DRG	Discharges, N		Percent Difference
		CMS	HCUP NIS	
185	Major chest trauma w/o cc/mcc	3,055	2,660	-12.9
186	Pleural effusion w mcc	13,534	13,245	-2.1
187	Pleural effusion w cc	13,201	13,090	-0.8
188	Pleural effusion w/o cc/mcc	3,922	3,880	-1.1
189	Pulmonary edema & respiratory failure	150,014	139,120	-7.3
190	Chronic obstructive pulmonary disease w mcc	191,095	191,650	0.3
191	Chronic obstructive pulmonary disease w cc	187,438	186,880	-0.3
192	Chronic obstructive pulmonary disease w/o cc/mcc	147,606	144,965	-1.8
193	Simple pneumonia & pleurisy w mcc	168,484	170,450	1.2
194	Simple pneumonia & pleurisy w cc	253,195	253,290	0.0
195	Simple pneumonia & pleurisy w/o cc/mcc	112,278	111,290	-0.9
196	Interstitial lung disease w mcc	9,684	9,290	-4.1
197	Interstitial lung disease w cc	7,313	7,185	-1.8
198	Interstitial lung disease w/o cc/mcc	3,137	2,840	-9.5
199	Pneumothorax w mcc	5,340	5,295	-0.8
200	Pneumothorax w cc	10,886	10,740	-1.3
201	Pneumothorax w/o cc/mcc	3,843	3,640	-5.3
202	Bronchitis & asthma w cc/mcc	49,319	48,730	-1.2
203	Bronchitis & asthma w/o cc/mcc	32,569	31,500	-3.3
204	Respiratory signs & symptoms	26,974	25,460	-5.6
205	Other respiratory system diagnoses w mcc	10,524	9,805	-6.8
206	Other respiratory system diagnoses w/o mcc	24,522	23,710	-3.3
207	Respiratory system diagnosis w ventilator support 96+ hours	58,338	39,390	-32.5
208	Respiratory system diagnosis w ventilator support <96 hours	93,544	90,480	-3.3
215	Other heart assist system implant	330	325	-1.5
216	Cardiac valve & oth maj cardiothoracic proc w card cath w mcc	13,897	13,710	-1.3
217	Cardiac valve & oth maj cardiothoracic proc w card cath w cc	7,914	7,530	-4.9
218	Cardiac valve & oth maj cardiothoracic proc w card cath w/o cc/mcc	1,378	1,350	-2.0
219	Cardiac valve & oth maj cardiothoracic proc w/o card cath w mcc	22,183	22,180	0.0
220	Cardiac valve & oth maj cardiothoracic proc w/o card cath w cc	27,486	26,865	-2.3
221	Cardiac valve & oth maj cardiothoracic proc w/o card cath w/o cc/mcc	6,600	6,305	-4.5
222	Cardiac defib implant w cardiac cath w ami/hf/shock w mcc	2,261	2,070	-8.4
223	Cardiac defib implant w cardiac cath w ami/hf/shock w/o mcc	2,569	2,395	-6.8
224	Cardiac defib implant w cardiac cath w/o ami/hf/shock w mcc	3,158	2,970	-6.0
225	Cardiac defib implant w cardiac cath w/o ami/hf/shock w/o mcc	3,960	3,570	-9.8

MS-DRG#	MS-DRG	Discharges, N		Percent Difference
		CMS	HCUP NIS	
226	Cardiac defibrillator implant w/o cardiac cath w mcc	6,611	6,390	-3.3
227	Cardiac defibrillator implant w/o cardiac cath w/o mcc	24,764	23,370	-5.6
228	Other cardiothoracic procedures w mcc	2,274	2,145	-5.7
229	Other cardiothoracic procedures w cc	2,686	2,610	-2.8
230	Other cardiothoracic procedures w/o cc/mcc	742	810	9.2
231	Coronary bypass w ptca w mcc	1,596	1,530	-4.1
232	Coronary bypass w ptca w/o mcc	1,361	1,275	-6.3
233	Coronary bypass w cardiac cath w mcc	17,413	16,230	-6.8
234	Coronary bypass w cardiac cath w/o mcc	28,078	25,670	-8.6
235	Coronary bypass w/o cardiac cath w mcc	10,719	10,565	-1.4
236	Coronary bypass w/o cardiac cath w/o mcc	26,572	25,265	-4.9
237	Major cardiovasc procedures w mcc or thoracic aortic aneurysm repair	25,575	25,015	-2.2
238	Major cardiovasc procedures w/o mcc	47,309	45,705	-3.4
239	Amputation for circ sys disorders exc upper limb & toe w mcc	11,930	10,995	-7.8
240	Amputation for circ sys disorders exc upper limb & toe w cc	12,245	11,590	-5.3
241	Amputation for circ sys disorders exc upper limb & toe w/o cc/mcc	1,783	1,555	-12.8
242	Permanent cardiac pacemaker implant w mcc	22,690	22,660	-0.1
243	Permanent cardiac pacemaker implant w cc	43,029	42,680	-0.8
244	Permanent cardiac pacemaker implant w/o cc/mcc	39,874	38,380	-3.7
245	Aicd generator procedures (after Oct 1, 2008)	3,078	3,000	-2.5
246	Perc cardiovasc proc w drug-eluting stent w mcc or 4+ vessels/stents	40,653	39,655	-2.5
247	Perc cardiovasc proc w drug-eluting stent w/o mcc	152,601	144,880	-5.1
248	Perc cardiovasc proc w non-drug-eluting stent w mcc or 4+ ves/stents	16,438	15,285	-7.0
249	Perc cardiovasc proc w non-drug-eluting stent w/o mcc	40,048	36,560	-8.7
250	Perc cardiovasc proc w/o coronary artery stent w mcc	11,963	11,610	-3.0
251	Perc cardiovasc proc w/o coronary artery stent w/o mcc	41,154	40,545	-1.5
252	Other vascular procedures w mcc	45,039	43,300	-3.9
253	Other vascular procedures w cc	53,412	51,530	-3.5
254	Other vascular procedures w/o cc/mcc	40,577	38,175	-5.9
255	Upper limb & toe amputation for circ system disorders w mcc	2,819	2,700	-4.2
256	Upper limb & toe amputation for circ system disorders w cc	4,050	3,750	-7.4
257	Upper limb & toe amputation for circ system disorders w/o cc/mcc	460	375	-18.5
258	Cardiac pacemaker device replacement w mcc	822	785	-4.5
259	Cardiac pacemaker device replacement w/o mcc	3,725	3,645	-2.1

MS-DRG#	MS-DRG	Discharges, N		Percent Difference
		CMS	HCUP NIS	
260	Cardiac pacemaker revision except device replacement w mcc	2,342	2,250	-3.9
261	Cardiac pacemaker revision except device replacement w cc	4,483	4,420	-1.4
262	Cardiac pacemaker revision except device replacement w/o cc/mcc	2,267	2,140	-5.6
263	Vein ligation & stripping	559	535	-4.3
264	Other circulatory system O.R. procedures	24,010	21,970	-8.5
265	Aicd lead procedures	1,508	1,365	-9.5
280	Acute myocardial infarction, discharged alive w mcc	87,327	87,970	0.7
281	Acute myocardial infarction, discharged alive w cc	64,518	63,940	-0.9
282	Acute myocardial infarction, discharged alive w/o cc/mcc	41,326	40,895	-1.0
283	Acute myocardial infarction, expired w mcc	14,404	14,335	-0.5
284	Acute myocardial infarction, expired w cc	3,397	3,360	-1.1
285	Acute myocardial infarction, expired w/o cc/mcc	1,339	1,300	-2.9
286	Circulatory disorders except ami, w card cath w mcc	34,853	34,145	-2.0
287	Circulatory disorders except ami, w card cath w/o mcc	148,467	141,460	-4.7
288	Acute & subacute endocarditis w mcc	3,400	2,425	-28.7
289	Acute & subacute endocarditis w cc	1,539	1,260	-18.1
290	Acute & subacute endocarditis w/o cc/mcc	276	305	10.5
291	Heart failure & shock w mcc	240,663	239,035	-0.7
292	Heart failure & shock w cc	283,817	279,010	-1.7
293	Heart failure & shock w/o cc/mcc	117,900	114,680	-2.7
294	Deep vein thrombophlebitis w cc/mcc	1,074	1,000	-6.9
295	Deep vein thrombophlebitis w/o cc/mcc	380	270	-28.9
296	Cardiac arrest, unexplained w mcc	3,177	3,280	3.2
297	Cardiac arrest, unexplained w cc	883	820	-7.1
298	Cardiac arrest, unexplained w/o cc/mcc	469	430	-8.3
299	Peripheral vascular disorders w mcc	27,791	26,195	-5.7
300	Peripheral vascular disorders w cc	59,699	56,680	-5.1
301	Peripheral vascular disorders w/o cc/mcc	33,288	31,535	-5.3
302	Atherosclerosis w mcc	7,588	7,220	-4.8
303	Atherosclerosis w/o mcc	46,462	43,630	-6.1
304	Hypertension w mcc	3,902	4,055	3.9
305	Hypertension w/o mcc	46,393	45,470	-2.0
306	Cardiac congenital & valvular disorders w mcc	4,319	4,445	2.9
307	Cardiac congenital & valvular disorders w/o mcc	7,467	7,490	0.3
308	Cardiac arrhythmia & conduction disorders w mcc	87,875	88,110	0.3
309	Cardiac arrhythmia & conduction disorders w cc	144,130	142,590	-1.1
310	Cardiac arrhythmia & conduction disorders w/o cc/mcc	156,700	151,075	-3.6

MS-DRG#	MS-DRG	Discharges, N		Percent Difference
		CMS	HCUP NIS	
311	Angina pectoris	16,126	14,250	-11.6
312	Syncope & collapse	185,520	177,500	-4.3
313	Chest pain	175,802	172,520	-1.9
314	Other circulatory system diagnoses w mcc	68,084	63,285	-7.0
315	Other circulatory system diagnoses w cc	35,372	34,025	-3.8
316	Other circulatory system diagnoses w/o cc/mcc	11,330	10,720	-5.4
326	Stomach, esophageal & duodenal proc w mcc	14,237	13,715	-3.7
327	Stomach, esophageal & duodenal proc w cc	13,829	13,570	-1.9
328	Stomach, esophageal & duodenal proc w/o cc/mcc	13,637	12,930	-5.2
329	Major small & large bowel procedures w mcc	55,139	53,420	-3.1
330	Major small & large bowel procedures w cc	75,012	72,925	-2.8
331	Major small & large bowel procedures w/o cc/mcc	34,493	32,525	-5.7
332	Rectal resection w mcc	1,850	1,760	-4.9
333	Rectal resection w cc	5,893	5,685	-3.5
334	Rectal resection w/o cc/mcc	4,210	4,150	-1.4
335	Peritoneal adhesiolysis w mcc	9,111	8,960	-1.7
336	Peritoneal adhesiolysis w cc	17,274	16,705	-3.3
337	Peritoneal adhesiolysis w/o cc/mcc	10,130	9,435	-6.9
338	Appendectomy w complicated principal diag w mcc	1,597	1,575	-1.4
339	Appendectomy w complicated principal diag w cc	4,118	3,965	-3.7
340	Appendectomy w complicated principal diag w/o cc/mcc	4,117	4,040	-1.9
341	Appendectomy w/o complicated principal diag w mcc	1,181	1,105	-6.4
342	Appendectomy w/o complicated principal diag w cc	3,784	3,520	-7.0
343	Appendectomy w/o complicated principal diag w/o cc/mcc	7,872	7,595	-3.5
344	Minor small & large bowel procedures w mcc	1,210	1,245	2.9
345	Minor small & large bowel procedures w cc	4,402	4,355	-1.1
346	Minor small & large bowel procedures w/o cc/mcc	3,577	3,495	-2.3
347	Anal & stomal procedures w mcc	1,955	1,965	0.5
348	Anal & stomal procedures w cc	5,626	5,255	-6.6
349	Anal & stomal procedures w/o cc/mcc	4,379	4,105	-6.3
350	Inguinal & femoral hernia procedures w mcc	2,220	2,140	-3.6
351	Inguinal & femoral hernia procedures w cc	5,590	5,460	-2.3
352	Inguinal & femoral hernia procedures w/o cc/mcc	7,092	6,540	-7.8
353	Hernia procedures except inguinal & femoral w mcc	4,528	4,330	-4.4
354	Hernia procedures except inguinal & femoral w cc	12,837	12,280	-4.3
355	Hernia procedures except inguinal & femoral w/o cc/mcc	14,893	13,305	-10.7
356	Other digestive system O.R. procedures w mcc	9,856	9,370	-4.9

MS-DRG#	MS-DRG	Discharges, N		Percent Difference
		CMS	HCUP NIS	
357	Other digestive system O.R. procedures w cc	9,730	9,320	-4.2
358	Other digestive system O.R. procedures w/o cc/mcc	2,568	2,530	-1.5
368	Major esophageal disorders w mcc	4,492	4,520	0.6
369	Major esophageal disorders w cc	7,047	6,895	-2.2
370	Major esophageal disorders w/o cc/mcc	1,999	1,940	-3.0
371	Major gastrointestinal disorders & peritoneal infections w mcc	31,115	29,435	-5.4
372	Major gastrointestinal disorders & peritoneal infections w cc	49,209	49,215	0.0
373	Major gastrointestinal disorders & peritoneal infections w/o cc/mcc	15,861	15,765	-0.6
374	Digestive malignancy w mcc	11,410	11,190	-1.9
375	Digestive malignancy w cc	22,490	21,945	-2.4
376	Digestive malignancy w/o cc/mcc	2,939	2,970	1.1
377	G.I. hemorrhage w mcc	70,101	68,765	-1.9
378	G.I. hemorrhage w cc	190,022	187,515	-1.3
379	G.I. hemorrhage w/o cc/mcc	54,285	51,995	-4.2
380	Complicated peptic ulcer w mcc	3,820	3,745	-2.0
381	Complicated peptic ulcer w cc	7,739	7,675	-0.8
382	Complicated peptic ulcer w/o cc/mcc	2,846	2,620	-7.9
383	Uncomplicated peptic ulcer w mcc	1,428	1,400	-2.0
384	Uncomplicated peptic ulcer w/o mcc	9,020	8,275	-8.3
385	Inflammatory bowel disease w mcc	2,833	2,865	1.1
386	Inflammatory bowel disease w cc	11,494	11,125	-3.2
387	Inflammatory bowel disease w/o cc/mcc	5,519	5,160	-6.5
388	G.I. obstruction w mcc	24,242	23,640	-2.5
389	G.I. obstruction w cc	72,829	71,605	-1.7
390	G.I. obstruction w/o cc/mcc	55,623	53,785	-3.3
391	Esophagitis, gastroent & misc digest disorders w mcc	63,509	61,165	-3.7
392	Esophagitis, gastroent & misc digest disorders w/o mcc	330,175	320,465	-2.9
393	Other digestive system diagnoses w mcc	30,675	29,005	-5.4
394	Other digestive system diagnoses w cc	64,134	63,040	-1.7
395	Other digestive system diagnoses w/o cc/mcc	25,570	24,850	-2.8
405	Pancreas, liver & shunt procedures w mcc	5,854	5,890	0.6
406	Pancreas, liver & shunt procedures w cc	7,060	6,710	-5.0
407	Pancreas, liver & shunt procedures w/o cc/mcc	2,788	2,605	-6.6
408	Biliary tract proc except only cholecyst w or w/o c.d.e. w mcc	1,457	1,325	-9.1
409	Biliary tract proc except only cholecyst w or w/o c.d.e. w cc	1,397	1,340	-4.1
410	Biliary tract proc except only cholecyst w or w/o c.d.e. w/o cc/mcc	469	390	-16.8
411	Cholecystectomy w c.d.e. w mcc	665	595	-10.5

MS-DRG#	MS-DRG	Discharges, N		Percent Difference
		CMS	HCUP NIS	
412	Cholecystectomy w c.d.e. w cc	722	640	-11.4
413	Cholecystectomy w c.d.e. w/o cc/mcc	437	440	0.7
414	Cholecystectomy except by laparoscope w/o c.d.e. w mcc	4,774	4,425	-7.3
415	Cholecystectomy except by laparoscope w/o c.d.e. w cc	6,412	5,935	-7.4
416	Cholecystectomy except by laparoscope w/o c.d.e. w/o cc/mcc	4,314	3,945	-8.6
417	Laparoscopic cholecystectomy w/o c.d.e. w mcc	22,837	22,675	-0.7
418	Laparoscopic cholecystectomy w/o c.d.e. w cc	36,064	35,420	-1.8
419	Laparoscopic cholecystectomy w/o c.d.e. w/o cc/mcc	34,048	32,015	-6.0
420	Hepatobiliary diagnostic procedures w mcc	803	800	-0.4
421	Hepatobiliary diagnostic procedures w cc	1,088	1,005	-7.6
422	Hepatobiliary diagnostic procedures w/o cc/mcc	272	265	-2.6
423	Other hepatobiliary or pancreas O.R. procedures w mcc	1,793	1,760	-1.8
424	Other hepatobiliary or pancreas O.R. procedures w cc	967	980	1.3
425	Other hepatobiliary or pancreas O.R. procedures w/o cc/mcc	119	135	13.4
432	Cirrhosis & alcoholic hepatitis w mcc	15,102	14,870	-1.5
433	Cirrhosis & alcoholic hepatitis w cc	10,033	9,865	-1.7
434	Cirrhosis & alcoholic hepatitis w/o cc/mcc	391	435	11.3
435	Malignancy of hepatobiliary system or pancreas w mcc	16,624	16,215	-2.5
436	Malignancy of hepatobiliary system or pancreas w cc	15,165	14,700	-3.1
437	Malignancy of hepatobiliary system or pancreas w/o cc/mcc	2,458	2,590	5.4
438	Disorders of pancreas except malignancy w mcc	19,437	18,430	-5.2
439	Disorders of pancreas except malignancy w cc	38,014	36,880	-3.0
440	Disorders of pancreas except malignancy w/o cc/mcc	27,975	26,725	-4.5
441	Disorders of liver except malig,cirr,alc hepa w mcc	25,140	25,205	0.3
442	Disorders of liver except malig,cirr,alc hepa w cc	27,949	26,865	-3.9
443	Disorders of liver except malig,cirr,alc hepa w/o cc/mcc	6,318	6,320	0.0
444	Disorders of the biliary tract w mcc	16,720	16,500	-1.3
445	Disorders of the biliary tract w cc	25,505	25,350	-0.6
446	Disorders of the biliary tract w/o cc/mcc	15,086	14,975	-0.7
453	Combined anterior/posterior spinal fusion w mcc	1,821	1,770	-2.8
454	Combined anterior/posterior spinal fusion w cc	4,835	4,625	-4.3
455	Combined anterior/posterior spinal fusion w/o cc/mcc	4,302	4,080	-5.2
456	Spinal fus exc cerv w spinal curv/malig/infec or 9+ fus w mcc	1,712	1,755	2.5
457	Spinal fus exc cerv w spinal curv/malig/infec or 9+ fus w cc	4,690	4,530	-3.4
458	Spinal fus exc cerv w spinal curv/malig/infec or 9+ fus w/o cc/mcc	2,240	2,085	-6.9
459	Spinal fusion except cervical w mcc	5,646	5,470	-3.1
460	Spinal fusion except cervical w/o mcc	91,505	84,915	-7.2

MS-DRG#	MS-DRG	Discharges, N		Percent Difference
		CMS	HCUP NIS	
461	Bilateral or multiple major joint procs of lower extremity w mcc	594	810	36.4
462	Bilateral or multiple major joint procs of lower extremity w/o mcc	12,536	14,200	13.3
463	Wnd debrid & skn grft exc hand, for musculo-conn tiss dis w mcc	7,348	5,665	-22.9
464	Wnd debrid & skn grft exc hand, for musculo-conn tiss dis w cc	11,524	10,995	-4.6
465	Wnd debrid & skn grft exc hand, for musculo-conn tiss dis w/o cc/mcc	3,092	3,015	-2.5
466	Revision of hip or knee replacement w mcc	5,223	5,195	-0.5
467	Revision of hip or knee replacement w cc	30,028	28,650	-4.6
468	Revision of hip or knee replacement w/o cc/mcc	21,864	20,260	-7.3
469	Major joint replacement or reattachment of lower extremity w mcc	34,118	35,740	4.8
470	Major joint replacement or reattachment of lower extremity w/o mcc	576,788	547,955	-5.0
471	Cervical spinal fusion w mcc	4,263	4,110	-3.6
472	Cervical spinal fusion w cc	13,864	13,205	-4.8
473	Cervical spinal fusion w/o cc/mcc	37,029	33,145	-10.5
474	Amputation for musculoskeletal sys & conn tissue dis w mcc	3,877	3,625	-6.5
475	Amputation for musculoskeletal sys & conn tissue dis w cc	5,058	4,805	-5.0
476	Amputation for musculoskeletal sys & conn tissue dis w/o cc/mcc	1,469	1,415	-3.7
477	Biopsies of musculoskeletal system & connective tissue w mcc	3,364	3,355	-0.3
478	Biopsies of musculoskeletal system & connective tissue w cc	9,426	9,205	-2.3
479	Biopsies of musculoskeletal system & connective tissue w/o cc/mcc	4,008	3,710	-7.4
480	Hip & femur procedures except major joint w mcc	32,323	32,165	-0.5
481	Hip & femur procedures except major joint w cc	104,489	103,800	-0.7
482	Hip & femur procedures except major joint w/o cc/mcc	36,226	34,490	-4.8
483	Major joint & limb reattachment proc of upper extremity w cc/mcc	18,115	17,875	-1.3
484	Major joint & limb reattachment proc of upper extremity w/o cc/mcc	30,111	29,445	-2.2
485	Knee procedures w pdx of infection w mcc	1,553	1,395	-10.2
486	Knee procedures w pdx of infection w cc	3,576	3,530	-1.3
487	Knee procedures w pdx of infection w/o cc/mcc	1,451	1,260	-13.2
488	Knee procedures w/o pdx of infection w cc/mcc	4,556	4,135	-9.2
489	Knee procedures w/o pdx of infection w/o cc/mcc	5,834	5,295	-9.2
490	Back & neck proc exc spinal fusion w cc/mcc or disc device/neurostim	24,744	23,955	-3.2
491	Back & neck proc exc spinal fusion w/o cc/mcc	47,878	44,655	-6.7
492	Lower extrem & humer proc except hip,foot,femur w mcc	7,135	6,595	-7.6
493	Lower extrem & humer proc except hip,foot,femur w cc	27,206	25,780	-5.2
494	Lower extrem & humer proc except hip,foot,femur w/o cc/mcc	28,488	26,875	-5.7

MS-DRG#	MS-DRG	Discharges, N		Percent Difference
		CMS	HCUP NIS	
495	Local excision & removal int fix devices exc hip & femur w mcc	2,396	2,065	-13.8
496	Local excision & removal int fix devices exc hip & femur w cc	6,527	6,195	-5.1
497	Local excision & removal int fix devices exc hip & femur w/o cc/mcc	5,649	5,185	-8.2
498	Local excision & removal int fix devices of hip & femur w cc/mcc	1,703	1,560	-8.4
499	Local excision & removal int fix devices of hip & femur w/o cc/mcc	854	750	-12.2
500	Soft tissue procedures w mcc	2,855	2,295	-19.6
501	Soft tissue procedures w cc	7,005	6,675	-4.7
502	Soft tissue procedures w/o cc/mcc	5,974	5,695	-4.7
503	Foot procedures w mcc	1,340	1,170	-12.7
504	Foot procedures w cc	4,139	3,680	-11.1
505	Foot procedures w/o cc/mcc	2,684	2,375	-11.5
506	Major thumb or joint procedures	812	735	-9.5
507	Major shoulder or elbow joint procedures w cc/mcc	818	740	-9.5
508	Major shoulder or elbow joint procedures w/o cc/mcc	870	840	-3.4
509	Arthroscopy	265	190	-28.3
510	Shoulder,elbow or forearm proc,exc major joint proc w mcc	1,371	1,235	-9.9
511	Shoulder,elbow or forearm proc,exc major joint proc w cc	5,145	4,750	-7.7
512	Shoulder,elbow or forearm proc,exc major joint proc w/o cc/mcc	7,377	6,900	-6.5
513	Hand or wrist proc, except major thumb or joint proc w cc/mcc	1,919	1,835	-4.4
514	Hand or wrist proc, except major thumb or joint proc w/o cc/mcc	1,162	1,145	-1.5
515	Other musculoskelet sys & conn tiss O.R. proc w mcc	4,851	4,715	-2.8
516	Other musculoskelet sys & conn tiss O.R. proc w cc	12,483	12,245	-1.9
517	Other musculoskelet sys & conn tiss O.R. proc w/o cc/mcc	9,449	9,160	-3.1
533	Fractures of femur w mcc	1,051	1,055	0.4
534	Fractures of femur w/o mcc	4,381	4,130	-5.7
535	Fractures of hip & pelvis w mcc	9,907	9,895	-0.1
536	Fractures of hip & pelvis w/o mcc	42,408	39,675	-6.4
537	Sprains, strains, & dislocations of hip, pelvis & thigh w cc/mcc	1,018	945	-7.2
538	Sprains, strains, & dislocations of hip, pelvis & thigh w/o cc/mcc	650	655	0.8
539	Osteomyelitis w mcc	6,438	3,450	-46.4
540	Osteomyelitis w cc	6,073	5,125	-15.6
541	Osteomyelitis w/o cc/mcc	1,615	1,350	-16.4
542	Pathological fractures & musculoskelet & conn tiss malig w mcc	6,771	6,655	-1.7
543	Pathological fractures & musculoskelet & conn tiss malig w cc	18,730	18,300	-2.3
544	Pathological fractures & musculoskelet & conn tiss malig w/o cc/mcc	6,089	5,760	-5.4
545	Connective tissue disorders w mcc	4,778	4,505	-5.7

MS-DRG#	MS-DRG	Discharges, N		Percent Difference
		CMS	HCUP NIS	
546	Connective tissue disorders w cc	7,494	7,215	-3.7
547	Connective tissue disorders w/o cc/mcc	3,630	3,525	-2.9
548	Septic arthritis w mcc	1,008	670	-33.5
549	Septic arthritis w cc	1,958	1,755	-10.4
550	Septic arthritis w/o cc/mcc	786	745	-5.2
551	Medical back problems w mcc	15,990	15,275	-4.5
552	Medical back problems w/o mcc	91,169	87,050	-4.5
553	Bone diseases & arthropathies w mcc	3,249	3,100	-4.6
554	Bone diseases & arthropathies w/o mcc	25,441	22,570	-11.3
555	Signs & symptoms of musculoskeletal system & conn tissue w mcc	4,286	4,270	-0.4
556	Signs & symptoms of musculoskeletal system & conn tissue w/o mcc	23,410	23,960	2.3
557	Tendonitis, myositis & bursitis w mcc	5,840	5,695	-2.5
558	Tendonitis, myositis & bursitis w/o mcc	22,808	22,620	-0.8
559	Aftercare, musculoskeletal system & connective tissue w mcc	5,095	3,020	-40.7
560	Aftercare, musculoskeletal system & connective tissue w cc	8,853	8,535	-3.6
561	Aftercare, musculoskeletal system & connective tissue w/o cc/mcc	5,919	7,485	26.5
562	Fx, sprn, strn & disl except femur, hip, pelvis & thigh w mcc	7,658	7,355	-4.0
563	Fx, sprn, strn & disl except femur, hip, pelvis & thigh w/o mcc	39,095	37,385	-4.4
564	Other musculoskeletal sys & connective tissue diagnoses w mcc	3,041	2,345	-22.9
565	Other musculoskeletal sys & connective tissue diagnoses w cc	5,887	5,390	-8.4
566	Other musculoskeletal sys & connective tissue diagnoses w/o cc/mcc	1,889	2,060	9.1
570	Skin Debridement w mcc	7,514	5,340	-28.9
571	Debridement w cc	6,930	6,400	-7.6
572	Debridement w/o cc/mcc	3,115	2,850	-8.5
573	Skin graft &/or debrid for skn ulcer or cellulitis w mcc	3,878	3,120	-19.5
574	Skin graft &/or debrid for skn ulcer or cellulitis w cc	1,663	1,480	-11.0
575	Skin graft &/or debrid for skn ulcer or cellulitis w/o cc/mcc	642	565	-12.0
576	Skin graft &/or debrid exc for skin ulcer or cellulitis w mcc	595	570	-4.2
577	Skin graft &/or debrid exc for skin ulcer or cellulitis w cc	2,331	2,305	-1.1
578	Skin graft &/or debrid exc for skin ulcer or cellulitis w/o cc/mcc	2,591	2,380	-8.1
579	Other skin, subcut tiss & breast proc w mcc	8,328	6,815	-18.2
580	Other skin, subcut tiss & breast proc w cc	13,544	12,630	-6.7
581	Other skin, subcut tiss & breast proc w/o cc/mcc	12,338	11,270	-8.7
582	Mastectomy for malignancy w cc/mcc	4,876	4,475	-8.2
583	Mastectomy for malignancy w/o cc/mcc	7,094	6,605	-6.9

MS-DRG#	MS-DRG	Discharges, N		Percent Difference
		CMS	HCUP NIS	
584	Breast biopsy, local excision & other breast procedures w cc/mcc	1,028	930	-9.5
585	Breast biopsy, local excision & other breast procedures w/o cc/mcc	1,739	1,630	-6.3
592	Skin ulcers w mcc	12,506	7,720	-38.3
593	Skin ulcers w cc	8,635	7,495	-13.2
594	Skin ulcers w/o cc/mcc	1,293	1,145	-11.4
595	Major skin disorders w mcc	1,590	1,560	-1.9
596	Major skin disorders w/o mcc	6,088	5,680	-6.7
597	Malignant breast disorders w mcc	939	955	1.7
598	Malignant breast disorders w cc	2,137	2,155	0.8
599	Malignant breast disorders w/o cc/mcc	237	325	37.1
600	Non-malignant breast disorders w cc/mcc	1,554	1,430	-8.0
601	Non-malignant breast disorders w/o cc/mcc	1,021	1,000	-2.1
602	Cellulitis w mcc	35,480	33,595	-5.3
603	Cellulitis w/o mcc	196,150	188,725	-3.8
604	Trauma to the skin, subcut tiss & breast w mcc	3,720	3,590	-3.5
605	Trauma to the skin, subcut tiss & breast w/o mcc	22,999	22,400	-2.6
606	Minor skin disorders w mcc	2,266	2,090	-7.8
607	Minor skin disorders w/o mcc	9,581	9,165	-4.3
614	Adrenal & pituitary procedures w cc/mcc	2,163	2,000	-7.5
615	Adrenal & pituitary procedures w/o cc/mcc	1,802	1,685	-6.5
616	Amputat of lower limb for endocrine,nutrit,& metabol dis w mcc	2,310	2,150	-6.9
617	Amputat of lower limb for endocrine,nutrit,& metabol dis w cc	11,651	11,310	-2.9
618	Amputat of lower limb for endocrine,nutrit,& metabol dis w/o cc/mcc	150	185	23.3
619	O.R. procedures for obesity w mcc	1,051	1,085	3.2
620	O.R. procedures for obesity w cc	4,193	4,310	2.8
621	O.R. procedures for obesity w/o cc/mcc	13,189	12,920	-2.0
622	Skin grafts & wound debrid for endoc, nutrit & metab dis w mcc	1,729	1,355	-21.6
623	Skin grafts & wound debrid for endoc, nutrit & metab dis w cc	4,105	3,610	-12.1
624	Skin grafts & wound debrid for endoc, nutrit & metab dis w/o cc/mcc	283	230	-18.7
625	Thyroid, parathyroid & thyroglossal procedures w mcc	1,373	1,330	-3.1
626	Thyroid, parathyroid & thyroglossal procedures w cc	3,446	3,230	-6.3
627	Thyroid, parathyroid & thyroglossal procedures w/o cc/mcc	11,842	10,820	-8.6
628	Other endocrine, nutrit & metab O.R. proc w mcc	4,590	4,385	-4.5
629	Other endocrine, nutrit & metab O.R. proc w cc	6,977	6,465	-7.3
630	Other endocrine, nutrit & metab O.R. proc w/o cc/mcc	441	450	2.0
637	Diabetes w mcc	29,245	27,570	-5.7

MS-DRG#	MS-DRG	Discharges, N		Percent Difference
		CMS	HCUP NIS	
638	Diabetes w cc	73,176	69,275	-5.3
639	Diabetes w/o cc/mcc	28,467	26,765	-6.0
640	Nutritional & misc metabolic disorders w mcc	77,674	76,240	-1.8
641	Nutritional & misc metabolic disorders w/o mcc	196,348	192,050	-2.2
642	Inborn errors of metabolism	2,293	2,325	1.4
643	Endocrine disorders w mcc	9,022	9,005	-0.2
644	Endocrine disorders w cc	17,516	17,610	0.5
645	Endocrine disorders w/o cc/mcc	8,166	8,245	1.0
652	Kidney transplant	11,086	9,485	-14.4
653	Major bladder procedures w mcc	2,341	2,300	-1.8
654	Major bladder procedures w cc	5,263	5,200	-1.2
655	Major bladder procedures w/o cc/mcc	1,876	1,805	-3.8
656	Kidney & ureter procedures for neoplasm w mcc	4,571	4,290	-6.1
657	Kidney & ureter procedures for neoplasm w cc	11,439	11,210	-2.0
658	Kidney & ureter procedures for neoplasm w/o cc/mcc	9,562	9,305	-2.7
659	Kidney & ureter procedures for non-neoplasm w mcc	5,120	4,850	-5.3
660	Kidney & ureter procedures for non-neoplasm w cc	11,460	11,110	-3.1
661	Kidney & ureter procedures for non-neoplasm w/o cc/mcc	5,440	5,500	1.1
662	Minor bladder procedures w mcc	927	890	-4.0
663	Minor bladder procedures w cc	2,188	2,105	-3.8
664	Minor bladder procedures w/o cc/mcc	2,440	2,135	-12.5
665	Prostatectomy w mcc	734	700	-4.6
666	Prostatectomy w cc	2,209	2,035	-7.9
667	Prostatectomy w/o cc/mcc	2,057	1,825	-11.3
668	Transurethral procedures w mcc	4,496	4,350	-3.2
669	Transurethral procedures w cc	20,128	19,990	-0.7
670	Transurethral procedures w/o cc/mcc	8,140	7,680	-5.7
671	Urethral procedures w cc/mcc	951	910	-4.3
672	Urethral procedures w/o cc/mcc	698	610	-12.6
673	Other kidney & urinary tract procedures w mcc	14,051	12,695	-9.7
674	Other kidney & urinary tract procedures w cc	10,167	9,175	-9.8
675	Other kidney & urinary tract procedures w/o cc/mcc	2,152	1,970	-8.5
682	Renal failure w mcc	138,905	134,920	-2.9
683	Renal failure w cc	208,318	203,560	-2.3
684	Renal failure w/o cc/mcc	40,106	39,245	-2.1
685	Admit for renal dialysis	3,445	3,535	2.6
686	Kidney & urinary tract neoplasms w mcc	1,727	1,585	-8.2

MS-DRG#	MS-DRG	Discharges, N		Percent Difference
		CMS	HCUP NIS	
687	Kidney & urinary tract neoplasms w cc	4,171	4,130	-1.0
688	Kidney & urinary tract neoplasms w/o cc/mcc	707	790	11.7
689	Kidney & urinary tract infections w mcc	95,454	95,645	0.2
690	Kidney & urinary tract infections w/o mcc	271,893	267,200	-1.7
691	Urinary stones w esw lithotripsy w cc/mcc	1,298	1,210	-6.8
692	Urinary stones w esw lithotripsy w/o cc/mcc	351	320	-8.8
693	Urinary stones w/o esw lithotripsy w mcc	2,939	2,820	-4.0
694	Urinary stones w/o esw lithotripsy w/o mcc	24,507	23,400	-4.5
695	Kidney & urinary tract signs & symptoms w mcc	1,994	1,910	-4.2
696	Kidney & urinary tract signs & symptoms w/o mcc	14,200	13,900	-2.1
697	Urethral stricture	725	670	-7.6
698	Other kidney & urinary tract diagnoses w mcc	38,905	38,820	-0.2
699	Other kidney & urinary tract diagnoses w cc	40,422	40,255	-0.4
700	Other kidney & urinary tract diagnoses w/o cc/mcc	9,332	9,305	-0.3
707	Major male pelvic procedures w cc/mcc	6,308	5,675	-10.0
708	Major male pelvic procedures w/o cc/mcc	20,492	18,135	-11.5
709	Penis procedures w cc/mcc	946	875	-7.5
710	Penis procedures w/o cc/mcc	1,321	1,160	-12.2
711	Testes procedures w cc/mcc	833	780	-6.4
712	Testes procedures w/o cc/mcc	375	355	-5.3
713	Transurethral prostatectomy w cc/mcc	9,143	8,985	-1.7
714	Transurethral prostatectomy w/o cc/mcc	15,893	13,880	-12.7
715	Other male reproductive system O.R. proc for malignancy w cc/mcc	537	455	-15.3
716	Other male reproductive system O.R. proc for malignancy w/o cc/mcc	374	275	-26.5
717	Other male reproductive system O.R. proc exc malignancy w cc/mcc	1,010	940	-6.9
718	Other male reproductive system O.R. proc exc malignancy w/o cc/mcc	449	420	-6.5
722	Malignancy, male reproductive system w mcc	680	650	-4.4
723	Malignancy, male reproductive system w cc	2,092	2,030	-3.0
724	Malignancy, male reproductive system w/o cc/mcc	266	325	22.2
725	Benign prostatic hypertrophy w mcc	813	800	-1.6
726	Benign prostatic hypertrophy w/o mcc	5,325	5,330	0.1
727	Inflammation of the male reproductive system w mcc	2,157	1,980	-8.2
728	Inflammation of the male reproductive system w/o mcc	8,266	7,740	-6.4

MS-DRG#	MS-DRG	Discharges, N		Percent Difference
		CMS	HCUP NIS	
729	Other male reproductive system diagnoses w cc/mcc	1,185	1,090	-8.0
730	Other male reproductive system diagnoses w/o cc/mcc	383	335	-12.5
734	Pelvic evisceration, rad hysterectomy & rad vulvectomy w cc/mcc	2,000	1,965	-1.8
735	Pelvic evisceration, rad hysterectomy & rad vulvectomy w/o cc/mcc	1,542	1,440	-6.6
736	Uterine & adnexa proc for ovarian or adnexal malignancy w mcc	1,074	1,155	7.5
737	Uterine & adnexa proc for ovarian or adnexal malignancy w cc	4,159	3,980	-4.3
738	Uterine & adnexa proc for ovarian or adnexal malignancy w/o cc/mcc	918	795	-13.4
739	Uterine,adnexa proc for non-ovarian/adnexal malig w mcc	1,099	1,050	-4.5
740	Uterine,adnexa proc for non-ovarian/adnexal malig w cc	5,497	5,240	-4.7
741	Uterine,adnexa proc for non-ovarian/adnexal malig w/o cc/mcc	6,191	5,805	-6.2
742	Uterine & adnexa proc for non-malignancy w cc/mcc	11,696	10,695	-8.6
743	Uterine & adnexa proc for non-malignancy w/o cc/mcc	27,246	24,420	-10.4
744	D&C, conization, laparoscopy & tubal interruption w cc/mcc	2,072	2,110	1.8
745	D&C, conization, laparoscopy & tubal interruption w/o cc/mcc	1,101	1,045	-5.1
746	Vagina, cervix & vulva procedures w cc/mcc	2,742	2,640	-3.7
747	Vagina, cervix & vulva procedures w/o cc/mcc	5,853	5,275	-9.9
748	Female reproductive system reconstructive procedures	12,261	10,935	-10.8
749	Other female reproductive system O.R. procedures w cc/mcc	1,404	1,300	-7.4
750	Other female reproductive system O.R. procedures w/o cc/mcc	416	375	-9.9
754	Malignancy, female reproductive system w mcc	1,692	1,590	-6.0
755	Malignancy, female reproductive system w cc	4,440	4,355	-1.9
756	Malignancy, female reproductive system w/o cc/mcc	466	500	7.3
757	Infections, female reproductive system w mcc	1,781	1,610	-9.6
758	Infections, female reproductive system w cc	2,744	2,835	3.3
759	Infections, female reproductive system w/o cc/mcc	1,161	1,045	-10.0
760	Menstrual & other female reproductive system disorders w cc/mcc	2,667	2,740	2.7
761	Menstrual & other female reproductive system disorders w/o cc/mcc	1,207	1,205	-0.2
765	Cesarean section w cc/mcc	4,609	5,790	25.6
766	Cesarean section w/o cc/mcc	3,334	5,705	71.1
767	Vaginal delivery w sterilization &/or d&c	188	835	344.1
768	Vaginal delivery w O.R. proc except steril &/or d&c	14		
769	Postpartum & post abortion diagnoses w O.R. procedure	118	155	31.4
770	Abortion w d&c, aspiration curettage or hysterotomy	188	180	-4.3
774	Vaginal delivery w complicating diagnoses	2,375	3,225	35.8
775	Vaginal delivery w/o complicating diagnoses	7,411	13,220	78.4

MS-DRG#	MS-DRG	Discharges, N		Percent Difference
		CMS	HCUP NIS	
776	Postpartum & post abortion diagnoses w/o O.R. procedure	891	970	8.9
777	Ectopic pregnancy	267	300	12.4
778	Threatened abortion	564	735	30.3
779	Abortion w/o d&c	115	170	47.8
780	False labor	53	65	22.6
781	Other antepartum diagnoses w medical complications	4,459	4,720	5.9
782	Other antepartum diagnoses w/o medical complications	213	255	19.7
789	Neonates, died or transferred to another acute care facility	-	445	-
790	Extreme immaturity or respiratory distress syndrome, neonate	-	225	-
791	Prematurity w major problems	-	210	-
792	Prematurity w/o major problems	-	540	-
793	Full term neonate w major problems	-	425	-
794	Neonate w other significant problems	-	2,390	-
795	Normal newborn	-	8,925	-
799	Splenectomy w mcc	606	570	-5.9
800	Splenectomy w cc	697	670	-3.9
801	Splenectomy w/o cc/mcc	448	345	-23.0
802	Other O.R. proc of the blood & blood forming organs w mcc	1,076	1,095	1.8
803	Other O.R. proc of the blood & blood forming organs w cc	1,361	1,245	-8.5
804	Other O.R. proc of the blood & blood forming organs w/o cc/mcc	804	665	-17.3
808	Major hematomol/immun diag exc sickle cell crisis & coagul w mcc	10,924	10,515	-3.7
809	Major hematomol/immun diag exc sickle cell crisis & coagul w cc	26,171	24,680	-5.7
810	Major hematomol/immun diag exc sickle cell crisis & coagul w/o cc/mcc	4,396	4,190	-4.7
811	Red blood cell disorders w mcc	42,171	40,775	-3.3
812	Red blood cell disorders w/o mcc	125,846	120,100	-4.6
813	Coagulation disorders	12,503	12,330	-1.4
814	Reticuloendothelial & immunity disorders w mcc	2,000	1,995	-0.3
815	Reticuloendothelial & immunity disorders w cc	4,376	4,130	-5.6
816	Reticuloendothelial & immunity disorders w/o cc/mcc	1,844	1,740	-5.6
820	Lymphoma & leukemia w major O.R. procedure w mcc	1,539	1,485	-3.5
821	Lymphoma & leukemia w major O.R. procedure w cc	2,328	2,245	-3.6
822	Lymphoma & leukemia w major O.R. procedure w/o cc/mcc	2,138	2,050	-4.1
823	Lymphoma & non-acute leukemia w other O.R. proc w mcc	2,356	2,305	-2.2
824	Lymphoma & non-acute leukemia w other O.R. proc w cc	3,572	3,275	-8.3
825	Lymphoma & non-acute leukemia w other O.R. proc w/o cc/mcc	1,451	1,460	0.6
826	Myeloprolif disord or poorly diff neopl w maj O.R. proc w mcc	813	790	-2.8

MS-DRG#	MS-DRG	Discharges, N		Percent Difference
		CMS	HCUP NIS	
827	Myeloprolif disord or poorly diff neopl w maj O.R. proc w cc	1,899	1,890	-0.5
828	Myeloprolif disord or poorly diff neopl w maj O.R. proc w/o cc/mcc	1,229	1,185	-3.6
829	Myeloprolif disord or poorly diff neopl w other O.R. proc w cc/mcc	1,623	1,585	-2.3
830	Myeloprolif disord or poorly diff neopl w other O.R. proc w/o cc/mcc	453	440	-2.9
834	Acute leukemia w/o major O.R. procedure w mcc	5,075	5,330	5.0
835	Acute leukemia w/o major O.R. procedure w cc	3,721	3,655	-1.8
836	Acute leukemia w/o major O.R. procedure w/o cc/mcc	1,331	1,385	4.1
837	Chemo w acute leukemia as sdx or w high dose chemo agent w mcc	2,303	2,320	0.7
838	Chemo w acute leukemia as sdx w cc or high dose chemo agent	2,004	2,120	5.8
839	Chemo w acute leukemia as sdx w/o cc/mcc	1,807	1,830	1.3
840	Lymphoma & non-acute leukemia w mcc	10,064	9,970	-0.9
841	Lymphoma & non-acute leukemia w cc	12,513	12,485	-0.2
842	Lymphoma & non-acute leukemia w/o cc/mcc	3,999	3,860	-3.5
843	Other myeloprolif dis or poorly diff neopl diag w mcc	2,235	2,230	-0.2
844	Other myeloprolif dis or poorly diff neopl diag w cc	3,698	3,505	-5.2
845	Other myeloprolif dis or poorly diff neopl diag w/o cc/mcc	799	850	6.4
846	Chemotherapy w/o acute leukemia as secondary diagnosis w mcc	3,486	3,345	-4.0
847	Chemotherapy w/o acute leukemia as secondary diagnosis w cc	26,431	24,565	-7.1
848	Chemotherapy w/o acute leukemia as secondary diagnosis w/o cc/mcc	1,302	1,345	3.3
849	Radiotherapy	1,072	965	-10.0
853	Infectious & parasitic diseases w O.R. procedure w mcc	62,895	60,990	-3.0
854	Infectious & parasitic diseases w O.R. procedure w cc	13,568	13,645	0.6
855	Infectious & parasitic diseases w O.R. procedure w/o cc/mcc	412	430	4.4
856	Postoperative or post-traumatic infections w O.R. proc w mcc	8,063	7,295	-9.5
857	Postoperative or post-traumatic infections w O.R. proc w cc	12,390	11,705	-5.5
858	Postoperative or post-traumatic infections w O.R. proc w/o cc/mcc	2,549	2,345	-8.0
862	Postoperative & post-traumatic infections w mcc	15,213	12,815	-15.8
863	Postoperative & post-traumatic infections w/o mcc	27,298	25,400	-7.0
864	Fever	23,868	22,625	-5.2
865	Viral illness w mcc	3,107	3,235	4.1
866	Viral illness w/o mcc	8,748	9,005	2.9
867	Other infectious & parasitic diseases diagnoses w mcc	6,906	6,675	-3.3
868	Other infectious & parasitic diseases diagnoses w cc	3,320	3,195	-3.8
869	Other infectious & parasitic diseases diagnoses w/o cc/mcc	903	870	-3.7
870	Septicemia or severe sepsis w mv 96+ hours	40,440	39,355	-2.7

MS-DRG#	MS-DRG	Discharges, N		Percent Difference
		CMS	HCUP NIS	
871	Septicemia or severe sepsis w/o mv 96+ hours w mcc	449,700	456,670	1.5
872	Septicemia or severe sepsis w/o mv 96+ hours w/o mcc	165,200	167,300	1.3
876	O.R. procedure w principal diagnoses of mental illness	1,241	1,095	-11.8
880	Acute adjustment reaction & psychosocial dysfunction	13,549	12,485	-7.9
881	Depressive neuroses	23,684	18,390	-22.4
882	Neuroses except depressive	8,478	5,740	-32.3
883	Disorders of personality & impulse control	3,208	2,230	-30.5
884	Organic disturbances & mental retardation	57,228	51,110	-10.7
885	Psychoses	485,240	336,965	-30.6
886	Behavioral & developmental disorders	2,534	1,665	-34.3
887	Other mental disorder diagnoses	1,104	715	-35.2
894	Alcohol/drug abuse or dependence, left ama	7,863	5,975	-24.0
895	Alcohol/drug abuse or dependence w rehabilitation therapy	15,247	6,265	-58.9
896	Alcohol/drug abuse or dependence w/o rehabilitation therapy w mcc	10,947	10,320	-5.7
897	Alcohol/drug abuse or dependence w/o rehabilitation therapy w/o mcc	74,447	53,565	-28.0
901	Wound debridements for injuries w mcc	1,327	850	-35.9
902	Wound debridements for injuries w cc	2,392	2,075	-13.3
903	Wound debridements for injuries w/o cc/mcc	995	920	-7.5
904	Skin grafts for injuries w cc/mcc	2,704	2,430	-10.1
905	Skin grafts for injuries w/o cc/mcc	1,012	955	-5.6
906	Hand procedures for injuries	1,031	980	-4.9
907	Other O.R. procedures for injuries w mcc	11,285	10,545	-6.6
908	Other O.R. procedures for injuries w cc	12,148	11,950	-1.6
909	Other O.R. procedures for injuries w/o cc/mcc	5,963	5,620	-5.8
913	Traumatic injury w mcc	1,296	1,275	-1.6
914	Traumatic injury w/o mcc	7,522	6,925	-7.9
915	Allergic reactions w mcc	2,515	2,550	1.4
916	Allergic reactions w/o mcc	8,448	8,005	-5.2
917	Poisoning & toxic effects of drugs w mcc	34,002	34,610	1.8
918	Poisoning & toxic effects of drugs w/o mcc	47,113	45,115	-4.2
919	Complications of treatment w mcc	16,948	14,310	-15.6
920	Complications of treatment w cc	21,172	19,995	-5.6
921	Complications of treatment w/o cc/mcc	8,243	8,135	-1.3
922	Other injury, poisoning & toxic effect diag w mcc	1,507	1,425	-5.4
923	Other injury, poisoning & toxic effect diag w/o mcc	3,772	3,670	-2.7

MS-DRG#	MS-DRG	Discharges, N		Percent Difference
		CMS	HCUP NIS	
927	Extensive burns or full thickness burns w mv 96+ hrs w skin graft	213	190	-10.8
928	Full thickness burn w skin graft or inhal inj w cc/mcc	1,305	1,210	-7.3
929	Full thickness burn w skin graft or inhal inj w/o cc/mcc	481	410	-14.8
933	Extensive burns or full thickness burns w mv 96+ hrs w/o skin graft	185	160	-13.5
934	Full thickness burn w/o skin grft or inhal inj	813	765	-5.9
935	Non-extensive burns	2,932	2,435	-17.0
939	O.R. proc w diagnoses of other contact w health services w mcc	2,685	2,100	-21.8
940	O.R. proc w diagnoses of other contact w health services w cc	3,695	3,320	-10.1
941	O.R. proc w diagnoses of other contact w health services w/o cc/mcc	1,607	1,370	-14.7
945	Rehabilitation w cc/mcc	335,617	217,660	-35.1
946	Rehabilitation w/o cc/mcc	73,967	55,405	-25.1
947	Signs & symptoms w mcc	18,330	18,550	1.2
948	Signs & symptoms w/o mcc	76,565	76,500	-0.1
949	Aftercare w cc/mcc	4,460	4,160	-6.7
950	Aftercare w/o cc/mcc	559	1,155	106.6
951	Other factors influencing health status	2,017	7,530	273.3
955	Craniotomy for multiple significant trauma	591	450	-23.9
956	Limb reattachment, hip & femur proc for multiple significant trauma	6,011	5,855	-2.6
957	Other O.R. procedures for multiple significant trauma w mcc	2,341	1,710	-27.0
958	Other O.R. procedures for multiple significant trauma w cc	1,694	1,515	-10.6
959	Other O.R. procedures for multiple significant trauma w/o cc/mcc	240	210	-12.5
963	Other multiple significant trauma w mcc	2,783	2,265	-18.6
964	Other multiple significant trauma w cc	4,365	3,455	-20.8
965	Other multiple significant trauma w/o cc/mcc	1,214	1,135	-6.5
969	HIV w extensive O.R. procedure w mcc	661	595	-10.0
970	HIV w extensive O.R. procedure w/o mcc	87	70	-19.5
974	HIV w major related condition w mcc	6,220	5,585	-10.2
975	HIV w major related condition w cc	4,229	4,175	-1.3
976	HIV w major related condition w/o cc/mcc	1,414	1,325	-6.3
977	HIV w or w/o other related condition	3,307	3,105	-6.1
981	Extensive O.R. procedure unrelated to principal diagnosis w mcc	31,012	28,860	-6.9
982	Extensive O.R. procedure unrelated to principal diagnosis w cc	22,216	20,330	-8.5
983	Extensive O.R. procedure unrelated to principal diagnosis w/o cc/mcc	5,346	5,035	-5.8
984	Prostatic O.R. procedure unrelated to principal diagnosis w mcc	577	580	0.5
985	Prostatic O.R. procedure unrelated to principal diagnosis w cc	1,069	1,005	-6.0

MS-DRG#	MS-DRG	Discharges, N		Percent Difference
		CMS	HCUP NIS	
986	Prostatic O.R. procedure unrelated to principal diagnosis w/o cc/mcc	513	485	-5.5
987	Non-extensive O.R. proc unrelated to principal diagnosis w mcc	10,154	8,960	-11.8
988	Non-extensive O.R. proc unrelated to principal diagnosis w cc	11,627	10,435	-10.3
989	Non-extensive O.R. proc unrelated to principal diagnosis w/o cc/mcc	3,929	3,395	-13.6
999	Ungroupable	152	13,490	8775.0

Source: Fiscal Year 2012 100% Medpar Short Stay Hospital Inpatient by DRG tables received by email from CMS on March 12, 2015.

Abbreviations: cc, complications or comorbidities; CMS, Centers for Medicare & Medicaid Services; G.I., gastrointestinal; HCUP, Healthcare Cost and Utilization Project, mcc, major complications or comorbidities; NIS, National Inpatient Sample; O.R., operating room; ptca, percutaneous transluminal coronary angioplasty

Appendix B

Differences in Medicare Discharge Counts Between Estimates from HCUP NIS and Reports from CMS MedPAR Data, Sorted From Highest to Lowest Estimated Number of NIS Discharges, 2012

Rank	MS-DRG	Discharges, N		Percent Difference
		CMS	HCUP NIS	
1	470 Major joint replacement or reattachment of lower extremity w/o mcc	576,788	547,955	-5.0
2	871 Septicemia or severe sepsis w/o mv 96+ hours w mcc	449,700	456,670	1.5
3	885 Psychoses	485,240	336,965	-30.6
4	392 Esophagitis, gastroent & misc digest disorders w/o mcc	330,175	320,465	-2.9
5	292 Heart failure & shock w cc	283,817	279,010	-1.7
6	690 Kidney & urinary tract infections w/o mcc	271,893	267,200	-1.7
7	194 Simple pneumonia & pleurisy w cc	253,195	253,290	0.0
8	291 Heart failure & shock w mcc	240,663	239,035	-0.7
9	945 Rehabilitation w cc/mcc	335,617	217,660	-35.1
10	683 Renal failure w cc	208,318	203,560	-2.3
11	641 Nutritional & misc metabolic disorders w/o mcc	196,348	192,050	-2.2
12	190 Chronic obstructive pulmonary disease w mcc	191,095	191,650	0.3
13	603 Cellulitis w/o mcc	196,150	188,725	-3.8
14	378 G.I. hemorrhage w cc	190,022	187,515	-1.3
15	191 Chronic obstructive pulmonary disease w cc	187,438	186,880	-0.3
16	312 Syncope & collapse	185,520	177,500	-4.3
17	313 Chest pain	175,802	172,520	-1.9
18	193 Simple pneumonia & pleurisy w mcc	168,484	170,450	1.2
19	872 Septicemia or severe sepsis w/o mv 96+ hours w/o mcc	165,200	167,300	1.3
20	310 Cardiac arrhythmia & conduction disorders w/o cc/mcc	156,700	151,075	-3.6
21	192 Chronic obstructive pulmonary disease w/o cc/mcc	147,606	144,965	-1.8
22	65 Intracranial hemorrhage or cerebral infarction w cc	150,597	144,900	-3.8
23	247 Perc cardiovasc proc w drug-eluting stent w/o mcc	152,601	144,880	-5.1
24	309 Cardiac arrhythmia & conduction disorders w cc	144,130	142,590	-1.1
25	287 Circulatory disorders except ami, w card cath w/o mcc	148,467	141,460	-4.7
26	189 Pulmonary edema & respiratory failure	150,014	139,120	-7.3
27	682 Renal failure w mcc	138,905	134,920	-2.9
28	812 Red blood cell disorders w/o mcc	125,846	120,100	-4.6

Rank	MS-DRG		Discharges, N		Percent Difference
			CMS	HCUP NIS	
29	69	Transient ischemia	120,714	115,950	-3.9
30	293	Heart failure & shock w/o cc/mcc	117,900	114,680	-2.7
31	195	Simple pneumonia & pleurisy w/o cc/mcc	112,278	111,290	-0.9
32	481	Hip & femur procedures except major joint w cc	104,489	103,800	-0.7
33	689	Kidney & urinary tract infections w mcc	95,454	95,645	0.2
34	64	Intracranial hemorrhage or cerebral infarction w mcc	92,129	91,945	-0.2
35	208	Respiratory system diagnosis w ventilator support <96 hours	93,544	90,480	-3.3
36	308	Cardiac arrhythmia & conduction disorders w mcc	87,875	88,110	0.3
37	280	Acute myocardial infarction, discharged alive w mcc	87,327	87,970	0.7
38	177	Respiratory infections & inflammations w mcc	90,020	87,300	-3.0
39	552	Medical back problems w/o mcc	91,169	87,050	-4.5
40	460	Spinal fusion except cervical w/o mcc	91,505	84,915	-7.2
41	66	Intracranial hemorrhage or cerebral infarction w/o cc/mcc	86,967	83,315	-4.2
42	948	Signs & symptoms w/o mcc	76,565	76,500	-0.1
43	640	Nutritional & misc metabolic disorders w mcc	77,674	76,240	-1.8
44	330	Major small & large bowel procedures w cc	75,012	72,925	-2.8
45	57	Degenerative nervous system disorders w/o mcc	83,071	72,895	-12.2
46	178	Respiratory infections & inflammations w cc	72,979	71,920	-1.5
47	389	G.I. obstruction w cc	72,829	71,605	-1.7
48	638	Diabetes w cc	73,176	69,275	-5.3
49	377	G.I. hemorrhage w mcc	70,101	68,765	-1.9
50	101	Seizures w/o mcc	69,058	66,790	-3.3
51	281	Acute myocardial infarction, discharged alive w cc	64,518	63,940	-0.9
52	314	Other circulatory system diagnoses w mcc	68,084	63,285	-7.0
53	394	Other digestive system diagnoses w cc	64,134	63,040	-1.7
54	391	Esophagitis, gastroent & misc digest disorders w mcc	63,509	61,165	-3.7
55	853	Infectious & parasitic diseases w O.R. procedure w mcc	62,895	60,990	-3.0
56	300	Peripheral vascular disorders w cc	59,699	56,680	-5.1
57	946	Rehabilitation w/o cc/mcc	73,967	55,405	-25.1
58	176	Pulmonary embolism w/o mcc	56,057	54,160	-3.4
59	390	G.I. obstruction w/o cc/mcc	55,623	53,785	-3.3

Rank	MS-DRG	Discharges, N		Percent Difference
		CMS	HCUP NIS	
60	897 Alcohol/drug abuse or dependence w/o rehabilitation therapy w/o mcc	74,447	53,565	-28.0
61	329 Major small & large bowel procedures w mcc	55,139	53,420	-3.1
62	379 G.I. hemorrhage w/o cc/mcc	54,285	51,995	-4.2
63	253 Other vascular procedures w cc	53,412	51,530	-3.5
64	884 Organic disturbances & mental retardation	57,228	51,110	-10.7
65	372 Major gastrointestinal disorders & peritoneal infections w cc	49,209	49,215	0.0
66	202 Bronchitis & asthma w cc/mcc	49,319	48,730	-1.2
67	238 Major cardiovasc procedures w/o mcc	47,309	45,705	-3.4
68	305 Hypertension w/o mcc	46,393	45,470	-2.0
69	918 Poisoning & toxic effects of drugs w/o mcc	47,113	45,115	-4.2
70	491 Back & neck proc exc spinal fusion w/o cc/mcc	47,878	44,655	-6.7
71	39 Extracranial procedures w/o cc/mcc	46,972	44,610	-5.0
72	303 Atherosclerosis w/o mcc	46,462	43,630	-6.1
73	252 Other vascular procedures w mcc	45,039	43,300	-3.9
74	243 Permanent cardiac pacemaker implant w cc	43,029	42,680	-0.8
75	282 Acute myocardial infarction, discharged alive w/o cc/mcc	41,326	40,895	-1.0
76	811 Red blood cell disorders w mcc	42,171	40,775	-3.3
77	251 Perc cardiovasc proc w/o coronary artery stent w/o mcc	41,154	40,545	-1.5
78	699 Other kidney & urinary tract diagnoses w cc	40,422	40,255	-0.4
79	536 Fractures of hip & pelvis w/o mcc	42,408	39,675	-6.4
80	246 Perc cardiovasc proc w drug-eluting stent w mcc or 4+ vessels/stents	40,653	39,655	-2.5
81	207 Respiratory system diagnosis w ventilator support 96+ hours	58,338	39,390	-32.5
82	870 Septicemia or severe sepsis w mv 96+ hours	40,440	39,355	-2.7
83	684 Renal failure w/o cc/mcc	40,106	39,245	-2.1
84	698 Other kidney & urinary tract diagnoses w mcc	38,905	38,820	-0.2
85	149 Dysequilibrium	40,050	38,715	-3.3
86	244 Permanent cardiac pacemaker implant w/o cc/mcc	39,874	38,380	-3.7
87	254 Other vascular procedures w/o cc/mcc	40,577	38,175	-5.9
88	563 Fx, sprn, strn & disl except femur, hip, pelvis & thigh w/o mcc	39,095	37,385	-4.4
89	439 Disorders of pancreas except malignancy w cc	38,014	36,880	-3.0

Rank	MS-DRG		Discharges, N		Percent Difference
			CMS	HCUP NIS	
90	74	Cranial & peripheral nerve disorders w/o mcc	38,747	36,750	-5.2
91	249	Perc cardiovasc proc w non-drug-eluting stent w/o mcc	40,048	36,560	-8.7
92	469	Major joint replacement or reattachment of lower extremity w mcc	34,118	35,740	4.8
93	418	Laparoscopic cholecystectomy w/o c.d.e. w cc	36,064	35,420	-1.8
94	917	Poisoning & toxic effects of drugs w mcc	34,002	34,610	1.8
95	482	Hip & femur procedures except major joint w/o cc/mcc	36,226	34,490	-4.8
96	286	Circulatory disorders except ami, w card cath w mcc	34,853	34,145	-2.0
97	315	Other circulatory system diagnoses w cc	35,372	34,025	-3.8
98	602	Cellulitis w mcc	35,480	33,595	-5.3
99	473	Cervical spinal fusion w/o cc/mcc	37,029	33,145	-10.5
100	331	Major small & large bowel procedures w/o cc/mcc	34,493	32,525	-5.7
101	480	Hip & femur procedures except major joint w mcc	32,323	32,165	-0.5
102	419	Laparoscopic cholecystectomy w/o c.d.e. w/o cc/mcc	34,048	32,015	-6.0
103	301	Peripheral vascular disorders w/o cc/mcc	33,288	31,535	-5.3
104	203	Bronchitis & asthma w/o cc/mcc	32,569	31,500	-3.3
105	484	Major joint & limb reattachment proc of upper extremity w/o cc/mcc	30,111	29,445	-2.2
106	371	Major gastrointestinal disorders & peritoneal infections w mcc	31,115	29,435	-5.4
107	393	Other digestive system diagnoses w mcc	30,675	29,005	-5.4
108	981	Extensive O.R. procedure unrelated to principal diagnosis w mcc	31,012	28,860	-6.9
109	467	Revision of hip or knee replacement w cc	30,028	28,650	-4.6
110	100	Seizures w mcc	28,460	28,305	-0.5
111	637	Diabetes w mcc	29,245	27,570	-5.7
112	181	Respiratory neoplasms w cc	28,582	27,195	-4.9
113	180	Respiratory neoplasms w mcc	27,147	27,015	-0.5
114	494	Lower extrem & humer proc except hip,foot,femur w/o cc/mcc	28,488	26,875	-5.7
115	220	Cardiac valve & oth maj cardiothoracic proc w/o card cath w cc	27,486	26,865	-2.3
116	442	Disorders of liver except malig,cirr,alc hepa w cc	27,949	26,865	-3.9

Rank	MS-DRG		Discharges, N		Percent Difference
			CMS	HCUP NIS	
117	639	Diabetes w/o cc/mcc	28,467	26,765	-6.0
118	92	Other disorders of nervous system w cc	26,981	26,745	-0.9
119	440	Disorders of pancreas except malignancy w/o cc/mcc	27,975	26,725	-4.5
120	299	Peripheral vascular disorders w mcc	27,791	26,195	-5.7
121	493	Lower extrem & humer proc except hip,foot,femur w cc	27,206	25,780	-5.2
122	234	Coronary bypass w cardiac cath w/o mcc	28,078	25,670	-8.6
123	204	Respiratory signs & symptoms	26,974	25,460	-5.6
124	863	Postoperative & post-traumatic infections w/o mcc	27,298	25,400	-7.0
125	166	Other resp system O.R. procedures w mcc	27,994	25,365	-9.4
126	445	Disorders of the biliary tract w cc	25,505	25,350	-0.6
127	236	Coronary bypass w/o cardiac cath w/o mcc	26,572	25,265	-4.9
128	441	Disorders of liver except malig,cirr,alc hepa w mcc	25,140	25,205	0.3
129	237	Major cardiovasc procedures w mcc or thoracic aortic aneurysm repair	25,575	25,015	-2.2
130	395	Other digestive system diagnoses w/o cc/mcc	25,570	24,850	-2.8
131	809	Major hematomol/immun diag exc sickle cell crisis & coagul w cc	26,171	24,680	-5.7
132	847	Chemotherapy w/o acute leukemia as secondary diagnosis w cc	26,431	24,565	-7.1
133	743	Uterine & adnexa proc for non-malignancy w/o cc/mcc	27,246	24,420	-10.4
134	4	Trach w mv 96+ hrs or pdx exc face, mouth & neck w/o maj O.R.	26,996	24,250	-10.2
135	556	Signs & symptoms of musculoskeletal system & conn tissue w/o mcc	23,410	23,960	2.3
136	490	Back & neck proc exc spinal fusion w cc/mcc or disc device/neurostim	24,744	23,955	-3.2
137	206	Other respiratory system diagnoses w/o mcc	24,522	23,710	-3.3
138	388	G.I. obstruction w mcc	24,242	23,640	-2.5
139	3	Ecmo or trach w mv 96+ hrs or pdx exc face, mouth & neck w maj O.R.	24,224	23,470	-3.1
140	694	Urinary stones w/o esw lithotripsy w/o mcc	24,507	23,400	-4.5
141	227	Cardiac defibrillator implant w/o cardiac cath w/o mcc	24,764	23,370	-5.6
142	164	Major chest procedures w cc	23,724	23,125	-2.5

Rank	MS-DRG		Discharges, N		Percent Difference
			CMS	HCUP NIS	
143	417	Laparoscopic cholecystectomy w/o c.d.e. w mcc	22,837	22,675	-0.7
144	242	Permanent cardiac pacemaker implant w mcc	22,690	22,660	-0.1
145	864	Fever	23,868	22,625	-5.2
146	558	Tendonitis, myositis & bursitis w/o mcc	22,808	22,620	-0.8
147	175	Pulmonary embolism w mcc	23,371	22,595	-3.3
148	554	Bone diseases & arthropathies w/o mcc	25,441	22,570	-11.3
149	605	Trauma to the skin, subcut tiss & breast w/o mcc	22,999	22,400	-2.6
150	219	Cardiac valve & oth maj cardiothoracic proc w/o card cath w mcc	22,183	22,180	0.0
151	264	Other circulatory system O.R. procedures	24,010	21,970	-8.5
152	375	Digestive malignancy w cc	22,490	21,945	-2.4
153	86	Traumatic stupor & coma, coma <1 hr w cc	22,189	21,325	-3.9
154	71	Nonspecific cerebrovascular disorders w cc	21,489	20,665	-3.8
155	982	Extensive O.R. procedure unrelated to principal diagnosis w cc	22,216	20,330	-8.5
156	468	Revision of hip or knee replacement w/o cc/mcc	21,864	20,260	-7.3
157	25	Craniotomy & endovascular intracranial procedures w mcc	20,114	20,125	0.1
158	920	Complications of treatment w cc	21,172	19,995	-5.6
159	669	Transurethral procedures w cc	20,128	19,990	-0.7
160	167	Other resp system O.R. procedures w cc	20,512	19,585	-4.5
161	947	Signs & symptoms w mcc	18,330	18,550	1.2
162	438	Disorders of pancreas except malignancy w mcc	19,437	18,430	-5.2
163	881	Depressive neuroses	23,684	18,390	-22.4
164	543	Pathological fractures & musculoskelet & conn tiss malig w cc	18,730	18,300	-2.3
165	179	Respiratory infections & inflammations w/o cc/mcc	18,207	18,165	-0.2
166	708	Major male pelvic procedures w/o cc/mcc	20,492	18,135	-11.5
167	483	Major joint & limb reattachment proc of upper extremity w cc/mcc	18,115	17,875	-1.3
168	87	Traumatic stupor & coma, coma <1 hr w/o cc/mcc	18,450	17,790	-3.6
169	153	Otitis media & uri w/o mcc	14,100	17,655	25.2
170	644	Endocrine disorders w cc	17,516	17,610	0.5
171	70	Nonspecific cerebrovascular disorders w mcc	17,080	17,050	-0.2
172	336	Peritoneal adhesiolysis w cc	17,274	16,705	-3.3
173	103	Headaches w/o mcc	17,434	16,540	-5.1
174	444	Disorders of the biliary tract w mcc	16,720	16,500	-1.3

Rank	MS-DRG		Discharges, N		Percent Difference
			CMS	HCUP NIS	
175	233	Coronary bypass w cardiac cath w mcc	17,413	16,230	-6.8
176	435	Malignancy of hepatobiliary system or pancreas w mcc	16,624	16,215	-2.5
177	38	Extracranial procedures w cc	16,737	16,210	-3.1
178	163	Major chest procedures w mcc	16,220	15,840	-2.3
179	373	Major gastrointestinal disorders & peritoneal infections w/o cc/mcc	15,861	15,765	-0.6
180	93	Other disorders of nervous system w/o cc/mcc	15,699	15,705	0.0
181	248	Perc cardiovasc proc w non-drug-eluting stent w mcc or 4+ ves/stents	16,438	15,285	-7.0
182	551	Medical back problems w mcc	15,990	15,275	-4.5
183	446	Disorders of the biliary tract w/o cc/mcc	15,086	14,975	-0.7
184	56	Degenerative nervous system disorders w mcc	16,098	14,920	-7.3
185	432	Cirrhosis & alcoholic hepatitis w mcc	15,102	14,870	-1.5
186	436	Malignancy of hepatobiliary system or pancreas w cc	15,165	14,700	-3.1
187	27	Craniotomy & endovascular intracranial procedures w/o cc/mcc	14,832	14,445	-2.6
188	283	Acute myocardial infarction, expired w mcc	14,404	14,335	-0.5
189	919	Complications of treatment w mcc	16,948	14,310	-15.6
190	311	Angina pectoris	16,126	14,250	-11.6
191	91	Other disorders of nervous system w mcc	14,528	14,205	-2.2
192	462	Bilateral or multiple major joint procs of lower extremity w/o mcc	12,536	14,200	13.3
193	54	Nervous system neoplasms w mcc	14,113	14,165	0.4
194	696	Kidney & urinary tract signs & symptoms w/o mcc	14,200	13,900	-2.1
195	714	Transurethral prostatectomy w/o cc/mcc	15,893	13,880	-12.7
196	326	Stomach, esophageal & duodenal proc w mcc	14,237	13,715	-3.7
197	216	Cardiac valve & oth maj cardiothoracic proc w card cath w mcc	13,897	13,710	-1.3
198	854	Infectious & parasitic diseases w O.R. procedure w cc	13,568	13,645	0.6
199	327	Stomach, esophageal & duodenal proc w cc	13,829	13,570	-1.9
200	999	Ungroupable	152	13,490	8775.0
201	355	Hernia procedures except inguinal & femoral w/o cc/mcc	14,893	13,305	-10.7
202	186	Pleural effusion w mcc	13,534	13,245	-2.1

Rank	MS-DRG		Discharges, N		Percent Difference
			CMS	HCUP NIS	
203	775	Vaginal delivery w/o complicating diagnoses	7,411	13,220	78.4
204	472	Cervical spinal fusion w cc	13,864	13,205	-4.8
205	85	Traumatic stupor & coma, coma <1 hr w mcc	12,964	13,115	1.2
206	187	Pleural effusion w cc	13,201	13,090	-0.8
207	165	Major chest procedures w/o cc/mcc	13,730	13,040	-5.0
208	328	Stomach, esophageal & duodenal proc w/o cc/mcc	13,637	12,930	-5.2
209	621	O.R. procedures for obesity w/o cc/mcc	13,189	12,920	-2.0
210	862	Postoperative & post-traumatic infections w mcc	15,213	12,815	-15.8
211	673	Other kidney & urinary tract procedures w mcc	14,051	12,695	-9.7
212	580	Other skin, subcut tiss & breast proc w cc	13,544	12,630	-6.7
213	841	Lymphoma & non-acute leukemia w cc	12,513	12,485	-0.2
214	880	Acute adjustment reaction & psychosocial dysfunction	13,549	12,485	-7.9
215	55	Nervous system neoplasms w/o mcc	12,614	12,465	-1.2
216	813	Coagulation disorders	12,503	12,330	-1.4
217	354	Hernia procedures except inguinal & femoral w cc	12,837	12,280	-4.3
218	516	Other musculoskelet sys & conn tiss O.R. proc w cc	12,483	12,245	-1.9
219	26	Craniotomy & endovascular intracranial procedures w cc	12,917	12,215	-5.4
220	908	Other O.R. procedures for injuries w cc	12,148	11,950	-1.6
221	857	Postoperative or post-traumatic infections w O.R. proc w cc	12,390	11,705	-5.5
222	250	Perc cardiovasc proc w/o coronary artery stent w mcc	11,963	11,610	-3.0
223	240	Amputation for circ sys disorders exc upper limb & toe w cc	12,245	11,590	-5.3
224	617	Amputat of lower limb for endocrine,nutrit,& metabol dis w cc	11,651	11,310	-2.9
225	581	Other skin, subcut tiss & breast proc w/o cc/mcc	12,338	11,270	-8.7
226	657	Kidney & ureter procedures for neoplasm w cc	11,439	11,210	-2.0
227	374	Digestive malignancy w mcc	11,410	11,190	-1.9
228	386	Inflammatory bowel disease w cc	11,494	11,125	-3.2
229	660	Kidney & ureter procedures for non-neoplasm w cc	11,460	11,110	-3.1
230	239	Amputation for circ sys disorders exc upper limb & toe w mcc	11,930	10,995	-7.8
231	464	Wnd debrid & skn grft exc hand, for musculo-conn	11,524	10,995	-4.6

Rank	MS-DRG	Discharges, N		Percent Difference
		CMS	HCUP NIS	
	tiss dis w cc			
232	748 Female reproductive system reconstructive procedures	12,261	10,935	-10.8
233	627 Thyroid, parathyroid & thyroglossal procedures w/o cc/mcc	11,842	10,820	-8.6
234	200 Pneumothorax w cc	10,886	10,740	-1.3
235	316 Other circulatory system diagnoses w/o cc/mcc	11,330	10,720	-5.4
236	742 Uterine & adnexa proc for non-malignancy w cc/mcc	11,696	10,695	-8.6
237	235 Coronary bypass w/o cardiac cath w mcc	10,719	10,565	-1.4
238	907 Other O.R. procedures for injuries w mcc	11,285	10,545	-6.6
239	808 Major hematol/immun diag exc sickle cell crisis & coagul w mcc	10,924	10,515	-3.7
240	68 Nonspecific cva & precerebral occlusion w/o infarct w/o mcc	10,987	10,435	-5.0
241	988 Non-extensive O.R. proc unrelated to principal diagnosis w cc	11,627	10,435	-10.3
242	73 Cranial & peripheral nerve disorders w mcc	11,203	10,390	-7.3
243	896 Alcohol/drug abuse or dependence w/o rehabilitation therapy w mcc	10,947	10,320	-5.7
244	840 Lymphoma & non-acute leukemia w mcc	10,064	9,970	-0.9
245	535 Fractures of hip & pelvis w mcc	9,907	9,895	-0.1
246	433 Cirrhosis & alcoholic hepatitis w cc	10,033	9,865	-1.7
247	205 Other respiratory system diagnoses w mcc	10,524	9,805	-6.8
248	652 Kidney transplant	11,086	9,485	-14.4
249	337 Peritoneal adhesiolysis w/o cc/mcc	10,130	9,435	-6.9
250	356 Other digestive system O.R. procedures w mcc	9,856	9,370	-4.9
251	357 Other digestive system O.R. procedures w cc	9,730	9,320	-4.2
252	658 Kidney & ureter procedures for neoplasm w/o cc/mcc	9,562	9,305	-2.7
253	700 Other kidney & urinary tract diagnoses w/o cc/mcc	9,332	9,305	-0.3
254	196 Interstitial lung disease w mcc	9,684	9,290	-4.1
255	478 Biopsies of musculoskeletal system & connective tissue w cc	9,426	9,205	-2.3
256	674 Other kidney & urinary tract procedures w cc	10,167	9,175	-9.8
257	607 Minor skin disorders w/o mcc	9,581	9,165	-4.3
258	517 Other musculoskelet sys & conn tiss O.R. proc w/o	9,449	9,160	-3.1

Rank	MS-DRG		Discharges, N		Percent Difference
			CMS	HCUP NIS	
	cc/mcc				
259	643	Endocrine disorders w mcc	9,022	9,005	-0.2
260	866	Viral illness w/o mcc	8,748	9,005	2.9
261	713	Transurethral prostatectomy w cc/mcc	9,143	8,985	-1.7
262	335	Peritoneal adhesiolysis w mcc	9,111	8,960	-1.7
263	987	Non-extensive O.R. proc unrelated to principal diagnosis w mcc	10,154	8,960	-11.8
264	795	Normal newborn	-	8,925	-
265	184	Major chest trauma w cc	9,297	8,635	-7.1
266	41	Periph/cranial nerve & other nerv syst proc w cc or periph neurostim	9,024	8,600	-4.7
267	560	Aftercare, musculoskeletal system & connective tissue w cc	8,853	8,535	-3.6
268	384	Uncomplicated peptic ulcer w/o mcc	9,020	8,275	-8.3
269	645	Endocrine disorders w/o cc/mcc	8,166	8,245	1.0
270	921	Complications of treatment w/o cc/mcc	8,243	8,135	-1.3
271	916	Allergic reactions w/o mcc	8,448	8,005	-5.2
272	728	Inflammation of the male reproductive system w/o mcc	8,266	7,740	-6.4
273	592	Skin ulcers w mcc	12,506	7,720	-38.3
274	155	Other ear, nose, mouth & throat diagnoses w cc (after Oct 1, 2008)	7,812	7,705	-1.4
275	62	Acute ischemic stroke w use of thrombolytic agent w cc	7,658	7,680	0.3
276	670	Transurethral procedures w/o cc/mcc	8,140	7,680	-5.7
277	381	Complicated peptic ulcer w cc	7,739	7,675	-0.8
278	343	Appendectomy w/o complicated principal diag w/o cc/mcc	7,872	7,595	-3.5
279	81	Nontraumatic stupor & coma w/o mcc	8,191	7,550	-7.8
280	217	Cardiac valve & oth maj cardiothoracic proc w card cath w cc	7,914	7,530	-4.9
281	951	Other factors influencing health status	2,017	7,530	273.3
282	593	Skin ulcers w cc	8,635	7,495	-13.2
283	307	Cardiac congenital & valvular disorders w/o mcc	7,467	7,490	0.3
284	561	Aftercare, musculoskeletal system & connective tissue w/o cc/mcc	5,919	7,485	26.5
285	562	Fx, sprn, strn & disl except femur, hip, pelvis &	7,658	7,355	-4.0

Rank	MS-DRG	Discharges, N		Percent Difference
		CMS	HCUP NIS	
	thigh w mcc			
286	23 Cranio w major dev impl/acute complex cns pdx w mcc or chemo implant	7,022	7,325	4.3
287	856 Postoperative or post-traumatic infections w O.R. proc w mcc	8,063	7,295	-9.5
288	302 Atherosclerosis w mcc	7,588	7,220	-4.8
289	546 Connective tissue disorders w cc	7,494	7,215	-3.7
290	197 Interstitial lung disease w cc	7,313	7,185	-1.8
291	72 Nonspecific cerebrovascular disorders w/o cc/mcc	7,394	6,945	-6.1
292	914 Traumatic injury w/o mcc	7,522	6,925	-7.9
293	512 Shoulder,elbow or forearm proc,exc major joint proc w/o cc/mcc	7,377	6,900	-6.5
294	369 Major esophageal disorders w cc	7,047	6,895	-2.2
295	151 Epistaxis w/o mcc	7,057	6,880	-2.5
296	579 Other skin, subcut tiss & breast proc w mcc	8,328	6,815	-18.2
297	406 Pancreas, liver & shunt procedures w cc	7,060	6,710	-5.0
298	36 Carotid artery stent procedure w/o cc/mcc	7,068	6,675	-5.6
299	501 Soft tissue procedures w cc	7,005	6,675	-4.7
300	867 Other infectious & parasitic diseases diagnoses w mcc	6,906	6,675	-3.3
301	542 Pathological fractures & musculoskelet & conn tiss malig w mcc	6,771	6,655	-1.7
302	583 Mastectomy for malignancy w/o cc/mcc	7,094	6,605	-6.9
303	492 Lower extrem & humer proc except hip,foot,femur w mcc	7,135	6,595	-7.6
304	352 Inguinal & femoral hernia procedures w/o cc/mcc	7,092	6,540	-7.8
305	629 Other endocrine, nutrit & metab O.R. proc w cc	6,977	6,465	-7.3
306	571 Debridement w cc	6,930	6,400	-7.6
307	226 Cardiac defibrillator implant w/o cardiac cath w mcc	6,611	6,390	-3.3
308	443 Disorders of liver except malig,cirr,alc hepa w/o cc/mcc	6,318	6,320	0.0
309	221 Cardiac valve & oth maj cardiothoracic proc w/o card cath w/o cc/mcc	6,600	6,305	-4.5
310	895 Alcohol/drug abuse or dependence w rehabilitation therapy	15,247	6,265	-58.9
311	496 Local excision & removal int fix devices exc hip &	6,527	6,195	-5.1

Rank	MS-DRG	Discharges, N		Percent Difference
		CMS	HCUP NIS	
	femur w cc			
312	37 Extracranial procedures w mcc	6,274	6,060	-3.4
313	894 Alcohol/drug abuse or dependence, left ama	7,863	5,975	-24.0
314	415 Cholecystectomy except by laparoscope w/o c.d.e. w cc	6,412	5,935	-7.4
315	40 Periph/cranial nerve & other nerv syst proc w mcc	6,387	5,905	-7.5
316	405 Pancreas, liver & shunt procedures w mcc	5,854	5,890	0.6
317	956 Limb reattachment, hip & femur proc for multiple significant trauma	6,011	5,855	-2.6
318	741 Uterine,adnexa proc for non-ovarian/adnexal malig w/o cc/mcc	6,191	5,805	-6.2
319	765 Cesarean section w cc/mcc	4,609	5,790	25.6
320	544 Pathological fractures & musculoskelet & conn tiss malig w/o cc/mcc	6,089	5,760	-5.4
321	882 Neuroses except depressive	8,478	5,740	-32.3
322	125 Other disorders of the eye w/o mcc	5,858	5,715	-2.4
323	766 Cesarean section w/o cc/mcc	3,334	5,705	71.1
324	502 Soft tissue procedures w/o cc/mcc	5,974	5,695	-4.7
325	557 Tendonitis, myositis & bursitis w mcc	5,840	5,695	-2.5
326	333 Rectal resection w cc	5,893	5,685	-3.5
327	596 Major skin disorders w/o mcc	6,088	5,680	-6.7
328	707 Major male pelvic procedures w cc/mcc	6,308	5,675	-10.0
329	463 Wnd debrid & skn grft exc hand, for musculo-conn tiss dis w mcc	7,348	5,665	-22.9
330	909 Other O.R. procedures for injuries w/o cc/mcc	5,963	5,620	-5.8
331	974 HIV w major related condition w mcc	6,220	5,585	-10.2
332	661 Kidney & ureter procedures for non-neoplasm w/o cc/mcc	5,440	5,500	1.1
333	459 Spinal fusion except cervical w mcc	5,646	5,470	-3.1
334	351 Inguinal & femoral hernia procedures w cc	5,590	5,460	-2.3
335	565 Other musculoskeletal sys & connective tissue diagnoses w cc	5,887	5,390	-8.4
336	570 Skin Debridement w mcc	7,514	5,340	-28.9
337	726 Benign prostatic hypertrophy w/o mcc	5,325	5,330	0.1
338	834 Acute leukemia w/o major O.R. procedure w mcc	5,075	5,330	5.0
339	199 Pneumothorax w mcc	5,340	5,295	-0.8
340	489 Knee procedures w/o pdx of infection w/o cc/mcc	5,834	5,295	-9.2

Rank	MS-DRG		Discharges, N		Percent Difference
			CMS	HCUP NIS	
341	747	Vagina, cervix & vulva procedures w/o cc/mcc	5,853	5,275	-9.9
342	348	Anal & stomal procedures w cc	5,626	5,255	-6.6
343	740	Uterine,adnexa proc for non-ovarian/adnexal malig w cc	5,497	5,240	-4.7
344	654	Major bladder procedures w cc	5,263	5,200	-1.2
345	466	Revision of hip or knee replacement w mcc	5,223	5,195	-0.5
346	497	Local excision & removal int fix devices exc hip & femur w/o cc/mcc	5,649	5,185	-8.2
347	387	Inflammatory bowel disease w/o cc/mcc	5,519	5,160	-6.5
348	540	Osteomyelitis w cc	6,073	5,125	-15.6
349	61	Acute ischemic stroke w use of thrombolytic agent w mcc	4,933	5,090	3.2
350	983	Extensive O.R. procedure unrelated to principal diagnosis w/o cc/mcc	5,346	5,035	-5.8
351	29	Spinal procedures w cc or spinal neurostimulators	5,098	4,860	-4.7
352	659	Kidney & ureter procedures for non-neoplasm w mcc	5,120	4,850	-5.3
353	475	Amputation for musculoskeletal sys & conn tissue dis w cc	5,058	4,805	-5.0
354	158	Dental & oral diseases w cc	4,904	4,800	-2.1
355	511	Shoulder,elbow or forearm proc,exc major joint proc w cc	5,145	4,750	-7.7
356	781	Other antepartum diagnoses w medical complications	4,459	4,720	5.9
357	515	Other musculoskelet sys & conn tiss O.R. proc w mcc	4,851	4,715	-2.8
358	454	Combined anterior/posterior spinal fusion w cc	4,835	4,625	-4.3
359	457	Spinal fus exc cerv w spinal curv/malig/infec or 9+ fus w cc	4,690	4,530	-3.4
360	368	Major esophageal disorders w mcc	4,492	4,520	0.6
361	545	Connective tissue disorders w mcc	4,778	4,505	-5.7
362	582	Mastectomy for malignancy w cc/mcc	4,876	4,475	-8.2
363	168	Other resp system O.R. procedures w/o cc/mcc	4,683	4,450	-5.0
364	306	Cardiac congenital & valvular disorders w mcc	4,319	4,445	2.9
365	414	Cholecystectomy except by laparoscope w/o c.d.e. w mcc	4,774	4,425	-7.3
366	261	Cardiac pacemaker revision except device	4,483	4,420	-1.4

Rank	MS-DRG		Discharges, N		Percent Difference
			CMS	HCUP NIS	
		replacement w cc			
367	628	Other endocrine, nutrit & metab O.R. proc w mcc	4,590	4,385	-4.5
368	345	Minor small & large bowel procedures w cc	4,402	4,355	-1.1
369	755	Malignancy, female reproductive system w cc	4,440	4,355	-1.9
370	668	Transurethral procedures w mcc	4,496	4,350	-3.2
371	353	Hernia procedures except inguinal & femoral w mcc	4,528	4,330	-4.4
372	620	O.R. procedures for obesity w cc	4,193	4,310	2.8
373	656	Kidney & ureter procedures for neoplasm w mcc	4,571	4,290	-6.1
374	555	Signs & symptoms of musculoskeletal system & conn tissue w mcc	4,286	4,270	-0.4
375	810	Major hematol/immun diag exc sickle cell crisis & coagul w/o cc/mcc	4,396	4,190	-4.7
376	123	Neurological eye disorders	4,125	4,175	1.2
377	975	HIV w major related condition w cc	4,229	4,175	-1.3
378	949	Aftercare w cc/mcc	4,460	4,160	-6.7
379	334	Rectal resection w/o cc/mcc	4,210	4,150	-1.4
380	488	Knee procedures w/o pdx of infection w cc/mcc	4,556	4,135	-9.2
381	534	Fractures of femur w/o mcc	4,381	4,130	-5.7
382	687	Kidney & urinary tract neoplasms w cc	4,171	4,130	-1.0
383	815	Reticuloendothelial & immunity disorders w cc	4,376	4,130	-5.6
384	30	Spinal procedures w/o cc/mcc	4,207	4,120	-2.1
385	60	Multiple sclerosis & cerebellar ataxia w/o cc/mcc	4,516	4,110	-9.0
386	471	Cervical spinal fusion w mcc	4,263	4,110	-3.6
387	349	Anal & stomal procedures w/o cc/mcc	4,379	4,105	-6.3
388	455	Combined anterior/posterior spinal fusion w/o cc/mcc	4,302	4,080	-5.2
389	304	Hypertension w mcc	3,902	4,055	3.9
390	340	Appendectomy w complicated principal diag w/o cc/mcc	4,117	4,040	-1.9
391	59	Multiple sclerosis & cerebellar ataxia w cc	4,559	4,005	-12.2
392	737	Uterine & adnexa proc for ovarian or adnexal malignancy w cc	4,159	3,980	-4.3
393	339	Appendectomy w complicated principal diag w cc	4,118	3,965	-3.7
394	82	Traumatic stupor & coma, coma >1 hr w mcc	3,925	3,945	0.5
395	416	Cholecystectomy except by laparoscope w/o c.d.e. w/o cc/mcc	4,314	3,945	-8.6

Rank	MS-DRG		Discharges, N		Percent Difference
			CMS	HCUP NIS	
396	33	Ventricular shunt procedures w/o cc/mcc	3,807	3,895	2.3
397	188	Pleural effusion w/o cc/mcc	3,922	3,880	-1.1
398	842	Lymphoma & non-acute leukemia w/o cc/mcc	3,999	3,860	-3.5
399	156	Other ear, nose, mouth & throat diagnoses w/o cc/mcc (after Oct 1, 2008)	4,021	3,850	-4.3
400	78	Hypertensive encephalopathy w cc	3,829	3,785	-1.1
401	256	Upper limb & toe amputation for circ system disorders w cc	4,050	3,750	-7.4
402	183	Major chest trauma w mcc	4,083	3,745	-8.3
403	380	Complicated peptic ulcer w mcc	3,820	3,745	-2.0
404	479	Biopsies of musculoskeletal system & connective tissue w/o cc/mcc	4,008	3,710	-7.4
405	152	Otitis media & uri w mcc	2,794	3,680	31.7
406	504	Foot procedures w cc	4,139	3,680	-11.1
407	923	Other injury, poisoning & toxic effect diag w/o mcc	3,772	3,670	-2.7
408	42	Periph/cranial nerve & other nerv syst proc w/o cc/mcc	3,672	3,665	-0.2
409	89	Concussion w cc	3,845	3,660	-4.8
410	835	Acute leukemia w/o major O.R. procedure w cc	3,721	3,655	-1.8
411	259	Cardiac pacemaker device replacement w/o mcc	3,725	3,645	-2.1
412	201	Pneumothorax w/o cc/mcc	3,843	3,640	-5.3
413	83	Traumatic stupor & coma, coma >1 hr w cc	3,725	3,625	-2.7
414	474	Amputation for musculoskeletal sys & conn tissue dis w mcc	3,877	3,625	-6.5
415	623	Skin grafts & wound debrid for endoc, nutrit & metab dis w cc	4,105	3,610	-12.1
416	604	Trauma to the skin, subcut tiss & breast w mcc	3,720	3,590	-3.5
417	225	Cardiac defib implant w cardiac cath w/o ami/hf/shock w/o mcc	3,960	3,570	-9.8
418	685	Admit for renal dialysis	3,445	3,535	2.6
419	486	Knee procedures w pdx of infection w cc	3,576	3,530	-1.3
420	547	Connective tissue disorders w/o cc/mcc	3,630	3,525	-2.9
421	342	Appendectomy w/o complicated principal diag w cc	3,784	3,520	-7.0
422	844	Other myeloprolif dis or poorly diff neopl diag w cc	3,698	3,505	-5.2
423	346	Minor small & large bowel procedures w/o cc/mcc	3,577	3,495	-2.3
424	964	Other multiple significant trauma w cc	4,365	3,455	-20.8
425	539	Osteomyelitis w mcc	6,438	3,450	-46.4

Rank	MS-DRG	Discharges, N		Percent Difference
		CMS	HCUP NIS	
426	989 Non-extensive O.R. proc unrelated to principal diagnosis w/o cc/mcc	3,929	3,395	-13.6
427	284 Acute myocardial infarction, expired w cc	3,397	3,360	-1.1
428	477 Biopsies of musculoskeletal system & connective tissue w mcc	3,364	3,355	-0.3
429	846 Chemotherapy w/o acute leukemia as secondary diagnosis w mcc	3,486	3,345	-4.0
430	84 Traumatic stupor & coma, coma >1 hr w/o cc/mcc	3,431	3,340	-2.7
431	940 O.R. proc w diagnoses of other contact w health services w cc	3,695	3,320	-10.1
432	296 Cardiac arrest, unexplained w mcc	3,177	3,280	3.2
433	824 Lymphoma & non-acute leukemia w other O.R. proc w cc	3,572	3,275	-8.3
434	182 Respiratory neoplasms w/o cc/mcc	3,206	3,260	1.7
435	154 Other ear, nose, mouth & throat diagnoses w mcc (after Oct 1, 2008)	3,305	3,240	-2.0
436	865 Viral illness w mcc	3,107	3,235	4.1
437	626 Thyroid, parathyroid & thyroglossal procedures w cc	3,446	3,230	-6.3
438	774 Vaginal delivery w complicating diagnoses	2,375	3,225	35.8
439	868 Other infectious & parasitic diseases diagnoses w cc	3,320	3,195	-3.8
440	573 Skin graft &/or debrid for skn ulcer or cellulitis w mcc	3,878	3,120	-19.5
441	977 HIV w or w/o other related condition	3,307	3,105	-6.1
442	553 Bone diseases & arthropathies w mcc	3,249	3,100	-4.6
443	35 Carotid artery stent procedure w cc	3,084	3,075	-0.3
444	559 Aftercare, musculoskeletal system & connective tissue w mcc	5,095	3,020	-40.7
445	465 Wnd debrid & skn grft exc hand, for musculo-conn tiss dis w/o cc/mcc	3,092	3,015	-2.5
446	245 Aicd generator procedures (after Oct 1, 2008)	3,078	3,000	-2.5
447	224 Cardiac defib implant w cardiac cath w/o ami/hf/shock w mcc	3,158	2,970	-6.0
448	376 Digestive malignancy w/o cc/mcc	2,939	2,970	1.1
449	32 Ventricular shunt procedures w cc	3,185	2,935	-7.8
450	385 Inflammatory bowel disease w mcc	2,833	2,865	1.1

Rank	MS-DRG		Discharges, N		Percent Difference
			CMS	HCUP NIS	
451	572	Debridement w/o cc/mcc	3,115	2,850	-8.5
452	134	Other ear, nose, mouth & throat O.R. procedures w/o cc/mcc	2,921	2,840	-2.8
453	198	Interstitial lung disease w/o cc/mcc	3,137	2,840	-9.5
454	758	Infections, female reproductive system w cc	2,744	2,835	3.3
455	693	Urinary stones w/o esw lithotripsy w mcc	2,939	2,820	-4.0
456	133	Other ear, nose, mouth & throat O.R. procedures w cc/mcc	3,032	2,775	-8.5
457	90	Concussion w/o cc/mcc	2,871	2,760	-3.9
458	760	Menstrual & other female reproductive system disorders w cc/mcc	2,667	2,740	2.7
459	255	Upper limb & toe amputation for circ system disorders w mcc	2,819	2,700	-4.2
460	28	Spinal procedures w mcc	2,629	2,685	2.1
461	185	Major chest trauma w/o cc/mcc	3,055	2,660	-12.9
462	746	Vagina, cervix & vulva procedures w cc/mcc	2,742	2,640	-3.7
463	382	Complicated peptic ulcer w/o cc/mcc	2,846	2,620	-7.9
464	229	Other cardiothoracic procedures w cc	2,686	2,610	-2.8
465	407	Pancreas, liver & shunt procedures w/o cc/mcc	2,788	2,605	-6.6
466	437	Malignancy of hepatobiliary system or pancreas w/o cc/mcc	2,458	2,590	5.4
467	12	Tracheostomy for face,mouth & neck diagnoses w cc	2,655	2,585	-2.6
468	915	Allergic reactions w mcc	2,515	2,550	1.4
469	358	Other digestive system O.R. procedures w/o cc/mcc	2,568	2,530	-1.5
470	63	Acute ischemic stroke w use of thrombolytic agent w/o cc/mcc	2,496	2,505	0.4
471	24	Cranio w major dev impl/acute complex cns pdx w/o mcc	2,421	2,485	2.6
472	935	Non-extensive burns	2,932	2,435	-17.0
473	904	Skin grafts for injuries w cc/mcc	2,704	2,430	-10.1
474	288	Acute & subacute endocarditis w mcc	3,400	2,425	-28.7
475	223	Cardiac defib implant w cardiac cath w ami/hf/shock w/o mcc	2,569	2,395	-6.8
476	794	Neonate w other significant problems	-	2,390	-
477	578	Skin graft &/or debrid exc for skin ulcer or cellulitis	2,591	2,380	-8.1

Rank	MS-DRG		Discharges, N		Percent Difference
			CMS	HCUP NIS	
		w/o cc/mcc			
478	505	Foot procedures w/o cc/mcc	2,684	2,375	-11.5
479	564	Other musculoskeletal sys & connective tissue diagnoses w mcc	3,041	2,345	-22.9
480	858	Postoperative or post-traumatic infections w O.R. proc w/o cc/mcc	2,549	2,345	-8.0
481	642	Inborn errors of metabolism	2,293	2,325	1.4
482	837	Chemo w acute leukemia as sdx or w high dose chemo agent w mcc	2,303	2,320	0.7
483	577	Skin graft &/or debrid exc for skin ulcer or cellulitis w cc	2,331	2,305	-1.1
484	823	Lymphoma & non-acute leukemia w other O.R. proc w mcc	2,356	2,305	-2.2
485	16	Autologous Bone Marrow Transplant w cc/mcc	2,064	2,300	11.4
486	653	Major bladder procedures w mcc	2,341	2,300	-1.8
487	500	Soft tissue procedures w mcc	2,855	2,295	-19.6
488	963	Other multiple significant trauma w mcc	2,783	2,265	-18.6
489	260	Cardiac pacemaker revision except device replacement w mcc	2,342	2,250	-3.9
490	821	Lymphoma & leukemia w major O.R. procedure w cc	2,328	2,245	-3.6
491	843	Other myeloprolif dis or poorly diff neopl diag w mcc	2,235	2,230	-0.2
492	883	Disorders of personality & impulse control	3,208	2,230	-30.5
493	80	Nontraumatic stupor & coma w mcc	2,277	2,180	-4.3
494	77	Hypertensive encephalopathy w mcc	2,258	2,165	-4.1
495	598	Malignant breast disorders w cc	2,137	2,155	0.8
496	616	Amputat of lower limb for endocrine,nutrit,& metabol dis w mcc	2,310	2,150	-6.9
497	228	Other cardiothoracic procedures w mcc	2,274	2,145	-5.7
498	262	Cardiac pacemaker revision except device replacement w/o cc/mcc	2,267	2,140	-5.6
499	350	Inguinal & femoral hernia procedures w mcc	2,220	2,140	-3.6
500	664	Minor bladder procedures w/o cc/mcc	2,440	2,135	-12.5
501	838	Chemo w acute leukemia as sdx w cc or high dose chemo agent	2,004	2,120	5.8
502	744	D&C, conization, laparoscopy & tubal interruption	2,072	2,110	1.8

Rank	MS-DRG		Discharges, N		Percent Difference
			CMS	HCUP NIS	
		w cc/mcc			
503	663	Minor bladder procedures w cc	2,188	2,105	-3.8
504	939	O.R. proc w diagnoses of other contact w health services w mcc	2,685	2,100	-21.8
505	11	Tracheostomy for face,mouth & neck diagnoses w mcc	2,246	2,090	-6.9
506	606	Minor skin disorders w mcc	2,266	2,090	-7.8
507	458	Spinal fus exc cerv w spinal curv/malig/infec or 9+ fus w/o cc/mcc	2,240	2,085	-6.9
508	902	Wound debridements for injuries w cc	2,392	2,075	-13.3
509	222	Cardiac defib implant w cardiac cath w ami/hf/shock w mcc	2,261	2,070	-8.4
510	495	Local excision & removal int fix devices exc hip & femur w mcc	2,396	2,065	-13.8
511	566	Other musculoskeletal sys & connective tissue diagnoses w/o cc/mcc	1,889	2,060	9.1
512	822	Lymphoma & leukemia w major O.R. procedure w/o cc/mcc	2,138	2,050	-4.1
513	666	Prostatectomy w cc	2,209	2,035	-7.9
514	723	Malignancy, male reproductive system w cc	2,092	2,030	-3.0
515	129	Major head & neck procedures w cc/mcc or major device	2,094	2,010	-4.0
516	614	Adrenal & pituitary procedures w cc/mcc	2,163	2,000	-7.5
517	814	Reticuloendothelial & immunity disorders w mcc	2,000	1,995	-0.3
518	727	Inflammation of the male reproductive system w mcc	2,157	1,980	-8.2
519	159	Dental & oral diseases w/o cc/mcc	1,942	1,970	1.4
520	675	Other kidney & urinary tract procedures w/o cc/mcc	2,152	1,970	-8.5
521	347	Anal & stomal procedures w mcc	1,955	1,965	0.5
522	734	Pelvic evisceration, rad hysterectomy & rad vulvectomy w cc/mcc	2,000	1,965	-1.8
523	157	Dental & oral diseases w mcc	2,060	1,955	-5.1
524	370	Major esophageal disorders w/o cc/mcc	1,999	1,940	-3.0
525	75	Viral meningitis w cc/mcc	2,029	1,915	-5.6
526	695	Kidney & urinary tract signs & symptoms w mcc	1,994	1,910	-4.2
527	827	Myeloprolif disord or poorly diff neopl w maj O.R.	1,899	1,890	-0.5

Rank	MS-DRG	Discharges, N		Percent Difference
		CMS	HCUP NIS	
	proc w cc			
528	1 Heart transplant or implant of heart assist system w mcc	1,931	1,860	-3.7
529	513 Hand or wrist proc, except major thumb or joint proc w cc/mcc	1,919	1,835	-4.4
530	839 Chemo w acute leukemia as sdx w/o cc/mcc	1,807	1,830	1.3
531	667 Prostatectomy w/o cc/mcc	2,057	1,825	-11.3
532	94 Bacterial & tuberculous infections of nervous system w mcc	2,092	1,810	-13.5
533	97 Non-bacterial infect of nervous sys exc viral meningitis w mcc	1,879	1,810	-3.7
534	655 Major bladder procedures w/o cc/mcc	1,876	1,805	-3.8
535	102 Headaches w mcc	1,873	1,770	-5.5
536	453 Combined anterior/posterior spinal fusion w mcc	1,821	1,770	-2.8
537	332 Rectal resection w mcc	1,850	1,760	-4.9
538	423 Other hepatobiliary or pancreas O.R. procedures w mcc	1,793	1,760	-1.8
539	456 Spinal fus exc cerv w spinal curv/malig/infec or 9+ fus w mcc	1,712	1,755	2.5
540	549 Septic arthritis w cc	1,958	1,755	-10.4
541	816 Reticuloendothelial & immunity disorders w/o cc/mcc	1,844	1,740	-5.6
542	957 Other O.R. procedures for multiple significant trauma w mcc	2,341	1,710	-27.0
543	615 Adrenal & pituitary procedures w/o cc/mcc	1,802	1,685	-6.5
544	150 Epistaxis w mcc	1,631	1,670	2.4
545	886 Behavioral & developmental disorders	2,534	1,665	-34.3
546	20 Intracranial vascular procedures w pdx hemorrhage w mcc	1,626	1,635	0.6
547	585 Breast biopsy, local excision & other breast procedures w/o cc/mcc	1,739	1,630	-6.3
548	67 Nonspecific cva & precerebral occlusion w/o infarct w mcc	1,600	1,625	1.6
549	757 Infections, female reproductive system w mcc	1,781	1,610	-9.6
550	147 Ear, nose, mouth & throat malignancy w cc	1,692	1,605	-5.1
551	754 Malignancy, female reproductive system w mcc	1,692	1,590	-6.0
552	686 Kidney & urinary tract neoplasms w mcc	1,727	1,585	-8.2

Rank	MS-DRG	Discharges, N		Percent Difference
		CMS	HCUP NIS	
553	829 Myeloprolif disord or poorly diff neopl w other O.R. proc w cc/mcc	1,623	1,585	-2.3
554	338 Appendectomy w complicated principal diag w mcc	1,597	1,575	-1.4
555	498 Local excision & removal int fix devices of hip & femur w cc/mcc	1,703	1,560	-8.4
556	595 Major skin disorders w mcc	1,590	1,560	-1.9
557	241 Amputation for circ sys disorders exc upper limb & toe w/o cc/mcc	1,783	1,555	-12.8
558	231 Coronary bypass w ptca w mcc	1,596	1,530	-4.1
559	958 Other O.R. procedures for multiple significant trauma w cc	1,694	1,515	-10.6
560	52 Spinal disorders & injuries w cc/mcc	1,982	1,490	-24.8
561	820 Lymphoma & leukemia w major O.R. procedure w mcc	1,539	1,485	-3.5
562	574 Skin graft &/or debrid for skn ulcer or cellulitis w cc	1,663	1,480	-11.0
563	825 Lymphoma & non-acute leukemia w other O.R. proc w/o cc/mcc	1,451	1,460	0.6
564	735 Pelvic evisceration, rad hysterectomy & rad vulvectomy w/o cc/mcc	1,542	1,440	-6.6
565	600 Non-malignant breast disorders w cc/mcc	1,554	1,430	-8.0
566	922 Other injury, poisoning & toxic effect diag w mcc	1,507	1,425	-5.4
567	476 Amputation for musculoskeletal sys & conn tissue dis w/o cc/mcc	1,469	1,415	-3.7
568	98 Non-bacterial infect of nervous sys exc viral meningitis w cc	1,513	1,410	-6.8
569	130 Major head & neck procedures w/o cc/mcc	1,419	1,405	-1.0
570	383 Uncomplicated peptic ulcer w mcc	1,428	1,400	-2.0
571	485 Knee procedures w pdx of infection w mcc	1,553	1,395	-10.2
572	836 Acute leukemia w/o major O.R. procedure w/o cc/mcc	1,331	1,385	4.1
573	95 Bacterial & tuberculous infections of nervous system w cc	1,610	1,370	-14.9
574	131 Cranial/facial procedures w cc/mcc	1,576	1,370	-13.1
575	941 O.R. proc w diagnoses of other contact w health services w/o cc/mcc	1,607	1,370	-14.7
576	265 Aicd lead procedures	1,508	1,365	-9.5
577	622 Skin grafts & wound debrid for endoc, nutrit &	1,729	1,355	-21.6

Rank	MS-DRG	Discharges, N		Percent Difference
		CMS	HCUP NIS	
	metab dis w mcc			
578	218 Cardiac valve & oth maj cardiothoracic proc w card cath w/o cc/mcc	1,378	1,350	-2.0
579	541 Osteomyelitis w/o cc/mcc	1,615	1,350	-16.4
580	848 Chemotherapy w/o acute leukemia as secondary diagnosis w/o cc/mcc	1,302	1,345	3.3
581	31 Ventricular shunt procedures w mcc	1,456	1,340	-8.0
582	409 Biliary tract proc except only cholecyst w or w/o c.d.e. w cc	1,397	1,340	-4.1
583	625 Thyroid, parathyroid & thyroglossal procedures w mcc	1,373	1,330	-3.1
584	408 Biliary tract proc except only cholecyst w or w/o c.d.e. w mcc	1,457	1,325	-9.1
585	976 HIV w major related condition w/o cc/mcc	1,414	1,325	-6.3
586	285 Acute myocardial infarction, expired w/o cc/mcc	1,339	1,300	-2.9
587	749 Other female reproductive system O.R. procedures w cc/mcc	1,404	1,300	-7.4
588	232 Coronary bypass w ptca w/o mcc	1,361	1,275	-6.3
589	913 Traumatic injury w mcc	1,296	1,275	-1.6
590	137 Mouth procedures w cc/mcc	1,286	1,270	-1.2
591	139 Salivary gland procedures	1,288	1,260	-2.2
592	289 Acute & subacute endocarditis w cc	1,539	1,260	-18.1
593	487 Knee procedures w pdx of infection w/o cc/mcc	1,451	1,260	-13.2
594	79 Hypertensive encephalopathy w/o cc/mcc	1,219	1,255	3.0
595	344 Minor small & large bowel procedures w mcc	1,210	1,245	2.9
596	803 Other O.R. proc of the blood & blood forming organs w cc	1,361	1,245	-8.5
597	510 Shoulder,elbow or forearm proc,exc major joint proc w mcc	1,371	1,235	-9.9
598	691 Urinary stones w esw lithotripsy w cc/mcc	1,298	1,210	-6.8
599	928 Full thickness burn w skin graft or inhal inj w cc/mcc	1,305	1,210	-7.3
600	761 Menstrual & other female reproductive system disorders w/o cc/mcc	1,207	1,205	-0.2
601	13 Tracheostomy for face,mouth & neck diagnoses w/o cc/mcc	1,199	1,200	0.1
602	828 Myeloprolif disord or poorly diff neopl w maj O.R.	1,229	1,185	-3.6

Rank	MS-DRG		Discharges, N		Percent Difference
			CMS	HCUP NIS	
		proc w/o cc/mcc			
603	34	Carotid artery stent procedure w mcc	1,147	1,180	2.9
604	503	Foot procedures w mcc	1,340	1,170	-12.7
605	710	Penis procedures w/o cc/mcc	1,321	1,160	-12.2
606	736	Uterine & adnexa proc for ovarian or adnexal malignancy w mcc	1,074	1,155	7.5
607	950	Aftercare w/o cc/mcc	559	1,155	106.6
608	514	Hand or wrist proc, except major thumb or joint proc w/o cc/mcc	1,162	1,145	-1.5
609	594	Skin ulcers w/o cc/mcc	1,293	1,145	-11.4
610	965	Other multiple significant trauma w/o cc/mcc	1,214	1,135	-6.5
611	88	Concussion w mcc	1,196	1,130	-5.5
612	5	Liver transplant w mcc or intestinal transplant	1,268	1,120	-11.7
613	115	Extraocular procedures except orbit	1,111	1,120	0.8
614	124	Other disorders of the eye w mcc	1,084	1,110	2.4
615	341	Appendectomy w/o complicated principal diag w mcc	1,181	1,105	-6.4
616	802	Other O.R. proc of the blood & blood forming organs w mcc	1,076	1,095	1.8
617	876	O.R. procedure w principal diagnoses of mental illness	1,241	1,095	-11.8
618	729	Other male reproductive system diagnoses w cc/mcc	1,185	1,090	-8.0
619	619	O.R. procedures for obesity w mcc	1,051	1,085	3.2
620	58	Multiple sclerosis & cerebellar ataxia w mcc	1,229	1,060	-13.8
621	533	Fractures of femur w mcc	1,051	1,055	0.4
622	739	Uterine,adnexa proc for non-ovarian/adnexal malig w mcc	1,099	1,050	-4.5
623	745	D&C, conization, laparoscopy & tubal interruption w/o cc/mcc	1,101	1,045	-5.1
624	759	Infections, female reproductive system w/o cc/mcc	1,161	1,045	-10.0
625	14	Allogeneic bone marrow transplant	889	1,030	15.9
626	421	Hepatobiliary diagnostic procedures w cc	1,088	1,005	-7.6
627	985	Prostatic O.R. procedure unrelated to principal diagnosis w cc	1,069	1,005	-6.0
628	294	Deep vein thrombophlebitis w cc/mcc	1,074	1,000	-6.9
629	601	Non-malignant breast disorders w/o cc/mcc	1,021	1,000	-2.1

Rank	MS-DRG		Discharges, N		Percent Difference
			CMS	HCUP NIS	
630	121	Acute major eye infections w cc/mcc	1,033	985	-4.6
631	424	Other hepatobiliary or pancreas O.R. procedures w cc	967	980	1.3
632	906	Hand procedures for injuries	1,031	980	-4.9
633	776	Postpartum & post abortion diagnoses w/o O.R. procedure	891	970	8.9
634	849	Radiotherapy	1,072	965	-10.0
635	597	Malignant breast disorders w mcc	939	955	1.7
636	905	Skin grafts for injuries w/o cc/mcc	1,012	955	-5.6
637	76	Viral meningitis w/o cc/mcc	925	945	2.2
638	138	Mouth procedures w/o cc/mcc	994	945	-4.9
639	537	Sprains, strains, & dislocations of hip, pelvis & thigh w cc/mcc	1,018	945	-7.2
640	717	Other male reproductive system O.R. proc exc malignancy w cc/mcc	1,010	940	-6.9
641	584	Breast biopsy, local excision & other breast procedures w cc/mcc	1,028	930	-9.5
642	903	Wound debridements for injuries w/o cc/mcc	995	920	-7.5
643	671	Urethral procedures w cc/mcc	951	910	-4.3
644	113	Orbital procedures w cc/mcc	824	895	8.6
645	662	Minor bladder procedures w mcc	927	890	-4.0
646	709	Penis procedures w cc/mcc	946	875	-7.5
647	869	Other infectious & parasitic diseases diagnoses w/o cc/mcc	903	870	-3.7
648	146	Ear, nose, mouth & throat malignancy w mcc	1,001	850	-15.1
649	845	Other myeloprolif dis or poorly diff neopl diag w/o cc/mcc	799	850	6.4
650	901	Wound debridements for injuries w mcc	1,327	850	-35.9
651	508	Major shoulder or elbow joint procedures w/o cc/mcc	870	840	-3.4
652	767	Vaginal delivery w sterilization &/or d&c	188	835	344.1
653	132	Cranial/facial procedures w/o cc/mcc	959	825	-14.0
654	297	Cardiac arrest, unexplained w cc	883	820	-7.1
655	230	Other cardiothoracic procedures w/o cc/mcc	742	810	9.2
656	461	Bilateral or multiple major joint procs of lower extremity w mcc	594	810	36.4
657	420	Hepatobiliary diagnostic procedures w mcc	803	800	-0.4

Rank	MS-DRG		Discharges, N		Percent Difference
			CMS	HCUP NIS	
658	725	Benign prostatic hypertrophy w mcc	813	800	-1.6
659	738	Uterine & adnexa proc for ovarian or adnexal malignancy w/o cc/mcc	918	795	-13.4
660	688	Kidney & urinary tract neoplasms w/o cc/mcc	707	790	11.7
661	826	Myeloprolif disord or poorly diff neopl w maj O.R. proc w mcc	813	790	-2.8
662	258	Cardiac pacemaker device replacement w mcc	822	785	-4.5
663	711	Testes procedures w cc/mcc	833	780	-6.4
664	934	Full thickness burn w/o skin grft or inhal inj	813	765	-5.9
665	499	Local excision & removal int fix devices of hip & femur w/o cc/mcc	854	750	-12.2
666	550	Septic arthritis w/o cc/mcc	786	745	-5.2
667	507	Major shoulder or elbow joint procedures w cc/mcc	818	740	-9.5
668	506	Major thumb or joint procedures	812	735	-9.5
669	778	Threatened abortion	564	735	30.3
670	887	Other mental disorder diagnoses	1,104	715	-35.2
671	96	Bacterial & tuberculous infections of nervous system w/o cc/mcc	707	705	-0.3
672	665	Prostatectomy w mcc	734	700	-4.6
673	99	Non-bacterial infect of nervous sys exc viral meningitis w/o cc/mcc	664	680	2.4
674	548	Septic arthritis w mcc	1,008	670	-33.5
675	697	Urethral stricture	725	670	-7.6
676	800	Splenectomy w cc	697	670	-3.9
677	804	Other O.R. proc of the blood & blood forming organs w/o cc/mcc	804	665	-17.3
678	538	Sprains, strains, & dislocations of hip, pelvis & thigh w/o cc/mcc	650	655	0.8
679	722	Malignancy, male reproductive system w mcc	680	650	-4.4
680	412	Cholecystectomy w c.d.e. w cc	722	640	-11.4
681	7	Lung transplant	685	630	-8.0
682	672	Urethral procedures w/o cc/mcc	698	610	-12.6
683	411	Cholecystectomy w c.d.e. w mcc	665	595	-10.5
684	969	HIV w extensive O.R. procedure w mcc	661	595	-10.0
685	53	Spinal disorders & injuries w/o cc/mcc	643	585	-9.0
686	148	Ear, nose, mouth & throat malignancy w/o cc/mcc	603	580	-3.8
687	984	Prostatic O.R. procedure unrelated to principal	577	580	0.5

Rank	MS-DRG		Discharges, N		Percent Difference
			CMS	HCUP NIS	
		diagnosis w mcc			
688	576	Skin graft &/or debrid exc for skin ulcer or cellulitis w mcc	595	570	-4.2
689	799	Splenectomy w mcc	606	570	-5.9
690	21	Intracranial vascular procedures w pdx hemorrhage w cc	610	565	-7.4
691	575	Skin graft &/or debrid for skn ulcer or cellulitis w/o cc/mcc	642	565	-12.0
692	792	Prematurity w/o major problems	-	540	-
693	263	Vein ligation & stripping	559	535	-4.3
694	116	Intraocular procedures w cc/mcc	584	525	-10.1
695	122	Acute major eye infections w/o cc/mcc	553	525	-5.1
696	117	Intraocular procedures w/o cc/mcc	507	520	2.6
697	756	Malignancy, female reproductive system w/o cc/mcc	466	500	7.3
698	986	Prostatic O.R. procedure unrelated to principal diagnosis w/o cc/mcc	513	485	-5.5
699	114	Orbital procedures w/o cc/mcc	496	465	-6.3
700	715	Other male reproductive system O.R. proc for malignancy w cc/mcc	537	455	-15.3
701	630	Other endocrine, nutrit & metab O.R. proc w/o cc/mcc	441	450	2.0
702	955	Craniotomy for multiple significant trauma	591	450	-23.9
703	789	Neonates, died or transferred to another acute care facility	-	445	-
704	413	Cholecystectomy w c.d.e. w/o cc/mcc	437	440	0.7
705	830	Myeloprolif disord or poorly diff neopl w other O.R. proc w/o cc/mcc	453	440	-2.9
706	2	Heart transplant or implant of heart assist system w/o mcc	411	435	5.8
707	434	Cirrhosis & alcoholic hepatitis w/o cc/mcc	391	435	11.3
708	135	Sinus & mastoid procedures w cc/mcc	519	430	-17.1
709	298	Cardiac arrest, unexplained w/o cc/mcc	469	430	-8.3
710	855	Infectious & parasitic diseases w O.R. procedure w/o cc/mcc	412	430	4.4
711	793	Full term neonate w major problems	-	425	-
712	718	Other male reproductive system O.R. proc exc	449	420	-6.5

Rank	MS-DRG		Discharges, N		Percent Difference
			CMS	HCUP NIS	
		malignancy w/o cc/mcc			
713	8	Simultaneous pancreas/kidney transplant	516	410	-20.5
714	929	Full thickness burn w skin graft or inhal inj w/o cc/mcc	481	410	-14.8
715	410	Biliary tract proc except only cholecyst w or w/o c.d.e. w/o cc/mcc	469	390	-16.8
716	6	Liver transplant w/o mcc	410	380	-7.3
717	257	Upper limb & toe amputation for circ system disorders w/o cc/mcc	460	375	-18.5
718	750	Other female reproductive system O.R. procedures w/o cc/mcc	416	375	-9.9
719	712	Testes procedures w/o cc/mcc	375	355	-5.3
720	801	Splenectomy w/o cc/mcc	448	345	-23.0
721	730	Other male reproductive system diagnoses w/o cc/mcc	383	335	-12.5
722	215	Other heart assist system implant	330	325	-1.5
723	599	Malignant breast disorders w/o cc/mcc	237	325	37.1
724	724	Malignancy, male reproductive system w/o cc/mcc	266	325	22.2
725	17	Autologous Bone Marrow Transplant w/o cc/mcc	339	320	-5.6
726	136	Sinus & mastoid procedures w/o cc/mcc	348	320	-8.0
727	692	Urinary stones w esw lithotripsy w/o cc/mcc	351	320	-8.8
728	290	Acute & subacute endocarditis w/o cc/mcc	276	305	10.5
729	777	Ectopic pregnancy	267	300	12.4
730	716	Other male reproductive system O.R. proc for malignancy w/o cc/mcc	374	275	-26.5
731	295	Deep vein thrombophlebitis w/o cc/mcc	380	270	-28.9
732	422	Hepatobiliary diagnostic procedures w/o cc/mcc	272	265	-2.6
733	782	Other antepartum diagnoses w/o medical complications	213	255	19.7
734	624	Skin grafts & wound debrid for endoc, nutrit & metab dis w/o cc/mcc	283	230	-18.7
735	790	Extreme immaturity or respiratory distress syndrome, neonate	-	225	-
736	791	Prematurity w major problems	-	210	-
737	959	Other O.R. procedures for multiple significant trauma w/o cc/mcc	240	210	-12.5
738	509	Arthroscopy	265	190	-28.3

Rank	MS-DRG	Discharges, N		Percent Difference
		CMS	HCUP NIS	
739	927 Extensive burns or full thickness burns w mv 96+ hrs w skin graft	213	190	-10.8
740	618 Amputat of lower limb for endocrine,nutrit,& metabol dis w/o cc/mcc	150	185	23.3
741	770 Abortion w d&c, aspiration curettage or hysterotomy	188	180	-4.3
742	779 Abortion w/o d&c	115	170	47.8
743	933 Extensive burns or full thickness burns w mv 96+ hrs w/o skin graft	185	160	-13.5
744	769 Postpartum & post abortion diagnoses w O.R. procedure	118	155	31.4
745	425 Other hepatobiliary or pancreas O.R. procedures w/o cc/mcc	119	135	13.4
746	22 Intracranial vascular procedures w pdx hemorrhage w/o cc/mcc	164	105	-36.0
747	10 Pancreas transplant	95	75	-21.1
748	970 HIV w extensive O.R. procedure w/o mcc	87	70	-19.5
749	780 False labor	53	65	22.6
750	768 Vaginal delivery w O.R. proc except steril &/or d&c	14	-	-

Source: Fiscal Year 2012 100% Medpar Short Stay Hospital Inpatient by DRG tables received by email from CMS on March 12, 2015.

Abbreviations: cc, complications or comorbidities; CMS, Centers for Medicare & Medicaid Services; G.I., gastrointestinal; HCUP, Healthcare Cost and Utilization Project, mcc, major complications or comorbidities; NIS, National Inpatient Sample; O.R., operating room; ptca, percutaneous transluminal coronary angioplasty