

Exhibit #1

List of Medicare Severity Diagnosis-Related Groups (MS-DRG) Relative Weights

For Inpatient Hospital Discharges Occurring on or after 1/1/2018

MS-DRG	MDC	TYPE	MS-DRG Title	Weights	Geometric mean LOS	Arithmetic mean LOS
1	PRE	SURG	HEART TRANSPLANT OR IMPLANT OF HEART ASSIST SYSTEM W MCC	25.4241	29	37
2	PRE	SURG	HEART TRANSPLANT OR IMPLANT OF HEART ASSIST SYSTEM W/O MCC	15.2462	16.8	20.2
3	PRE	SURG	ECMO OR TRACH W MV >96 HRS OR PDX EXC FACE, MOUTH & NECK W MAJ O.R.	17.6331	24.3	30.9
4	PRE	SURG	TRACH W MV >96 HRS OR PDX EXC FACE, MOUTH & NECK W/O MAJ O.R.	11.0663	19.4	23.8
5	PRE	SURG	LIVER TRANSPLANT W MCC OR INTESTINAL TRANSPLANT	10.4265	15.3	20.7
6	PRE	SURG	LIVER TRANSPLANT W/O MCC	4.4988	7.8	8.5
7	PRE	SURG	LUNG TRANSPLANT	9.787	16	18.7
8	PRE	SURG	SIMULTANEOUS PANCREAS/KIDNEY TRANSPLANT	5.0587	9.2	10.7
10	PRE	SURG	PANCREAS TRANSPLANT	4.3618	8.1	9
11	PRE	SURG	TRACHEOSTOMY FOR FACE, MOUTH & NECK DIAGNOSES W MCC	4.9187	10.9	13.5
12	PRE	SURG	TRACHEOSTOMY FOR FACE, MOUTH & NECK DIAGNOSES W CC	3.5218	8.5	9.7
13	PRE	SURG	TRACHEOSTOMY FOR FACE, MOUTH & NECK DIAGNOSES W/O CC/MCC	2.4058	6	6.8
14	PRE	SURG	ALLOGENEIC BONE MARROW TRANSPLANT	11.6347	23.9	27.4
16	PRE	SURG	AUTOLOGOUS BONE MARROW TRANSPLANT W CC/MCC	6.4418	17.4	18.8
17	PRE	SURG	AUTOLOGOUS BONE MARROW TRANSPLANT W/O CC/MCC	4.5209	9.6	12.5
20	01	SURG	INTRACRANIAL VASCULAR PROCEDURES W PDX HEMORRHAGE W MCC	9.9987	13.5	16.7
21	01	SURG	INTRACRANIAL VASCULAR PROCEDURES W PDX HEMORRHAGE W CC	7.5361	11.9	13.4
22	01	SURG	INTRACRANIAL VASCULAR PROCEDURES W PDX HEMORRHAGE W/O CC/MCC	5.7149	7	8.6
23	01	SURG	CRANIOTOMY W MAJOR DEVICE IMPLANT OR ACUTE CNS PDX W MCC OR CHEMOTHERAPY IMPLANT OR EPILEPSY W NEUROSTIMULATOR	5.4979	7.6	10.6
24	01	SURG	CRANIO W MAJOR DEV IMPL/ACUTE COMPLEX CNS PDX W/O MCC	3.8316	4.2	5.5
25	01	SURG	CRANIOTOMY & ENDOVASCULAR INTRACRANIAL PROCEDURES W MCC	4.3064	7	9.2
26	01	SURG	CRANIOTOMY & ENDOVASCULAR INTRACRANIAL PROCEDURES W CC	2.9991	4.2	5.6
27	01	SURG	CRANIOTOMY & ENDOVASCULAR INTRACRANIAL PROCEDURES W/O CC/MCC	2.3645	2.2	2.9
28	01	SURG	SPINAL PROCEDURES W MCC	5.5585	9.1	11.8

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29	01	SURG	SPINAL PROCEDURES W CC OR SPINAL NEUROSTIMULATORS	3.2738	4.2	5.7
30	01	SURG	SPINAL PROCEDURES W/O CC/MCC	2.1332	2.2	2.8
31	01	SURG	VENTRICULAR SHUNT PROCEDURES W MCC	4.0723	7	10.1
32	01	SURG	VENTRICULAR SHUNT PROCEDURES W CC	2.1276	3.2	4.5
33	01	SURG	VENTRICULAR SHUNT PROCEDURES W/O CC/MCC	1.699	1.9	2.4
34	01	SURG	CAROTID ARTERY STENT PROCEDURE W MCC	3.9913	5.2	7.6
35	01	SURG	CAROTID ARTERY STENT PROCEDURE W CC	2.2276	2.1	3.1
36	01	SURG	CAROTID ARTERY STENT PROCEDURE W/O CC/MCC	1.7638	1.3	1.5
37	01	SURG	EXTRACRANIAL PROCEDURES W MCC	3.1691	5.1	7.4
38	01	SURG	EXTRACRANIAL PROCEDURES W CC	1.5678	2.2	3.1
39	01	SURG	EXTRACRANIAL PROCEDURES W/O CC/MCC	1.1138	1.3	1.5
40	01	SURG	PERIPH/CRANIAL NERVE & OTHER NERV SYST PROC W MCC	3.8089	7.8	10.6
41	01	SURG	PERIPH/CRANIAL NERVE & OTHER NERV SYST PROC W CC OR PERIPH NEUROSTIM	2.331	4.4	5.5
42	01	SURG	PERIPH/CRANIAL NERVE & OTHER NERV SYST PROC W/O CC/MCC	1.9096	2.6	3.2
52	01	MED	SPINAL DISORDERS & INJURIES W CC/MCC	1.5089	4	5.4
53	01	MED	SPINAL DISORDERS & INJURIES W/O CC/MCC	0.933	2.7	3.2
54	01	MED	NERVOUS SYSTEM NEOPLASMS W MCC	1.3149	3.9	5.2
55	01	MED	NERVOUS SYSTEM NEOPLASMS W/O MCC	0.9995	2.9	3.9
56	01	MED	DEGENERATIVE NERVOUS SYSTEM DISORDERS W MCC	1.9134	5.4	7.7
57	01	MED	DEGENERATIVE NERVOUS SYSTEM DISORDERS W/O MCC	1.1351	3.8	5.4
58	01	MED	MULTIPLE SCLEROSIS & CEREBELLAR ATAXIA W MCC	1.638	5	6.6
59	01	MED	MULTIPLE SCLEROSIS & CEREBELLAR ATAXIA W CC	1.0725	3.7	4.6
60	01	MED	MULTIPLE SCLEROSIS & CEREBELLAR ATAXIA W/O CC/MCC	0.8449	3	3.6
61	01	MED	ISCHEMIC STROKE, PRECEREBRAL OCCLUSION OR TRANSIENT ISCHEMIA W THROMBOLYTIC AGENT W MCC	2.7982	5	6.4
62	01	MED	ISCHEMIC STROKE, PRECEREBRAL OCCLUSION OR TRANSIENT ISCHEMIA W THROMBOLYTIC AGENT W CC	1.9323	3.5	4.1
63	01	MED	ISCHEMIC STROKE, PRECEREBRAL OCCLUSION OR TRANSIENT ISCHEMIA W THROMBOLYTIC AGENT W/O CC/MCC	1.6171	2.6	2.9
64	01	MED	INTRACRANIAL HEMORRHAGE OR CEREBRAL INFARCTION W MCC	1.7691	4.4	6.1
65	01	MED	INTRACRANIAL HEMORRHAGE OR CEREBRAL INFARCTION W CC OR TPA IN 24 HRS	1.0313	3.1	3.8

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66	01	MED	INTRACRANIAL HEMORRHAGE OR CEREBRAL INFARCTION W/O CC/MCC	0.7467	2.2	2.6
67	01	MED	NONSPECIFIC CVA & PRECEREBRAL OCCLUSION W/O INFARCT W MCC	1.4131	3.5	4.8
68	01	MED	NONSPECIFIC CVA & PRECEREBRAL OCCLUSION W/O INFARCT W/O MCC	0.896	2.2	2.8
69	01	MED	TRANSIENT ISCHEMIA W/O THROMBOLYTIC	0.7522	2.1	2.5
70	01	MED	NONSPECIFIC CEREBROVASCULAR DISORDERS W MCC	1.6486	4.6	6.4
71	01	MED	NONSPECIFIC CEREBROVASCULAR DISORDERS W CC	0.9897	3.4	4.4
72	01	MED	NONSPECIFIC CEREBROVASCULAR DISORDERS W/O CC/MCC	0.7602	2.4	3
73	01	MED	CRANIAL & PERIPHERAL NERVE DISORDERS W MCC	1.4038	3.9	5.2
74	01	MED	CRANIAL & PERIPHERAL NERVE DISORDERS W/O MCC	0.9536	2.9	3.7
75	01	MED	VIRAL MENINGITIS W CC/MCC	1.6502	5	6.4
76	01	MED	VIRAL MENINGITIS W/O CC/MCC	0.9617	3.1	3.7
77	01	MED	HYPERTENSIVE ENCEPHALOPATHY W MCC	1.572	4.3	5.5
78	01	MED	HYPERTENSIVE ENCEPHALOPATHY W CC	0.9933	3.2	3.9
79	01	MED	HYPERTENSIVE ENCEPHALOPATHY W/O CC/MCC	0.7684	2.3	2.7
80	01	MED	NONTRAUMATIC STUPOR & COMA W MCC	1.7369	4.5	6.6
81	01	MED	NONTRAUMATIC STUPOR & COMA W/O MCC	0.7557	2.5	3.3
82	01	MED	TRAUMATIC STUPOR & COMA, COMA >1 HR W MCC	2.1586	3.8	6.3
83	01	MED	TRAUMATIC STUPOR & COMA, COMA >1 HR W CC	1.2567	3.3	4.2
84	01	MED	TRAUMATIC STUPOR & COMA, COMA >1 HR W/O CC/MCC	0.9002	2.2	2.7
85	01	MED	TRAUMATIC STUPOR & COMA, COMA <1 HR W MCC	2.0486	4.8	6.6
86	01	MED	TRAUMATIC STUPOR & COMA, COMA <1 HR W CC	1.1826	3.2	4.1
87	01	MED	TRAUMATIC STUPOR & COMA, COMA <1 HR W/O CC/MCC	0.8321	2.2	2.7
88	01	MED	CONCUSSION W MCC	1.4045	3.5	4.5
89	01	MED	CONCUSSION W CC	1.0068	2.7	3.3
90	01	MED	CONCUSSION W/O CC/MCC	0.7907	2	2.3
91	01	MED	OTHER DISORDERS OF NERVOUS SYSTEM W MCC	1.5403	4.1	5.6
92	01	MED	OTHER DISORDERS OF NERVOUS SYSTEM W CC	0.9368	3	3.9
93	01	MED	OTHER DISORDERS OF NERVOUS SYSTEM W/O CC/MCC	0.7294	2.2	2.7
94	01	MED	BACTERIAL & TUBERCULOUS INFECTIONS OF NERVOUS SYSTEM W MCC	3.4149	7.7	10.2

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95	01	MED	BACTERIAL & TUBERCULOUS INFECTIONS OF NERVOUS SYSTEM W CC	2.3516	5.8	7
96	01	MED	BACTERIAL & TUBERCULOUS INFECTIONS OF NERVOUS SYSTEM W/O CC/MCC	2.2186	4.7	5.5
97	01	MED	NON-BACTERIAL INFECT OF NERVOUS SYS EXC VIRAL MENINGITIS W MCC	3.4035	8.5	11.3
98	01	MED	NON-BACTERIAL INFECT OF NERVOUS SYS EXC VIRAL MENINGITIS W CC	1.8737	5.5	7.3
99	01	MED	NON-BACTERIAL INFECT OF NERVOUS SYS EXC VIRAL MENINGITIS W/O CC/MCC	1.2061	3.6	4.6
100	01	MED	SEIZURES W MCC	1.6487	4.2	5.7
101	01	MED	SEIZURES W/O MCC	0.8313	2.6	3.3
102	01	MED	HEADACHES W MCC	1.0606	3	4.1
103	01	MED	HEADACHES W/O MCC	0.7499	2.3	2.9
113	02	SURG	ORBITAL PROCEDURES W CC/MCC	2.1864	4.2	5.8
114	02	SURG	ORBITAL PROCEDURES W/O CC/MCC	1.2798	2.3	3
115	02	SURG	EXTRAOCULAR PROCEDURES EXCEPT ORBIT	1.4939	3.9	4.9
116	02	SURG	INTRAOCULAR PROCEDURES W CC/MCC	1.499	3.2	4.7
117	02	SURG	INTRAOCULAR PROCEDURES W/O CC/MCC	0.998	2.1	2.8
121	02	MED	ACUTE MAJOR EYE INFECTIONS W CC/MCC	0.9862	3.7	4.7
122	02	MED	ACUTE MAJOR EYE INFECTIONS W/O CC/MCC	0.7638	3.3	4.1
123	02	MED	NEUROLOGICAL EYE DISORDERS	0.749	2.1	2.6
124	02	MED	OTHER DISORDERS OF THE EYE W MCC	1.2491	3.6	4.9
125	02	MED	OTHER DISORDERS OF THE EYE W/O MCC	0.7721	2.6	3.3
129	03	SURG	MAJOR HEAD & NECK PROCEDURES W CC/MCC OR MAJOR DEVICE	2.2915	3.7	5.3
130	03	SURG	MAJOR HEAD & NECK PROCEDURES W/O CC/MCC	1.4371	2.3	2.9
131	03	SURG	CRANIAL/FACIAL PROCEDURES W CC/MCC	2.5713	4.4	6.1
132	03	SURG	CRANIAL/FACIAL PROCEDURES W/O CC/MCC	1.5548	2.2	2.8
133	03	SURG	OTHER EAR, NOSE, MOUTH & THROAT O.R. PROCEDURES W CC/MCC	1.9854	3.8	5.4
134	03	SURG	OTHER EAR, NOSE, MOUTH & THROAT O.R. PROCEDURES W/O CC/MCC	1.1606	2	2.5
135	03	SURG	SINUS & MASTOID PROCEDURES W CC/MCC	2.2711	4.5	6.3
136	03	SURG	SINUS & MASTOID PROCEDURES W/O CC/MCC	1.299	2	2.7
137	03	SURG	MOUTH PROCEDURES W CC/MCC	1.3635	3.6	4.7
138	03	SURG	MOUTH PROCEDURES W/O CC/MCC	0.8654	2	2.5
139	03	SURG	SALIVARY GLAND PROCEDURES	1.1152	1.9	2.7
146	03	MED	EAR, NOSE, MOUTH & THROAT MALIGNANCY W MCC	1.9226	5.4	7.8
147	03	MED	EAR, NOSE, MOUTH & THROAT MALIGNANCY W CC	1.2505	3.7	5
148	03	MED	EAR, NOSE, MOUTH & THROAT MALIGNANCY W/O CC/MCC	0.8138	2.2	2.9
149	03	MED	DYSEQUILIBRIUM	0.7043	2.1	2.5
150	03	MED	EPISTAXIS W MCC	1.3229	3.5	4.7

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151	03	MED	EPISTAXIS W/O MCC	0.732	2.3	2.8
152	03	MED	OTITIS MEDIA & URI W MCC	1.0512	3.2	4.1
153	03	MED	OTITIS MEDIA & URI W/O MCC	0.7151	2.4	2.9
154	03	MED	OTHER EAR, NOSE, MOUTH & THROAT DIAGNOSES W MCC	1.4529	4.1	5.5
155	03	MED	OTHER EAR, NOSE, MOUTH & THROAT DIAGNOSES W CC	0.8975	3	3.7
156	03	MED	OTHER EAR, NOSE, MOUTH & THROAT DIAGNOSES W/O CC/MCC	0.6656	2.2	2.7
157	03	MED	DENTAL & ORAL DISEASES W MCC	1.5468	4.4	5.8
158	03	MED	DENTAL & ORAL DISEASES W CC	0.8886	3	3.7
159	03	MED	DENTAL & ORAL DISEASES W/O CC/MCC	0.6733	2.2	2.6
163	04	SURG	MAJOR CHEST PROCEDURES W MCC	4.9507	10	12.5
164	04	SURG	MAJOR CHEST PROCEDURES W CC	2.5786	5.1	6.1
165	04	SURG	MAJOR CHEST PROCEDURES W/O CC/MCC	1.8506	3.1	3.7
166	04	SURG	OTHER RESP SYSTEM O.R. PROCEDURES W MCC	3.5476	8.1	10.4
167	04	SURG	OTHER RESP SYSTEM O.R. PROCEDURES W CC	1.8496	4.5	5.7
168	04	SURG	OTHER RESP SYSTEM O.R. PROCEDURES W/O CC/MCC	1.2901	2.5	3.1
175	04	MED	PULMONARY EMBOLISM W MCC	1.468	4.4	5.5
176	04	MED	PULMONARY EMBOLISM W/O MCC	0.8953	2.9	3.6
177	04	MED	RESPIRATORY INFECTIONS & INFLAMMATIONS W MCC	1.8509	5.7	7.1
178	04	MED	RESPIRATORY INFECTIONS & INFLAMMATIONS W CC	1.2955	4.5	5.4
179	04	MED	RESPIRATORY INFECTIONS & INFLAMMATIONS W/O CC/MCC	0.9301	3.4	4.1
180	04	MED	RESPIRATORY NEOPLASMS W MCC	1.6894	5	6.5
181	04	MED	RESPIRATORY NEOPLASMS W CC	1.1561	3.5	4.6
182	04	MED	RESPIRATORY NEOPLASMS W/O CC/MCC	0.8449	2.4	3.1
183	04	MED	MAJOR CHEST TRAUMA W MCC	1.4768	4.5	5.6
184	04	MED	MAJOR CHEST TRAUMA W CC	1.0149	3.3	3.9
185	04	MED	MAJOR CHEST TRAUMA W/O CC/MCC	0.7589	2.5	2.9
186	04	MED	PLEURAL EFFUSION W MCC	1.5247	4.5	5.8
187	04	MED	PLEURAL EFFUSION W CC	1.0569	3.3	4.2
188	04	MED	PLEURAL EFFUSION W/O CC/MCC	0.7993	2.5	3.2
189	04	MED	PULMONARY EDEMA & RESPIRATORY FAILURE	1.2198	3.7	4.8
190	04	MED	CHRONIC OBSTRUCTIVE PULMONARY DISEASE W MCC	1.1528	3.8	4.6
191	04	MED	CHRONIC OBSTRUCTIVE PULMONARY DISEASE W CC	0.9178	3.1	3.8
192	04	MED	CHRONIC OBSTRUCTIVE PULMONARY DISEASE W/O CC/MCC	0.7266	2.6	3
193	04	MED	SIMPLE PNEUMONIA & PLEURISY W MCC	1.3733	4.5	5.4
194	04	MED	SIMPLE PNEUMONIA & PLEURISY W CC	0.9333	3.4	4.1

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195	04	MED	SIMPLE PNEUMONIA & PLEURISY W/O CC/MCC	0.71	2.7	3.2
196	04	MED	INTERSTITIAL LUNG DISEASE W MCC	1.5964	5	6.3
197	04	MED	INTERSTITIAL LUNG DISEASE W CC	1.0449	3.4	4.2
198	04	MED	INTERSTITIAL LUNG DISEASE W/O CC/MCC	0.7825	2.6	3.1
199	04	MED	PNEUMOTHORAX W MCC	1.8067	5.4	6.9
200	04	MED	PNEUMOTHORAX W CC	1.0612	3.4	4.2
201	04	MED	PNEUMOTHORAX W/O CC/MCC	0.7601	2.5	3.1
202	04	MED	BRONCHITIS & ASTHMA W CC/MCC	0.9262	3.1	3.8
203	04	MED	BRONCHITIS & ASTHMA W/O CC/MCC	0.7056	2.4	2.9
204	04	MED	RESPIRATORY SIGNS & SYMPTOMS	0.7662	2.2	2.8
205	04	MED	OTHER RESPIRATORY SYSTEM DIAGNOSES W MCC	1.4928	4	5.4
206	04	MED	OTHER RESPIRATORY SYSTEM DIAGNOSES W/O MCC	0.8518	2.5	3.1
207	04	MED	RESPIRATORY SYSTEM DIAGNOSIS W VENTILATOR SUPPORT >96 HOURS	5.4864	12.2	14.1
208	04	MED	RESPIRATORY SYSTEM DIAGNOSIS W VENTILATOR SUPPORT <=96 HOURS	2.3682	4.9	6.7
215	05	SURG	OTHER HEART ASSIST SYSTEM IMPLANT	12.8861	7.2	11.9
216	05	SURG	CARDIAC VALVE & OTH MAJ CARDIOTHORACIC PROC W CARD CATH W MCC	9.497	11.2	14.4
217	05	SURG	CARDIAC VALVE & OTH MAJ CARDIOTHORACIC PROC W CARD CATH W CC	6.2785	7.4	8.9
218	05	SURG	CARDIAC VALVE & OTH MAJ CARDIOTHORACIC PROC W CARD CATH W/O CC/MCC	5.685	4.7	5.9
219	05	SURG	CARDIAC VALVE & OTH MAJ CARDIOTHORACIC PROC W/O CARD CATH W MCC	7.6046	9.2	11.2
220	05	SURG	CARDIAC VALVE & OTH MAJ CARDIOTHORACIC PROC W/O CARD CATH W CC	5.1391	6.2	6.8
221	05	SURG	CARDIAC VALVE & OTH MAJ CARDIOTHORACIC PROC W/O CARD CATH W/O CC/MCC	4.5842	4.5	5
222	05	SURG	CARDIAC DEFIB IMPLANT W CARDIAC CATH W AMI/HF/SHOCK W MCC	8.4862	10.1	12.1
223	05	SURG	CARDIAC DEFIB IMPLANT W CARDIAC CATH W AMI/HF/SHOCK W/O MCC	6.4424	5.6	6.8
224	05	SURG	CARDIAC DEFIB IMPLANT W CARDIAC CATH W/O AMI/HF/SHOCK W MCC	7.3416	7.4	9.1
225	05	SURG	CARDIAC DEFIB IMPLANT W CARDIAC CATH W/O AMI/HF/SHOCK W/O MCC	5.6618	4.1	4.8
226	05	SURG	CARDIAC DEFIBRILLATOR IMPLANT W/O CARDIAC CATH W MCC	6.7968	6.5	8.5
227	05	SURG	CARDIAC DEFIBRILLATOR IMPLANT W/O CARDIAC CATH W/O MCC	5.4047	3.3	4.4
228	05	SURG	OTHER CARDIOTHORACIC PROCEDURES W MCC	6.5943	6.8	9.8
229	05	SURG	OTHER CARDIOTHORACIC PROCEDURES W/O MCC	4.5819	3.6	4.8

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231	05	SURG	CORONARY BYPASS W PTCA W MCC	8.113	10.2	12
232	05	SURG	CORONARY BYPASS W PTCA W/O MCC	5.8397	7.7	8.5
233	05	SURG	CORONARY BYPASS W CARDIAC CATH W MCC	7.3437	11.5	12.9
234	05	SURG	CORONARY BYPASS W CARDIAC CATH W/O MCC	5.0569	8.1	8.7
235	05	SURG	CORONARY BYPASS W/O CARDIAC CATH W MCC	5.7784	8.8	10.1
236	05	SURG	CORONARY BYPASS W/O CARDIAC CATH W/O MCC	3.8836	6	6.5
239	05	SURG	AMPUTATION FOR CIRC SYS DISORDERS EXC UPPER LIMB & TOE W MCC	4.6459	10.2	13
240	05	SURG	AMPUTATION FOR CIRC SYS DISORDERS EXC UPPER LIMB & TOE W CC	2.6671	6.9	8.4
241	05	SURG	AMPUTATION FOR CIRC SYS DISORDERS EXC UPPER LIMB & TOE W/O CC/MCC	1.4776	4.3	5.1
242	05	SURG	PERMANENT CARDIAC PACEMAKER IMPLANT W MCC	3.7054	5.5	7
243	05	SURG	PERMANENT CARDIAC PACEMAKER IMPLANT W CC	2.6089	3.4	4.2
244	05	SURG	PERMANENT CARDIAC PACEMAKER IMPLANT W/O CC/MCC	2.1396	2.4	2.8
245	05	SURG	AICD GENERATOR PROCEDURES	5.4528	4.5	6.4
246	05	SURG	PERCUTANEOUS CARDIOVASCULAR PROCEDURES W DRUG-ELUTING STENT W MCC OR 4+ ARTERIES OR STENTS	3.2103	4.2	5.5
247	05	SURG	PERC CARDIOVASC PROC W DRUG-ELUTING STENT W/O MCC	2.1158	2.2	2.6
248	05	SURG	PERCUTANEOUS CARDIOVASCULAR PROCEDURES W NON-DRUG-ELUTING STENT W MCC OR 4+ ARTERIES OR STENTS	3.0479	4.8	6.3
249	05	SURG	PERC CARDIOVASC PROC W NON-DRUG-ELUTING STENT W/O MCC	1.957	2.5	3
250	05	SURG	PERC CARDIOVASC PROC W/O CORONARY ARTERY STENT W MCC	2.506	4	5.3
251	05	SURG	PERC CARDIOVASC PROC W/O CORONARY ARTERY STENT W/O MCC	1.6629	2.3	2.7
252	05	SURG	OTHER VASCULAR PROCEDURES W MCC	3.2335	5.4	7.6
253	05	SURG	OTHER VASCULAR PROCEDURES W CC	2.5349	4.2	5.5
254	05	SURG	OTHER VASCULAR PROCEDURES W/O CC/MCC	1.8129	2.3	2.9
255	05	SURG	UPPER LIMB & TOE AMPUTATION FOR CIRC SYSTEM DISORDERS W MCC	2.5155	6.6	8.3
256	05	SURG	UPPER LIMB & TOE AMPUTATION FOR CIRC SYSTEM DISORDERS W CC	1.7434	5.3	6.3
257	05	SURG	UPPER LIMB & TOE AMPUTATION FOR CIRC SYSTEM DISORDERS W/O CC/MCC	1.1261	3.4	4.1
258	05	SURG	CARDIAC PACEMAKER DEVICE REPLACEMENT W MCC	3.0819	4.9	6.4

Exhibit #1

List of Medicare Severity Diagnosis-Related Groups (MS-DRG) Relative Weights

For Inpatient Hospital Discharges Occurring on or after 1/1/2018

MS-DRG	MDC	TYPE	MS-DRG Title	Weights	Geometric mean LOS	Arithmetic mean LOS
259	05	SURG	CARDIAC PACEMAKER DEVICE REPLACEMENT W/O MCC	2.087	2.8	3.5
260	05	SURG	CARDIAC PACEMAKER REVISION EXCEPT DEVICE REPLACEMENT W MCC	3.5869	6.9	9.3
261	05	SURG	CARDIAC PACEMAKER REVISION EXCEPT DEVICE REPLACEMENT W CC	1.9374	3.3	4.2
262	05	SURG	CARDIAC PACEMAKER REVISION EXCEPT DEVICE REPLACEMENT W/O CC/MCC	1.6511	2.4	2.8
263	05	SURG	VEIN LIGATION & STRIPPING	2.3373	4.4	6.1
264	05	SURG	OTHER CIRCULATORY SYSTEM O.R. PROCEDURES	3.2176	6.7	9.3
265	05	SURG	AICD LEAD PROCEDURES	3.3368	3.7	5
266	05	SURG	ENDOVASCULAR CARDIAC VALVE REPLACEMENT W MCC	7.7516	5	7.2
267	05	SURG	ENDOVASCULAR CARDIAC VALVE REPLACEMENT W/O MCC	6.1053	2.9	3.5
268	05	SURG	AORTIC AND HEART ASSIST PROCEDURES EXCEPT PULSATION BALLOON W MCC	6.5239	6.6	9.6
269	05	SURG	AORTIC AND HEART ASSIST PROCEDURES EXCEPT PULSATION BALLOON W/O MCC	4.1553	1.8	2.5
270	05	SURG	OTHER MAJOR CARDIOVASCULAR PROCEDURES W MCC	4.9406	6.5	9.5
271	05	SURG	OTHER MAJOR CARDIOVASCULAR PROCEDURES W CC	3.3833	4.4	5.8
272	05	SURG	OTHER MAJOR CARDIOVASCULAR PROCEDURES W/O CC/MCC	2.4538	2.2	2.8
273	05	SURG	PERCUTANEOUS INTRACARDIAC PROCEDURES W MCC	3.5792	5.7	7.7
274	05	SURG	PERCUTANEOUS INTRACARDIAC PROCEDURES W/O MCC	2.7685	2.3	3
280	05	MED	ACUTE MYOCARDIAL INFARCTION, DISCHARGED ALIVE W MCC	1.6579	4.3	5.5
281	05	MED	ACUTE MYOCARDIAL INFARCTION, DISCHARGED ALIVE W CC	0.9848	2.7	3.4
282	05	MED	ACUTE MYOCARDIAL INFARCTION, DISCHARGED ALIVE W/O CC/MCC	0.7587	1.9	2.3
283	05	MED	ACUTE MYOCARDIAL INFARCTION, EXPIRED W MCC	1.7573	3	4.8
284	05	MED	ACUTE MYOCARDIAL INFARCTION, EXPIRED W CC	0.7872	1.7	2.4
285	05	MED	ACUTE MYOCARDIAL INFARCTION, EXPIRED W/O CC/MCC	0.5533	1.3	1.4
286	05	MED	CIRCULATORY DISORDERS EXCEPT AMI, W CARD CATH W MCC	2.2281	5.3	7.1
287	05	MED	CIRCULATORY DISORDERS EXCEPT AMI, W CARD CATH W/O MCC	1.1751	2.5	3.3
288	05	MED	ACUTE & SUBACUTE ENDOCARDITIS W MCC	2.7084	7.3	9.6

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For Inpatient Hospital Discharges Occurring on or after 1/1/2018

MS-DRG	MDC	TYPE	MS-DRG Title	Weights	Geometric mean LOS	Arithmetic mean LOS
289	05	MED	ACUTE & SUBACUTE ENDOCARDITIS W CC	1.6947	5.4	6.7
290	05	MED	ACUTE & SUBACUTE ENDOCARDITIS W/O CC/MCC	1.0907	3.9	4.6
291	05	MED	HEART FAILURE & SHOCK W MCC	1.4761	4.5	5.7
292	05	MED	HEART FAILURE & SHOCK W CC	0.9589	3.5	4.2
293	05	MED	HEART FAILURE & SHOCK W/O CC/MCC	0.6737	2.5	3
294	05	MED	DEEP VEIN THROMBOPHLEBITIS W CC/MCC	1.0214	3.6	4.5
295	05	MED	DEEP VEIN THROMBOPHLEBITIS W/O CC/MCC	0.7856	3	3.6
296	05	MED	CARDIAC ARREST, UNEXPLAINED W MCC	1.4903	2	3.1
297	05	MED	CARDIAC ARREST, UNEXPLAINED W CC	0.657	1.3	1.6
298	05	MED	CARDIAC ARREST, UNEXPLAINED W/O CC/MCC	0.4849	1.1	1.2
299	05	MED	PERIPHERAL VASCULAR DISORDERS W MCC	1.4112	4	5.3
300	05	MED	PERIPHERAL VASCULAR DISORDERS W CC	1.0184	3.3	4.2
301	05	MED	PERIPHERAL VASCULAR DISORDERS W/O CC/MCC	0.7251	2.4	3
302	05	MED	ATHEROSCLEROSIS W MCC	1.0729	2.8	3.9
303	05	MED	ATHEROSCLEROSIS W/O MCC	0.663	1.9	2.3
304	05	MED	HYPERTENSION W MCC	1.0485	3.1	4.1
305	05	MED	HYPERTENSION W/O MCC	0.6917	2.1	2.6
306	05	MED	CARDIAC CONGENITAL & VALVULAR DISORDERS W MCC	1.362	3.8	5.1
307	05	MED	CARDIAC CONGENITAL & VALVULAR DISORDERS W/O MCC	0.8274	2.5	3.1
308	05	MED	CARDIAC ARRHYTHMIA & CONDUCTION DISORDERS W MCC	1.1885	3.6	4.6
309	05	MED	CARDIAC ARRHYTHMIA & CONDUCTION DISORDERS W CC	0.7721	2.5	3.1
310	05	MED	CARDIAC ARRHYTHMIA & CONDUCTION DISORDERS W/O CC/MCC	0.5626	1.9	2.3
311	05	MED	ANGINA PECTORIS	0.6793	1.9	2.4
312	05	MED	SYNCOPE & COLLAPSE	0.7965	2.4	2.9
313	05	MED	CHEST PAIN	0.7025	1.8	2.2
314	05	MED	OTHER CIRCULATORY SYSTEM DIAGNOSES W MCC	1.958	4.8	6.5
315	05	MED	OTHER CIRCULATORY SYSTEM DIAGNOSES W CC	0.9658	2.9	3.7
316	05	MED	OTHER CIRCULATORY SYSTEM DIAGNOSES W/O CC/MCC	0.7402	2	2.5
326	06	SURG	STOMACH, ESOPHAGEAL & DUODENAL PROC W MCC	4.5472	8.8	12
327	06	SURG	STOMACH, ESOPHAGEAL & DUODENAL PROC W CC	2.1159	4.6	6
328	06	SURG	STOMACH, ESOPHAGEAL & DUODENAL PROC W/O CC/MCC	1.5042	2.4	3
329	06	SURG	MAJOR SMALL & LARGE BOWEL PROCEDURES W MCC	4.9129	10.8	13.5

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MS-DRG	MDC	TYPE	MS-DRG Title	Weights	Geometric mean LOS	Arithmetic mean LOS
330	06	SURG	MAJOR SMALL & LARGE BOWEL PROCEDURES W CC	2.4685	6.3	7.5
331	06	SURG	MAJOR SMALL & LARGE BOWEL PROCEDURES W/O CC/MCC	1.6757	3.8	4.3
332	06	SURG	RECTAL RESECTION W MCC	3.8214	7.7	9.6
333	06	SURG	RECTAL RESECTION W CC	1.9925	4.4	5.5
334	06	SURG	RECTAL RESECTION W/O CC/MCC	1.2967	2.5	3.1
335	06	SURG	PERITONEAL ADHESIOLYSIS W MCC	4.0939	10.3	12.5
336	06	SURG	PERITONEAL ADHESIOLYSIS W CC	2.3395	6.5	7.9
337	06	SURG	PERITONEAL ADHESIOLYSIS W/O CC/MCC	1.6182	4	5
338	06	SURG	APPENDECTOMY W COMPLICATED PRINCIPAL DIAG W MCC	2.7642	6.5	8.2
339	06	SURG	APPENDECTOMY W COMPLICATED PRINCIPAL DIAG W CC	1.7051	4.3	5.3
340	06	SURG	APPENDECTOMY W COMPLICATED PRINCIPAL DIAG W/O CC/MCC	1.1999	2.5	3
341	06	SURG	APPENDECTOMY W/O COMPLICATED PRINCIPAL DIAG W MCC	2.4882	4.6	6.4
342	06	SURG	APPENDECTOMY W/O COMPLICATED PRINCIPAL DIAG W CC	1.4884	2.8	3.7
343	06	SURG	APPENDECTOMY W/O COMPLICATED PRINCIPAL DIAG W/O CC/MCC	1.0559	1.7	2.1
344	06	SURG	MINOR SMALL & LARGE BOWEL PROCEDURES W MCC	2.7516	7.2	9.6
345	06	SURG	MINOR SMALL & LARGE BOWEL PROCEDURES W CC	1.5607	4.5	5.7
346	06	SURG	MINOR SMALL & LARGE BOWEL PROCEDURES W/O CC/MCC	1.1006	3.2	3.7
347	06	SURG	ANAL & STOMAL PROCEDURES W MCC	2.6289	6.3	8.4
348	06	SURG	ANAL & STOMAL PROCEDURES W CC	1.4118	3.7	4.8
349	06	SURG	ANAL & STOMAL PROCEDURES W/O CC/MCC	1.0147	2.5	3
350	06	SURG	INGUINAL & FEMORAL HERNIA PROCEDURES W MCC	2.4605	5.2	7.1
351	06	SURG	INGUINAL & FEMORAL HERNIA PROCEDURES W CC	1.4893	3.4	4.3
352	06	SURG	INGUINAL & FEMORAL HERNIA PROCEDURES W/O CC/MCC	1.0375	2.1	2.5
353	06	SURG	HERNIA PROCEDURES EXCEPT INGUINAL & FEMORAL W MCC	3.0098	6.2	8.1
354	06	SURG	HERNIA PROCEDURES EXCEPT INGUINAL & FEMORAL W CC	1.7237	3.9	4.8
355	06	SURG	HERNIA PROCEDURES EXCEPT INGUINAL & FEMORAL W/O CC/MCC	1.3206	2.6	3.1
356	06	SURG	OTHER DIGESTIVE SYSTEM O.R. PROCEDURES W MCC	3.8054	7.8	10.5
357	06	SURG	OTHER DIGESTIVE SYSTEM O.R. PROCEDURES W CC	2.0998	4.8	6.1

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MS-DRG	MDC	TYPE	MS-DRG Title	Weights	Geometric mean LOS	Arithmetic mean LOS
358	06	SURG	OTHER DIGESTIVE SYSTEM O.R. PROCEDURES W/O CC/MCC	1.4082	2.9	3.7
368	06	MED	MAJOR ESOPHAGEAL DISORDERS W MCC	1.8374	4.6	6.1
369	06	MED	MAJOR ESOPHAGEAL DISORDERS W CC	1.0879	3.2	3.9
370	06	MED	MAJOR ESOPHAGEAL DISORDERS W/O CC/MCC	0.7471	2.3	2.8
371	06	MED	MAJOR GASTROINTESTINAL DISORDERS & PERITONEAL INFECTIONS W MCC	1.7246	5.5	7.1
372	06	MED	MAJOR GASTROINTESTINAL DISORDERS & PERITONEAL INFECTIONS W CC	1.059	4.1	5
373	06	MED	MAJOR GASTROINTESTINAL DISORDERS & PERITONEAL INFECTIONS W/O CC/MCC	0.7623	3.2	3.8
374	06	MED	DIGESTIVE MALIGNANCY W MCC	2.0015	5.6	7.6
375	06	MED	DIGESTIVE MALIGNANCY W CC	1.2347	3.8	5
376	06	MED	DIGESTIVE MALIGNANCY W/O CC/MCC	0.9402	2.6	3.2
377	06	MED	G.I. HEMORRHAGE W MCC	1.7142	4.5	5.7
378	06	MED	G.I. HEMORRHAGE W CC	0.9704	3.1	3.6
379	06	MED	G.I. HEMORRHAGE W/O CC/MCC	0.6447	2.2	2.5
380	06	MED	COMPLICATED PEPTIC ULCER W MCC	1.8969	5.1	6.7
381	06	MED	COMPLICATED PEPTIC ULCER W CC	1.0782	3.4	4.1
382	06	MED	COMPLICATED PEPTIC ULCER W/O CC/MCC	0.8033	2.5	3
383	06	MED	UNCOMPLICATED PEPTIC ULCER W MCC	1.345	3.9	5
384	06	MED	UNCOMPLICATED PEPTIC ULCER W/O MCC	0.8767	2.7	3.3
385	06	MED	INFLAMMATORY BOWEL DISEASE W MCC	1.6535	5.4	7.2
386	06	MED	INFLAMMATORY BOWEL DISEASE W CC	0.9619	3.6	4.4
387	06	MED	INFLAMMATORY BOWEL DISEASE W/O CC/MCC	0.7349	2.8	3.4
388	06	MED	G.I. OBSTRUCTION W MCC	1.524	4.9	6.4
389	06	MED	G.I. OBSTRUCTION W CC	0.8537	3.4	4.1
390	06	MED	G.I. OBSTRUCTION W/O CC/MCC	0.5966	2.6	3
391	06	MED	ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS W MCC	1.2351	3.8	5
392	06	MED	ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS W/O MCC	0.7594	2.7	3.3
393	06	MED	OTHER DIGESTIVE SYSTEM DIAGNOSES W MCC	1.6407	4.6	6.3
394	06	MED	OTHER DIGESTIVE SYSTEM DIAGNOSES W CC	0.943	3.2	4.1
395	06	MED	OTHER DIGESTIVE SYSTEM DIAGNOSES W/O CC/MCC	0.6747	2.4	2.9
405	07	SURG	PANCREAS, LIVER & SHUNT PROCEDURES W MCC	5.2847	9.9	13.1
406	07	SURG	PANCREAS, LIVER & SHUNT PROCEDURES W CC	2.7939	5.7	7.1
407	07	SURG	PANCREAS, LIVER & SHUNT PROCEDURES W/O CC/MCC	2.0171	4.1	4.8
408	07	SURG	BILIARY TRACT PROC EXCEPT ONLY CHOLECYST W OR W/O C.D.E. W MCC	3.9456	9.2	11.8
409	07	SURG	BILIARY TRACT PROC EXCEPT ONLY CHOLECYST W OR W/O C.D.E. W CC	2.3301	6	7.2

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410	07	SURG	BILIARY TRACT PROC EXCEPT ONLY CHOLECYST W OR W/O C.D.E. W/O CC/MCC	1.7282	4.2	4.8
411	07	SURG	CHOLECYSTECTOMY W C.D.E. W MCC	3.2989	7.8	9.5
412	07	SURG	CHOLECYSTECTOMY W C.D.E. W CC	2.3747	5.5	6.7
413	07	SURG	CHOLECYSTECTOMY W C.D.E. W/O CC/MCC	1.6868	3.6	4.3
414	07	SURG	CHOLECYSTECTOMY EXCEPT BY LAPAROSCOPE W/O C.D.E. W MCC	3.5466	8.1	10
415	07	SURG	CHOLECYSTECTOMY EXCEPT BY LAPAROSCOPE W/O C.D.E. W CC	2.0206	5.3	6.2
416	07	SURG	CHOLECYSTECTOMY EXCEPT BY LAPAROSCOPE W/O C.D.E. W/O CC/MCC	1.4023	3.4	3.9
417	07	SURG	LAPAROSCOPIC CHOLECYSTECTOMY W/O C.D.E. W MCC	2.3913	5.4	6.7
418	07	SURG	LAPAROSCOPIC CHOLECYSTECTOMY W/O C.D.E. W CC	1.6664	3.8	4.5
419	07	SURG	LAPAROSCOPIC CHOLECYSTECTOMY W/O C.D.E. W/O CC/MCC	1.3053	2.5	3
420	07	SURG	HEPATOBIILIARY DIAGNOSTIC PROCEDURES W MCC	4.0582	8.1	11.5
421	07	SURG	HEPATOBIILIARY DIAGNOSTIC PROCEDURES W CC	1.8832	4.2	5.6
422	07	SURG	HEPATOBIILIARY DIAGNOSTIC PROCEDURES W/O CC/MCC	1.5568	3.1	3.8
423	07	SURG	OTHER HEPATOBIILIARY OR PANCREAS O.R. PROCEDURES W MCC	3.7853	8.5	11.6
424	07	SURG	OTHER HEPATOBIILIARY OR PANCREAS O.R. PROCEDURES W CC	2.2354	5.9	7.7
425	07	SURG	OTHER HEPATOBIILIARY OR PANCREAS O.R. PROCEDURES W/O CC/MCC	1.6022	3.6	4.3
432	07	MED	CIRRHOIS & ALCOHOLIC HEPATITIS W MCC	1.8004	4.8	6.5
433	07	MED	CIRRHOIS & ALCOHOLIC HEPATITIS W CC	1.0214	3.4	4.3
434	07	MED	CIRRHOIS & ALCOHOLIC HEPATITIS W/O CC/MCC	0.6283	2.3	2.7
435	07	MED	MALIGNANCY OF HEPATOBIILIARY SYSTEM OR PANCREAS W MCC	1.6702	4.9	6.4
436	07	MED	MALIGNANCY OF HEPATOBIILIARY SYSTEM OR PANCREAS W CC	1.1355	3.6	4.7
437	07	MED	MALIGNANCY OF HEPATOBIILIARY SYSTEM OR PANCREAS W/O CC/MCC	0.9093	2.6	3.3
438	07	MED	DISORDERS OF PANCREAS EXCEPT MALIGNANCY W MCC	1.6594	4.8	6.5
439	07	MED	DISORDERS OF PANCREAS EXCEPT MALIGNANCY W CC	0.8741	3.3	4.1
440	07	MED	DISORDERS OF PANCREAS EXCEPT MALIGNANCY W/O CC/MCC	0.6381	2.5	3
441	07	MED	DISORDERS OF LIVER EXCEPT MALIG,CIRR,ALC HEPA W MCC	1.8158	4.7	6.5

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MS-DRG	MDC	TYPE	MS-DRG Title	Weights	Geometric mean LOS	Arithmetic mean LOS
442	07	MED	DISORDERS OF LIVER EXCEPT MALIG,CIRR,ALC HEPA W CC	0.9394	3.3	4.1
443	07	MED	DISORDERS OF LIVER EXCEPT MALIG,CIRR,ALC HEPA W/O CC/MCC	0.6788	2.5	3
444	07	MED	DISORDERS OF THE BILIARY TRACT W MCC	1.5997	4.4	5.8
445	07	MED	DISORDERS OF THE BILIARY TRACT W CC	1.0581	3.2	3.9
446	07	MED	DISORDERS OF THE BILIARY TRACT W/O CC/MCC	0.7916	2.3	2.8
453	08	SURG	COMBINED ANTERIOR/POSTERIOR SPINAL FUSION W MCC	9.7406	7.6	9.8
454	08	SURG	COMBINED ANTERIOR/POSTERIOR SPINAL FUSION W CC	6.4968	4.1	4.8
455	08	SURG	COMBINED ANTERIOR/POSTERIOR SPINAL FUSION W/O CC/MCC	5.0785	2.7	3.1
456	08	SURG	SPINAL FUS EXC CERV W SPINAL CURV/MALIG/INFEC OR EXT FUS W MCC	9.2033	9.6	11.7
457	08	SURG	SPINAL FUS EXC CERV W SPINAL CURV/MALIG/INFEC OR EXT FUS W CC	6.8061	5.4	6.4
458	08	SURG	SPINAL FUS EXC CERV W SPINAL CURV/MALIG/INFEC OR EXT FUS W/O CC/MCC	5.3662	3.2	3.7
459	08	SURG	SPINAL FUSION EXCEPT CERVICAL W MCC	6.0377	5.8	7.4
460	08	SURG	SPINAL FUSION EXCEPT CERVICAL W/O MCC	4.0153	2.9	3.4
461	08	SURG	BILATERAL OR MULTIPLE MAJOR JOINT PROCS OF LOWER EXTREMITY W MCC	4.8928	6.1	7.8
462	08	SURG	BILATERAL OR MULTIPLE MAJOR JOINT PROCS OF LOWER EXTREMITY W/O MCC	3.2641	3	3.2
463	08	SURG	WND DEBRID & SKN GRFT EXC HAND, FOR MUSCULO-CONN TISS DIS W MCC	5.0158	9.8	13.1
464	08	SURG	WND DEBRID & SKN GRFT EXC HAND, FOR MUSCULO-CONN TISS DIS W CC	2.8433	5.5	7
465	08	SURG	WND DEBRID & SKN GRFT EXC HAND, FOR MUSCULO-CONN TISS DIS W/O CC/MCC	1.8808	2.9	3.7
466	08	SURG	REVISION OF HIP OR KNEE REPLACEMENT W MCC	5.0422	6.7	8.3
467	08	SURG	REVISION OF HIP OR KNEE REPLACEMENT W CC	3.4775	3.5	4.2
468	08	SURG	REVISION OF HIP OR KNEE REPLACEMENT W/O CC/MCC	2.8161	2.4	2.7
469	08	SURG	MAJOR HIP AND KNEE JOINT REPLACEMENT OR REATTACHMENT OF LOWER EXTREMITY W MCC OR TOTAL ANKLE REPLACEMENT	3.2011	5.1	6.3
470	08	SURG	MAJOR HIP AND KNEE JOINT REPLACEMENT OR REATTACHMENT OF LOWER EXTREMITY W/O MCC	2.0544	2.4	2.7
471	08	SURG	CERVICAL SPINAL FUSION W MCC	4.9193	6.2	8.6
472	08	SURG	CERVICAL SPINAL FUSION W CC	2.8536	2.2	3.1
473	08	SURG	CERVICAL SPINAL FUSION W/O CC/MCC	2.2919	1.4	1.7

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474	08	SURG	AMPUTATION FOR MUSCULOSKELETAL SYS & CONN TISSUE DIS W MCC	3.8622	9	11.5
475	08	SURG	AMPUTATION FOR MUSCULOSKELETAL SYS & CONN TISSUE DIS W CC	2.1519	5.8	7.2
476	08	SURG	AMPUTATION FOR MUSCULOSKELETAL SYS & CONN TISSUE DIS W/O CC/MCC	1.1678	3.1	3.9
477	08	SURG	BIOPSIES OF MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE W MCC	3.2332	8.2	10.6
478	08	SURG	BIOPSIES OF MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE W CC	2.2387	5.4	6.6
479	08	SURG	BIOPSIES OF MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE W/O CC/MCC	1.767	3.4	4.3
480	08	SURG	HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT W MCC	3.0201	6.5	7.6
481	08	SURG	HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT W CC	2.0502	4.5	4.9
482	08	SURG	HIP & FEMUR PROCEDURES EXCEPT MAJOR JOINT W/O CC/MCC	1.6693	3.6	3.8
483	08	SURG	MAJOR JOINT/LIMB REATTACHMENT PROCEDURE OF UPPER EXTREMITIES	2.4264	1.7	2
485	08	SURG	KNEE PROCEDURES W PDX OF INFECTION W MCC	3.2532	8.2	9.9
486	08	SURG	KNEE PROCEDURES W PDX OF INFECTION W CC	2.2226	5.3	6.2
487	08	SURG	KNEE PROCEDURES W PDX OF INFECTION W/O CC/MCC	1.6595	3.9	4.3
488	08	SURG	KNEE PROCEDURES W/O PDX OF INFECTION W CC/MCC	1.9965	3.8	5
489	08	SURG	KNEE PROCEDURES W/O PDX OF INFECTION W/O CC/MCC	1.2876	2.2	2.6
492	08	SURG	LOWER EXTREM & HUMER PROC EXCEPT HIP,FOOT,FEMUR W MCC	3.301	6.2	7.7
493	08	SURG	LOWER EXTREM & HUMER PROC EXCEPT HIP,FOOT,FEMUR W CC	2.2037	4	4.8
494	08	SURG	LOWER EXTREM & HUMER PROC EXCEPT HIP,FOOT,FEMUR W/O CC/MCC	1.7563	2.7	3.2
495	08	SURG	LOCAL EXCISION & REMOVAL INT FIX DEVICES EXC HIP & FEMUR W MCC	3.0104	6.5	8.7
496	08	SURG	LOCAL EXCISION & REMOVAL INT FIX DEVICES EXC HIP & FEMUR W CC	1.9733	3.5	4.5
497	08	SURG	LOCAL EXCISION & REMOVAL INT FIX DEVICES EXC HIP & FEMUR W/O CC/MCC	1.3868	1.8	2.2
498	08	SURG	LOCAL EXCISION & REMOVAL INT FIX DEVICES OF HIP & FEMUR W CC/MCC	2.4273	5.3	7.1
499	08	SURG	LOCAL EXCISION & REMOVAL INT FIX DEVICES OF HIP & FEMUR W/O CC/MCC	1.242	2.2	2.8
500	08	SURG	SOFT TISSUE PROCEDURES W MCC	2.9578	7	9.4
501	08	SURG	SOFT TISSUE PROCEDURES W CC	1.6888	4.3	5.4

Exhibit #1

List of Medicare Severity Diagnosis-Related Groups (MS-DRG) Relative Weights

For Inpatient Hospital Discharges Occurring on or after 1/1/2018

MS-DRG	MDC	TYPE	MS-DRG Title	Weights	Geometric mean LOS	Arithmetic mean LOS
502	08	SURG	SOFT TISSUE PROCEDURES W/O CC/MCC	1.2634	2.5	3
503	08	SURG	FOOT PROCEDURES W MCC	2.4875	6.7	8.4
504	08	SURG	FOOT PROCEDURES W CC	1.7243	4.9	5.8
505	08	SURG	FOOT PROCEDURES W/O CC/MCC	1.5251	3	3.6
506	08	SURG	MAJOR THUMB OR JOINT PROCEDURES	1.3796	3.7	4.6
507	08	SURG	MAJOR SHOULDER OR ELBOW JOINT PROCEDURES W CC/MCC	1.8765	4.3	5.5
508	08	SURG	MAJOR SHOULDER OR ELBOW JOINT PROCEDURES W/O CC/MCC	1.5319	2.1	2.6
509	08	SURG	ARTHROSCOPY	1.8314	3.9	4.9
510	08	SURG	SHOULDER,ELBOW OR FOREARM PROC,EXC MAJOR JOINT PROC W MCC	2.4881	4.9	6
511	08	SURG	SHOULDER,ELBOW OR FOREARM PROC,EXC MAJOR JOINT PROC W CC	1.7859	3.4	3.9
512	08	SURG	SHOULDER,ELBOW OR FOREARM PROC,EXC MAJOR JOINT PROC W/O CC/MCC	1.4959	2.3	2.6
513	08	SURG	HAND OR WRIST PROC, EXCEPT MAJOR THUMB OR JOINT PROC W CC/MCC	1.5867	4.2	5.5
514	08	SURG	HAND OR WRIST PROC, EXCEPT MAJOR THUMB OR JOINT PROC W/O CC/MCC	1.0189	2.4	2.9
515	08	SURG	OTHER MUSCULOSKELET SYS & CONN TISS O.R. PROC W MCC	2.9196	6.3	8.1
516	08	SURG	OTHER MUSCULOSKELET SYS & CONN TISS O.R. PROC W CC	1.882	3.9	4.8
517	08	SURG	OTHER MUSCULOSKELET SYS & CONN TISS O.R. PROC W/O CC/MCC	1.4361	2.2	2.7
518	08	SURG	BACK & NECK PROC EXC SPINAL FUSION W MCC OR DISC DEVICE/NEUROSTIM	2.8927	3.2	5.1
519	08	SURG	BACK & NECK PROC EXC SPINAL FUSION W CC	1.8034	3.2	4.1
520	08	SURG	BACK & NECK PROC EXC SPINAL FUSION W/O CC/MCC	1.2963	1.9	2.4
533	08	MED	FRACTURES OF FEMUR W MCC	1.4381	4.3	5.7
534	08	MED	FRACTURES OF FEMUR W/O MCC	0.761	2.9	3.5
535	08	MED	FRACTURES OF HIP & PELVIS W MCC	1.2575	3.9	5
536	08	MED	FRACTURES OF HIP & PELVIS W/O MCC	0.7545	3	3.4
537	08	MED	SPRAINS, STRAINS, & DISLOCATIONS OF HIP, PELVIS & THIGH W CC/MCC	0.9678	3.3	4.1
538	08	MED	SPRAINS, STRAINS, & DISLOCATIONS OF HIP, PELVIS & THIGH W/O CC/MCC	0.6765	2.5	2.9
539	08	MED	OSTEOMYELITIS W MCC	1.885	5.9	7.8
540	08	MED	OSTEOMYELITIS W CC	1.2916	4.5	5.7
541	08	MED	OSTEOMYELITIS W/O CC/MCC	0.9452	3.3	4.3
542	08	MED	PATHOLOGICAL FRACTURES & MUSCULOSKELET & CONN TISS MALIG W MCC	1.8104	5.3	7
543	08	MED	PATHOLOGICAL FRACTURES & MUSCULOSKELET & CONN TISS MALIG W CC	1.0797	3.7	4.6

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For Inpatient Hospital Discharges Occurring on or after 1/1/2018

MS-DRG	MDC	TYPE	MS-DRG Title	Weights	Geometric mean LOS	Arithmetic mean LOS
544	08	MED	PATHOLOGICAL FRACTURES & MUSCULOSKELET & CONN TISS MALIG W/O CC/MCC	0.7758	3	3.4
545	08	MED	CONNECTIVE TISSUE DISORDERS W MCC	2.3625	5.8	8.1
546	08	MED	CONNECTIVE TISSUE DISORDERS W CC	1.1267	3.6	4.6
547	08	MED	CONNECTIVE TISSUE DISORDERS W/O CC/MCC	0.8153	2.6	3.2
548	08	MED	SEPTIC ARTHRITIS W MCC	2.0385	6	7.9
549	08	MED	SEPTIC ARTHRITIS W CC	1.1943	4.1	5
550	08	MED	SEPTIC ARTHRITIS W/O CC/MCC	0.9006	3	3.6
551	08	MED	MEDICAL BACK PROBLEMS W MCC	1.5533	4.5	5.8
552	08	MED	MEDICAL BACK PROBLEMS W/O MCC	0.8938	3	3.7
553	08	MED	BONE DISEASES & ARTHROPATHIES W MCC	1.289	4	5.2
554	08	MED	BONE DISEASES & ARTHROPATHIES W/O MCC	0.7517	2.8	3.4
555	08	MED	SIGNS & SYMPTOMS OF MUSCULOSKELETAL SYSTEM & CONN TISSUE W MCC	1.2714	3.8	5.1
556	08	MED	SIGNS & SYMPTOMS OF MUSCULOSKELETAL SYSTEM & CONN TISSUE W/O MCC	0.7789	2.7	3.4
557	08	MED	TENDONITIS, MYOSITIS & BURSITIS W MCC	1.4434	4.6	5.7
558	08	MED	TENDONITIS, MYOSITIS & BURSITIS W/O MCC	0.8567	3.2	3.8
559	08	MED	AFTERCARE, MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE W MCC	1.6813	4.7	6.3
560	08	MED	AFTERCARE, MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE W CC	1.0771	3.8	4.8
561	08	MED	AFTERCARE, MUSCULOSKELETAL SYSTEM & CONNECTIVE TISSUE W/O CC/MCC	0.7612	2.6	3.4
562	08	MED	FX, SPRN, STRN & DISL EXCEPT FEMUR, HIP, PELVIS & THIGH W MCC	1.3822	4.1	5.2
563	08	MED	FX, SPRN, STRN & DISL EXCEPT FEMUR, HIP, PELVIS & THIGH W/O MCC	0.8235	3	3.4
564	08	MED	OTHER MUSCULOSKELETAL SYS & CONNECTIVE TISSUE DIAGNOSES W MCC	1.463	4.7	5.9
565	08	MED	OTHER MUSCULOSKELETAL SYS & CONNECTIVE TISSUE DIAGNOSES W CC	0.9526	3.5	4.1
566	08	MED	OTHER MUSCULOSKELETAL SYS & CONNECTIVE TISSUE DIAGNOSES W/O CC/MCC	0.7769	2.6	3.1
570	09	SURG	SKIN DEBRIDEMENT W MCC	2.5947	7	9.1
571	09	SURG	SKIN DEBRIDEMENT W CC	1.6287	5	6.1
572	09	SURG	SKIN DEBRIDEMENT W/O CC/MCC	1.1754	3.5	4.3
573	09	SURG	SKIN GRAFT FOR SKIN ULCER OR CELLULITIS W MCC	4.0634	8.8	12.8
574	09	SURG	SKIN GRAFT FOR SKIN ULCER OR CELLULITIS W CC	2.9594	7.3	9.4
575	09	SURG	SKIN GRAFT FOR SKIN ULCER OR CELLULITIS W/O CC/MCC	1.7422	4.5	5.6
576	09	SURG	SKIN GRAFT EXC FOR SKIN ULCER OR CELLULITIS W MCC	4.5329	9	12.9

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For Inpatient Hospital Discharges Occurring on or after 1/1/2018

MS-DRG	MDC	TYPE	MS-DRG Title	Weights	Geometric mean LOS	Arithmetic mean LOS
577	09	SURG	SKIN GRAFT EXC FOR SKIN ULCER OR CELLULITIS W CC	2.4419	4.7	6.9
578	09	SURG	SKIN GRAFT EXC FOR SKIN ULCER OR CELLULITIS W/O CC/MCC	1.4891	2.7	3.7
579	09	SURG	OTHER SKIN, SUBCUT TISS & BREAST PROC W MCC	2.6605	6.6	8.9
580	09	SURG	OTHER SKIN, SUBCUT TISS & BREAST PROC W CC	1.5559	3.9	5
581	09	SURG	OTHER SKIN, SUBCUT TISS & BREAST PROC W/O CC/MCC	1.224	2.4	3
582	09	SURG	MASTECTOMY FOR MALIGNANCY W CC/MCC	1.4821	2.3	3.1
583	09	SURG	MASTECTOMY FOR MALIGNANCY W/O CC/MCC	1.3553	1.8	2
584	09	SURG	BREAST BIOPSY, LOCAL EXCISION & OTHER BREAST PROCEDURES W CC/MCC	1.856	3.7	4.9
585	09	SURG	BREAST BIOPSY, LOCAL EXCISION & OTHER BREAST PROCEDURES W/O CC/MCC	1.5925	2.2	2.7
592	09	MED	SKIN ULCERS W MCC	1.482	5	6.6
593	09	MED	SKIN ULCERS W CC	1.046	4	4.9
594	09	MED	SKIN ULCERS W/O CC/MCC	0.7585	3	3.7
595	09	MED	MAJOR SKIN DISORDERS W MCC	2.1185	5.5	7.5
596	09	MED	MAJOR SKIN DISORDERS W/O MCC	0.9791	3.5	4.4
597	09	MED	MALIGNANT BREAST DISORDERS W MCC	1.8034	5.2	7
598	09	MED	MALIGNANT BREAST DISORDERS W CC	1.0876	3.5	4.5
599	09	MED	MALIGNANT BREAST DISORDERS W/O CC/MCC	0.8735	2.4	3.1
600	09	MED	NON-MALIGNANT BREAST DISORDERS W CC/MCC	0.9569	3.7	4.5
601	09	MED	NON-MALIGNANT BREAST DISORDERS W/O CC/MCC	0.6294	2.6	3.1
602	09	MED	CELLULITIS W MCC	1.4465	4.7	5.9
603	09	MED	CELLULITIS W/O MCC	0.8503	3.3	4
604	09	MED	TRAUMA TO THE SKIN, SUBCUT TISS & BREAST W MCC	1.3914	3.8	5
605	09	MED	TRAUMA TO THE SKIN, SUBCUT TISS & BREAST W/O MCC	0.8459	2.7	3.3
606	09	MED	MINOR SKIN DISORDERS W MCC	1.3822	4.2	5.8
607	09	MED	MINOR SKIN DISORDERS W/O MCC	0.7897	2.9	3.7
614	10	SURG	ADRENAL & PITUITARY PROCEDURES W CC/MCC	2.3481	3.7	5
615	10	SURG	ADRENAL & PITUITARY PROCEDURES W/O CC/MCC	1.4743	2	2.4
616	10	SURG	AMPUTAT OF LOWER LIMB FOR ENDOCRINE,NUTRIT,& METABOL DIS W MCC	4.0437	10.3	12.6
617	10	SURG	AMPUTAT OF LOWER LIMB FOR ENDOCRINE,NUTRIT,& METABOL DIS W CC	2.0982	6.1	7.3

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MS-DRG	MDC	TYPE	MS-DRG Title	Weights	Geometric mean LOS	Arithmetic mean LOS
618	10	SURG	AMPUTAT OF LOWER LIMB FOR ENDOCRINE,NUTRIT,& METABOL DIS W/O CC/MCC	1.1787	4	4.7
619	10	SURG	O.R. PROCEDURES FOR OBESITY W MCC	3.1171	3.5	5.6
620	10	SURG	O.R. PROCEDURES FOR OBESITY W CC	1.8351	2.2	2.6
621	10	SURG	O.R. PROCEDURES FOR OBESITY W/O CC/MCC	1.5828	1.6	1.8
622	10	SURG	SKIN GRAFTS & WOUND DEBRID FOR ENDOC, NUTRIT & METAB DIS W MCC	3.612	8.4	11.2
623	10	SURG	SKIN GRAFTS & WOUND DEBRID FOR ENDOC, NUTRIT & METAB DIS W CC	1.8973	5.5	6.7
624	10	SURG	SKIN GRAFTS & WOUND DEBRID FOR ENDOC, NUTRIT & METAB DIS W/O CC/MCC	1.1889	3.3	4.1
625	10	SURG	THYROID, PARATHYROID & THYROGLOSSAL PROCEDURES W MCC	2.6882	4.8	7.2
626	10	SURG	THYROID, PARATHYROID & THYROGLOSSAL PROCEDURES W CC	1.5179	2.3	3.2
627	10	SURG	THYROID, PARATHYROID & THYROGLOSSAL PROCEDURES W/O CC/MCC	1.0606	1.5	1.8
628	10	SURG	OTHER ENDOCRINE, NUTRIT & METAB O.R. PROC W MCC	3.5764	7	10.1
629	10	SURG	OTHER ENDOCRINE, NUTRIT & METAB O.R. PROC W CC	2.316	6.1	7.2
630	10	SURG	OTHER ENDOCRINE, NUTRIT & METAB O.R. PROC W/O CC/MCC	1.597	2.7	3.6
637	10	MED	DIABETES W MCC	1.3349	3.8	5
638	10	MED	DIABETES W CC	0.8513	2.9	3.6
639	10	MED	DIABETES W/O CC/MCC	0.6258	2.2	2.6
640	10	MED	MISC DISORDERS OF NUTRITION,METABOLISM,FLUIDS/ELECTROLYTES W MCC	1.1725	3.3	4.5
641	10	MED	MISC DISORDERS OF NUTRITION,METABOLISM,FLUIDS/ELECTROLYTES W/O MCC	0.7461	2.6	3.3
642	10	MED	INBORN AND OTHER DISORDERS OF METABOLISM	1.251	3.2	4.3
643	10	MED	ENDOCRINE DISORDERS W MCC	1.5915	5.1	6.5
644	10	MED	ENDOCRINE DISORDERS W CC	1.0023	3.6	4.4
645	10	MED	ENDOCRINE DISORDERS W/O CC/MCC	0.7389	2.7	3.3
652	11	SURG	KIDNEY TRANSPLANT	3.3187	5.5	6.4
653	11	SURG	MAJOR BLADDER PROCEDURES W MCC	5.5264	10.9	14.1
654	11	SURG	MAJOR BLADDER PROCEDURES W CC	2.7712	6.2	7.4
655	11	SURG	MAJOR BLADDER PROCEDURES W/O CC/MCC	2.0491	4	4.7
656	11	SURG	KIDNEY & URETER PROCEDURES FOR NEOPLASM W MCC	3.254	6	7.8
657	11	SURG	KIDNEY & URETER PROCEDURES FOR NEOPLASM W CC	1.9774	3.8	4.5

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MS-DRG	MDC	TYPE	MS-DRG Title	Weights	Geometric mean LOS	Arithmetic mean LOS
658	11	SURG	KIDNEY & URETER PROCEDURES FOR NEOPLASM W/O CC/MCC	1.5627	2.4	2.7
659	11	SURG	KIDNEY & URETER PROCEDURES FOR NON-NEOPLASM W MCC	3.4129	6.7	9.4
660	11	SURG	KIDNEY & URETER PROCEDURES FOR NON-NEOPLASM W CC	1.7926	3.4	4.5
661	11	SURG	KIDNEY & URETER PROCEDURES FOR NON-NEOPLASM W/O CC/MCC	1.454	2.1	2.5
662	11	SURG	MINOR BLADDER PROCEDURES W MCC	3.0462	7.7	10.4
663	11	SURG	MINOR BLADDER PROCEDURES W CC	1.7807	3.9	5.2
664	11	SURG	MINOR BLADDER PROCEDURES W/O CC/MCC	1.2866	1.9	2.4
665	11	SURG	PROSTATECTOMY W MCC	3.1239	8.2	10.6
666	11	SURG	PROSTATECTOMY W CC	1.7397	4.4	5.8
667	11	SURG	PROSTATECTOMY W/O CC/MCC	0.9912	2.2	2.7
668	11	SURG	TRANSURETHRAL PROCEDURES W MCC	2.6354	6.6	8.8
669	11	SURG	TRANSURETHRAL PROCEDURES W CC	1.383	3.1	4.2
670	11	SURG	TRANSURETHRAL PROCEDURES W/O CC/MCC	0.9838	2.2	2.7
671	11	SURG	URETHRAL PROCEDURES W CC/MCC	1.5341	3.8	5
672	11	SURG	URETHRAL PROCEDURES W/O CC/MCC	1.0226	1.9	2.4
673	11	SURG	OTHER KIDNEY & URINARY TRACT PROCEDURES W MCC	3.5245	7.7	10.7
674	11	SURG	OTHER KIDNEY & URINARY TRACT PROCEDURES W CC	2.3166	5.3	7
675	11	SURG	OTHER KIDNEY & URINARY TRACT PROCEDURES W/O CC/MCC	1.6404	2.6	3.3
682	11	MED	RENAL FAILURE W MCC	1.4845	4.3	5.8
683	11	MED	RENAL FAILURE W CC	0.9293	3.3	4.1
684	11	MED	RENAL FAILURE W/O CC/MCC	0.6285	2.3	2.8
685	11	MED	ADMIT FOR RENAL DIALYSIS	1.0551	2.7	3.4
686	11	MED	KIDNEY & URINARY TRACT NEOPLASMS W MCC	1.7274	5.1	6.7
687	11	MED	KIDNEY & URINARY TRACT NEOPLASMS W CC	1.0987	3.5	4.5
688	11	MED	KIDNEY & URINARY TRACT NEOPLASMS W/O CC/MCC	0.8512	2	2.4
689	11	MED	KIDNEY & URINARY TRACT INFECTIONS W MCC	1.0795	3.9	4.8
690	11	MED	KIDNEY & URINARY TRACT INFECTIONS W/O MCC	0.7946	3	3.6
691	11	MED	URINARY STONES W ESW LITHOTRIPSY W CC/MCC	1.5984	2.6	3.4
692	11	MED	URINARY STONES W ESW LITHOTRIPSY W/O CC/MCC	1.1902	1.9	2.3
693	11	MED	URINARY STONES W/O ESW LITHOTRIPSY W MCC	1.4272	4.1	5.3
694	11	MED	URINARY STONES W/O ESW LITHOTRIPSY W/O MCC	0.8143	2.1	2.7
695	11	MED	KIDNEY & URINARY TRACT SIGNS & SYMPTOMS W MCC	1.1703	3.8	4.9

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MS-DRG	MDC	TYPE	MS-DRG Title	Weights	Geometric mean LOS	Arithmetic mean LOS
696	11	MED	KIDNEY & URINARY TRACT SIGNS & SYMPTOMS W/O MCC	0.6962	2.5	3.1
697	11	MED	URETHRAL STRICTURE	1.0297	2.9	3.7
698	11	MED	OTHER KIDNEY & URINARY TRACT DIAGNOSES W MCC	1.5881	4.9	6.3
699	11	MED	OTHER KIDNEY & URINARY TRACT DIAGNOSES W CC	1.0466	3.5	4.3
700	11	MED	OTHER KIDNEY & URINARY TRACT DIAGNOSES W/O CC/MCC	0.7766	2.6	3.2
707	12	SURG	MAJOR MALE PELVIC PROCEDURES W CC/MCC	1.8009	2.4	3.3
708	12	SURG	MAJOR MALE PELVIC PROCEDURES W/O CC/MCC	1.3836	1.3	1.5
709	12	SURG	PENIS PROCEDURES W CC/MCC	2.285	4.2	6.6
710	12	SURG	PENIS PROCEDURES W/O CC/MCC	1.5075	1.8	2.3
711	12	SURG	TESTES PROCEDURES W CC/MCC	2.0197	5.5	7.3
712	12	SURG	TESTES PROCEDURES W/O CC/MCC	0.9288	2.3	2.9
713	12	SURG	TRANSURETHRAL PROSTATECTOMY W CC/MCC	1.4243	2.9	4.2
714	12	SURG	TRANSURETHRAL PROSTATECTOMY W/O CC/MCC	0.8816	1.7	2
715	12	SURG	OTHER MALE REPRODUCTIVE SYSTEM O.R. PROC FOR MALIGNANCY W CC/MCC	2.1757	4.9	7.1
716	12	SURG	OTHER MALE REPRODUCTIVE SYSTEM O.R. PROC FOR MALIGNANCY W/O CC/MCC	1.4267	1.5	1.8
717	12	SURG	OTHER MALE REPRODUCTIVE SYSTEM O.R. PROC EXC MALIGNANCY W CC/MCC	1.9292	4	5.4
718	12	SURG	OTHER MALE REPRODUCTIVE SYSTEM O.R. PROC EXC MALIGNANCY W/O CC/MCC	1.2465	2.4	2.8
722	12	MED	MALIGNANCY, MALE REPRODUCTIVE SYSTEM W MCC	1.7368	5.1	6.9
723	12	MED	MALIGNANCY, MALE REPRODUCTIVE SYSTEM W CC	1.1222	3.6	4.6
724	12	MED	MALIGNANCY, MALE REPRODUCTIVE SYSTEM W/O CC/MCC	0.7579	1.8	2.3
725	12	MED	BENIGN PROSTATIC HYPERTROPHY W MCC	1.2739	4.2	5.6
726	12	MED	BENIGN PROSTATIC HYPERTROPHY W/O MCC	0.7375	2.6	3.2
727	12	MED	INFLAMMATION OF THE MALE REPRODUCTIVE SYSTEM W MCC	1.4501	4.7	6
728	12	MED	INFLAMMATION OF THE MALE REPRODUCTIVE SYSTEM W/O MCC	0.8116	3.1	3.7
729	12	MED	OTHER MALE REPRODUCTIVE SYSTEM DIAGNOSES W CC/MCC	1.0554	3.3	4.3
730	12	MED	OTHER MALE REPRODUCTIVE SYSTEM DIAGNOSES W/O CC/MCC	0.6383	1.9	2.4
734	13	SURG	PELVIC EVISCERATION, RAD HYSTERECTOMY & RAD VULVECTOMY W CC/MCC	2.1754	3.8	5.3
735	13	SURG	PELVIC EVISCERATION, RAD HYSTERECTOMY & RAD VULVECTOMY W/O CC/MCC	1.3075	1.8	2.2

Exhibit #1

List of Medicare Severity Diagnosis-Related Groups (MS-DRG) Relative Weights

For Inpatient Hospital Discharges Occurring on or after 1/1/2018

MS-DRG	MDC	TYPE	MS-DRG Title	Weights	Geometric mean LOS	Arithmetic mean LOS
736	13	SURG	UTERINE & ADNEXA PROC FOR OVARIAN OR ADNEXAL MALIGNANCY W MCC	3.9258	9.2	11.4
737	13	SURG	UTERINE & ADNEXA PROC FOR OVARIAN OR ADNEXAL MALIGNANCY W CC	1.959	4.8	5.6
738	13	SURG	UTERINE & ADNEXA PROC FOR OVARIAN OR ADNEXAL MALIGNANCY W/O CC/MCC	1.3935	2.8	3.2
739	13	SURG	UTERINE,ADNEXA PROC FOR NON-OVARIAN/ADNEXAL MALIG W MCC	3.5414	6.8	9.4
740	13	SURG	UTERINE,ADNEXA PROC FOR NON-OVARIAN/ADNEXAL MALIG W CC	1.7213	3.1	4
741	13	SURG	UTERINE,ADNEXA PROC FOR NON-OVARIAN/ADNEXAL MALIG W/O CC/MCC	1.2644	1.8	2.1
742	13	SURG	UTERINE & ADNEXA PROC FOR NON-MALIGNANCY W CC/MCC	1.6385	3.1	4
743	13	SURG	UTERINE & ADNEXA PROC FOR NON-MALIGNANCY W/O CC/MCC	1.0745	1.8	2
744	13	SURG	D&C, CONIZATION, LAPAROSCOPY & TUBAL INTERRUPTION W CC/MCC	1.6994	4.3	5.7
745	13	SURG	D&C, CONIZATION, LAPAROSCOPY & TUBAL INTERRUPTION W/O CC/MCC	1.0603	2.2	2.6
746	13	SURG	VAGINA, CERVIX & VULVA PROCEDURES W CC/MCC	1.634	3.6	5.1
747	13	SURG	VAGINA, CERVIX & VULVA PROCEDURES W/O CC/MCC	0.9221	1.6	2
748	13	SURG	FEMALE REPRODUCTIVE SYSTEM RECONSTRUCTIVE PROCEDURES	1.267	1.7	2.1
749	13	SURG	OTHER FEMALE REPRODUCTIVE SYSTEM O.R. PROCEDURES W CC/MCC	2.577	5.9	7.7
750	13	SURG	OTHER FEMALE REPRODUCTIVE SYSTEM O.R. PROCEDURES W/O CC/MCC	1.2998	2.4	3.1
754	13	MED	MALIGNANCY, FEMALE REPRODUCTIVE SYSTEM W MCC	1.7905	5.1	7
755	13	MED	MALIGNANCY, FEMALE REPRODUCTIVE SYSTEM W CC	1.0976	3.5	4.6
756	13	MED	MALIGNANCY, FEMALE REPRODUCTIVE SYSTEM W/O CC/MCC	0.6352	2	2.4
757	13	MED	INFECTIONS, FEMALE REPRODUCTIVE SYSTEM W MCC	1.4657	5.1	6.5
758	13	MED	INFECTIONS, FEMALE REPRODUCTIVE SYSTEM W CC	1.0032	3.9	4.8
759	13	MED	INFECTIONS, FEMALE REPRODUCTIVE SYSTEM W/O CC/MCC	0.7157	2.8	3.3
760	13	MED	MENSTRUAL & OTHER FEMALE REPRODUCTIVE SYSTEM DISORDERS W CC/MCC	0.8586	2.7	3.4
761	13	MED	MENSTRUAL & OTHER FEMALE REPRODUCTIVE SYSTEM DISORDERS W/O CC/MCC	0.6427	1.9	2.4
765	14	SURG	CESAREAN SECTION W CC/MCC	1.1771	3.7	4.7

Exhibit #1

List of Medicare Severity Diagnosis-Related Groups (MS-DRG) Relative Weights

For Inpatient Hospital Discharges Occurring on or after 1/1/2018

MS-DRG	MDC	TYPE	MS-DRG Title	Weights	Geometric mean LOS	Arithmetic mean LOS
766	14	SURG	CESAREAN SECTION W/O CC/MCC	0.8372	2.8	3.1
767	14	SURG	VAGINAL DELIVERY W STERILIZATION &/OR D&C	0.9309	2.4	2.9
768	14	SURG	VAGINAL DELIVERY W O.R. PROC EXCEPT STERIL &/OR D&C	1.1339	3.4	3.8
769	14	SURG	POSTPARTUM & POST ABORTION DIAGNOSES W O.R. PROCEDURE	1.7241	3.2	5.1
770	14	SURG	ABORTION W D&C, ASPIRATION CURETTAGE OR HYSTEROTOMY	0.7879	1.8	2.2
774	14	MED	VAGINAL DELIVERY W COMPLICATING DIAGNOSES	0.8305	2.6	3.4
775	14	MED	VAGINAL DELIVERY W/O COMPLICATING DIAGNOSES	0.6455	2.1	2.3
776	14	MED	POSTPARTUM & POST ABORTION DIAGNOSES W/O O.R. PROCEDURE	0.8074	2.5	3.3
777	14	MED	ECTOPIC PREGNANCY	0.8783	1.6	1.9
778	14	MED	THREATENED ABORTION	0.6088	2.1	3.1
779	14	MED	ABORTION W/O D&C	0.6736	1.7	2.3
780	14	MED	FALSE LABOR	0.4879	1.6	2
781	14	MED	OTHER ANTEPARTUM DIAGNOSES W MEDICAL COMPLICATIONS	0.8616	2.7	4.1
782	14	MED	OTHER ANTEPARTUM DIAGNOSES W/O MEDICAL COMPLICATIONS	0.6116	1.9	2.6
789	15	MED	NEONATES, DIED OR TRANSFERRED TO ANOTHER ACUTE CARE FACILITY	1.6412		
790	15	MED	EXTREME IMMATURETY OR RESPIRATORY DISTRESS SYNDROME, NEONATE	5.4121	323	323
791	15	MED	PREMATURITY W MAJOR PROBLEMS	3.6963	131	131
792	15	MED	PREMATURITY W/O MAJOR PROBLEMS	2.2302		
793	15	MED	FULL TERM NEONATE W MAJOR PROBLEMS	3.7969		
794	15	MED	NEONATE W OTHER SIGNIFICANT PROBLEMS	1.3439	2	2
795	15	MED	NORMAL NEWBORN	0.1819		
799	16	SURG	SPLENECTOMY W MCC	4.8759	8	10.7
800	16	SURG	SPLENECTOMY W CC	2.6857	5.1	6.5
801	16	SURG	SPLENECTOMY W/O CC/MCC	1.7031	2.6	3.2
802	16	SURG	OTHER O.R. PROC OF THE BLOOD & BLOOD FORMING ORGANS W MCC	3.2541	7.3	10.1
803	16	SURG	OTHER O.R. PROC OF THE BLOOD & BLOOD FORMING ORGANS W CC	1.86	4.4	5.7
804	16	SURG	OTHER O.R. PROC OF THE BLOOD & BLOOD FORMING ORGANS W/O CC/MCC	1.1987	2.3	2.9
808	16	MED	MAJOR HEMATOL/IMMUN DIAG EXC SICKLE CELL CRISIS & COAGUL W MCC	2.1284	5.6	7.5
809	16	MED	MAJOR HEMATOL/IMMUN DIAG EXC SICKLE CELL CRISIS & COAGUL W CC	1.1963	3.6	4.5
810	16	MED	MAJOR HEMATOL/IMMUN DIAG EXC SICKLE CELL CRISIS & COAGUL W/O CC/MCC	0.9405	2.8	3.4

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For Inpatient Hospital Discharges Occurring on or after 1/1/2018

MS-DRG	MDC	TYPE	MS-DRG Title	Weights	Geometric mean LOS	Arithmetic mean LOS
811	16	MED	RED BLOOD CELL DISORDERS W MCC	1.3377	3.7	4.9
812	16	MED	RED BLOOD CELL DISORDERS W/O MCC	0.8829	2.8	3.5
813	16	MED	COAGULATION DISORDERS	1.7309	3.6	4.9
814	16	MED	RETICULOENDOTHELIAL & IMMUNITY DISORDERS W MCC	1.755	4.8	6.5
815	16	MED	RETICULOENDOTHELIAL & IMMUNITY DISORDERS W CC	1.0018	3.2	4
816	16	MED	RETICULOENDOTHELIAL & IMMUNITY DISORDERS W/O CC/MCC	0.7022	2.4	2.9
820	17	SURG	LYMPHOMA & LEUKEMIA W MAJOR O.R. PROCEDURE W MCC	5.4154	11.2	15.3
821	17	SURG	LYMPHOMA & LEUKEMIA W MAJOR O.R. PROCEDURE W CC	2.3329	4.3	6.1
822	17	SURG	LYMPHOMA & LEUKEMIA W MAJOR O.R. PROCEDURE W/O CC/MCC	1.2383	2	2.5
823	17	SURG	LYMPHOMA & NON-ACUTE LEUKEMIA W OTHER PROC W MCC	4.3103	10.5	13.6
824	17	SURG	LYMPHOMA & NON-ACUTE LEUKEMIA W OTHER PROC W CC	2.1848	5.3	7.1
825	17	SURG	LYMPHOMA & NON-ACUTE LEUKEMIA W OTHER PROC W/O CC/MCC	1.2859	2.5	3.4
826	17	SURG	MYELOPROLIF DISORD OR POORLY DIFF NEOPL W MAJ O.R. PROC W MCC	5.2081	10.7	14.2
827	17	SURG	MYELOPROLIF DISORD OR POORLY DIFF NEOPL W MAJ O.R. PROC W CC	2.3648	5	6.4
828	17	SURG	MYELOPROLIF DISORD OR POORLY DIFF NEOPL W MAJ O.R. PROC W/O CC/MCC	1.619	3.1	3.9
829	17	SURG	MYELOPROLIFERATIVE DISORDERS OR POORLY DIFFERENTIATED NEOPLASMS W OTHER PROCEDURE W CC/MCC	3.1289	6.3	9.5
830	17	SURG	MYELOPROLIFERATIVE DISORDERS OR POORLY DIFFERENTIATED NEOPLASMS W OTHER PROCEDURE W/O CC/MCC	1.2781	2.4	3.1
834	17	MED	ACUTE LEUKEMIA W/O MAJOR O.R. PROCEDURE W MCC	5.4919	10	16.8
835	17	MED	ACUTE LEUKEMIA W/O MAJOR O.R. PROCEDURE W CC	2.1141	4.4	7
836	17	MED	ACUTE LEUKEMIA W/O MAJOR O.R. PROCEDURE W/O CC/MCC	1.3769	3	4.8
837	17	MED	CHEMO W ACUTE LEUKEMIA AS SDX OR W HIGH DOSE CHEMO AGENT W MCC	5.6988	13.9	19.3
838	17	MED	CHEMO W ACUTE LEUKEMIA AS SDX W CC OR HIGH DOSE CHEMO AGENT	2.3519	6.1	8.2
839	17	MED	CHEMO W ACUTE LEUKEMIA AS SDX W/O CC/MCC	1.3322	4.7	5.3
840	17	MED	LYMPHOMA & NON-ACUTE LEUKEMIA W MCC	3.0786	7	9.8
841	17	MED	LYMPHOMA & NON-ACUTE LEUKEMIA W CC	1.6201	4.3	5.7

Exhibit #1

List of Medicare Severity Diagnosis-Related Groups (MS-DRG) Relative Weights

For Inpatient Hospital Discharges Occurring on or after 1/1/2018

MS-DRG	MDC	TYPE	MS-DRG Title	Weights	Geometric mean LOS	Arithmetic mean LOS
842	17	MED	LYMPHOMA & NON-ACUTE LEUKEMIA W/O CC/MCC	1.1241	2.9	3.7
843	17	MED	OTHER MYELOPROLIF DIS OR POORLY DIFF NEOPL DIAG W MCC	1.7887	5.3	7.1
844	17	MED	OTHER MYELOPROLIF DIS OR POORLY DIFF NEOPL DIAG W CC	1.2069	3.8	5
845	17	MED	OTHER MYELOPROLIF DIS OR POORLY DIFF NEOPL DIAG W/O CC/MCC	0.9022	2.8	3.5
846	17	MED	CHEMOTHERAPY W/O ACUTE LEUKEMIA AS SECONDARY DIAGNOSIS W MCC	2.3771	5.8	7.8
847	17	MED	CHEMOTHERAPY W/O ACUTE LEUKEMIA AS SECONDARY DIAGNOSIS W CC	1.2601	3.5	4
848	17	MED	CHEMOTHERAPY W/O ACUTE LEUKEMIA AS SECONDARY DIAGNOSIS W/O CC/MCC	0.9321	2.8	3.3
849	17	MED	RADIOTHERAPY	1.8	4.8	6.3
853	18	SURG	INFECTIOUS & PARASITIC DISEASES W O.R. PROCEDURE W MCC	5.1284	10.3	13.3
854	18	SURG	INFECTIOUS & PARASITIC DISEASES W O.R. PROCEDURE W CC	2.3913	6.3	7.7
855	18	SURG	INFECTIOUS & PARASITIC DISEASES W O.R. PROCEDURE W/O CC/MCC	1.4402	3.4	4.2
856	18	SURG	POSTOPERATIVE OR POST-TRAUMATIC INFECTIONS W O.R. PROC W MCC	4.4499	9.3	12.3
857	18	SURG	POSTOPERATIVE OR POST-TRAUMATIC INFECTIONS W O.R. PROC W CC	1.9878	5.3	6.6
858	18	SURG	POSTOPERATIVE OR POST-TRAUMATIC INFECTIONS W O.R. PROC W/O CC/MCC	1.3487	3.7	4.5
862	18	MED	POSTOPERATIVE & POST-TRAUMATIC INFECTIONS W MCC	1.8326	5.1	6.7
863	18	MED	POSTOPERATIVE & POST-TRAUMATIC INFECTIONS W/O MCC	1.0071	3.6	4.4
864	18	MED	FEVER	0.8701	2.8	3.5
865	18	MED	VIRAL ILLNESS W MCC	1.501	4.1	5.6
866	18	MED	VIRAL ILLNESS W/O MCC	0.8005	2.7	3.4
867	18	MED	OTHER INFECTIOUS & PARASITIC DISEASES DIAGNOSES W MCC	2.1174	5.6	7.6
868	18	MED	OTHER INFECTIOUS & PARASITIC DISEASES DIAGNOSES W CC	1.0595	3.8	4.7
869	18	MED	OTHER INFECTIOUS & PARASITIC DISEASES DIAGNOSES W/O CC/MCC	0.7887	2.9	3.5
870	18	MED	SEPTICEMIA OR SEVERE SEPSIS W MV >96 HOURS	6.0907	12.5	14.5
871	18	MED	SEPTICEMIA OR SEVERE SEPSIS W/O MV >96 HOURS W MCC	1.8231	4.9	6.4
872	18	MED	SEPTICEMIA OR SEVERE SEPSIS W/O MV >96 HOURS W/O MCC	1.0547	3.7	4.5

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List of Medicare Severity Diagnosis-Related Groups (MS-DRG) Relative Weights

For Inpatient Hospital Discharges Occurring on or after 1/1/2018

MS-DRG	MDC	TYPE	MS-DRG Title	Weights	Geometric mean LOS	Arithmetic mean LOS
876	19	SURG	O.R. PROCEDURE W PRINCIPAL DIAGNOSES OF MENTAL ILLNESS	3.51	7.6	14.2
880	19	MED	ACUTE ADJUSTMENT REACTION & PSYCHOSOCIAL DYSFUNCTION	0.8086	2.7	3.7
881	19	MED	DEPRESSIVE NEUROSES	0.7457	3.8	5.2
882	19	MED	NEUROSES EXCEPT DEPRESSIVE	0.7792	3.2	4.5
883	19	MED	DISORDERS OF PERSONALITY & IMPULSE CONTROL	1.177	4.8	7.8
884	19	MED	ORGANIC DISTURBANCES & INTELLECTUAL DISABILITY	1.2343	4.2	6.5
885	19	MED	PSYCHOSES	1.1736	5.8	8.2
886	19	MED	BEHAVIORAL & DEVELOPMENTAL DISORDERS	1.0674	3.8	6.9
887	19	MED	OTHER MENTAL DISORDER DIAGNOSES	1.0741	3.1	4.6
894	20	MED	ALCOHOL/DRUG ABUSE OR DEPENDENCE, LEFT AMA	0.5244	2.1	2.9
895	20	MED	ALCOHOL/DRUG ABUSE OR DEPENDENCE W REHABILITATION THERAPY	1.3305	9.1	11.9
896	20	MED	ALCOHOL/DRUG ABUSE OR DEPENDENCE W/O REHABILITATION THERAPY W MCC	1.6357	4.8	6.7
897	20	MED	ALCOHOL/DRUG ABUSE OR DEPENDENCE W/O REHABILITATION THERAPY W/O MCC	0.7897	3.4	4.3
901	21	SURG	WOUND DEBRIDEMENTS FOR INJURIES W MCC	4.1536	9	13.1
902	21	SURG	WOUND DEBRIDEMENTS FOR INJURIES W CC	1.9973	5.1	6.8
903	21	SURG	WOUND DEBRIDEMENTS FOR INJURIES W/O CC/MCC	1.2474	3.1	3.9
904	21	SURG	SKIN GRAFTS FOR INJURIES W CC/MCC	3.2504	6.7	9.7
905	21	SURG	SKIN GRAFTS FOR INJURIES W/O CC/MCC	1.4614	3.5	4.4
906	21	SURG	HAND PROCEDURES FOR INJURIES	1.7443	2.9	4.5
907	21	SURG	OTHER O.R. PROCEDURES FOR INJURIES W MCC	4.1715	7.3	10.3
908	21	SURG	OTHER O.R. PROCEDURES FOR INJURIES W CC	2.0248	4	5.2
909	21	SURG	OTHER O.R. PROCEDURES FOR INJURIES W/O CC/MCC	1.4066	2.5	3.1
913	21	MED	TRAUMATIC INJURY W MCC	1.3798	3.6	4.8
914	21	MED	TRAUMATIC INJURY W/O MCC	0.8303	2.5	3.2
915	21	MED	ALLERGIC REACTIONS W MCC	1.6179	3.7	4.9
916	21	MED	ALLERGIC REACTIONS W/O MCC	0.6002	1.8	2.1
917	21	MED	POISONING & TOXIC EFFECTS OF DRUGS W MCC	1.4025	3.5	4.8
918	21	MED	POISONING & TOXIC EFFECTS OF DRUGS W/O MCC	0.7502	2.3	3
919	21	MED	COMPLICATIONS OF TREATMENT W MCC	1.7503	4.3	6
920	21	MED	COMPLICATIONS OF TREATMENT W CC	0.9991	3	3.9
921	21	MED	COMPLICATIONS OF TREATMENT W/O CC/MCC	0.7094	2.2	2.8
922	21	MED	OTHER INJURY, POISONING & TOXIC EFFECT DIAG W MCC	1.4818	4	5.4

Exhibit #1

List of Medicare Severity Diagnosis-Related Groups (MS-DRG) Relative Weights

For Inpatient Hospital Discharges Occurring on or after 1/1/2018

MS-DRG	MDC	TYPE	MS-DRG Title	Weights	Geometric mean LOS	Arithmetic mean LOS
923	21	MED	OTHER INJURY, POISONING & TOXIC EFFECT DIAG W/O MCC	0.8167	2.6	3.6
927	22	SURG	EXTENSIVE BURNS OR FULL THICKNESS BURNS W MV >96 HRS W SKIN GRAFT	16.9402	23.7	30
928	22	SURG	FULL THICKNESS BURN W SKIN GRAFT OR INHAL INJ W CC/MCC	5.7042	10.7	14.6
929	22	SURG	FULL THICKNESS BURN W SKIN GRAFT OR INHAL INJ W/O CC/MCC	2.6352	5.6	7.5
933	22	MED	EXTENSIVE BURNS OR FULL THICKNESS BURNS W MV >96 HRS W/O SKIN GRAFT	3.2561	2.8	5.9
934	22	MED	FULL THICKNESS BURN W/O SKIN GRFT OR INHAL INJ	1.7434	4.3	6.4
935	22	MED	NON-EXTENSIVE BURNS	1.6881	3.5	5
939	23	SURG	O.R. PROC W DIAGNOSES OF OTHER CONTACT W HEALTH SERVICES W MCC	3.4809	6.5	9.5
940	23	SURG	O.R. PROC W DIAGNOSES OF OTHER CONTACT W HEALTH SERVICES W CC	2.3422	4	5.3
941	23	SURG	O.R. PROC W DIAGNOSES OF OTHER CONTACT W HEALTH SERVICES W/O CC/MCC	1.8577	2.5	3.2
945	23	MED	REHABILITATION W CC/MCC	1.2541	8.3	10.9
946	23	MED	REHABILITATION W/O CC/MCC	1.1301	6.4	7.3
947	23	MED	SIGNS & SYMPTOMS W MCC	1.1738	3.5	4.8
948	23	MED	SIGNS & SYMPTOMS W/O MCC	0.7726	2.7	3.3
949	23	MED	AFTERCARE W CC/MCC	1.1656	4.4	6.1
950	23	MED	AFTERCARE W/O CC/MCC	0.8045	3.4	4.8
951	23	MED	OTHER FACTORS INFLUENCING HEALTH STATUS	0.7926	2.4	3.2
955	24	SURG	CRANIOTOMY FOR MULTIPLE SIGNIFICANT TRAUMA	6.0123	7.3	10.9
956	24	SURG	LIMB REATTACHMENT, HIP & FEMUR PROC FOR MULTIPLE SIGNIFICANT TRAUMA	3.9066	6.3	7.7
957	24	SURG	OTHER O.R. PROCEDURES FOR MULTIPLE SIGNIFICANT TRAUMA W MCC	7.3035	9.7	13.8
958	24	SURG	OTHER O.R. PROCEDURES FOR MULTIPLE SIGNIFICANT TRAUMA W CC	4.2583	7.1	8.8
959	24	SURG	OTHER O.R. PROCEDURES FOR MULTIPLE SIGNIFICANT TRAUMA W/O CC/MCC	2.6943	3.9	4.8
963	24	MED	OTHER MULTIPLE SIGNIFICANT TRAUMA W MCC	2.684	5.4	8
964	24	MED	OTHER MULTIPLE SIGNIFICANT TRAUMA W CC	1.4287	4	4.8
965	24	MED	OTHER MULTIPLE SIGNIFICANT TRAUMA W/O CC/MCC	0.9935	2.9	3.3
969	25	SURG	HIV W EXTENSIVE O.R. PROCEDURE W MCC	5.4431	11.3	15.4
970	25	SURG	HIV W EXTENSIVE O.R. PROCEDURE W/O MCC	2.5698	4.4	7.1
974	25	MED	HIV W MAJOR RELATED CONDITION W MCC	2.7736	6.5	9.2
975	25	MED	HIV W MAJOR RELATED CONDITION W CC	1.3596	4.4	5.8

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MS-DRG	MDC	TYPE	MS-DRG Title	Weights	Geometric mean LOS	Arithmetic mean LOS
976	25	MED	HIV W MAJOR RELATED CONDITION W/O CC/MCC	0.9986	3.3	4.3
977	25	MED	HIV W OR W/O OTHER RELATED CONDITION	1.2997	3.7	5.2
981	PRE	SURG	EXTENSIVE O.R. PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS W MCC	4.3106	8.5	11.5
982	PRE	SURG	EXTENSIVE O.R. PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS W CC	2.4836	5	6.6
983	PRE	SURG	EXTENSIVE O.R. PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS W/O CC/MCC	1.6453	2.5	3.5
987	PRE	SURG	NON-EXTENSIVE O.R. PROC UNRELATED TO PRINCIPAL DIAGNOSIS W MCC	3.2362	7.9	10.6
988	PRE	SURG	NON-EXTENSIVE O.R. PROC UNRELATED TO PRINCIPAL DIAGNOSIS W CC	1.7103	4.4	5.9
989	PRE	SURG	NON-EXTENSIVE O.R. PROC UNRELATED TO PRINCIPAL DIAGNOSIS W/O CC/MCC	1.1056	2.2	2.9
998	PRE	**	PRINCIPAL DIAGNOSIS INVALID AS DISCHARGE DIAGNOSIS			
999	PRE	**	UNGROUPABLE			

**MS-DRGs 998 and 999 contain cases that could not be assigned to valid DRGs.