

Appendix. All Patient Refined Diagnosis Related Groups / Severity of Illness combinations with expected readmission rates

APR-DRG	APR-DRG Description	Expected Readmission Rate				
		Weighted Average	SOI 1	SOI 2	SOI 3	SOI 4
1	LIVER TRANSPLANT AND/OR INTESTINAL TRANSPLANT	9.0%	8.3%	8.3%	8.3%	9.8%
2	HEART AND/OR LUNG TRANSPLANT	5.6%	8.0%	8.0%	8.0%	4.3%
4	TRACHEOSTOMY WITH MV >96 HOURS WITH EXTENSIVE PROCEDURE	3.7%	10.5%	10.5%	10.5%	1.2%
5	TRACHEOSTOMY WITH MV >96 HOURS WITHOUT EXTENSIVE PROCEDURE	9.0%	12.3%	12.3%	12.3%	4.8%
7	ALLOGENEIC BONE MARROW TRANSPLANT	5.2%	5.6%	5.6%	4.0%	6.3%
8	AUTOLOGOUS BONE MARROW TRANSPLANT	8.3%	14.5%	14.5%	7.1%	5.6%
9	EXTRACORPOREAL MEMBRANE OXYGENATION (ECMO)	8.0%	8.0%	8.0%	8.0%	8.0%
20	OPEN CRANIOTOMY FOR TRAUMA	0.6%	0.0%	3.1%	0.0%	0.0%
21	OPEN CRANIOTOMY EXCEPT TRAUMA	4.2%	3.7%	3.9%	5.3%	4.5%
22	VENTRICULAR SHUNT PROCEDURES	8.6%	6.6%	9.7%	9.5%	7.8%
23	SPINAL PROCEDURES	2.8%	2.3%	2.9%	4.2%	4.2%
24	OPEN EXTRACRANIAL VASCULAR PROCEDURES	4.6%	4.6%	4.6%	4.6%	4.6%
26	OTHER NERVOUS SYSTEM AND RELATED PROCEDURES	2.0%	0.4%	2.9%	5.5%	5.5%
27	OTHER OPEN CRANIOTOMY	3.8%	2.6%	4.7%	3.7%	3.7%
29	OTHER PERCUTANEOUS INTRACRANIAL PROCEDURES	4.4%	3.2%	5.8%	2.7%	2.7%
30	PERCUTANEOUS INTRACRANIAL AND EXTRACRANIAL VASCULAR PROCEDURES	0.8%	0.0%	0.0%	2.9%	2.9%
40	SPINAL DISORDERS AND INJURIES	3.7%	1.6%	5.0%	5.0%	5.0%
41	NERVOUS SYSTEM MALIGNANCY	8.1%	1.6%	7.6%	12.1%	12.1%
42	DEGENERATIVE NERVOUS SYSTEM DISORDERS EXCEPT MULTIPLE SCLEROSIS	4.8%	5.0%	4.8%	5.5%	0.0%
43	MULTIPLE SCLEROSIS, OTHER DEMYELINATING DISEASE AND INFLAMMATORY NEUROPATHIES	2.5%	2.1%	3.2%	3.2%	3.2%
44	INTRACRANIAL HEMORRHAGE	7.7%	1.4%	1.4%	12.8%	12.8%
45	CVA AND PRECEREBRAL OCCLUSION WITH INFARCTION	4.2%	0.0%	0.0%	8.5%	8.5%
46	NONSPECIFIC CVA AND PRECEREBRAL OCCLUSION WITHOUT INFARCTION	4.6%	4.6%	4.6%	4.6%	4.6%
47	TRANSIENT ISCHEMIA	7.0%	7.0%	7.0%	7.0%	7.0%
48	PERIPHERAL, CRANIAL AND AUTONOMIC NERVE DISORDERS	4.8%	2.0%	5.8%	11.3%	11.3%
49	BACTERIAL AND TUBERCULOUS INFECTIONS OF NERVOUS SYSTEM	3.3%	2.0%	1.9%	9.4%	4.3%
50	NON-BACTERIAL INFECTIONS OF NERVOUS SYSTEM EXCEPT VIRAL MENINGITIS	5.3%	1.1%	5.8%	7.2%	3.0%
51	VIRAL MENINGITIS	1.8%	1.2%	3.3%	2.2%	2.2%

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52	ALTERATION IN CONSCIOUSNESS	4.3%	0.9%	4.4%	7.7%	9.8%
53	SEIZURE	5.1%	3.6%	4.9%	6.7%	9.4%
54	MIGRAINE AND OTHER HEADACHES	6.3%	4.8%	7.3%	15.0%	15.0%
55	HEAD TRAUMA WITH COMA > 1 HOUR OR HEMORRHAGE	1.7%	1.3%	2.0%	2.9%	3.9%
56	BRAIN CONTUSION OR LACERATION AND COMPLICATED SKULL FRACTURE, COMA < 1 HOUR OR NO COMA	1.7%	1.7%	1.7%	1.7%	1.7%
57	CONCUSSION, CLOSED SKULL FRACTURE NOS, AND UNCOMPLICATED INTRACRANIAL INJURY, COMA < 1 HOUR OR NO CO	0.7%	0.6%	1.2%	0.0%	0.0%
58	OTHER DISORDERS OF NERVOUS SYSTEM	4.7%	3.7%	4.7%	7.6%	11.7%
59	ANOXIC AND OTHER SEVERE BRAIN DAMAGE	6.5%	6.5%	6.5%	6.5%	6.5%
73	ORBIT AND EYE PROCEDURES	2.1%	1.4%	3.7%	0.0%	0.0%
82	EYE INFECTIONS AND OTHER EYE DISORDERS	2.4%	1.7%	3.0%	7.7%	7.7%
89	MAJOR CRANIAL OR FACIAL BONE PROCEDURES	1.9%	0.8%	2.4%	4.5%	0.0%
91	OTHER MAJOR HEAD AND NECK PROCEDURES	5.3%	2.4%	6.1%	7.1%	6.7%
92	FACIAL BONE PROCEDURES EXCEPT MAJOR CRANIAL OR FACIAL BONE PROCEDURES	0.5%	0.4%	0.0%	2.7%	2.7%
95	CLEFT LIP AND PALATE REPAIR	1.3%	0.8%	1.5%	7.1%	7.1%
97	TONSIL AND ADENOID PROCEDURES	3.5%	2.4%	5.2%	5.5%	9.7%
98	OTHER EAR, NOSE, MOUTH, THROAT, CRANIOFACIAL, AND NECK PROCEDURES	2.1%	0.5%	2.9%	3.2%	7.7%
110	EAR, NOSE, MOUTH, THROAT AND CRANIAL OR FACIAL MALIGNANCIES	8.8%	8.8%	8.8%	8.8%	8.8%
111	VERTIGO AND OTHER LABYRINTH DISORDERS	2.8%	4.1%	0.0%	0.0%	0.0%
113	INFECTIONS OF UPPER RESPIRATORY TRACT	3.6%	2.1%	4.0%	6.8%	9.2%
114	DENTAL DISEASES AND DISORDERS	0.9%	0.4%	1.1%	4.8%	4.8%
115	OTHER EAR, NOSE, MOUTH, THROAT AND CRANIAL OR FACIAL DIAGNOSES	3.7%	2.1%	4.1%	6.8%	12.3%
120	MAJOR RESPIRATORY AND CHEST PROCEDURES	6.0%	4.0%	3.3%	9.1%	15.0%
121	OTHER RESPIRATORY AND CHEST PROCEDURES	3.3%	1.5%	2.7%	9.6%	8.3%
130	RESPIRATORY SYSTEM DIAGNOSIS WITH VENTILATOR SUPPORT > 96 HOURS	9.2%	11.1%	11.1%	8.7%	8.8%
131	CYSTIC FIBROSIS - PULMONARY DISEASE	1.7%	3.8%	1.9%	1.2%	3.0%
132	BPD AND OTHER CHRONIC RESPIRATORY DISEASES ARISING IN PERINATAL PERIOD	8.9%	8.5%	7.9%	8.7%	10.2%
133	RESPIRATORY FAILURE	5.4%	4.0%	4.0%	8.2%	9.0%
134	PULMONARY EMBOLISM	8.1%	4.4%	12.1%	8.7%	8.7%
135	MAJOR CHEST AND RESPIRATORY TRAUMA	1.2%	2.4%	0.0%	2.6%	0.0%

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		Weighted Average	SOI 1	SOI 2	SOI 3	SOI 4
136	RESPIRATORY MALIGNANCY	17.4%	14.3%	14.3%	23.3%	23.3%
137	MAJOR RESPIRATORY INFECTIONS AND INFLAMMATIONS	9.5%	2.9%	7.3%	10.5%	12.7%
138	BRONCHIOLITIS AND RSV PNEUMONIA	3.4%	2.8%	3.4%	4.1%	7.9%
139	OTHER PNEUMONIA	3.5%	2.1%	3.3%	5.5%	10.1%
140	CHRONIC OBSTRUCTIVE PULMONARY DISEASE	3.4%	2.8%	6.3%	1.8%	1.8%
141	ASTHMA	2.5%	2.3%	3.1%	2.6%	4.2%
142	INTERSTITIAL AND ALVEOLAR LUNG DISEASES	10.3%	0.0%	10.6%	18.4%	18.4%
143	OTHER RESPIRATORY DIAGNOSES EXCEPT SIGNS, SYMPTOMS AND MISCELLANEOUS DIAGNOSES	6.0%	2.6%	5.2%	10.8%	13.5%
144	RESPIRATORY SIGNS, SYMPTOMS AND MISCELLANEOUS DIAGNOSES	5.8%	3.7%	6.1%	13.7%	2.7%
145	ACUTE BRONCHITIS AND RELATED SYMPTOMS	7.5%	2.2%	6.0%	13.5%	11.5%
160	MAJOR CARDIOTHORACIC REPAIR OF HEART ANOMALY	4.6%	2.0%	3.4%	4.6%	5.6%
161	IMPLANTABLE HEART ASSIST SYSTEMS	5.6%	5.6%	5.6%	5.6%	5.6%
162	CARDIAC VALVE PROCEDURES WITH AMI OR COMPLEX PRINCIPAL DIAGNOSIS	3.9%	3.0%	3.0%	3.0%	5.6%
163	CARDIAC VALVE PROCEDURES WITHOUT AMI OR COMPLEX PRINCIPAL DIAGNOSIS	3.4%	3.6%	3.6%	2.7%	4.2%
166	CORONARY BYPASS WITHOUT AMI OR COMPLEX PRINCIPAL DIAGNOSIS	5.6%	5.6%	5.6%	5.6%	5.6%
167	OTHER CARDIOTHORACIC AND THORACIC VASCULAR PROCEDURES	3.4%	1.0%	4.0%	3.2%	8.0%
169	MAJOR ABDOMINAL VASCULAR PROCEDURES	4.4%	4.4%	4.4%	4.4%	4.4%
170	PERMANENT CARDIAC PACEMAKER IMPLANT WITH AMI, HEART FAILURE OR SHOCK	5.6%	5.6%	5.6%	5.6%	5.6%
171	PERMANENT CARDIAC PACEMAKER IMPLANT WITHOUT AMI, HEART FAILURE OR SHOCK	2.4%	0.0%	4.7%	4.7%	4.7%
174	PERCUTANEOUS CARDIAC INTERVENTION WITH AMI	5.6%	5.6%	5.6%	5.6%	5.6%
175	PERCUTANEOUS CARDIAC INTERVENTION WITHOUT AMI	1.3%	0.0%	1.9%	1.5%	5.4%
176	INSERTION, REVISION AND REPLACEMENTS OF PACEMAKER AND OTHER CARDIAC DEVICES	2.6%	2.6%	2.6%	2.6%	2.6%
177	CARDIAC PACEMAKER AND DEFIBRILLATOR REVISION EXCEPT DEVICE REPLACEMENT	5.6%	5.6%	5.6%	5.6%	5.6%
178	EXTERNAL HEART ASSIST SYSTEMS	0.0%	0.0%	0.0%	0.0%	0.0%
179	DEFIBRILLATOR IMPLANTS	0.0%	0.0%	0.0%	0.0%	0.0%
180	OTHER CIRCULATORY SYSTEM PROCEDURES	4.4%	1.4%	1.4%	9.3%	9.3%
181	LOWER EXTREMITY ARTERIAL PROCEDURES	2.7%	3.1%	3.1%	2.4%	2.4%

APR-DRG	APR-DRG Description	Expected Readmission Rate				
		Weighted Average	SOI 1	SOI 2	SOI 3	SOI 4
182	OTHER PERIPHERAL VASCULAR AND RELATED PROCEDURES	3.5%	0.7%	1.9%	4.8%	7.3%
183	PERCUTANEOUS STRUCTURAL CARDIAC PROCEDURES	0.0%	0.0%	0.0%	0.0%	0.0%
190	ACUTE MYOCARDIAL INFARCTION	5.6%	5.6%	5.6%	5.6%	5.6%
191	CARDIAC CATHETERIZATION FOR CORONARY ARTERY DISEASE	5.6%	5.6%	5.6%	5.6%	5.6%
192	CARDIAC CATHETERIZATION FOR OTHER NON-CORONARY CONDITIONS	8.3%	5.0%	9.1%	9.2%	8.3%
193	ACUTE AND SUBACUTE ENDOCARDITIS	13.6%	13.6%	13.6%	13.6%	13.6%
194	HEART FAILURE	17.9%	8.9%	8.9%	24.0%	17.6%
196	CARDIAC ARREST AND SHOCK	6.1%	3.2%	3.2%	7.5%	7.5%
197	PERIPHERAL AND OTHER VASCULAR DISORDERS	5.2%	2.6%	7.2%	5.2%	5.2%
198	ANGINA PECTORIS AND CORONARY ATHEROSCLEROSIS	5.6%	5.6%	5.6%	5.6%	5.6%
199	HYPERTENSION	11.4%	2.1%	10.1%	18.7%	18.7%
200	CARDIAC STRUCTURAL AND VALVULAR DISORDERS	5.1%	3.0%	4.0%	7.0%	7.0%
201	CARDIAC ARRHYTHMIA AND CONDUCTION DISORDERS	6.7%	3.9%	7.6%	12.9%	12.9%
203	CHEST PAIN	5.4%	2.3%	9.9%	9.9%	9.9%
204	SYNCOPE AND COLLAPSE	4.2%	3.4%	5.9%	5.9%	5.9%
205	CARDIOMYOPATHY	3.6%	4.8%	4.8%	2.4%	2.4%
206	MALFUNCTION, REACTION, COMPLICATION OF CARDIAC OR VASCULAR DEVICE OR PROCEDURE	13.5%	11.1%	11.1%	13.3%	20.8%
207	OTHER CIRCULATORY SYSTEM DIAGNOSES	5.5%	4.4%	4.5%	8.4%	10.2%
220	MAJOR STOMACH, ESOPHAGEAL AND DUODENAL PROCEDURES	3.8%	2.6%	3.8%	3.7%	7.1%
222	OTHER STOMACH, ESOPHAGEAL AND DUODENAL PROCEDURES	3.0%	2.3%	3.6%	9.9%	9.9%
223	OTHER SMALL AND LARGE BOWEL PROCEDURES	3.9%	2.2%	3.1%	11.6%	11.6%
224	PERITONEAL ADHESIOLYSIS	5.8%	7.0%	5.5%	5.0%	5.0%
226	ANAL AND PERINEAL PROCEDURES	3.2%	1.3%	5.2%	5.2%	5.2%
227	HERNIA PROCEDURES EXCEPT INGUINAL, FEMORAL AND UMBILICAL	3.2%	2.1%	5.6%	2.2%	2.2%
228	INGUINAL, FEMORAL AND UMBILICAL HERNIA PROCEDURES	4.5%	1.8%	5.8%	13.7%	13.7%
229	OTHER DIGESTIVE SYSTEM AND ABDOMINAL PROCEDURES	6.1%	4.8%	8.2%	5.6%	5.6%
230	MAJOR SMALL BOWEL PROCEDURES	6.6%	5.3%	6.6%	8.8%	4.5%
231	MAJOR LARGE BOWEL PROCEDURES	4.9%	3.0%	6.3%	7.0%	2.6%
232	GASTRIC FUNDOPLICATION	5.0%	4.7%	5.6%	4.7%	4.7%
233	APPENDECTOMY WITH COMPLEX PRINCIPAL DIAGNOSIS	3.4%	3.0%	4.3%	3.9%	3.9%

APR-DRG	APR-DRG Description	Expected Readmission Rate				
		Weighted Average	SOI 1	SOI 2	SOI 3	SOI 4
234	APPENDECTOMY WITHOUT COMPLEX PRINCIPAL DIAGNOSIS	1.6%	1.5%	2.5%	1.2%	1.2%
240	DIGESTIVE MALIGNANCY	18.2%	18.2%	18.2%	18.2%	18.2%
241	PEPTIC ULCER AND GASTRITIS	5.7%	4.7%	6.8%	6.0%	6.0%
242	MAJOR ESOPHAGEAL DISORDERS	8.9%	3.0%	9.2%	10.8%	10.8%
243	OTHER ESOPHAGEAL DISORDERS	6.4%	4.7%	6.4%	10.3%	10.3%
244	DIVERTICULITIS AND DIVERTICULOSIS	4.8%	4.8%	4.8%	4.8%	4.8%
245	INFLAMMATORY BOWEL DISEASE	7.7%	6.5%	6.9%	11.0%	12.2%
246	GASTROINTESTINAL VASCULAR INSUFFICIENCY	9.5%	9.5%	9.5%	9.5%	9.5%
247	INTESTINAL OBSTRUCTION	4.5%	3.1%	4.9%	7.8%	21.6%
248	MAJOR GASTROINTESTINAL AND PERITONEAL INFECTIONS	5.9%	2.8%	6.5%	10.3%	7.5%
249	OTHER GASTROENTERITIS, NAUSEA AND VOMITING	5.4%	3.4%	5.4%	12.2%	15.8%
251	ABDOMINAL PAIN	5.3%	3.6%	7.0%	19.2%	19.2%
252	MALFUNCTION, REACTION AND COMPLICATION OF GASTROINTESTINAL DEVICE OR PROCEDURE	9.1%	5.4%	7.9%	10.8%	12.9%
253	OTHER AND UNSPECIFIED GASTROINTESTINAL HEMORRHAGE	7.3%	4.5%	9.4%	7.2%	7.2%
254	OTHER DIGESTIVE SYSTEM DIAGNOSES	4.9%	3.4%	7.6%	10.2%	8.3%
260	MAJOR PANCREAS, LIVER AND SHUNT PROCEDURES	2.8%	2.1%	2.1%	3.6%	3.6%
261	MAJOR BILIARY TRACT PROCEDURES	9.1%	7.8%	7.8%	10.5%	10.5%
263	CHOLECYSTECTOMY	2.8%	1.6%	3.5%	4.7%	4.7%
264	OTHER HEPATOBILIARY, PANCREAS AND ABDOMINAL PROCEDURES	6.9%	7.4%	7.4%	6.1%	6.1%
279	HEPATIC COMA AND OTHER MAJOR ACUTE LIVER DISORDERS	9.3%	0.0%	7.5%	14.1%	15.4%
280	ALCOHOLIC LIVER DISEASE	5.9%	5.9%	5.9%	5.9%	5.9%
281	MALIGNANCY OF HEPATOBILIARY SYSTEM AND PANCREAS	14.5%	14.5%	14.5%	14.5%	14.5%
282	DISORDERS OF PANCREAS EXCEPT MALIGNANCY	6.3%	4.7%	6.4%	12.9%	4.8%
283	OTHER DISORDERS OF THE LIVER	6.6%	4.1%	5.1%	11.3%	11.3%
284	DISORDERS OF GALLBLADDER AND BILIARY TRACT	7.9%	3.3%	9.4%	11.1%	11.1%
301	HIP JOINT REPLACEMENT	1.3%	1.4%	1.2%	1.2%	1.2%
302	KNEE JOINT REPLACEMENT	3.8%	0.0%	0.0%	8.6%	8.6%
303	DORSAL AND LUMBAR FUSION PROCEDURE FOR CURVATURE OF BACK	1.4%	0.6%	2.3%	2.6%	3.6%
304	DORSAL AND LUMBAR FUSION PROCEDURE EXCEPT FOR CURVATURE OF BACK	1.1%	0.6%	1.9%	1.0%	1.0%
305	AMPUTATION OF LOWER LIMB EXCEPT TOES	1.6%	0.0%	2.4%	2.9%	2.9%
308	HIP AND FEMUR FRACTURE REPAIR	0.6%	0.3%	1.2%	0.7%	0.7%

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309	OTHER SIGNIFICANT HIP AND FEMUR SURGERY	1.3%	0.3%	1.7%	3.1%	5.9%
310	VERTEBRAL AND INTERVERTEBRAL SPINAL PROCEDURES INCLUDING DISC PROCEDURES	1.8%	1.3%	4.9%	0.0%	0.0%
312	SKIN GRAFT, EXCEPT HAND, FOR MUSCULOSKELETAL AND CONNECTIVE TISSUE DIAGNOSES	0.0%	0.0%	0.0%	0.0%	0.0%
313	KNEE AND LOWER LEG PROCEDURES EXCEPT FOOT	0.6%	0.3%	0.4%	5.0%	5.0%
314	FOOT AND TOE PROCEDURES	0.7%	0.7%	0.3%	1.7%	1.7%
315	SHOULDER, UPPER ARM AND FOREARM PROCEDURES EXCEPT JOINT REPLACEMENT	0.4%	0.1%	0.7%	1.6%	1.6%
316	HAND AND WRIST PROCEDURES	0.7%	0.4%	1.3%	1.3%	1.3%
317	TENDON, MUSCLE AND OTHER SOFT TISSUE PROCEDURES	1.3%	0.8%	1.2%	2.7%	2.7%
320	OTHER MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE PROCEDURES	1.5%	0.7%	1.6%	4.1%	4.1%
321	SPINAL FUSION AND OTHER BACK AND NECK PROCEDURES EXCEPT FOR DISC PROCEDURES	1.0%	0.0%	1.1%	3.1%	3.1%
322	SHOULDER AND ELBOW JOINT REPLACEMENT	1.9%	1.9%	1.9%	1.9%	1.9%
340	FRACTURE OF FEMUR	1.7%	0.0%	2.3%	2.3%	2.3%
341	FRACTURE OF PELVIS OR DISLOCATION OF HIP	0.7%	2.2%	0.0%	0.0%	0.0%
342	FRACTURES AND DISLOCATIONS EXCEPT FEMUR, PELVIS AND BACK	0.5%	0.4%	0.9%	0.0%	0.0%
343	MUSCULOSKELETAL MALIGNANCY AND PATHOLOGICAL FRACTURE DUE TO MUSCULOSKELETAL MALIGNANCY	13.0%	10.2%	10.3%	16.7%	16.7%
344	OSTEOMYELITIS, SEPTIC ARTHRITIS AND OTHER MUSCULOSKELETAL INFECTIONS	2.6%	1.3%	2.7%	4.3%	4.3%
346	CONNECTIVE TISSUE DISORDERS	7.2%	6.7%	6.6%	11.7%	7.0%
347	OTHER BACK AND NECK DISORDERS, FRACTURES AND INJURIES	1.9%	1.9%	2.5%	1.0%	1.0%
349	MALFUNCTION, REACTION, COMPLICATION OF ORTHOPEDIC DEVICE OR PROCEDURE	8.2%	8.2%	8.2%	8.2%	8.2%
351	OTHER MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE DIAGNOSES	3.4%	2.1%	3.6%	11.0%	11.0%
361	SKIN GRAFT FOR SKIN AND SUBCUTANEOUS TISSUE DIAGNOSES	1.8%	1.5%	2.2%	2.1%	2.1%
362	MASTECTOMY PROCEDURES	2.3%	2.3%	2.3%	2.3%	2.3%
363	BREAST PROCEDURES EXCEPT MASTECTOMY	2.3%	2.3%	2.3%	2.3%	2.3%
364	OTHER SKIN, SUBCUTANEOUS TISSUE AND RELATED PROCEDURES	1.7%	1.3%	2.1%	5.1%	5.1%
380	SKIN ULCERS	1.3%	2.1%	2.1%	0.0%	0.0%
381	MAJOR SKIN DISORDERS	2.4%	2.2%	2.1%	8.3%	8.3%

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		Weighted Average	SOI 1	SOI 2	SOI 3	SOI 4
383	CELLULITIS AND OTHER SKIN INFECTIONS	2.2%	1.8%	2.8%	9.5%	5.6%
384	CONTUSION, OPEN WOUND AND OTHER TRAUMA TO SKIN AND SUBCUTANEOUS TISSUE	1.7%	1.6%	1.2%	4.7%	4.7%
385	OTHER SKIN, SUBCUTANEOUS TISSUE AND BREAST DISORDERS	3.7%	3.2%	5.1%	5.5%	5.5%
401	ADRENAL PROCEDURES	4.5%	1.4%	9.8%	9.8%	9.8%
403	PROCEDURES FOR OBESITY	2.8%	1.5%	8.0%	8.0%	8.0%
404	THYROID, PARATHYROID AND THYROIDECTOMY PROCEDURES	0.9%	1.0%	0.8%	0.8%	0.8%
405	OTHER PROCEDURES FOR ENDOCRINE, NUTRITIONAL AND METABOLIC DISORDERS	8.7%	10.9%	10.9%	6.3%	6.3%
420	DIABETES	3.7%	2.0%	4.3%	3.6%	0.0%
421	MALNUTRITION, FAILURE TO THRIVE AND OTHER NUTRITIONAL DISORDERS	5.2%	4.3%	4.6%	5.8%	11.4%
422	HYPOVOLEMIA AND RELATED ELECTROLYTE DISORDERS	5.2%	3.2%	5.4%	10.7%	6.1%
423	INBORN ERRORS OF METABOLISM	11.9%	8.8%	14.2%	11.9%	11.9%
424	OTHER ENDOCRINE DISORDERS	6.8%	5.8%	5.6%	10.6%	6.1%
425	OTHER NON-HYPOVOLEMIC ELECTROLYTE DISORDERS	10.7%	5.8%	11.4%	11.3%	18.6%
426	NON-HYPOVOLEMIC SODIUM DISORDERS	9.8%	4.0%	7.2%	13.8%	12.8%
427	THYROID DISORDERS	2.7%	2.8%	2.6%	2.6%	2.6%
440	KIDNEY TRANSPLANT	10.8%	6.4%	6.4%	14.3%	6.1%
441	MAJOR BLADDER PROCEDURES	6.4%	5.4%	5.4%	8.3%	8.3%
442	KIDNEY AND URINARY TRACT PROCEDURES FOR MALIGNANCY	3.8%	5.4%	5.4%	3.2%	3.2%
443	KIDNEY AND URINARY TRACT PROCEDURES FOR NON-MALIGNANCY	3.8%	3.5%	3.7%	8.1%	8.1%
444	RENAL DIALYSIS ACCESS DEVICE PROCEDURES	8.0%	8.0%	8.0%	8.0%	8.0%
445	OTHER BLADDER PROCEDURES	5.2%	3.5%	4.3%	8.9%	8.9%
446	URETHRAL AND TRANSURETHRAL PROCEDURES	3.4%	1.7%	5.1%	5.1%	5.1%
447	OTHER KIDNEY, URINARY TRACT AND RELATED PROCEDURES	8.5%	8.5%	8.5%	8.5%	8.5%
461	KIDNEY AND URINARY TRACT MALIGNANCY	12.2%	12.2%	12.2%	12.2%	12.2%
462	NEPHRITIS AND NEPHROSIS	10.5%	10.0%	10.6%	11.2%	11.2%
463	KIDNEY AND URINARY TRACT INFECTIONS	3.7%	1.9%	4.4%	10.1%	11.1%
465	URINARY STONES AND ACQUIRED UPPER URINARY TRACT OBSTRUCTION	5.9%	3.9%	6.8%	3.6%	3.6%
466	MALE IMPOTENCE, REACTION, COMPLICATION OF GENITOURINARY DEVICE OR PROCEDURE	8.2%	5.5%	5.5%	8.7%	9.3%
468	OTHER KIDNEY AND URINARY TRACT DIAGNOSES, SIGNS AND SYMPTOMS	4.7%	3.4%	5.1%	8.8%	8.8%

APR-DRG	APR-DRG Description	Expected Readmission Rate				
		Weighted Average	SOI 1	SOI 2	SOI 3	SOI 4
469	ACUTE KIDNEY INJURY	8.7%	1.4%	6.3%	13.3%	13.2%
470	CHRONIC KIDNEY DISEASE	12.4%	11.3%	11.3%	13.3%	13.3%
480	MAJOR MALE PELVIC PROCEDURES	3.3%	3.3%	3.3%	3.3%	3.3%
483	PENIS, TESTES AND SCROTAL PROCEDURES	2.8%	2.2%	5.7%	5.7%	5.7%
484	OTHER MALE REPRODUCTIVE SYSTEM AND RELATED PROCEDURES	3.3%	3.3%	3.3%	3.3%	3.3%
500	MALIGNANCY, MALE REPRODUCTIVE SYSTEM	3.3%	3.3%	3.3%	3.3%	3.3%
501	MALE REPRODUCTIVE SYSTEM DIAGNOSES EXCEPT MALIGNANCY	4.5%	1.9%	9.2%	9.2%	9.2%
510	PELVIC EVISCERATION, RADICAL HYSTERECTOMY AND OTHER RADICAL GYNECOLOGICAL PROCEDURES	2.6%	2.6%	2.6%	2.6%	2.6%
511	UTERINE AND ADNEXA PROCEDURES FOR OVARIAN AND ADNEXAL MALIGNANCY	0.0%	0.0%	0.0%	0.0%	0.0%
513	UTERINE AND ADNEXA PROCEDURES FOR NON-MALIGNANCY EXCEPT LEIOMYOMA	2.0%	1.4%	3.2%	3.2%	3.2%
514	FEMALE REPRODUCTIVE SYSTEM RECONSTRUCTIVE PROCEDURES	2.6%	2.6%	2.6%	2.6%	2.6%
517	DILATION AND CURETTAGE FOR NON-OBSTETRIC DIAGNOSES	2.6%	2.6%	2.6%	2.6%	2.6%
518	OTHER FEMALE REPRODUCTIVE SYSTEM AND RELATED PROCEDURES	1.5%	0.8%	2.7%	2.7%	2.7%
519	UTERINE AND ADNEXA PROCEDURES FOR LEIOMYOMA	2.6%	2.6%	2.6%	2.6%	2.6%
530	FEMALE REPRODUCTIVE SYSTEM MALIGNANCY	2.6%	2.6%	2.6%	2.6%	2.6%
531	FEMALE REPRODUCTIVE SYSTEM INFECTIONS	1.9%	1.8%	2.0%	2.0%	2.0%
532	MENSTRUAL AND OTHER FEMALE REPRODUCTIVE SYSTEM DISORDERS	4.2%	3.9%	4.7%	4.7%	4.7%
539	CESAREAN SECTION WITH STERILIZATION	7.7%	7.7%	7.7%	7.7%	7.7%
540	CESAREAN SECTION WITHOUT STERILIZATION	1.8%	1.1%	2.2%	2.3%	2.3%
541	VAGINAL DELIVERY WITH STERILIZATION AND/OR D&C	2.4%	2.4%	2.4%	2.4%	2.4%
542	VAGINAL DELIVERY WITH O.R. PROCEDURE EXCEPT STERILIZATION AND/OR D&C	1.1%	2.3%	0.3%	1.6%	1.6%
543	ABORTION WITH D&C, ASPIRATION CURETTAGE OR HYSTEROTOMY	0.0%	0.0%	0.0%	0.0%	0.0%
547	ANTEPARTUM WITH O.R. PROCEDURE	2.4%	0.0%	3.6%	3.6%	3.6%
548	POSTPARTUM AND POST ABORTION DIAGNOSIS WITH O.R. PROCEDURE	3.8%	0.0%	6.3%	6.3%	6.3%
560	VAGINAL DELIVERY	0.9%	0.7%	1.0%	1.7%	1.7%
561	POSTPARTUM AND POST ABORTION DIAGNOSES WITHOUT PROCEDURE	2.4%	0.5%	3.6%	4.9%	4.9%
564	ABORTION WITHOUT D&C, ASPIRATION CURETTAGE OR HYSTEROTOMY	3.5%	3.5%	3.5%	3.5%	3.5%

APR- DRG	APR-DRG Description	Expected Readmission Rate				
		Weighted Average	SOI 1	SOI 2	SOI 3	SOI 4
566	ANTEPARTUM WITHOUT O.R. PROCEDURE	10.0%	10.4%	11.0%	6.3%	6.3%
580	NEONATE, TRANSFERRED < 5 DAYS OLD, NOT BORN HERE	1.3%	1.3%	1.3%	1.3%	1.3%
581	NEONATE, TRANSFERRED < 5 DAYS OLD, BORN HERE	3.2%	1.9%	4.1%	4.9%	4.9%
583	NEONATE WITH ECMO	0.0%	0.0%	0.0%	0.0%	0.0%
588	NEONATE BIRTH WEIGHT < 1500 GRAMS WITH MAJOR PROCEDURE	1.0%	2.1%	2.1%	2.1%	0.7%
589	NEONATE BIRTH WEIGHT < 500 GRAMS, OR BIRTH WEIGHT 500-999 GRAMS AND GESTATIONAL AGE <24 WEEKS, OR BI	0.0%	0.0%	0.0%	0.0%	0.0%
591	NEONATE BIRTH WEIGHT 500-749 GRAMS WITHOUT MAJOR PROCEDURE	0.0%	0.0%	0.0%	0.0%	0.0%
593	NEONATE BIRTH WEIGHT 750-999 GRAMS WITHOUT MAJOR PROCEDURE	0.2%	0.6%	0.6%	0.2%	0.0%
602	NEONATE BIRTH WEIGHT 1000-1249 GRAMS WITH RESPIRATORY DISTRESS SYNDROME OR OTHER MAJOR RESPIRATORY C	0.2%	0.0%	0.0%	0.2%	0.2%
603	NEONATE BIRTH WEIGHT 1000-1249 GRAMS WITH OR WITHOUT SIGNIFICANT CONDITION	1.8%	2.0%	1.3%	3.0%	3.0%
607	NEONATE BIRTH WEIGHT 1250-1499 GRAMS WITH RESPIRATORY DISTRESS SYNDROME OR OTHER MAJOR RESPIRATORY C	0.3%	0.0%	0.2%	0.2%	0.8%
608	NEONATE BIRTH WEIGHT 1250-1499 GRAMS WITH OR WITHOUT SIGNIFICANT CONDITION	0.9%	1.3%	0.6%	0.9%	0.9%
609	NEONATE BIRTH WEIGHT 1500-2499 GRAMS WITH MAJOR PROCEDURE	1.7%	2.9%	2.9%	2.9%	0.6%
611	NEONATE BIRTH WEIGHT 1500-1999 GRAMS WITH MAJOR ANOMALY	0.6%	1.4%	1.3%	0.0%	0.0%
612	NEONATE BIRTH WEIGHT 1500-1999 GRAMS WITH RESPIRATORY DISTRESS SYNDROME OR OTHER MAJOR RESPIRATORY C	0.3%	0.3%	0.2%	0.2%	0.9%
613	NEONATE BIRTH WEIGHT 1500-1999 GRAMS WITH CONGENITAL OR PERINATAL INFECTION	0.4%	1.4%	0.0%	0.0%	0.0%
614	NEONATE BIRTH WEIGHT 1500-1999 GRAMS WITH OR WITHOUT OTHER SIGNIFICANT CONDITION	0.5%	0.7%	0.2%	0.0%	0.0%
621	NEONATE BIRTH WEIGHT 2000-2499 GRAMS WITH MAJOR ANOMALY	1.6%	2.4%	1.7%	0.9%	0.9%
622	NEONATE BIRTH WEIGHT 2000-2499 GRAMS WITH RESPIRATORY DISTRESS SYNDROME OR OTHER MAJOR RESPIRATORY C	0.8%	1.1%	0.4%	1.1%	0.7%
623	NEONATE BIRTH WEIGHT 2000-2499 GRAMS WITH CONGENITAL OR PERINATAL INFECTION	1.4%	2.1%	0.6%	0.0%	0.0%
625	NEONATE BIRTH WEIGHT 2000-2499 GRAMS WITH OTHER SIGNIFICANT CONDITION	1.1%	1.2%	1.0%	0.0%	0.0%

APR- DRG	APR-DRG Description	Expected Readmission Rate				
		Weighted Average	SOI 1	SOI 2	SOI 3	SOI 4
626	NEONATE BIRTH WEIGHT 2000-2499 GRAMS, NORMAL NEWBORN OR NEONATE WITH OTHER PROBLEM	1.6%	1.8%	1.7%	1.4%	1.4%
630	NEONATE BIRTH WEIGHT > 2499 GRAMS WITH MAJOR CARDIOVASCULAR PROCEDURE	2.3%	2.3%	2.3%	2.1%	2.5%
631	NEONATE BIRTH WEIGHT > 2499 GRAMS WITH OTHER MAJOR PROCEDURE	3.2%	4.6%	3.1%	4.0%	1.9%
633	NEONATE BIRTH WEIGHT > 2499 GRAMS WITH MAJOR ANOMALY	2.7%	2.0%	3.3%	3.3%	4.4%
634	NEONATE BIRTH WEIGHT > 2499 GRAMS WITH RESPIRATORY DISTRESS SYNDROME OR OTHER MAJOR RESPIRATORY COND	1.5%	1.5%	1.1%	1.5%	2.6%
636	NEONATE BIRTH WEIGHT > 2499 GRAMS WITH CONGENITAL OR PERINATAL INFECTION	1.9%	1.5%	2.0%	6.2%	6.2%
639	NEONATE BIRTH WEIGHT > 2499 GRAMS WITH OTHER SIGNIFICANT CONDITION	2.1%	1.9%	2.1%	3.8%	4.9%
640	NEONATE BIRTH WEIGHT > 2499 GRAMS, NORMAL NEWBORN OR NEONATE WITH OTHER PROBLEM	1.2%	1.1%	1.5%	1.7%	1.7%
650	SPLenic PROCEDURES	4.1%	1.4%	9.3%	9.3%	9.3%
651	OTHER PROCEDURES OF BLOOD AND BLOOD-FORMING ORGANS	4.5%	5.4%	1.8%	1.8%	1.8%
660	MAJOR HEMATOLOGIC OR IMMUNOLOGIC DIAGNOSES EXCEPT SICKLE CELL CRISIS AND COAGULATION	9.6%	8.6%	9.4%	10.2%	11.1%
661	COAGULATION AND PLATELET DISORDERS	9.1%	8.1%	9.7%	11.0%	11.0%
662	SICKLE CELL ANEMIA CRISIS	13.9%	14.6%	13.5%	11.2%	12.3%
663	OTHER ANEMIA AND DISORDERS OF BLOOD AND BLOOD-FORMING ORGANS	6.6%	6.4%	6.6%	6.6%	18.0%
680	MAJOR O.R. PROCEDURES FOR LYMPHATIC, HEMATOPOIETIC OR OTHER NEOPLASMS	6.4%	9.2%	9.2%	3.3%	3.3%
681	OTHER O.R. PROCEDURES FOR LYMPHATIC, HEMATOPOIETIC OR OTHER NEOPLASMS	10.3%	8.6%	12.4%	8.7%	10.0%
690	ACUTE LEUKEMIA	6.8%	7.4%	8.7%	6.7%	1.7%
691	LYMPHOMA, MYELOMA AND NON-ACUTE LEUKEMIA	10.2%	10.8%	12.1%	8.2%	8.2%
692	RADIO THERAPY	13.5%	13.5%	13.5%	13.5%	13.5%
694	LYMPHATIC AND OTHER MALIGNANCIES AND NEOPLASMS OF UNCERTAIN BEHAVIOR	8.3%	10.1%	10.1%	5.7%	5.7%
695	CHEMOTHERAPY FOR ACUTE LEUKEMIA	9.0%	8.5%	8.5%	9.6%	10.5%
696	OTHER CHEMOTHERAPY	16.7%	12.0%	17.1%	17.0%	19.9%
710	INFECTIOUS AND PARASITIC DISEASES INCLUDING HIV WITH O.R. PROCEDURE	5.4%	2.9%	5.1%	6.8%	5.9%
711	POST-OPERATIVE, POST-TRAUMA, OTHER DEVICE INFECTIONS WITH O.R. PROCEDURE	6.6%	3.3%	3.1%	10.6%	9.6%
720	SEPTICEMIA AND DISSEMINATED INFECTIONS	5.8%	1.4%	4.0%	6.7%	9.2%

APR-DRG	APR-DRG Description	Expected Readmission Rate				
		Weighted Average	SOI 1	SOI 2	SOI 3	SOI 4
721	POST-OPERATIVE, POST-TRAUMATIC, OTHER DEVICE INFECTIONS	9.4%	3.9%	7.2%	12.6%	10.6%
722	FEVER AND INFLAMMATORY CONDITIONS	5.1%	2.0%	6.5%	16.5%	20.9%
723	VIRAL ILLNESS	4.1%	1.4%	4.9%	9.3%	10.7%
724	OTHER INFECTIOUS AND PARASITIC DISEASES	4.4%	3.2%	4.8%	6.4%	8.8%
740	MENTAL ILLNESS DIAGNOSIS WITH O.R. PROCEDURE	0.0%	0.0%	0.0%	0.0%	0.0%
750	SCHIZOPHRENIA	6.6%	6.6%	6.6%	6.6%	6.6%
751	MAJOR DEPRESSIVE DISORDERS AND OTHER OR UNSPECIFIED PSYCHOSES	4.7%	4.0%	5.4%	7.3%	7.3%
752	DISORDERS OF PERSONALITY AND IMPULSE CONTROL	4.9%	4.9%	4.9%	4.9%	4.9%
753	BIPOLAR DISORDERS	7.9%	7.9%	7.9%	9.8%	9.8%
754	DEPRESSION EXCEPT MAJOR DEPRESSIVE DISORDER	3.6%	3.0%	4.6%	4.8%	4.8%
755	ADJUSTMENT DISORDERS AND NEUROSES EXCEPT DEPRESSIVE DIAGNOSES	5.0%	4.7%	5.2%	5.3%	5.3%
756	ACUTE ANXIETY AND DELIRIUM STATES	4.3%	4.2%	4.3%	4.8%	4.8%
757	ORGANIC MENTAL HEALTH DISTURBANCES	7.4%	6.4%	8.2%	6.5%	6.5%
758	BEHAVIORAL DISORDERS	7.5%	5.7%	8.0%	14.3%	14.3%
759	EATING DISORDERS	5.4%	5.8%	5.5%	5.2%	5.2%
760	OTHER MENTAL HEALTH DISORDERS	5.4%	3.9%	6.8%	5.0%	5.0%
772	ALCOHOL AND DRUG DEPENDENCE WITH REHABILITATION AND/OR DETOXIFICATION THERAPY	0.0%	0.0%	0.0%	0.0%	0.0%
773	OPIOID ABUSE AND DEPENDENCE	4.6%	4.6%	4.6%	4.6%	4.6%
774	COCAINE ABUSE AND DEPENDENCE	5.3%	5.3%	5.3%	5.3%	5.3%
775	ALCOHOL ABUSE AND DEPENDENCE	1.9%	3.4%	1.5%	0.0%	2.6%
776	OTHER DRUG ABUSE AND DEPENDENCE	3.9%	3.7%	4.4%	0.0%	0.0%
792	EXTENSIVE O.R. PROCEDURES FOR OTHER COMPLICATIONS OF TREATMENT	6.0%	6.1%	7.4%	6.1%	2.1%
793	MODERATELY EXTENSIVE O.R. PROCEDURES FOR OTHER COMPLICATIONS OF TREATMENT	2.3%	1.7%	3.0%	3.6%	0.0%
794	NON-EXTENSIVE O.R. PROCEDURES FOR OTHER COMPLICATIONS OF TREATMENT	2.4%	2.4%	2.4%	2.4%	2.4%
810	HEMORRHAGE OR HEMATOMA DUE TO COMPLICATION	3.7%	4.5%	2.4%	2.4%	2.4%
811	ALLERGIC REACTIONS	2.6%	1.0%	4.1%	9.0%	9.0%
812	POISONING OF MEDICINAL AGENTS	1.4%	0.6%	2.4%	1.7%	2.8%
813	OTHER COMPLICATIONS OF TREATMENT	4.5%	3.3%	3.9%	7.2%	7.2%
815	OTHER INJURY, POISONING AND TOXIC EFFECT DIAGNOSES	2.6%	1.5%	2.7%	4.3%	1.5%
816	TOXIC EFFECTS OF NON-MEDICINAL SUBSTANCES	1.5%	1.8%	1.4%	0.8%	1.4%

APR- DRG	APR-DRG Description	Expected Readmission Rate				
		Weighted Average	SOI 1	SOI 2	SOI 3	SOI 4
817	INTENTIONAL SELF-HARM AND ATTEMPTED SUICIDE	2.9%	2.6%	3.2%	3.0%	2.2%
841	EXTENSIVE THIRD DEGREE BURNS WITH SKIN GRAFT	0.0%	0.0%	0.0%	0.0%	0.0%
842	BURNS WITH SKIN GRAFT EXCEPT EXTENSIVE THIRD DEGREE BURNS	0.8%	0.4%	1.3%	1.4%	1.4%
843	EXTENSIVE THIRD DEGREE BURNS WITHOUT SKIN GRAFT	1.6%	0.0%	2.7%	1.8%	1.8%
844	PARTIAL THICKNESS BURNS WITHOUT SKIN GRAFT	0.9%	0.7%	1.7%	0.0%	0.0%
850	PROCEDURE WITH DIAGNOSIS OF REHABILITATION, AFTERCARE OR OTHER CONTACT WITH HEALTH SERVICES	3.1%	2.8%	2.5%	5.4%	5.4%
860	REHABILITATION	2.5%	4.0%	4.0%	0.0%	0.0%
861	SIGNS, SYMPTOMS AND OTHER FACTORS INFLUENCING HEALTH STATUS	5.4%	5.2%	4.5%	8.7%	14.7%
862	OTHER AFTERCARE AND CONVALESCENCE	5.9%	5.5%	6.0%	6.4%	6.4%
863	NEONATAL AFTERCARE	5.8%	3.3%	4.3%	7.7%	7.7%
890	HIV WITH MULTIPLE MAJOR HIV RELATED CONDITIONS	0.0%	0.0%	0.0%	0.0%	0.0%
892	HIV WITH MAJOR HIV RELATED CONDITION	0.0%	0.0%	0.0%	0.0%	0.0%
893	HIV WITH MULTIPLE SIGNIFICANT HIV RELATED CONDITIONS	0.0%	0.0%	0.0%	0.0%	0.0%
894	HIV WITH ONE SIGNIFICANT HIV CONDITION OR WITHOUT SIGNIFICANT RELATED CONDITIONS	0.0%	0.0%	0.0%	0.0%	0.0%
910	CRANIOTOMY FOR MULTIPLE SIGNIFICANT TRAUMA	0.9%	0.9%	0.9%	0.9%	0.9%
911	EXTENSIVE ABDOMINAL OR THORACIC PROCEDURES FOR MULTIPLE SIGNIFICANT TRAUMA	1.9%	9.5%	9.5%	1.1%	0.5%
912	MUSCULOSKELETAL AND OTHER PROCEDURES FOR MULTIPLE SIGNIFICANT TRAUMA	0.4%	1.1%	1.1%	0.3%	0.0%
930	MULTIPLE SIGNIFICANT TRAUMA WITHOUT O.R. PROCEDURE	0.9%	0.0%	0.9%	0.8%	1.8%
950	EXTENSIVE O.R. PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS	4.2%	0.4%	5.4%	4.3%	7.5%
951	MODERATELY EXTENSIVE O.R. PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS	4.9%	2.0%	4.2%	8.4%	8.8%
952	NON-EXTENSIVE O.R. PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS	4.1%	1.9%	2.5%	7.7%	4.8%

APR-DRGs estimated with MDC:

24, 46, 161, 166, 170, 174, 177, 190, 191, 198, 244, 280, 322, 362, 363, 480, 484, 500, 510, 514, 517, 519, 530, 580, 692, 890, 892, 893, 894