

## Modified Diagnosis-Related Groupings (M-DRGs)

*The Dartmouth Atlas of Health Care*

MDRG	MDRG Description	DRGs
<b>Overall Groupings</b>		
	All Medical Discharges	9-35, 43-48, 64-74, 78-102, 121-145, 172-190, 202-208, 235-256, 271-284, 294-301, 316-333, 346-352, 366-369, 372-373, 376, 378-380, 382-391, 395-399, 403-405, 409-414, 416-423, 425-433, 444-455, 462-467, 473, 475, 487, 489-490, 492, 505, 508-511, 521-524
	Low/Moderate Variation Medical Discharges	14-15, 121-123, 174-175
	High Variation Medical Discharges	9-13, 16-35, 43-48, 64-74, 78-102, 124-145, 172-173, 176-190, 202-208, 235-256, 271-284, 294-301, 316-333, 346-352, 366-369, 372-373, 376, 378-380, 382-391, 395-399, 403-405, 409-414, 416-423, 425-433, 444-455, 462-467, 473, 475, 487, 489-490, 492, 505, 508-511, 521-524
	Surgical Discharges	1-3, 6-8, 36-42, 49-63, 75-77, 103-111, 113-120, 146-171, 191-201, 209-213, 216-220, 223-230, 232-234, 257-270, 285-293, 302-315, 334-345, 353-365, 370-371, 374-375, 377, 381, 392-394, 401-402, 406-408, 415, 424, 439-443, 461, 471, 476-482, 484-486, 488, 491, 493-504, 506-507, 512-513, 515-520, 525-543
<b>Nervous System</b>		
1	Craniotomy, Other Cranial and Nervous System Procedures	1-3, 7-8, 484, 528-532, 543
2	Extracranial Vascular Procedures (Carotid Endarterectomy)	533-534
3	Cerebrovascular Occlusion or Hemorrhage with or w/o Infarct	14-15
5	Seizure and Headache	24-26
6	Coma and Concussion	27-33
7	Residual Nervous System Diagnoses	9-13, 16-23, 34-35
113	Transient Ischemia	524
<b>Eye</b>		
8	Eye Procedures	36-42
112	Eye Diagnoses	43-48
<b>Ear, Nose and Throat</b>		
9	Tonsillectomy and/or Adenoidectomy	57-60
10	Sinus Procedures	53-55
11	Residual Ear-Nose-Throat Procedures	49-52, 56, 61-63, 168-169, 185-187
12	Ear-Nose-Throat Diagnoses	64-74
<b>Respiratory System</b>		
13	Major Chest and Other Respiratory Procedures	75-77, 495
14	Respiratory Neoplasms	82
15	Pleural Effusion and Respiratory Failure	85-87
16	Adult Respiratory Infections	79-80
17	Pediatric Respiratory Infections and Pneumonia	81, 91
18	Chronic Obstructive Pulmonary Disease	88
19	Adult Bronchitis and Asthma	96-97
20	Pediatric Bronchitis and Asthma	98
21	Residual Respiratory Diagnoses	78, 83-84, 92-95, 99-102
109	Adult Simple Pneumonia	89-90

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<b>Circulatory System</b>		
22	Valve Procedures Other Than CABG	104-105, 515, 535-536
23	Coronary Artery Bypass Graft	106-107, 109
24	Major Vascular Procedures	110-111, 478-479
25	Vascular Procedures Other Than Major (PTCA)	516-518, 525-527
26	Cardiac Pacemaker Procedures	115-118
27	Residual Circulatory System Procedures	113-114, 119-120
28	Acute Myocardial Infarction	121-123
29	Cardiac Catheterization Except for AMI	124-125
30	Heart Failure and Shock (Congestive Heart Failure)	127
31	Peripheral Vascular Disorders	130-131
32	Cardiac Arrhythmia	138-139
33	Angina Pectoris	140
34	Syncope and Collapse	141-142
35	Chest Pain	143
36	Residual Circulatory System Diagnoses	126, 129, 132-137, 144-145
110	Other Heart Procedures	108
111	Deep Vein Thrombosis	128
<b>Digestive System</b>		
37	Major Small and Large Bowel Procedures	146-149
38	Stomach, Esophageal and Duodenal Procedures	154-156
39	Anal Procedures	157-158, 267
40	Inguinal and Femoral Hernia Procedures	159-163
41	Appendectomy	164-167
42	Residual Digestive System Procedures	150-153, 170-171
43	Gastro-Intestinal Hemorrhage	174-175
44	Gastro-Intestinal Obstruction	180-181
45	Adult Gastroenteritis	182-183
46	Pediatric Gastroenteritis	184
47	Residual Digestive System Diagnoses	172-173, 176-179, 188-190
<b>Hepatobiliary System</b>		
48	Cholecystectomy	195-198, 493-494
49	Other Hepatobiliary Procedures	191-194, 199-201
50	Biliary Tract Disorders	207-208
51	Other Hepatobiliary System Diagnoses	202-206
<b>Musculoskeletal and Connective Tissue</b>		
52	Major Joint Procedures	209, 471
53	Hip and Femur Procedures Other Than Major Joint	210-211
54	Back and Neck Procedures	496-500, 519-520
55	Lower Extremity Procedures	218-219
56	Knee Procedures	501-503
57	Upper Extremity Procedures	223-224, 491
58	Residual Musculoskeletal Procedures	6, 212-213, 216-217, 220, 225-230, 232-234, 537-538
59	Hip, Femur, Pelvis Fracture	235-236
60	Medical Back Problems	243
61	Misc. Fracture/Sprain/Strain/Dislocation	250-255
62	Residual Musculoskeletal Diagnoses	237-242, 244-249, 256
<b>Skin, Subcutaneous Tissue and Breast</b>		
63	Total and Subtotal Mastectomy	257-260
64	Other Skin/Tissue/Breast Procedures	261-266, 268-270
65	Cellulitis	277-279
66	Other Skin/Tissue/Breast Diagnoses	271-276, 280-284

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<b>Endocrine, Nutritional and Metabolic</b>		
67	Endocrine/Nutritional/Metabolic Procedures	285-293
68	Diabetes Age >=35	294
69	Adult Nutritional and Metabolic Disorders	296-297
70	Pediatric Nutritional and Metabolic Disorders	298
71	Residual Endocrine/Nutritional/Metabolic Diagnoses	295, 299-301
<b>Kidney and Urinary System / Male Reproductive System</b>		
72	Major Genito-Urinary Procedures	302--307, 334-335
73	Transurethral Prostatectomy	336-337
74	Transurethral Procedures Except TURP	310-311
75	Minor Genito-Urinary Procedures	308-309, 312-315, 338-345, 476
76	Kidney-Urinary Tract Infections	320-321
77	Urinary Tract Stones	323-324
78	Residual Kidney/Urinary System Diagnoses	316-319, 322, 325-333
79	Male Reproductive System Diagnoses	346-352
<b>Female Reproductive System</b>		
80	Uterus and Adnexa Procedures for Non-Malignant Conditions	358-359
81	Female Reproductive System Reconstructive Procedures	356
82	Residual Female Reproductive System Procedures	353-355, 357, 360-365
83	Female Reproductive System Diagnoses	366-369
<b>Pregnancy-Related</b>		
84	Cesarean Delivery	370-371
85	Vaginal Delivery	372-375
86	Pregnancy Not Delivered	376-384
<b>Newborns and Neonates</b>		
87	Newborns and Neonates	385-391
<b>Blood and Blood Forming Organs</b>		
88	Diagnoses of Blood and Blood Forming Organs	395-399
<b>Myeloproliferative Diseases</b>		
89	Chemotherapy	410, 492
90	Myeloproliferative/Lymphoma/Leukemia Diagnoses Other Than Chemotherapy	403-405, 409, 411-414
<b>Infectious and Parasitic Diseases</b>		
91	Septicemia	416
92	Adult Viral Disease and Fever of Unknown Origin	419-421
93	Pediatric Viral Disease and Fever of Unknown Origin	422
94	Residual Infectious and Parasitic Diseases	417-418, 423, 489-490
<b>Mental Diseases and Disorders</b>		
95	Psychoses	430
96	Other Mental Diseases and Disorders	425-429, 431-432
<b>Substance Use</b>		
97	Substance Use Treatment, Left Against Medical Advice	433
98	Substance Use Detoxification (w/o Rehab)	521, 523
99	Substance Use Rehabilitation (with or w/o Detox)	522
<b>Injuries and Adverse Effects</b>		
100	Operating Room Procedures for Injuries	439-443
101	Toxic Effects of Drugs	449-450
102	Other Injury Diagnoses w/o Procedure	444-448, 451-455, 487, 505, 508-511
<b>Health Status Factors</b>		
103	Rehabilitation (Other Than for Substance Abuse)	462
104	Other Health Status Diagnoses	463-467

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<b>MDRG</b>	<b>MDRG Description</b>	<b>DRGs</b>
<b>Residual MDRGs</b>		
105	Unrelated Operating Room Procedures	468
106	Respiratory Disease with Ventilator	475
107	Residual O.R. Procedures with Case Mix Index $\geq 3.0$	103, 392, 415, 473, 480-482, 485-486, 488, 504, 506, 512-513, 539, 541-542
108	Residual O.R. Procedures with Case Mix Index $< 3.0$	393-394, 401-402, 406-408, 424, 461, 477, 507, 540