

Chart C  
Acute Hospital RY23 MassHealth DRG Weights and Mean All-Payer Lengths of Stay  
Commonwealth of Massachusetts  
Executive Office of Health and Human Services  
All Patient Refined - Diagnostic Related Group and Severity of Illness (APR-DRG)  
List of RY23 DRGs, MassHealth DRG Weights, and Mean All-Payer Length of Stay (Mean LOS)

| DRG & SOI | DRG Description                                                 | MassHealth DRG Weight | Mean LOS |
|-----------|-----------------------------------------------------------------|-----------------------|----------|
| 1-1       | LIVER TRANSPLANT AND/OR INTESTINAL TRANSPLANT                   | 7.2366                | 23.24    |
| 1-2       | LIVER TRANSPLANT AND/OR INTESTINAL TRANSPLANT                   | 9.0633                | 23.24    |
| 1-3       | LIVER TRANSPLANT AND/OR INTESTINAL TRANSPLANT                   | 11.0518               | 23.24    |
| 1-4       | LIVER TRANSPLANT AND/OR INTESTINAL TRANSPLANT                   | 22.8683               | 23.24    |
| 2-1       | HEART AND/OR LUNG TRANSPLANT                                    | 12.9071               | 53.14    |
| 2-2       | HEART AND/OR LUNG TRANSPLANT                                    | 13.2380               | 53.14    |
| 2-3       | HEART AND/OR LUNG TRANSPLANT                                    | 16.3140               | 53.14    |
| 2-4       | HEART AND/OR LUNG TRANSPLANT                                    | 56.1758               | 53.14    |
| 4-1       | TRACHEOSTOMY WITH MV >96 HOURS WITH EXTENSIVE PROCEDURE         | 7.5371                | 48.72    |
| 4-2       | TRACHEOSTOMY WITH MV >96 HOURS WITH EXTENSIVE PROCEDURE         | 8.9226                | 48.72    |
| 4-3       | TRACHEOSTOMY WITH MV >96 HOURS WITH EXTENSIVE PROCEDURE         | 9.9757                | 48.72    |
| 4-4       | TRACHEOSTOMY WITH MV >96 HOURS WITH EXTENSIVE PROCEDURE         | 18.0305               | 48.72    |
| 5-1       | TRACHEOSTOMY WITH MV >96 HOURS WITHOUT EXTENSIVE PROCEDURE      | 5.7560                | 35.15    |
| 5-2       | TRACHEOSTOMY WITH MV >96 HOURS WITHOUT EXTENSIVE PROCEDURE      | 6.8673                | 35.15    |
| 5-3       | TRACHEOSTOMY WITH MV >96 HOURS WITHOUT EXTENSIVE PROCEDURE      | 8.2123                | 35.15    |
| 5-4       | TRACHEOSTOMY WITH MV >96 HOURS WITHOUT EXTENSIVE PROCEDURE      | 10.5744               | 35.15    |
| 6-1       | PANCREAS TRANSPLANT                                             | 8.9189                | 10.30    |
| 6-2       | PANCREAS TRANSPLANT                                             | 10.7684               | 10.30    |
| 6-3       | PANCREAS TRANSPLANT                                             | 12.9298               | 10.30    |
| 6-4       | PANCREAS TRANSPLANT                                             | 21.7125               | 10.30    |
| 7-1       | ALLOGENEIC BONE MARROW TRANSPLANT                               | 11.3810               | 29.40    |
| 7-2       | ALLOGENEIC BONE MARROW TRANSPLANT                               | 12.4484               | 29.40    |
| 7-3       | ALLOGENEIC BONE MARROW TRANSPLANT                               | 13.7537               | 29.40    |
| 7-4       | ALLOGENEIC BONE MARROW TRANSPLANT                               | 27.2438               | 29.40    |
| 8-1       | AUTOLOGOUS BONE MARROW TRANSPLANT OR T-CELL IMMUNOTHERAPY       | 4.8604                | 19.44    |
| 8-2       | AUTOLOGOUS BONE MARROW TRANSPLANT OR T-CELL IMMUNOTHERAPY       | 7.1776                | 19.44    |
| 8-3       | AUTOLOGOUS BONE MARROW TRANSPLANT OR T-CELL IMMUNOTHERAPY       | 8.6182                | 19.44    |
| 8-4       | AUTOLOGOUS BONE MARROW TRANSPLANT OR T-CELL IMMUNOTHERAPY       | 17.4813               | 19.44    |
| 9-1       | EXTRACORPOREAL MEMBRANE OXYGENATION (ECMO)                      | 5.4289                | 43.74    |
| 9-2       | EXTRACORPOREAL MEMBRANE OXYGENATION (ECMO)                      | 6.2812                | 43.74    |
| 9-3       | EXTRACORPOREAL MEMBRANE OXYGENATION (ECMO)                      | 9.0049                | 43.74    |
| 9-4       | EXTRACORPOREAL MEMBRANE OXYGENATION (ECMO)                      | 26.2448               | 43.74    |
| 20-1      | OPEN CRANIOTOMY FOR TRAUMA                                      | 1.6747                | 10.32    |
| 20-2      | OPEN CRANIOTOMY FOR TRAUMA                                      | 2.1129                | 10.32    |
| 20-3      | OPEN CRANIOTOMY FOR TRAUMA                                      | 2.8177                | 10.32    |
| 20-4      | OPEN CRANIOTOMY FOR TRAUMA                                      | 5.3288                | 10.32    |
| 21-1      | OPEN CRANIOTOMY EXCEPT TRAUMA                                   | 1.6586                | 7.39     |
| 21-2      | OPEN CRANIOTOMY EXCEPT TRAUMA                                   | 2.0905                | 7.39     |
| 21-3      | OPEN CRANIOTOMY EXCEPT TRAUMA                                   | 3.4435                | 7.39     |
| 21-4      | OPEN CRANIOTOMY EXCEPT TRAUMA                                   | 6.4711                | 7.39     |
| 22-1      | VENTRICULAR SHUNT PROCEDURES                                    | 1.1736                | 4.96     |
| 22-2      | VENTRICULAR SHUNT PROCEDURES                                    | 1.4462                | 4.96     |
| 22-3      | VENTRICULAR SHUNT PROCEDURES                                    | 2.5784                | 4.96     |
| 22-4      | VENTRICULAR SHUNT PROCEDURES                                    | 5.6998                | 4.96     |
| 23-1      | SPINAL PROCEDURES                                               | 1.3576                | 6.49     |
| 23-2      | SPINAL PROCEDURES                                               | 1.9384                | 6.49     |
| 23-3      | SPINAL PROCEDURES                                               | 3.5586                | 6.49     |
| 23-4      | SPINAL PROCEDURES                                               | 4.7703                | 6.49     |
| 24-1      | OPEN EXTRACRANIAL VASCULAR PROCEDURES                           | 0.7349                | 2.64     |
| 24-2      | OPEN EXTRACRANIAL VASCULAR PROCEDURES                           | 1.0255                | 2.64     |
| 24-3      | OPEN EXTRACRANIAL VASCULAR PROCEDURES                           | 1.8310                | 2.64     |
| 24-4      | OPEN EXTRACRANIAL VASCULAR PROCEDURES                           | 3.2171                | 2.64     |
| 26-1      | OTHER NERVOUS SYSTEM AND RELATED PROCEDURES                     | 1.3408                | 6.10     |
| 26-2      | OTHER NERVOUS SYSTEM AND RELATED PROCEDURES                     | 1.4178                | 6.10     |
| 26-3      | OTHER NERVOUS SYSTEM AND RELATED PROCEDURES                     | 2.0703                | 6.10     |
| 26-4      | OTHER NERVOUS SYSTEM AND RELATED PROCEDURES                     | 5.9566                | 6.10     |
| 27-1      | OTHER OPEN CRANIOTOMY                                           | 1.3802                | 5.20     |
| 27-2      | OTHER OPEN CRANIOTOMY                                           | 1.8752                | 5.20     |
| 27-3      | OTHER OPEN CRANIOTOMY                                           | 2.6975                | 5.20     |
| 27-4      | OTHER OPEN CRANIOTOMY                                           | 6.6790                | 5.20     |
| 29-1      | OTHER PERCUTANEOUS INTRACRANIAL PROCEDURES                      | 1.6307                | 5.37     |
| 29-2      | OTHER PERCUTANEOUS INTRACRANIAL PROCEDURES                      | 1.8776                | 5.37     |
| 29-3      | OTHER PERCUTANEOUS INTRACRANIAL PROCEDURES                      | 2.5775                | 5.37     |
| 29-4      | OTHER PERCUTANEOUS INTRACRANIAL PROCEDURES                      | 4.0626                | 5.37     |
| 30-1      | PERCUTANEOUS INTRACRANIAL AND EXTRACRANIAL VASCULAR PROCEDURES  | 1.7276                | 5.41     |
| 30-2      | PERCUTANEOUS INTRACRANIAL AND EXTRACRANIAL VASCULAR PROCEDURES  | 2.2608                | 5.41     |
| 30-3      | PERCUTANEOUS INTRACRANIAL AND EXTRACRANIAL VASCULAR PROCEDURES  | 3.1181                | 5.41     |
| 30-4      | PERCUTANEOUS INTRACRANIAL AND EXTRACRANIAL VASCULAR PROCEDURES  | 3.7964                | 5.41     |
| 40-1      | SPINAL DISORDERS AND INJURIES                                   | 0.7055                | 5.84     |
| 40-2      | SPINAL DISORDERS AND INJURIES                                   | 0.9668                | 5.84     |
| 40-3      | SPINAL DISORDERS AND INJURIES                                   | 1.5324                | 5.84     |
| 40-4      | SPINAL DISORDERS AND INJURIES                                   | 3.3446                | 5.84     |
| 41-1      | NERVOUS SYSTEM MALIGNANCY                                       | 0.7266                | 5.75     |
| 41-2      | NERVOUS SYSTEM MALIGNANCY                                       | 0.7501                | 5.75     |
| 41-3      | NERVOUS SYSTEM MALIGNANCY                                       | 1.0858                | 5.75     |
| 41-4      | NERVOUS SYSTEM MALIGNANCY                                       | 2.0128                | 5.75     |
| 42-1      | DEGENERATIVE NERVOUS SYSTEM DISORDERS EXCEPT MULTIPLE SCLEROSIS | 1.0462                | 14.11    |
| 42-2      | DEGENERATIVE NERVOUS SYSTEM DISORDERS EXCEPT MULTIPLE SCLEROSIS | 1.2922                | 14.11    |
| 42-3      | DEGENERATIVE NERVOUS SYSTEM DISORDERS EXCEPT MULTIPLE SCLEROSIS | 1.8420                | 14.11    |
| 42-4      | DEGENERATIVE NERVOUS SYSTEM DISORDERS EXCEPT MULTIPLE SCLEROSIS | 2.6478                | 14.11    |

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| DRG & SOI | DRG Description                                                                                        | MassHealth<br>DRG Weight | Mean LOS |
|-----------|--------------------------------------------------------------------------------------------------------|--------------------------|----------|
| 43-1      | MULTIPLE SCLEROSIS, OTHER DEMYELINATING DISEASE AND INFLAMMATORY NEUROPATHIES                          | 0.7029                   | 4.83     |
| 43-2      | MULTIPLE SCLEROSIS, OTHER DEMYELINATING DISEASE AND INFLAMMATORY NEUROPATHIES                          | 0.9919                   | 4.83     |
| 43-3      | MULTIPLE SCLEROSIS, OTHER DEMYELINATING DISEASE AND INFLAMMATORY NEUROPATHIES                          | 1.3693                   | 4.83     |
| 43-4      | MULTIPLE SCLEROSIS, OTHER DEMYELINATING DISEASE AND INFLAMMATORY NEUROPATHIES                          | 3.7438                   | 4.83     |
| 44-1      | INTRACRANIAL HEMORRHAGE                                                                                | 0.5630                   | 5.59     |
| 44-2      | INTRACRANIAL HEMORRHAGE                                                                                | 0.7702                   | 5.59     |
| 44-3      | INTRACRANIAL HEMORRHAGE                                                                                | 1.2775                   | 5.59     |
| 44-4      | INTRACRANIAL HEMORRHAGE                                                                                | 1.8954                   | 5.59     |
| 45-1      | CVA AND PRECEREBRAL OCCLUSION WITH INFARCTION                                                          | 0.4677                   | 4.23     |
| 45-2      | CVA AND PRECEREBRAL OCCLUSION WITH INFARCTION                                                          | 0.6474                   | 4.23     |
| 45-3      | CVA AND PRECEREBRAL OCCLUSION WITH INFARCTION                                                          | 1.0185                   | 4.23     |
| 45-4      | CVA AND PRECEREBRAL OCCLUSION WITH INFARCTION                                                          | 1.8369                   | 4.23     |
| 46-1      | NONSPECIFIC CVA AND PRECEREBRAL OCCLUSION WITHOUT INFARCTION                                           | 0.4590                   | 2.84     |
| 46-2      | NONSPECIFIC CVA AND PRECEREBRAL OCCLUSION WITHOUT INFARCTION                                           | 0.5607                   | 2.84     |
| 46-3      | NONSPECIFIC CVA AND PRECEREBRAL OCCLUSION WITHOUT INFARCTION                                           | 0.7332                   | 2.84     |
| 46-4      | NONSPECIFIC CVA AND PRECEREBRAL OCCLUSION WITHOUT INFARCTION                                           | 2.1575                   | 2.84     |
| 47-1      | TRANSIENT ISCHEMIA                                                                                     | 0.3617                   | 2.47     |
| 47-2      | TRANSIENT ISCHEMIA                                                                                     | 0.4382                   | 2.47     |
| 47-3      | TRANSIENT ISCHEMIA                                                                                     | 0.6464                   | 2.47     |
| 47-4      | TRANSIENT ISCHEMIA                                                                                     | 2.0039                   | 2.47     |
| 48-1      | PERIPHERAL, CRANIAL AND AUTONOMIC NERVE DISORDERS                                                      | 0.4972                   | 4.14     |
| 48-2      | PERIPHERAL, CRANIAL AND AUTONOMIC NERVE DISORDERS                                                      | 0.6136                   | 4.14     |
| 48-3      | PERIPHERAL, CRANIAL AND AUTONOMIC NERVE DISORDERS                                                      | 0.8839                   | 4.14     |
| 48-4      | PERIPHERAL, CRANIAL AND AUTONOMIC NERVE DISORDERS                                                      | 2.0586                   | 4.14     |
| 49-1      | BACTERIAL AND TUBERCULOUS INFECTIONS OF NERVOUS SYSTEM                                                 | 1.0842                   | 8.65     |
| 49-2      | BACTERIAL AND TUBERCULOUS INFECTIONS OF NERVOUS SYSTEM                                                 | 1.5347                   | 8.65     |
| 49-3      | BACTERIAL AND TUBERCULOUS INFECTIONS OF NERVOUS SYSTEM                                                 | 1.6865                   | 8.65     |
| 49-4      | BACTERIAL AND TUBERCULOUS INFECTIONS OF NERVOUS SYSTEM                                                 | 3.3298                   | 8.65     |
| 50-1      | NON-BACTERIAL INFECTIONS OF NERVOUS SYSTEM EXCEPT VIRAL MENINGITIS                                     | 0.4754                   | 7.18     |
| 50-2      | NON-BACTERIAL INFECTIONS OF NERVOUS SYSTEM EXCEPT VIRAL MENINGITIS                                     | 1.1692                   | 7.18     |
| 50-3      | NON-BACTERIAL INFECTIONS OF NERVOUS SYSTEM EXCEPT VIRAL MENINGITIS                                     | 1.7517                   | 7.18     |
| 50-4      | NON-BACTERIAL INFECTIONS OF NERVOUS SYSTEM EXCEPT VIRAL MENINGITIS                                     | 3.7461                   | 7.18     |
| 51-1      | VIRAL MENINGITIS                                                                                       | 0.4026                   | 3.71     |
| 51-2      | VIRAL MENINGITIS                                                                                       | 0.7059                   | 3.71     |
| 51-3      | VIRAL MENINGITIS                                                                                       | 1.2851                   | 3.71     |
| 51-4      | VIRAL MENINGITIS                                                                                       | 2.6368                   | 3.71     |
| 52-1      | ALTERATION IN CONSCIOUSNESS                                                                            | 0.3890                   | 5.34     |
| 52-2      | ALTERATION IN CONSCIOUSNESS                                                                            | 0.5246                   | 5.34     |
| 52-3      | ALTERATION IN CONSCIOUSNESS                                                                            | 0.7578                   | 5.34     |
| 52-4      | ALTERATION IN CONSCIOUSNESS                                                                            | 2.3303                   | 5.34     |
| 53-1      | SEIZURE                                                                                                | 0.4945                   | 3.90     |
| 53-2      | SEIZURE                                                                                                | 0.5544                   | 3.90     |
| 53-3      | SEIZURE                                                                                                | 0.9034                   | 3.90     |
| 53-4      | SEIZURE                                                                                                | 2.1754                   | 3.90     |
| 54-1      | MIGRAINE AND OTHER HEADACHES                                                                           | 0.4120                   | 2.83     |
| 54-2      | MIGRAINE AND OTHER HEADACHES                                                                           | 0.5194                   | 2.83     |
| 54-3      | MIGRAINE AND OTHER HEADACHES                                                                           | 0.7120                   | 2.83     |
| 54-4      | MIGRAINE AND OTHER HEADACHES                                                                           | 1.4027                   | 2.83     |
| 55-1      | HEAD TRAUMA WITH COMA > 1 HOUR OR HEMORRHAGE                                                           | 0.4593                   | 4.44     |
| 55-2      | HEAD TRAUMA WITH COMA > 1 HOUR OR HEMORRHAGE                                                           | 0.7055                   | 4.44     |
| 55-3      | HEAD TRAUMA WITH COMA > 1 HOUR OR HEMORRHAGE                                                           | 1.1231                   | 4.44     |
| 55-4      | HEAD TRAUMA WITH COMA > 1 HOUR OR HEMORRHAGE                                                           | 2.2900                   | 4.44     |
| 56-1      | BRAIN CONTUSION OR LACERATION AND COMPLICATED SKULL FRACTURE, COMA < 1 HOUR OR NO COMA                 | 0.5825                   | 3.40     |
| 56-2      | BRAIN CONTUSION OR LACERATION AND COMPLICATED SKULL FRACTURE, COMA < 1 HOUR OR NO COMA                 | 0.8597                   | 3.40     |
| 56-3      | BRAIN CONTUSION OR LACERATION AND COMPLICATED SKULL FRACTURE, COMA < 1 HOUR OR NO COMA                 | 1.5640                   | 3.40     |
| 56-4      | BRAIN CONTUSION OR LACERATION AND COMPLICATED SKULL FRACTURE, COMA < 1 HOUR OR NO COMA                 | 2.9023                   | 3.40     |
| 57-1      | CONCUSSION, CLOSED SKULL FRACTURE NOS, AND UNCOMPLICATED INTRACRANIAL INJURY, COMA < 1 HOUR OR NO COMA | 0.3775                   | 3.30     |
| 57-2      | CONCUSSION, CLOSED SKULL FRACTURE NOS, AND UNCOMPLICATED INTRACRANIAL INJURY, COMA < 1 HOUR OR NO COMA | 0.4927                   | 3.30     |
| 57-3      | CONCUSSION, CLOSED SKULL FRACTURE NOS, AND UNCOMPLICATED INTRACRANIAL INJURY, COMA < 1 HOUR OR NO COMA | 0.8954                   | 3.30     |
| 57-4      | CONCUSSION, CLOSED SKULL FRACTURE NOS, AND UNCOMPLICATED INTRACRANIAL INJURY, COMA < 1 HOUR OR NO COMA | 1.8600                   | 3.30     |
| 58-1      | OTHER DISORDERS OF NERVOUS SYSTEM                                                                      | 0.5471                   | 5.03     |
| 58-2      | OTHER DISORDERS OF NERVOUS SYSTEM                                                                      | 0.8515                   | 5.03     |
| 58-3      | OTHER DISORDERS OF NERVOUS SYSTEM                                                                      | 1.1025                   | 5.03     |
| 58-4      | OTHER DISORDERS OF NERVOUS SYSTEM                                                                      | 2.2007                   | 5.03     |
| 59-1      | ANOXIC AND OTHER SEVERE BRAIN DAMAGE                                                                   | 0.6506                   | 8.33     |
| 59-2      | ANOXIC AND OTHER SEVERE BRAIN DAMAGE                                                                   | 1.0889                   | 8.33     |
| 59-3      | ANOXIC AND OTHER SEVERE BRAIN DAMAGE                                                                   | 1.4410                   | 8.33     |
| 59-4      | ANOXIC AND OTHER SEVERE BRAIN DAMAGE                                                                   | 2.4921                   | 8.33     |
| 73-1      | ORBIT AND EYE PROCEDURES                                                                               | 0.8455                   | 3.64     |
| 73-2      | ORBIT AND EYE PROCEDURES                                                                               | 1.1033                   | 3.64     |
| 73-3      | ORBIT AND EYE PROCEDURES                                                                               | 1.7830                   | 3.64     |
| 73-4      | ORBIT AND EYE PROCEDURES                                                                               | 4.4742                   | 3.64     |
| 82-1      | EYE INFECTIONS AND OTHER EYE DISORDERS                                                                 | 0.5481                   | 3.73     |
| 82-2      | EYE INFECTIONS AND OTHER EYE DISORDERS                                                                 | 0.6498                   | 3.73     |
| 82-3      | EYE INFECTIONS AND OTHER EYE DISORDERS                                                                 | 1.0514                   | 3.73     |
| 82-4      | EYE INFECTIONS AND OTHER EYE DISORDERS                                                                 | 2.5408                   | 3.73     |
| 89-1      | MAJOR CRANIAL OR FACIAL BONE PROCEDURES                                                                | 1.4417                   | 5.49     |
| 89-2      | MAJOR CRANIAL OR FACIAL BONE PROCEDURES                                                                | 1.9930                   | 5.49     |
| 89-3      | MAJOR CRANIAL OR FACIAL BONE PROCEDURES                                                                | 3.3985                   | 5.49     |
| 89-4      | MAJOR CRANIAL OR FACIAL BONE PROCEDURES                                                                | 6.8527                   | 5.49     |

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List of RY23 DRGs, MassHealth DRG Weights, and Mean All-Payer Length of Stay (Mean LOS)

| DRG & SOI | DRG Description                                                        | MassHealth<br>DRG Weight | Mean LOS |
|-----------|------------------------------------------------------------------------|--------------------------|----------|
| 91-1      | OTHER MAJOR HEAD AND NECK PROCEDURES                                   | 1.0749                   | 6.97     |
| 91-2      | OTHER MAJOR HEAD AND NECK PROCEDURES                                   | 2.0644                   | 6.97     |
| 91-3      | OTHER MAJOR HEAD AND NECK PROCEDURES                                   | 4.0947                   | 6.97     |
| 91-4      | OTHER MAJOR HEAD AND NECK PROCEDURES                                   | 7.1278                   | 6.97     |
| 92-1      | FACIAL BONE PROCEDURES EXCEPT MAJOR CRANIAL OR FACIAL BONE PROCEDURES  | 1.3463                   | 2.97     |
| 92-2      | FACIAL BONE PROCEDURES EXCEPT MAJOR CRANIAL OR FACIAL BONE PROCEDURES  | 1.6662                   | 2.97     |
| 92-3      | FACIAL BONE PROCEDURES EXCEPT MAJOR CRANIAL OR FACIAL BONE PROCEDURES  | 2.3529                   | 2.97     |
| 92-4      | FACIAL BONE PROCEDURES EXCEPT MAJOR CRANIAL OR FACIAL BONE PROCEDURES  | 5.8529                   | 2.97     |
| 95-1      | CLEFT LIP AND PALATE REPAIR                                            | 0.8397                   | 1.87     |
| 95-2      | CLEFT LIP AND PALATE REPAIR                                            | 1.0790                   | 1.87     |
| 95-3      | CLEFT LIP AND PALATE REPAIR                                            | 1.6752                   | 1.87     |
| 95-4      | CLEFT LIP AND PALATE REPAIR                                            | 3.1230                   | 1.87     |
| 97-1      | TONSIL AND ADENOID PROCEDURES                                          | 0.4777                   | 2.96     |
| 97-2      | TONSIL AND ADENOID PROCEDURES                                          | 0.9455                   | 2.96     |
| 97-3      | TONSIL AND ADENOID PROCEDURES                                          | 1.9297                   | 2.96     |
| 97-4      | TONSIL AND ADENOID PROCEDURES                                          | 3.1996                   | 2.96     |
| 98-1      | OTHER EAR, NOSE, MOUTH AND THROAT PROCEDURES                           | 0.8498                   | 5.45     |
| 98-2      | OTHER EAR, NOSE, MOUTH AND THROAT PROCEDURES                           | 1.3895                   | 5.45     |
| 98-3      | OTHER EAR, NOSE, MOUTH AND THROAT PROCEDURES                           | 2.3208                   | 5.45     |
| 98-4      | OTHER EAR, NOSE, MOUTH AND THROAT PROCEDURES                           | 4.8191                   | 5.45     |
| 110-1     | EAR, NOSE, MOUTH, THROAT AND CRANIAL OR FACIAL MALIGNANCIES            | 0.5984                   | 5.91     |
| 110-2     | EAR, NOSE, MOUTH, THROAT AND CRANIAL OR FACIAL MALIGNANCIES            | 0.7777                   | 5.91     |
| 110-3     | EAR, NOSE, MOUTH, THROAT AND CRANIAL OR FACIAL MALIGNANCIES            | 1.5440                   | 5.91     |
| 110-4     | EAR, NOSE, MOUTH, THROAT AND CRANIAL OR FACIAL MALIGNANCIES            | 1.6595                   | 5.91     |
| 111-1     | VERTIGO AND OTHER LABYRINTH DISORDERS                                  | 0.3425                   | 2.56     |
| 111-2     | VERTIGO AND OTHER LABYRINTH DISORDERS                                  | 0.4436                   | 2.56     |
| 111-3     | VERTIGO AND OTHER LABYRINTH DISORDERS                                  | 0.5159                   | 2.56     |
| 111-4     | VERTIGO AND OTHER LABYRINTH DISORDERS                                  | 1.4277                   | 2.56     |
| 113-1     | INFECTIONS OF UPPER RESPIRATORY TRACT                                  | 0.3038                   | 3.16     |
| 113-2     | INFECTIONS OF UPPER RESPIRATORY TRACT                                  | 0.4513                   | 3.16     |
| 113-3     | INFECTIONS OF UPPER RESPIRATORY TRACT                                  | 0.7097                   | 3.16     |
| 113-4     | INFECTIONS OF UPPER RESPIRATORY TRACT                                  | 1.2491                   | 3.16     |
| 114-1     | DENTAL DISEASES AND DISORDERS                                          | 0.3810                   | 3.32     |
| 114-2     | DENTAL DISEASES AND DISORDERS                                          | 0.4922                   | 3.32     |
| 114-3     | DENTAL DISEASES AND DISORDERS                                          | 1.0481                   | 3.32     |
| 114-4     | DENTAL DISEASES AND DISORDERS                                          | 2.3143                   | 3.32     |
| 115-1     | OTHER EAR, NOSE, MOUTH, THROAT AND CRANIAL OR FACIAL DIAGNOSES         | 0.4727                   | 3.82     |
| 115-2     | OTHER EAR, NOSE, MOUTH, THROAT AND CRANIAL OR FACIAL DIAGNOSES         | 0.6024                   | 3.82     |
| 115-3     | OTHER EAR, NOSE, MOUTH, THROAT AND CRANIAL OR FACIAL DIAGNOSES         | 0.9602                   | 3.82     |
| 115-4     | OTHER EAR, NOSE, MOUTH, THROAT AND CRANIAL OR FACIAL DIAGNOSES         | 1.9972                   | 3.82     |
| 120-1     | MAJOR RESPIRATORY AND CHEST PROCEDURES                                 | 1.5355                   | 5.65     |
| 120-2     | MAJOR RESPIRATORY AND CHEST PROCEDURES                                 | 2.0021                   | 5.65     |
| 120-3     | MAJOR RESPIRATORY AND CHEST PROCEDURES                                 | 3.6640                   | 5.65     |
| 120-4     | MAJOR RESPIRATORY AND CHEST PROCEDURES                                 | 6.4294                   | 5.65     |
| 121-1     | OTHER RESPIRATORY AND CHEST PROCEDURES                                 | 1.1421                   | 5.56     |
| 121-2     | OTHER RESPIRATORY AND CHEST PROCEDURES                                 | 1.4711                   | 5.56     |
| 121-3     | OTHER RESPIRATORY AND CHEST PROCEDURES                                 | 2.7020                   | 5.56     |
| 121-4     | OTHER RESPIRATORY AND CHEST PROCEDURES                                 | 4.4893                   | 5.56     |
| 130-1     | RESPIRATORY SYSTEM DIAGNOSIS WITH VENTILATOR SUPPORT > 96 HOURS        | 3.4216                   | 16.60    |
| 130-2     | RESPIRATORY SYSTEM DIAGNOSIS WITH VENTILATOR SUPPORT > 96 HOURS        | 3.5418                   | 16.60    |
| 130-3     | RESPIRATORY SYSTEM DIAGNOSIS WITH VENTILATOR SUPPORT > 96 HOURS        | 4.0397                   | 16.60    |
| 130-4     | RESPIRATORY SYSTEM DIAGNOSIS WITH VENTILATOR SUPPORT > 96 HOURS        | 5.3371                   | 16.60    |
| 131-1     | CYSTIC FIBROSIS - PULMONARY DISEASE                                    | 2.0985                   | 10.68    |
| 131-2     | CYSTIC FIBROSIS - PULMONARY DISEASE                                    | 2.2380                   | 10.68    |
| 131-3     | CYSTIC FIBROSIS - PULMONARY DISEASE                                    | 2.7819                   | 10.68    |
| 131-4     | CYSTIC FIBROSIS - PULMONARY DISEASE                                    | 4.7825                   | 10.68    |
| 132-1     | BPD AND OTHER CHRONIC RESPIRATORY DISEASES ARISING IN PERINATAL PERIOD | 0.4861                   | 6.79     |
| 132-2     | BPD AND OTHER CHRONIC RESPIRATORY DISEASES ARISING IN PERINATAL PERIOD | 1.0476                   | 6.79     |
| 132-3     | BPD AND OTHER CHRONIC RESPIRATORY DISEASES ARISING IN PERINATAL PERIOD | 1.2993                   | 6.79     |
| 132-4     | BPD AND OTHER CHRONIC RESPIRATORY DISEASES ARISING IN PERINATAL PERIOD | 2.1906                   | 6.79     |
| 133-1     | RESPIRATORY FAILURE                                                    | 0.4788                   | 4.98     |
| 133-2     | RESPIRATORY FAILURE                                                    | 0.6314                   | 4.98     |
| 133-3     | RESPIRATORY FAILURE                                                    | 1.0287                   | 4.98     |
| 133-4     | RESPIRATORY FAILURE                                                    | 1.8254                   | 4.98     |
| 134-1     | PULMONARY EMBOLISM                                                     | 0.4008                   | 4.03     |
| 134-2     | PULMONARY EMBOLISM                                                     | 0.5592                   | 4.03     |
| 134-3     | PULMONARY EMBOLISM                                                     | 0.9090                   | 4.03     |
| 134-4     | PULMONARY EMBOLISM                                                     | 1.4933                   | 4.03     |
| 135-1     | MAJOR CHEST AND RESPIRATORY TRAUMA                                     | 0.4867                   | 4.05     |
| 135-2     | MAJOR CHEST AND RESPIRATORY TRAUMA                                     | 0.5909                   | 4.05     |
| 135-3     | MAJOR CHEST AND RESPIRATORY TRAUMA                                     | 0.9469                   | 4.05     |
| 135-4     | MAJOR CHEST AND RESPIRATORY TRAUMA                                     | 1.6378                   | 4.05     |
| 136-1     | RESPIRATORY MALIGNANCY                                                 | 0.5953                   | 5.79     |
| 136-2     | RESPIRATORY MALIGNANCY                                                 | 0.7250                   | 5.79     |
| 136-3     | RESPIRATORY MALIGNANCY                                                 | 1.1095                   | 5.79     |
| 136-4     | RESPIRATORY MALIGNANCY                                                 | 1.7016                   | 5.79     |
| 137-1     | MAJOR RESPIRATORY INFECTIONS AND INFLAMMATIONS                         | 0.4747                   | 6.32     |
| 137-2     | MAJOR RESPIRATORY INFECTIONS AND INFLAMMATIONS                         | 0.6436                   | 6.32     |
| 137-3     | MAJOR RESPIRATORY INFECTIONS AND INFLAMMATIONS                         | 0.9293                   | 6.32     |
| 137-4     | MAJOR RESPIRATORY INFECTIONS AND INFLAMMATIONS                         | 1.5036                   | 6.32     |

Chart C  
Acute Hospital RY23 MassHealth DRG Weights and Mean All-Payer Lengths of Stay  
Commonwealth of Massachusetts  
Executive Office of Health and Human Services  
All Patient Refined - Diagnostic Related Group and Severity of Illness (APR-DRG)  
List of RY23 DRGs, MassHealth DRG Weights, and Mean All-Payer Length of Stay (Mean LOS)

| DRG & SOI | DRG Description                                                                | MassHealth DRG Weight | Mean LOS |
|-----------|--------------------------------------------------------------------------------|-----------------------|----------|
| 138-1     | BRONCHIOLITIS AND RSV PNEUMONIA                                                | 0.2986                | 3.01     |
| 138-2     | BRONCHIOLITIS AND RSV PNEUMONIA                                                | 0.4466                | 3.01     |
| 138-3     | BRONCHIOLITIS AND RSV PNEUMONIA                                                | 0.7806                | 3.01     |
| 138-4     | BRONCHIOLITIS AND RSV PNEUMONIA                                                | 1.6404                | 3.01     |
| 139-1     | OTHER PNEUMONIA                                                                | 0.3558                | 4.23     |
| 139-2     | OTHER PNEUMONIA                                                                | 0.4696                | 4.23     |
| 139-3     | OTHER PNEUMONIA                                                                | 0.6969                | 4.23     |
| 139-4     | OTHER PNEUMONIA                                                                | 1.1569                | 4.23     |
| 140-1     | CHRONIC OBSTRUCTIVE PULMONARY DISEASE                                          | 0.3992                | 4.06     |
| 140-2     | CHRONIC OBSTRUCTIVE PULMONARY DISEASE                                          | 0.4998                | 4.06     |
| 140-3     | CHRONIC OBSTRUCTIVE PULMONARY DISEASE                                          | 0.6231                | 4.06     |
| 140-4     | CHRONIC OBSTRUCTIVE PULMONARY DISEASE                                          | 0.9669                | 4.06     |
| 141-1     | ASTHMA                                                                         | 0.3496                | 2.88     |
| 141-2     | ASTHMA                                                                         | 0.4764                | 2.88     |
| 141-3     | ASTHMA                                                                         | 0.5614                | 2.88     |
| 141-4     | ASTHMA                                                                         | 0.9994                | 2.88     |
| 142-1     | INTERSTITIAL AND ALVEOLAR LUNG DISEASES                                        | 0.4962                | 6.11     |
| 142-2     | INTERSTITIAL AND ALVEOLAR LUNG DISEASES                                        | 0.6176                | 6.11     |
| 142-3     | INTERSTITIAL AND ALVEOLAR LUNG DISEASES                                        | 1.0648                | 6.11     |
| 142-4     | INTERSTITIAL AND ALVEOLAR LUNG DISEASES                                        | 1.7889                | 6.11     |
| 143-1     | OTHER RESPIRATORY DIAGNOSES EXCEPT SIGNS, SYMPTOMS AND MISCELLANEOUS DIAGNOSES | 0.4838                | 4.68     |
| 143-2     | OTHER RESPIRATORY DIAGNOSES EXCEPT SIGNS, SYMPTOMS AND MISCELLANEOUS DIAGNOSES | 0.6878                | 4.68     |
| 143-3     | OTHER RESPIRATORY DIAGNOSES EXCEPT SIGNS, SYMPTOMS AND MISCELLANEOUS DIAGNOSES | 0.9702                | 4.68     |
| 143-4     | OTHER RESPIRATORY DIAGNOSES EXCEPT SIGNS, SYMPTOMS AND MISCELLANEOUS DIAGNOSES | 1.7104                | 4.68     |
| 144-1     | RESPIRATORY SIGNS, SYMPTOMS AND MISCELLANEOUS DIAGNOSES                        | 0.4679                | 4.25     |
| 144-2     | RESPIRATORY SIGNS, SYMPTOMS AND MISCELLANEOUS DIAGNOSES                        | 0.5207                | 4.25     |
| 144-3     | RESPIRATORY SIGNS, SYMPTOMS AND MISCELLANEOUS DIAGNOSES                        | 0.8596                | 4.25     |
| 144-4     | RESPIRATORY SIGNS, SYMPTOMS AND MISCELLANEOUS DIAGNOSES                        | 1.1636                | 4.25     |
| 145-1     | ACUTE BRONCHITIS AND RELATED SYMPTOMS                                          | 0.3697                | 3.26     |
| 145-2     | ACUTE BRONCHITIS AND RELATED SYMPTOMS                                          | 0.4345                | 3.26     |
| 145-3     | ACUTE BRONCHITIS AND RELATED SYMPTOMS                                          | 0.6099                | 3.26     |
| 145-4     | ACUTE BRONCHITIS AND RELATED SYMPTOMS                                          | 1.2098                | 3.26     |
| 160-1     | MAJOR CARDIOTHORACIC REPAIR OF HEART ANOMALY                                   | 3.5044                | 16.25    |
| 160-2     | MAJOR CARDIOTHORACIC REPAIR OF HEART ANOMALY                                   | 3.8209                | 16.25    |
| 160-3     | MAJOR CARDIOTHORACIC REPAIR OF HEART ANOMALY                                   | 6.0462                | 16.25    |
| 160-4     | MAJOR CARDIOTHORACIC REPAIR OF HEART ANOMALY                                   | 14.8418               | 16.25    |
| 161-1     | IMPLANTABLE HEART ASSIST SYSTEMS                                               | 12.2806               | 34.31    |
| 161-2     | IMPLANTABLE HEART ASSIST SYSTEMS                                               | 15.3329               | 34.31    |
| 161-3     | IMPLANTABLE HEART ASSIST SYSTEMS                                               | 18.4448               | 34.31    |
| 161-4     | IMPLANTABLE HEART ASSIST SYSTEMS                                               | 24.3904               | 34.31    |
| 162-1     | CARDIAC VALVE PROCEDURES WITH AMI OR COMPLEX PRINCIPAL DIAGNOSIS               | 2.7414                | 15.38    |
| 162-2     | CARDIAC VALVE PROCEDURES WITH AMI OR COMPLEX PRINCIPAL DIAGNOSIS               | 3.8923                | 15.38    |
| 162-3     | CARDIAC VALVE PROCEDURES WITH AMI OR COMPLEX PRINCIPAL DIAGNOSIS               | 5.1420                | 15.38    |
| 162-4     | CARDIAC VALVE PROCEDURES WITH AMI OR COMPLEX PRINCIPAL DIAGNOSIS               | 8.6230                | 15.38    |
| 163-1     | CARDIAC VALVE PROCEDURES WITHOUT AMI OR COMPLEX PRINCIPAL DIAGNOSIS            | 2.8360                | 9.00     |
| 163-2     | CARDIAC VALVE PROCEDURES WITHOUT AMI OR COMPLEX PRINCIPAL DIAGNOSIS            | 3.1110                | 9.00     |
| 163-3     | CARDIAC VALVE PROCEDURES WITHOUT AMI OR COMPLEX PRINCIPAL DIAGNOSIS            | 4.3655                | 9.00     |
| 163-4     | CARDIAC VALVE PROCEDURES WITHOUT AMI OR COMPLEX PRINCIPAL DIAGNOSIS            | 7.6701                | 9.00     |
| 165-1     | CORONARY BYPASS WITH AMI OR COMPLEX PRINCIPAL DIAGNOSIS                        | 3.7435                | 12.25    |
| 165-2     | CORONARY BYPASS WITH AMI OR COMPLEX PRINCIPAL DIAGNOSIS                        | 3.8994                | 12.25    |
| 165-3     | CORONARY BYPASS WITH AMI OR COMPLEX PRINCIPAL DIAGNOSIS                        | 4.1503                | 12.25    |
| 165-4     | CORONARY BYPASS WITH AMI OR COMPLEX PRINCIPAL DIAGNOSIS                        | 6.3534                | 12.25    |
| 166-1     | CORONARY BYPASS WITHOUT AMI OR COMPLEX PRINCIPAL DIAGNOSIS                     | 2.3291                | 8.29     |
| 166-2     | CORONARY BYPASS WITHOUT AMI OR COMPLEX PRINCIPAL DIAGNOSIS                     | 2.6332                | 8.29     |
| 166-3     | CORONARY BYPASS WITHOUT AMI OR COMPLEX PRINCIPAL DIAGNOSIS                     | 3.3096                | 8.29     |
| 166-4     | CORONARY BYPASS WITHOUT AMI OR COMPLEX PRINCIPAL DIAGNOSIS                     | 5.6548                | 8.29     |
| 167-1     | OTHER CARDIOTHORACIC AND THORACIC VASCULAR PROCEDURES                          | 2.4071                | 8.33     |
| 167-2     | OTHER CARDIOTHORACIC AND THORACIC VASCULAR PROCEDURES                          | 2.7157                | 8.33     |
| 167-3     | OTHER CARDIOTHORACIC AND THORACIC VASCULAR PROCEDURES                          | 4.1922                | 8.33     |
| 167-4     | OTHER CARDIOTHORACIC AND THORACIC VASCULAR PROCEDURES                          | 7.2026                | 8.33     |
| 169-1     | MAJOR ABDOMINAL VASCULAR PROCEDURES                                            | 2.3569                | 5.93     |
| 169-2     | MAJOR ABDOMINAL VASCULAR PROCEDURES                                            | 2.6137                | 5.93     |
| 169-3     | MAJOR ABDOMINAL VASCULAR PROCEDURES                                            | 3.7223                | 5.93     |
| 169-4     | MAJOR ABDOMINAL VASCULAR PROCEDURES                                            | 6.2945                | 5.93     |
| 170-1     | PERMANENT CARDIAC PACEMAKER IMPLANT WITH AMI, HEART FAILURE OR SHOCK           | 2.5130                | 9.79     |
| 170-2     | PERMANENT CARDIAC PACEMAKER IMPLANT WITH AMI, HEART FAILURE OR SHOCK           | 2.6671                | 9.79     |
| 170-3     | PERMANENT CARDIAC PACEMAKER IMPLANT WITH AMI, HEART FAILURE OR SHOCK           | 2.9810                | 9.79     |
| 170-4     | PERMANENT CARDIAC PACEMAKER IMPLANT WITH AMI, HEART FAILURE OR SHOCK           | 5.3369                | 9.79     |
| 171-1     | PERMANENT CARDIAC PACEMAKER IMPLANT WITHOUT AMI, HEART FAILURE OR SHOCK        | 1.2416                | 4.56     |
| 171-2     | PERMANENT CARDIAC PACEMAKER IMPLANT WITHOUT AMI, HEART FAILURE OR SHOCK        | 1.4070                | 4.56     |
| 171-3     | PERMANENT CARDIAC PACEMAKER IMPLANT WITHOUT AMI, HEART FAILURE OR SHOCK        | 1.8384                | 4.56     |
| 171-4     | PERMANENT CARDIAC PACEMAKER IMPLANT WITHOUT AMI, HEART FAILURE OR SHOCK        | 3.2133                | 4.56     |
| 174-1     | PERCUTANEOUS CARDIAC INTERVENTION WITH AMI                                     | 1.1918                | 3.60     |
| 174-2     | PERCUTANEOUS CARDIAC INTERVENTION WITH AMI                                     | 1.3732                | 3.60     |
| 174-3     | PERCUTANEOUS CARDIAC INTERVENTION WITH AMI                                     | 1.8021                | 3.60     |
| 174-4     | PERCUTANEOUS CARDIAC INTERVENTION WITH AMI                                     | 2.7573                | 3.60     |
| 175-1     | PERCUTANEOUS CARDIAC INTERVENTION WITHOUT AMI                                  | 1.4167                | 4.09     |
| 175-2     | PERCUTANEOUS CARDIAC INTERVENTION WITHOUT AMI                                  | 1.7068                | 4.09     |
| 175-3     | PERCUTANEOUS CARDIAC INTERVENTION WITHOUT AMI                                  | 2.2727                | 4.09     |
| 175-4     | PERCUTANEOUS CARDIAC INTERVENTION WITHOUT AMI                                  | 3.7035                | 4.09     |

Chart C  
Acute Hospital RY23 MassHealth DRG Weights and Mean All-Payer Lengths of Stay  
Commonwealth of Massachusetts  
Executive Office of Health and Human Services  
All Patient Refined - Diagnostic Related Group and Severity of Illness (APR-DRG)  
List of RY23 DRGs, MassHealth DRG Weights, and Mean All-Payer Length of Stay (Mean LOS)

| DRG & SOI | DRG Description                                                             | MassHealth<br>DRG Weight | Mean LOS |
|-----------|-----------------------------------------------------------------------------|--------------------------|----------|
| 176-1     | INSERTION, REVISION AND REPLACEMENTS OF PACEMAKER AND OTHER CARDIAC DEVICES | 1.8956                   | 7.36     |
| 176-2     | INSERTION, REVISION AND REPLACEMENTS OF PACEMAKER AND OTHER CARDIAC DEVICES | 1.9972                   | 7.36     |
| 176-3     | INSERTION, REVISION AND REPLACEMENTS OF PACEMAKER AND OTHER CARDIAC DEVICES | 2.9100                   | 7.36     |
| 176-4     | INSERTION, REVISION AND REPLACEMENTS OF PACEMAKER AND OTHER CARDIAC DEVICES | 5.7960                   | 7.36     |
| 177-1     | CARDIAC PACEMAKER AND DEFIBRILLATOR REVISION EXCEPT DEVICE REPLACEMENT      | 1.0008                   | 5.69     |
| 177-2     | CARDIAC PACEMAKER AND DEFIBRILLATOR REVISION EXCEPT DEVICE REPLACEMENT      | 2.2541                   | 5.69     |
| 177-3     | CARDIAC PACEMAKER AND DEFIBRILLATOR REVISION EXCEPT DEVICE REPLACEMENT      | 2.8186                   | 5.69     |
| 177-4     | CARDIAC PACEMAKER AND DEFIBRILLATOR REVISION EXCEPT DEVICE REPLACEMENT      | 4.3006                   | 5.69     |
| 178-1     | EXTERNAL HEART ASSIST SYSTEMS                                               | 4.5226                   | 10.52    |
| 178-2     | EXTERNAL HEART ASSIST SYSTEMS                                               | 5.3640                   | 10.52    |
| 178-3     | EXTERNAL HEART ASSIST SYSTEMS                                               | 6.3135                   | 10.52    |
| 178-4     | EXTERNAL HEART ASSIST SYSTEMS                                               | 8.3864                   | 10.52    |
| 179-1     | DEFIBRILLATOR IMPLANTS                                                      | 2.9270                   | 8.14     |
| 179-2     | DEFIBRILLATOR IMPLANTS                                                      | 3.3711                   | 8.14     |
| 179-3     | DEFIBRILLATOR IMPLANTS                                                      | 4.1151                   | 8.14     |
| 179-4     | DEFIBRILLATOR IMPLANTS                                                      | 6.2625                   | 8.14     |
| 180-1     | OTHER CIRCULATORY SYSTEM PROCEDURES                                         | 1.0066                   | 9.61     |
| 180-2     | OTHER CIRCULATORY SYSTEM PROCEDURES                                         | 1.2290                   | 9.61     |
| 180-3     | OTHER CIRCULATORY SYSTEM PROCEDURES                                         | 1.9329                   | 9.61     |
| 180-4     | OTHER CIRCULATORY SYSTEM PROCEDURES                                         | 4.6550                   | 9.61     |
| 181-1     | LOWER EXTREMITY ARTERIAL PROCEDURES                                         | 1.1767                   | 6.55     |
| 181-2     | LOWER EXTREMITY ARTERIAL PROCEDURES                                         | 1.7913                   | 6.55     |
| 181-3     | LOWER EXTREMITY ARTERIAL PROCEDURES                                         | 2.6532                   | 6.55     |
| 181-4     | LOWER EXTREMITY ARTERIAL PROCEDURES                                         | 5.0301                   | 6.55     |
| 182-1     | OTHER PERIPHERAL VASCULAR PROCEDURES                                        | 1.4934                   | 6.19     |
| 182-2     | OTHER PERIPHERAL VASCULAR PROCEDURES                                        | 1.7277                   | 6.19     |
| 182-3     | OTHER PERIPHERAL VASCULAR PROCEDURES                                        | 2.2832                   | 6.19     |
| 182-4     | OTHER PERIPHERAL VASCULAR PROCEDURES                                        | 4.6046                   | 6.19     |
| 183-1     | PERCUTANEOUS STRUCTURAL CARDIAC PROCEDURES                                  | 4.1321                   | 4.64     |
| 183-2     | PERCUTANEOUS STRUCTURAL CARDIAC PROCEDURES                                  | 4.5479                   | 4.64     |
| 183-3     | PERCUTANEOUS STRUCTURAL CARDIAC PROCEDURES                                  | 5.1099                   | 4.64     |
| 183-4     | PERCUTANEOUS STRUCTURAL CARDIAC PROCEDURES                                  | 6.7265                   | 4.64     |
| 190-1     | ACUTE MYOCARDIAL INFARCTION                                                 | 0.4324                   | 3.76     |
| 190-2     | ACUTE MYOCARDIAL INFARCTION                                                 | 0.5631                   | 3.76     |
| 190-3     | ACUTE MYOCARDIAL INFARCTION                                                 | 0.8458                   | 3.76     |
| 190-4     | ACUTE MYOCARDIAL INFARCTION                                                 | 1.3922                   | 3.76     |
| 191-1     | CARDIAC CATHETERIZATION FOR CORONARY ARTERY DISEASE                         | 0.5658                   | 2.77     |
| 191-2     | CARDIAC CATHETERIZATION FOR CORONARY ARTERY DISEASE                         | 0.7274                   | 2.77     |
| 191-3     | CARDIAC CATHETERIZATION FOR CORONARY ARTERY DISEASE                         | 1.0693                   | 2.77     |
| 191-4     | CARDIAC CATHETERIZATION FOR CORONARY ARTERY DISEASE                         | 2.0947                   | 2.77     |
| 192-1     | CARDIAC CATHETERIZATION FOR OTHER NON-CORONARY CONDITIONS                   | 0.6358                   | 6.82     |
| 192-2     | CARDIAC CATHETERIZATION FOR OTHER NON-CORONARY CONDITIONS                   | 1.0428                   | 6.82     |
| 192-3     | CARDIAC CATHETERIZATION FOR OTHER NON-CORONARY CONDITIONS                   | 1.7437                   | 6.82     |
| 192-4     | CARDIAC CATHETERIZATION FOR OTHER NON-CORONARY CONDITIONS                   | 2.7299                   | 6.82     |
| 193-1     | ACUTE AND SUBACUTE ENDOCARDITIS                                             | 0.6300                   | 8.24     |
| 193-2     | ACUTE AND SUBACUTE ENDOCARDITIS                                             | 0.7933                   | 8.24     |
| 193-3     | ACUTE AND SUBACUTE ENDOCARDITIS                                             | 1.1785                   | 8.24     |
| 193-4     | ACUTE AND SUBACUTE ENDOCARDITIS                                             | 1.9585                   | 8.24     |
| 194-1     | HEART FAILURE                                                               | 0.4311                   | 5.41     |
| 194-2     | HEART FAILURE                                                               | 0.6145                   | 5.41     |
| 194-3     | HEART FAILURE                                                               | 0.8511                   | 5.41     |
| 194-4     | HEART FAILURE                                                               | 1.4620                   | 5.41     |
| 196-1     | CARDIAC ARREST AND SHOCK                                                    | 0.4328                   | 4.39     |
| 196-2     | CARDIAC ARREST AND SHOCK                                                    | 0.4890                   | 4.39     |
| 196-3     | CARDIAC ARREST AND SHOCK                                                    | 0.9503                   | 4.39     |
| 196-4     | CARDIAC ARREST AND SHOCK                                                    | 1.4194                   | 4.39     |
| 197-1     | PERIPHERAL AND OTHER VASCULAR DISORDERS                                     | 0.4424                   | 4.11     |
| 197-2     | PERIPHERAL AND OTHER VASCULAR DISORDERS                                     | 0.5606                   | 4.11     |
| 197-3     | PERIPHERAL AND OTHER VASCULAR DISORDERS                                     | 0.7759                   | 4.11     |
| 197-4     | PERIPHERAL AND OTHER VASCULAR DISORDERS                                     | 1.9899                   | 4.11     |
| 198-1     | ANGINA PECTORIS AND CORONARY ATHEROSCLEROSIS                                | 0.3375                   | 2.47     |
| 198-2     | ANGINA PECTORIS AND CORONARY ATHEROSCLEROSIS                                | 0.4143                   | 2.47     |
| 198-3     | ANGINA PECTORIS AND CORONARY ATHEROSCLEROSIS                                | 0.5745                   | 2.47     |
| 198-4     | ANGINA PECTORIS AND CORONARY ATHEROSCLEROSIS                                | 1.1373                   | 2.47     |
| 199-1     | HYPERTENSION                                                                | 0.3519                   | 3.32     |
| 199-2     | HYPERTENSION                                                                | 0.4609                   | 3.32     |
| 199-3     | HYPERTENSION                                                                | 0.8131                   | 3.32     |
| 199-4     | HYPERTENSION                                                                | 1.1710                   | 3.32     |
| 200-1     | CARDIAC STRUCTURAL AND VALVULAR DISORDERS                                   | 0.4406                   | 4.21     |
| 200-2     | CARDIAC STRUCTURAL AND VALVULAR DISORDERS                                   | 0.5225                   | 4.21     |
| 200-3     | CARDIAC STRUCTURAL AND VALVULAR DISORDERS                                   | 0.7555                   | 4.21     |
| 200-4     | CARDIAC STRUCTURAL AND VALVULAR DISORDERS                                   | 1.2536                   | 4.21     |
| 201-1     | CARDIAC ARRHYTHMIA AND CONDUCTION DISORDERS                                 | 0.3318                   | 3.19     |
| 201-2     | CARDIAC ARRHYTHMIA AND CONDUCTION DISORDERS                                 | 0.4549                   | 3.19     |
| 201-3     | CARDIAC ARRHYTHMIA AND CONDUCTION DISORDERS                                 | 0.7519                   | 3.19     |
| 201-4     | CARDIAC ARRHYTHMIA AND CONDUCTION DISORDERS                                 | 1.3460                   | 3.19     |
| 203-1     | CHEST PAIN                                                                  | 0.3210                   | 2.39     |
| 203-2     | CHEST PAIN                                                                  | 0.3966                   | 2.39     |
| 203-3     | CHEST PAIN                                                                  | 0.6620                   | 2.39     |
| 203-4     | CHEST PAIN                                                                  | 1.3316                   | 2.39     |

Chart C  
Acute Hospital RY23 MassHealth DRG Weights and Mean All-Payer Lengths of Stay  
Commonwealth of Massachusetts  
Executive Office of Health and Human Services  
All Patient Refined - Diagnostic Related Group and Severity of Illness (APR-DRG)  
List of RY23 DRGs, MassHealth DRG Weights, and Mean All-Payer Length of Stay (Mean LOS)

| DRG & SOI | DRG Description                                                                | MassHealth<br>DRG Weight | Mean LOS |
|-----------|--------------------------------------------------------------------------------|--------------------------|----------|
| 204-1     | SYNCOPE AND COLLAPSE                                                           | 0.3707                   | 3.04     |
| 204-2     | SYNCOPE AND COLLAPSE                                                           | 0.4403                   | 3.04     |
| 204-3     | SYNCOPE AND COLLAPSE                                                           | 0.6601                   | 3.04     |
| 204-4     | SYNCOPE AND COLLAPSE                                                           | 1.3521                   | 3.04     |
| 205-1     | CARDIOMYOPATHY                                                                 | 0.3748                   | 4.45     |
| 205-2     | CARDIOMYOPATHY                                                                 | 0.6841                   | 4.45     |
| 205-3     | CARDIOMYOPATHY                                                                 | 1.1762                   | 4.45     |
| 205-4     | CARDIOMYOPATHY                                                                 | 2.1902                   | 4.45     |
| 206-1     | MAJFUNCTION, REACTION, COMPLICATION OF CARDIAC OR VASCULAR DEVICE OR PROCEDURE | 0.5528                   | 5.63     |
| 206-2     | MAJFUNCTION, REACTION, COMPLICATION OF CARDIAC OR VASCULAR DEVICE OR PROCEDURE | 0.6735                   | 5.63     |
| 206-3     | MAJFUNCTION, REACTION, COMPLICATION OF CARDIAC OR VASCULAR DEVICE OR PROCEDURE | 1.0420                   | 5.63     |
| 206-4     | MAJFUNCTION, REACTION, COMPLICATION OF CARDIAC OR VASCULAR DEVICE OR PROCEDURE | 2.1676                   | 5.63     |
| 207-1     | OTHER CIRCULATORY SYSTEM DIAGNOSES                                             | 0.3980                   | 3.99     |
| 207-2     | OTHER CIRCULATORY SYSTEM DIAGNOSES                                             | 0.6086                   | 3.99     |
| 207-3     | OTHER CIRCULATORY SYSTEM DIAGNOSES                                             | 1.0501                   | 3.99     |
| 207-4     | OTHER CIRCULATORY SYSTEM DIAGNOSES                                             | 1.6469                   | 3.99     |
| 220-1     | MAJOR STOMACH, ESOPHAGEAL AND DUODENAL PROCEDURES                              | 1.0472                   | 7.89     |
| 220-2     | MAJOR STOMACH, ESOPHAGEAL AND DUODENAL PROCEDURES                              | 1.9721                   | 7.89     |
| 220-3     | MAJOR STOMACH, ESOPHAGEAL AND DUODENAL PROCEDURES                              | 3.6152                   | 7.89     |
| 220-4     | MAJOR STOMACH, ESOPHAGEAL AND DUODENAL PROCEDURES                              | 8.4941                   | 7.89     |
| 222-1     | OTHER STOMACH, ESOPHAGEAL AND DUODENAL PROCEDURES                              | 0.7933                   | 6.61     |
| 222-2     | OTHER STOMACH, ESOPHAGEAL AND DUODENAL PROCEDURES                              | 1.1816                   | 6.61     |
| 222-3     | OTHER STOMACH, ESOPHAGEAL AND DUODENAL PROCEDURES                              | 2.0349                   | 6.61     |
| 222-4     | OTHER STOMACH, ESOPHAGEAL AND DUODENAL PROCEDURES                              | 4.4703                   | 6.61     |
| 223-1     | OTHER SMALL AND LARGE BOWEL PROCEDURES                                         | 0.8723                   | 5.96     |
| 223-2     | OTHER SMALL AND LARGE BOWEL PROCEDURES                                         | 1.2801                   | 5.96     |
| 223-3     | OTHER SMALL AND LARGE BOWEL PROCEDURES                                         | 1.7029                   | 5.96     |
| 223-4     | OTHER SMALL AND LARGE BOWEL PROCEDURES                                         | 3.5679                   | 5.96     |
| 224-1     | PERITONEAL ADHESIOYSIS                                                         | 0.9544                   | 7.47     |
| 224-2     | PERITONEAL ADHESIOYSIS                                                         | 1.2665                   | 7.47     |
| 224-3     | PERITONEAL ADHESIOYSIS                                                         | 1.9955                   | 7.47     |
| 224-4     | PERITONEAL ADHESIOYSIS                                                         | 4.6058                   | 7.47     |
| 226-1     | ANAL PROCEDURES                                                                | 0.6669                   | 3.89     |
| 226-2     | ANAL PROCEDURES                                                                | 1.1590                   | 3.89     |
| 226-3     | ANAL PROCEDURES                                                                | 1.8565                   | 3.89     |
| 226-4     | ANAL PROCEDURES                                                                | 3.8880                   | 3.89     |
| 227-1     | HERNIA PROCEDURES EXCEPT INGUINAL, FEMORAL AND UMBILICAL                       | 0.8880                   | 4.53     |
| 227-2     | HERNIA PROCEDURES EXCEPT INGUINAL, FEMORAL AND UMBILICAL                       | 1.1470                   | 4.53     |
| 227-3     | HERNIA PROCEDURES EXCEPT INGUINAL, FEMORAL AND UMBILICAL                       | 2.1786                   | 4.53     |
| 227-4     | HERNIA PROCEDURES EXCEPT INGUINAL, FEMORAL AND UMBILICAL                       | 3.8791                   | 4.53     |
| 228-1     | INGUINAL, FEMORAL AND UMBILICAL HERNIA PROCEDURES                              | 0.6012                   | 3.65     |
| 228-2     | INGUINAL, FEMORAL AND UMBILICAL HERNIA PROCEDURES                              | 0.8314                   | 3.65     |
| 228-3     | INGUINAL, FEMORAL AND UMBILICAL HERNIA PROCEDURES                              | 1.3942                   | 3.65     |
| 228-4     | INGUINAL, FEMORAL AND UMBILICAL HERNIA PROCEDURES                              | 3.0373                   | 3.65     |
| 229-1     | OTHER DIGESTIVE SYSTEM AND ABDOMINAL PROCEDURES                                | 0.8425                   | 7.60     |
| 229-2     | OTHER DIGESTIVE SYSTEM AND ABDOMINAL PROCEDURES                                | 1.3109                   | 7.60     |
| 229-3     | OTHER DIGESTIVE SYSTEM AND ABDOMINAL PROCEDURES                                | 2.4491                   | 7.60     |
| 229-4     | OTHER DIGESTIVE SYSTEM AND ABDOMINAL PROCEDURES                                | 5.5203                   | 7.60     |
| 230-1     | MAJOR SMALL BOWEL PROCEDURES                                                   | 1.0999                   | 9.65     |
| 230-2     | MAJOR SMALL BOWEL PROCEDURES                                                   | 1.6718                   | 9.65     |
| 230-3     | MAJOR SMALL BOWEL PROCEDURES                                                   | 2.6780                   | 9.65     |
| 230-4     | MAJOR SMALL BOWEL PROCEDURES                                                   | 5.0197                   | 9.65     |
| 231-1     | MAJOR LARGE BOWEL PROCEDURES                                                   | 1.0716                   | 6.08     |
| 231-2     | MAJOR LARGE BOWEL PROCEDURES                                                   | 1.4252                   | 6.08     |
| 231-3     | MAJOR LARGE BOWEL PROCEDURES                                                   | 2.2827                   | 6.08     |
| 231-4     | MAJOR LARGE BOWEL PROCEDURES                                                   | 3.8773                   | 6.08     |
| 232-1     | GASTRIC FUNDOPLICATION                                                         | 0.8257                   | 2.63     |
| 232-2     | GASTRIC FUNDOPLICATION                                                         | 1.1695                   | 2.63     |
| 232-3     | GASTRIC FUNDOPLICATION                                                         | 2.3660                   | 2.63     |
| 232-4     | GASTRIC FUNDOPLICATION                                                         | 5.8677                   | 2.63     |
| 233-1     | APPENDECTOMY WITH COMPLEX PRINCIPAL DIAGNOSIS                                  | 0.7823                   | 3.87     |
| 233-2     | APPENDECTOMY WITH COMPLEX PRINCIPAL DIAGNOSIS                                  | 1.0121                   | 3.87     |
| 233-3     | APPENDECTOMY WITH COMPLEX PRINCIPAL DIAGNOSIS                                  | 1.4327                   | 3.87     |
| 233-4     | APPENDECTOMY WITH COMPLEX PRINCIPAL DIAGNOSIS                                  | 3.7087                   | 3.87     |
| 234-1     | APPENDECTOMY WITHOUT COMPLEX PRINCIPAL DIAGNOSIS                               | 0.6083                   | 1.99     |
| 234-2     | APPENDECTOMY WITHOUT COMPLEX PRINCIPAL DIAGNOSIS                               | 0.8269                   | 1.99     |
| 234-3     | APPENDECTOMY WITHOUT COMPLEX PRINCIPAL DIAGNOSIS                               | 1.3955                   | 1.99     |
| 234-4     | APPENDECTOMY WITHOUT COMPLEX PRINCIPAL DIAGNOSIS                               | 3.2000                   | 1.99     |
| 240-1     | DIGESTIVE MALIGNANCY                                                           | 0.6394                   | 6.25     |
| 240-2     | DIGESTIVE MALIGNANCY                                                           | 0.7371                   | 6.25     |
| 240-3     | DIGESTIVE MALIGNANCY                                                           | 1.1847                   | 6.25     |
| 240-4     | DIGESTIVE MALIGNANCY                                                           | 2.1991                   | 6.25     |
| 241-1     | PEPTIC ULCER AND GASTRITIS                                                     | 0.4454                   | 3.91     |
| 241-2     | PEPTIC ULCER AND GASTRITIS                                                     | 0.6018                   | 3.91     |
| 241-3     | PEPTIC ULCER AND GASTRITIS                                                     | 0.9928                   | 3.91     |
| 241-4     | PEPTIC ULCER AND GASTRITIS                                                     | 2.0327                   | 3.91     |
| 242-1     | MAJOR ESOPHAGEAL DISORDERS                                                     | 0.4124                   | 4.44     |
| 242-2     | MAJOR ESOPHAGEAL DISORDERS                                                     | 0.6258                   | 4.44     |
| 242-3     | MAJOR ESOPHAGEAL DISORDERS                                                     | 0.9191                   | 4.44     |
| 242-4     | MAJOR ESOPHAGEAL DISORDERS                                                     | 2.3222                   | 4.44     |

Chart C  
Acute Hospital RY23 MassHealth DRG Weights and Mean All-Payer Lengths of Stay  
Commonwealth of Massachusetts  
Executive Office of Health and Human Services  
All Patient Refined - Diagnostic Related Group and Severity of Illness (APR-DRG)  
List of RY23 DRGs, MassHealth DRG Weights, and Mean All-Payer Length of Stay (Mean LOS)

| DRG & SOI | DRG Description                                                                | MassHealth<br>DRG Weight | Mean LOS |
|-----------|--------------------------------------------------------------------------------|--------------------------|----------|
| 243-1     | OTHER ESOPHAGEAL DISORDERS                                                     | 0.4542                   | 4.04     |
| 243-2     | OTHER ESOPHAGEAL DISORDERS                                                     | 0.6290                   | 4.04     |
| 243-3     | OTHER ESOPHAGEAL DISORDERS                                                     | 0.9212                   | 4.04     |
| 243-4     | OTHER ESOPHAGEAL DISORDERS                                                     | 2.2192                   | 4.04     |
| 244-1     | DIVERTICULITIS AND DIVERTICULOSIS                                              | 0.3819                   | 3.54     |
| 244-2     | DIVERTICULITIS AND DIVERTICULOSIS                                              | 0.5303                   | 3.54     |
| 244-3     | DIVERTICULITIS AND DIVERTICULOSIS                                              | 0.8992                   | 3.54     |
| 244-4     | DIVERTICULITIS AND DIVERTICULOSIS                                              | 1.5768                   | 3.54     |
| 245-1     | INFLAMMATORY BOWEL DISEASE                                                     | 0.5119                   | 4.46     |
| 245-2     | INFLAMMATORY BOWEL DISEASE                                                     | 0.7054                   | 4.46     |
| 245-3     | INFLAMMATORY BOWEL DISEASE                                                     | 1.0318                   | 4.46     |
| 245-4     | INFLAMMATORY BOWEL DISEASE                                                     | 2.0816                   | 4.46     |
| 246-1     | GASTROINTESTINAL VASCULAR INSUFFICIENCY                                        | 0.4102                   | 3.86     |
| 246-2     | GASTROINTESTINAL VASCULAR INSUFFICIENCY                                        | 0.5378                   | 3.86     |
| 246-3     | GASTROINTESTINAL VASCULAR INSUFFICIENCY                                        | 0.9093                   | 3.86     |
| 246-4     | GASTROINTESTINAL VASCULAR INSUFFICIENCY                                        | 1.2667                   | 3.86     |
| 247-1     | INTESTINAL OBSTRUCTION                                                         | 0.3713                   | 3.85     |
| 247-2     | INTESTINAL OBSTRUCTION                                                         | 0.5112                   | 3.85     |
| 247-3     | INTESTINAL OBSTRUCTION                                                         | 0.9334                   | 3.85     |
| 247-4     | INTESTINAL OBSTRUCTION                                                         | 1.8270                   | 3.85     |
| 248-1     | MAJOR GASTROINTESTINAL AND PERITONEAL INFECTIONS                               | 0.4222                   | 4.97     |
| 248-2     | MAJOR GASTROINTESTINAL AND PERITONEAL INFECTIONS                               | 0.6063                   | 4.97     |
| 248-3     | MAJOR GASTROINTESTINAL AND PERITONEAL INFECTIONS                               | 0.9559                   | 4.97     |
| 248-4     | MAJOR GASTROINTESTINAL AND PERITONEAL INFECTIONS                               | 1.8454                   | 4.97     |
| 249-1     | OTHER GASTROENTERITIS, NAUSEA AND VOMITING                                     | 0.3471                   | 3.34     |
| 249-2     | OTHER GASTROENTERITIS, NAUSEA AND VOMITING                                     | 0.4457                   | 3.34     |
| 249-3     | OTHER GASTROENTERITIS, NAUSEA AND VOMITING                                     | 0.7578                   | 3.34     |
| 249-4     | OTHER GASTROENTERITIS, NAUSEA AND VOMITING                                     | 1.8201                   | 3.34     |
| 251-1     | ABDOMINAL PAIN                                                                 | 0.3998                   | 3.37     |
| 251-2     | ABDOMINAL PAIN                                                                 | 0.4720                   | 3.37     |
| 251-3     | ABDOMINAL PAIN                                                                 | 0.7377                   | 3.37     |
| 251-4     | ABDOMINAL PAIN                                                                 | 1.9551                   | 3.37     |
| 252-1     | MALFUNCTION, REACTION AND COMPLICATION OF GASTROINTESTINAL DEVICE OR PROCEDURE | 0.5500                   | 4.91     |
| 252-2     | MALFUNCTION, REACTION AND COMPLICATION OF GASTROINTESTINAL DEVICE OR PROCEDURE | 0.6973                   | 4.91     |
| 252-3     | MALFUNCTION, REACTION AND COMPLICATION OF GASTROINTESTINAL DEVICE OR PROCEDURE | 1.0866                   | 4.91     |
| 252-4     | MALFUNCTION, REACTION AND COMPLICATION OF GASTROINTESTINAL DEVICE OR PROCEDURE | 2.0787                   | 4.91     |
| 253-1     | OTHER AND UNSPECIFIED GASTROINTESTINAL HEMORRHAGE                              | 0.4774                   | 3.98     |
| 253-2     | OTHER AND UNSPECIFIED GASTROINTESTINAL HEMORRHAGE                              | 0.6317                   | 3.98     |
| 253-3     | OTHER AND UNSPECIFIED GASTROINTESTINAL HEMORRHAGE                              | 0.9476                   | 3.98     |
| 253-4     | OTHER AND UNSPECIFIED GASTROINTESTINAL HEMORRHAGE                              | 1.6348                   | 3.98     |
| 254-1     | OTHER DIGESTIVE SYSTEM DIAGNOSES                                               | 0.4653                   | 4.22     |
| 254-2     | OTHER DIGESTIVE SYSTEM DIAGNOSES                                               | 0.6317                   | 4.22     |
| 254-3     | OTHER DIGESTIVE SYSTEM DIAGNOSES                                               | 1.0687                   | 4.22     |
| 254-4     | OTHER DIGESTIVE SYSTEM DIAGNOSES                                               | 2.4085                   | 4.22     |
| 260-1     | MAJOR PANCREAS, LIVER AND SHUNT PROCEDURES                                     | 1.5354                   | 8.19     |
| 260-2     | MAJOR PANCREAS, LIVER AND SHUNT PROCEDURES                                     | 1.9947                   | 8.19     |
| 260-3     | MAJOR PANCREAS, LIVER AND SHUNT PROCEDURES                                     | 2.9014                   | 8.19     |
| 260-4     | MAJOR PANCREAS, LIVER AND SHUNT PROCEDURES                                     | 6.1701                   | 8.19     |
| 261-1     | MAJOR BILIARY TRACT PROCEDURES                                                 | 1.2816                   | 7.07     |
| 261-2     | MAJOR BILIARY TRACT PROCEDURES                                                 | 1.6275                   | 7.07     |
| 261-3     | MAJOR BILIARY TRACT PROCEDURES                                                 | 2.4242                   | 7.07     |
| 261-4     | MAJOR BILIARY TRACT PROCEDURES                                                 | 5.8335                   | 7.07     |
| 263-1     | CHOLECYSTECTOMY                                                                | 0.7418                   | 3.74     |
| 263-2     | CHOLECYSTECTOMY                                                                | 1.0002                   | 3.74     |
| 263-3     | CHOLECYSTECTOMY                                                                | 1.3999                   | 3.74     |
| 263-4     | CHOLECYSTECTOMY                                                                | 2.6967                   | 3.74     |
| 264-1     | OTHER HEPATOBILIARY, PANCREAS AND ABDOMINAL PROCEDURES                         | 1.1497                   | 8.90     |
| 264-2     | OTHER HEPATOBILIARY, PANCREAS AND ABDOMINAL PROCEDURES                         | 1.3219                   | 8.90     |
| 264-3     | OTHER HEPATOBILIARY, PANCREAS AND ABDOMINAL PROCEDURES                         | 2.1982                   | 8.90     |
| 264-4     | OTHER HEPATOBILIARY, PANCREAS AND ABDOMINAL PROCEDURES                         | 5.5413                   | 8.90     |
| 279-1     | HEPATIC COMA AND OTHER MAJOR ACUTE LIVER DISORDERS                             | 0.3985                   | 5.87     |
| 279-2     | HEPATIC COMA AND OTHER MAJOR ACUTE LIVER DISORDERS                             | 0.5601                   | 5.87     |
| 279-3     | HEPATIC COMA AND OTHER MAJOR ACUTE LIVER DISORDERS                             | 1.0033                   | 5.87     |
| 279-4     | HEPATIC COMA AND OTHER MAJOR ACUTE LIVER DISORDERS                             | 2.6242                   | 5.87     |
| 280-1     | ALCOHOLIC LIVER DISEASE                                                        | 0.4131                   | 6.19     |
| 280-2     | ALCOHOLIC LIVER DISEASE                                                        | 0.5761                   | 6.19     |
| 280-3     | ALCOHOLIC LIVER DISEASE                                                        | 0.9685                   | 6.19     |
| 280-4     | ALCOHOLIC LIVER DISEASE                                                        | 2.3364                   | 6.19     |
| 281-1     | MALIGNANCY OF HEPATOBILIARY SYSTEM AND PANCREAS                                | 0.6181                   | 5.57     |
| 281-2     | MALIGNANCY OF HEPATOBILIARY SYSTEM AND PANCREAS                                | 0.7655                   | 5.57     |
| 281-3     | MALIGNANCY OF HEPATOBILIARY SYSTEM AND PANCREAS                                | 1.0896                   | 5.57     |
| 281-4     | MALIGNANCY OF HEPATOBILIARY SYSTEM AND PANCREAS                                | 1.7981                   | 5.57     |
| 282-1     | DISORDERS OF PANCREAS EXCEPT MALIGNANCY                                        | 0.3996                   | 4.10     |
| 282-2     | DISORDERS OF PANCREAS EXCEPT MALIGNANCY                                        | 0.5660                   | 4.10     |
| 282-3     | DISORDERS OF PANCREAS EXCEPT MALIGNANCY                                        | 1.0204                   | 4.10     |
| 282-4     | DISORDERS OF PANCREAS EXCEPT MALIGNANCY                                        | 2.3235                   | 4.10     |
| 283-1     | OTHER DISORDERS OF THE LIVER                                                   | 0.4225                   | 4.93     |
| 283-2     | OTHER DISORDERS OF THE LIVER                                                   | 0.5796                   | 4.93     |
| 283-3     | OTHER DISORDERS OF THE LIVER                                                   | 0.9920                   | 4.93     |
| 283-4     | OTHER DISORDERS OF THE LIVER                                                   | 3.0700                   | 4.93     |

Chart C  
Acute Hospital RY23 MassHealth DRG Weights and Mean All-Payer Lengths of Stay  
Commonwealth of Massachusetts  
Executive Office of Health and Human Services  
All Patient Refined - Diagnostic Related Group and Severity of Illness (APR-DRG)  
List of RY23 DRGs, MassHealth DRG Weights, and Mean All-Payer Length of Stay (Mean LOS)

| DRG & SOI | DRG Description                                                                                | MassHealth<br>DRG Weight | Mean LOS |
|-----------|------------------------------------------------------------------------------------------------|--------------------------|----------|
| 284-1     | DISORDERS OF GALLBLADDER AND BILIARY TRACT                                                     | 0.5399                   | 4.08     |
| 284-2     | DISORDERS OF GALLBLADDER AND BILIARY TRACT                                                     | 0.7675                   | 4.08     |
| 284-3     | DISORDERS OF GALLBLADDER AND BILIARY TRACT                                                     | 1.0982                   | 4.08     |
| 284-4     | DISORDERS OF GALLBLADDER AND BILIARY TRACT                                                     | 1.9872                   | 4.08     |
| 303-1     | DORSAL AND LUMBAR FUSION PROCEDURE FOR CURVATURE OF BACK                                       | 3.5574                   | 6.07     |
| 303-2     | DORSAL AND LUMBAR FUSION PROCEDURE FOR CURVATURE OF BACK                                       | 6.0308                   | 6.07     |
| 303-3     | DORSAL AND LUMBAR FUSION PROCEDURE FOR CURVATURE OF BACK                                       | 8.5027                   | 6.07     |
| 303-4     | DORSAL AND LUMBAR FUSION PROCEDURE FOR CURVATURE OF BACK                                       | 10.1598                  | 6.07     |
| 304-1     | DORSAL AND LUMBAR FUSION PROCEDURE EXCEPT FOR CURVATURE OF BACK                                | 2.6676                   | 4.11     |
| 304-2     | DORSAL AND LUMBAR FUSION PROCEDURE EXCEPT FOR CURVATURE OF BACK                                | 3.1552                   | 4.11     |
| 304-3     | DORSAL AND LUMBAR FUSION PROCEDURE EXCEPT FOR CURVATURE OF BACK                                | 4.4612                   | 4.11     |
| 304-4     | DORSAL AND LUMBAR FUSION PROCEDURE EXCEPT FOR CURVATURE OF BACK                                | 6.3934                   | 4.11     |
| 305-1     | AMPUTATION OF LOWER LIMB EXCEPT TOES                                                           | 1.0121                   | 9.73     |
| 305-2     | AMPUTATION OF LOWER LIMB EXCEPT TOES                                                           | 1.1720                   | 9.73     |
| 305-3     | AMPUTATION OF LOWER LIMB EXCEPT TOES                                                           | 1.9039                   | 9.73     |
| 305-4     | AMPUTATION OF LOWER LIMB EXCEPT TOES                                                           | 3.9197                   | 9.73     |
| 308-1     | HIP AND FEMUR FRACTURE REPAIR                                                                  | 1.0441                   | 5.18     |
| 308-2     | HIP AND FEMUR FRACTURE REPAIR                                                                  | 1.2464                   | 5.18     |
| 308-3     | HIP AND FEMUR FRACTURE REPAIR                                                                  | 1.6493                   | 5.18     |
| 308-4     | HIP AND FEMUR FRACTURE REPAIR                                                                  | 2.5403                   | 5.18     |
| 309-1     | OTHER SIGNIFICANT HIP AND FEMUR SURGERY                                                        | 1.2640                   | 6.06     |
| 309-2     | OTHER SIGNIFICANT HIP AND FEMUR SURGERY                                                        | 1.5922                   | 6.06     |
| 309-3     | OTHER SIGNIFICANT HIP AND FEMUR SURGERY                                                        | 2.4505                   | 6.06     |
| 309-4     | OTHER SIGNIFICANT HIP AND FEMUR SURGERY                                                        | 4.8073                   | 6.06     |
| 310-1     | INTERVERTEBRAL DISC EXCISION AND DECOMPRESSION                                                 | 0.8482                   | 3.32     |
| 310-2     | INTERVERTEBRAL DISC EXCISION AND DECOMPRESSION                                                 | 1.3258                   | 3.32     |
| 310-3     | INTERVERTEBRAL DISC EXCISION AND DECOMPRESSION                                                 | 1.8580                   | 3.32     |
| 310-4     | INTERVERTEBRAL DISC EXCISION AND DECOMPRESSION                                                 | 5.5026                   | 3.32     |
| 312-1     | SKIN GRAFT, EXCEPT HAND, FOR MUSCULOSKELETAL AND CONNECTIVE TISSUE DIAGNOSES                   | 1.4181                   | 8.12     |
| 312-2     | SKIN GRAFT, EXCEPT HAND, FOR MUSCULOSKELETAL AND CONNECTIVE TISSUE DIAGNOSES                   | 2.2596                   | 8.12     |
| 312-3     | SKIN GRAFT, EXCEPT HAND, FOR MUSCULOSKELETAL AND CONNECTIVE TISSUE DIAGNOSES                   | 3.2794                   | 8.12     |
| 312-4     | SKIN GRAFT, EXCEPT HAND, FOR MUSCULOSKELETAL AND CONNECTIVE TISSUE DIAGNOSES                   | 7.6836                   | 8.12     |
| 313-1     | KNEE AND LOWER LEG PROCEDURES EXCEPT FOOT                                                      | 0.9838                   | 4.49     |
| 313-2     | KNEE AND LOWER LEG PROCEDURES EXCEPT FOOT                                                      | 1.4099                   | 4.49     |
| 313-3     | KNEE AND LOWER LEG PROCEDURES EXCEPT FOOT                                                      | 1.9652                   | 4.49     |
| 313-4     | KNEE AND LOWER LEG PROCEDURES EXCEPT FOOT                                                      | 3.4178                   | 4.49     |
| 314-1     | FOOT AND TOE PROCEDURES                                                                        | 0.9334                   | 6.64     |
| 314-2     | FOOT AND TOE PROCEDURES                                                                        | 0.9898                   | 6.64     |
| 314-3     | FOOT AND TOE PROCEDURES                                                                        | 1.3328                   | 6.64     |
| 314-4     | FOOT AND TOE PROCEDURES                                                                        | 2.4219                   | 6.64     |
| 315-1     | SHOULDER, UPPER ARM AND FOREARM PROCEDURES EXCEPT JOINT REPLACEMENT                            | 0.8652                   | 4.16     |
| 315-2     | SHOULDER, UPPER ARM AND FOREARM PROCEDURES EXCEPT JOINT REPLACEMENT                            | 1.2466                   | 4.16     |
| 315-3     | SHOULDER, UPPER ARM AND FOREARM PROCEDURES EXCEPT JOINT REPLACEMENT                            | 1.9565                   | 4.16     |
| 315-4     | SHOULDER, UPPER ARM AND FOREARM PROCEDURES EXCEPT JOINT REPLACEMENT                            | 2.9268                   | 4.16     |
| 316-1     | HAND AND WRIST PROCEDURES                                                                      | 0.8612                   | 4.39     |
| 316-2     | HAND AND WRIST PROCEDURES                                                                      | 1.1412                   | 4.39     |
| 316-3     | HAND AND WRIST PROCEDURES                                                                      | 1.5682                   | 4.39     |
| 316-4     | HAND AND WRIST PROCEDURES                                                                      | 3.4434                   | 4.39     |
| 317-1     | TENDON, MUSCLE AND OTHER SOFT TISSUE PROCEDURES                                                | 0.8351                   | 6.05     |
| 317-2     | TENDON, MUSCLE AND OTHER SOFT TISSUE PROCEDURES                                                | 1.1550                   | 6.05     |
| 317-3     | TENDON, MUSCLE AND OTHER SOFT TISSUE PROCEDURES                                                | 2.0220                   | 6.05     |
| 317-4     | TENDON, MUSCLE AND OTHER SOFT TISSUE PROCEDURES                                                | 4.0488                   | 6.05     |
| 320-1     | OTHER MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE PROCEDURES                                  | 0.8816                   | 3.67     |
| 320-2     | OTHER MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE PROCEDURES                                  | 1.1104                   | 3.67     |
| 320-3     | OTHER MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE PROCEDURES                                  | 1.8258                   | 3.67     |
| 320-4     | OTHER MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE PROCEDURES                                  | 3.4475                   | 3.67     |
| 321-1     | CERVICAL SPINAL FUSION AND OTHER BACK OR NECK PROCEDURES EXCEPT DISC EXCISION OR DECOMPRESSION | 1.4631                   | 3.88     |
| 321-2     | CERVICAL SPINAL FUSION AND OTHER BACK OR NECK PROCEDURES EXCEPT DISC EXCISION OR DECOMPRESSION | 1.8672                   | 3.88     |
| 321-3     | CERVICAL SPINAL FUSION AND OTHER BACK OR NECK PROCEDURES EXCEPT DISC EXCISION OR DECOMPRESSION | 2.5483                   | 3.88     |
| 321-4     | CERVICAL SPINAL FUSION AND OTHER BACK OR NECK PROCEDURES EXCEPT DISC EXCISION OR DECOMPRESSION | 4.3590                   | 3.88     |
| 322-1     | SHOULDER AND ELBOW JOINT REPLACEMENT                                                           | 1.9628                   | 1.84     |
| 322-2     | SHOULDER AND ELBOW JOINT REPLACEMENT                                                           | 2.0143                   | 1.84     |
| 322-3     | SHOULDER AND ELBOW JOINT REPLACEMENT                                                           | 2.3997                   | 1.84     |
| 322-4     | SHOULDER AND ELBOW JOINT REPLACEMENT                                                           | 3.8820                   | 1.84     |
| 323-1     | NON-ELECTIVE OR COMPLEX HIP JOINT REPLACEMENT                                                  | 1.4032                   | 5.35     |
| 323-2     | NON-ELECTIVE OR COMPLEX HIP JOINT REPLACEMENT                                                  | 1.5734                   | 5.35     |
| 323-3     | NON-ELECTIVE OR COMPLEX HIP JOINT REPLACEMENT                                                  | 2.1505                   | 5.35     |
| 323-4     | NON-ELECTIVE OR COMPLEX HIP JOINT REPLACEMENT                                                  | 3.2248                   | 5.35     |
| 324-1     | ELECTIVE HIP JOINT REPLACEMENT                                                                 | 1.5102                   | 2.00     |
| 324-2     | ELECTIVE HIP JOINT REPLACEMENT                                                                 | 1.5811                   | 2.00     |
| 324-3     | ELECTIVE HIP JOINT REPLACEMENT                                                                 | 1.9296                   | 2.00     |
| 324-4     | ELECTIVE HIP JOINT REPLACEMENT                                                                 | 3.2162                   | 2.00     |
| 325-1     | NON-ELECTIVE OR COMPLEX KNEE JOINT REPLACEMENT                                                 | 2.3863                   | 4.24     |
| 325-2     | NON-ELECTIVE OR COMPLEX KNEE JOINT REPLACEMENT                                                 | 2.6564                   | 4.24     |
| 325-3     | NON-ELECTIVE OR COMPLEX KNEE JOINT REPLACEMENT                                                 | 3.1861                   | 4.24     |
| 325-4     | NON-ELECTIVE OR COMPLEX KNEE JOINT REPLACEMENT                                                 | 3.6902                   | 4.24     |
| 326-1     | ELECTIVE KNEE JOINT REPLACEMENT                                                                | 1.3496                   | 2.29     |
| 326-2     | ELECTIVE KNEE JOINT REPLACEMENT                                                                | 1.4548                   | 2.29     |
| 326-3     | ELECTIVE KNEE JOINT REPLACEMENT                                                                | 2.3656                   | 2.29     |
| 326-4     | ELECTIVE KNEE JOINT REPLACEMENT                                                                | 2.5731                   | 2.29     |

Chart C  
Acute Hospital RY23 MassHealth DRG Weights and Mean All-Payer Lengths of Stay  
Commonwealth of Massachusetts  
Executive Office of Health and Human Services  
All Patient Refined - Diagnostic Related Group and Severity of Illness (APR-DRG)  
List of RY23 DRGs, MassHealth DRG Weights, and Mean All-Payer Length of Stay (Mean LOS)

| DRG & SOI | DRG Description                                                                        | MassHealth DRG Weight | Mean LOS |
|-----------|----------------------------------------------------------------------------------------|-----------------------|----------|
| 340-1     | FRACTURE OF FEMUR                                                                      | 0.3518                | 3.70     |
| 340-2     | FRACTURE OF FEMUR                                                                      | 0.4237                | 3.70     |
| 340-3     | FRACTURE OF FEMUR                                                                      | 0.7325                | 3.70     |
| 340-4     | FRACTURE OF FEMUR                                                                      | 1.1358                | 3.70     |
| 341-1     | FRACTURE OF PELVIS OR DISLOCATION OF HIP                                               | 0.3713                | 3.57     |
| 341-2     | FRACTURE OF PELVIS OR DISLOCATION OF HIP                                               | 0.4680                | 3.57     |
| 341-3     | FRACTURE OF PELVIS OR DISLOCATION OF HIP                                               | 0.6118                | 3.57     |
| 341-4     | FRACTURE OF PELVIS OR DISLOCATION OF HIP                                               | 1.0398                | 3.57     |
| 342-1     | FRACTURES AND DISLOCATIONS EXCEPT FEMUR, PELVIS AND BACK                               | 0.4090                | 3.68     |
| 342-2     | FRACTURES AND DISLOCATIONS EXCEPT FEMUR, PELVIS AND BACK                               | 0.5130                | 3.68     |
| 342-3     | FRACTURES AND DISLOCATIONS EXCEPT FEMUR, PELVIS AND BACK                               | 0.7969                | 3.68     |
| 342-4     | FRACTURES AND DISLOCATIONS EXCEPT FEMUR, PELVIS AND BACK                               | 1.1684                | 3.68     |
| 343-1     | MUSCULOSKELETAL MALIGNANCY AND PATHOLOGICAL FRACTURE DUE TO MUSCULOSKELETAL MALIGNANCY | 0.6534                | 6.68     |
| 343-2     | MUSCULOSKELETAL MALIGNANCY AND PATHOLOGICAL FRACTURE DUE TO MUSCULOSKELETAL MALIGNANCY | 0.7716                | 6.68     |
| 343-3     | MUSCULOSKELETAL MALIGNANCY AND PATHOLOGICAL FRACTURE DUE TO MUSCULOSKELETAL MALIGNANCY | 1.3232                | 6.68     |
| 343-4     | MUSCULOSKELETAL MALIGNANCY AND PATHOLOGICAL FRACTURE DUE TO MUSCULOSKELETAL MALIGNANCY | 2.4044                | 6.68     |
| 344-1     | OSTEOMYELITIS, SEPTIC ARTHRITIS AND OTHER MUSCULOSKELETAL INFECTIONS                   | 0.6207                | 6.15     |
| 344-2     | OSTEOMYELITIS, SEPTIC ARTHRITIS AND OTHER MUSCULOSKELETAL INFECTIONS                   | 0.7604                | 6.15     |
| 344-3     | OSTEOMYELITIS, SEPTIC ARTHRITIS AND OTHER MUSCULOSKELETAL INFECTIONS                   | 1.1565                | 6.15     |
| 344-4     | OSTEOMYELITIS, SEPTIC ARTHRITIS AND OTHER MUSCULOSKELETAL INFECTIONS                   | 2.0700                | 6.15     |
| 346-1     | CONNECTIVE TISSUE DISORDERS                                                            | 0.6288                | 5.58     |
| 346-2     | CONNECTIVE TISSUE DISORDERS                                                            | 0.8305                | 5.58     |
| 346-3     | CONNECTIVE TISSUE DISORDERS                                                            | 1.3705                | 5.58     |
| 346-4     | CONNECTIVE TISSUE DISORDERS                                                            | 3.2487                | 5.58     |
| 347-1     | OTHER BACK AND NECK DISORDERS, FRACTURES AND INJURIES                                  | 0.4540                | 4.00     |
| 347-2     | OTHER BACK AND NECK DISORDERS, FRACTURES AND INJURIES                                  | 0.5417                | 4.00     |
| 347-3     | OTHER BACK AND NECK DISORDERS, FRACTURES AND INJURIES                                  | 0.7736                | 4.00     |
| 347-4     | OTHER BACK AND NECK DISORDERS, FRACTURES AND INJURIES                                  | 1.5526                | 4.00     |
| 349-1     | MALFUNCTION, REACTION, COMPLICATION OF ORTHOPEDIC DEVICE OR PROCEDURE                  | 0.4379                | 4.96     |
| 349-2     | MALFUNCTION, REACTION, COMPLICATION OF ORTHOPEDIC DEVICE OR PROCEDURE                  | 0.6585                | 4.96     |
| 349-3     | MALFUNCTION, REACTION, COMPLICATION OF ORTHOPEDIC DEVICE OR PROCEDURE                  | 0.9148                | 4.96     |
| 349-4     | MALFUNCTION, REACTION, COMPLICATION OF ORTHOPEDIC DEVICE OR PROCEDURE                  | 1.8429                | 4.96     |
| 351-1     | OTHER MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE DIAGNOSES                           | 0.4127                | 3.80     |
| 351-2     | OTHER MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE DIAGNOSES                           | 0.5023                | 3.80     |
| 351-3     | OTHER MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE DIAGNOSES                           | 0.8036                | 3.80     |
| 351-4     | OTHER MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE DIAGNOSES                           | 1.5812                | 3.80     |
| 361-1     | SKIN GRAFT FOR SKIN AND SUBCUTANEOUS TISSUE DIAGNOSES                                  | 1.2363                | 6.68     |
| 361-2     | SKIN GRAFT FOR SKIN AND SUBCUTANEOUS TISSUE DIAGNOSES                                  | 1.6968                | 6.68     |
| 361-3     | SKIN GRAFT FOR SKIN AND SUBCUTANEOUS TISSUE DIAGNOSES                                  | 2.4547                | 6.68     |
| 361-4     | SKIN GRAFT FOR SKIN AND SUBCUTANEOUS TISSUE DIAGNOSES                                  | 5.8199                | 6.68     |
| 362-1     | MASTECTOMY PROCEDURES                                                                  | 1.0614                | 1.69     |
| 362-2     | MASTECTOMY PROCEDURES                                                                  | 1.5643                | 1.69     |
| 362-3     | MASTECTOMY PROCEDURES                                                                  | 2.2271                | 1.69     |
| 362-4     | MASTECTOMY PROCEDURES                                                                  | 4.0222                | 1.69     |
| 363-1     | BREAST PROCEDURES EXCEPT MASTECTOMY                                                    | 1.0840                | 2.85     |
| 363-2     | BREAST PROCEDURES EXCEPT MASTECTOMY                                                    | 1.9308                | 2.85     |
| 363-3     | BREAST PROCEDURES EXCEPT MASTECTOMY                                                    | 2.0381                | 2.85     |
| 363-4     | BREAST PROCEDURES EXCEPT MASTECTOMY                                                    | 3.6374                | 2.85     |
| 364-1     | OTHER SKIN, SUBCUTANEOUS TISSUE AND RELATED PROCEDURES                                 | 0.6648                | 5.09     |
| 364-2     | OTHER SKIN, SUBCUTANEOUS TISSUE AND RELATED PROCEDURES                                 | 0.8693                | 5.09     |
| 364-3     | OTHER SKIN, SUBCUTANEOUS TISSUE AND RELATED PROCEDURES                                 | 1.4199                | 5.09     |
| 364-4     | OTHER SKIN, SUBCUTANEOUS TISSUE AND RELATED PROCEDURES                                 | 2.9354                | 5.09     |
| 380-1     | SKIN ULCERS                                                                            | 0.4240                | 4.77     |
| 380-2     | SKIN ULCERS                                                                            | 0.5435                | 4.77     |
| 380-3     | SKIN ULCERS                                                                            | 0.9199                | 4.77     |
| 380-4     | SKIN ULCERS                                                                            | 1.5969                | 4.77     |
| 381-1     | MAJOR SKIN DISORDERS                                                                   | 0.5596                | 5.37     |
| 381-2     | MAJOR SKIN DISORDERS                                                                   | 0.7465                | 5.37     |
| 381-3     | MAJOR SKIN DISORDERS                                                                   | 1.4981                | 5.37     |
| 381-4     | MAJOR SKIN DISORDERS                                                                   | 2.9136                | 5.37     |
| 382-1     | MALIGNANT BREAST DISORDERS                                                             | 0.6146                | 5.27     |
| 382-2     | MALIGNANT BREAST DISORDERS                                                             | 0.7381                | 5.27     |
| 382-3     | MALIGNANT BREAST DISORDERS                                                             | 0.8625                | 5.27     |
| 382-4     | MALIGNANT BREAST DISORDERS                                                             | 1.4351                | 5.27     |
| 383-1     | CELLULITIS AND OTHER SKIN INFECTIONS                                                   | 0.3708                | 3.72     |
| 383-2     | CELLULITIS AND OTHER SKIN INFECTIONS                                                   | 0.4989                | 3.72     |
| 383-3     | CELLULITIS AND OTHER SKIN INFECTIONS                                                   | 0.7489                | 3.72     |
| 383-4     | CELLULITIS AND OTHER SKIN INFECTIONS                                                   | 1.5183                | 3.72     |
| 384-1     | CONTUSION, OPEN WOUND AND OTHER TRAUMA TO SKIN AND SUBCUTANEOUS TISSUE                 | 0.3779                | 3.50     |
| 384-2     | CONTUSION, OPEN WOUND AND OTHER TRAUMA TO SKIN AND SUBCUTANEOUS TISSUE                 | 0.4906                | 3.50     |
| 384-3     | CONTUSION, OPEN WOUND AND OTHER TRAUMA TO SKIN AND SUBCUTANEOUS TISSUE                 | 0.8741                | 3.50     |
| 384-4     | CONTUSION, OPEN WOUND AND OTHER TRAUMA TO SKIN AND SUBCUTANEOUS TISSUE                 | 1.5406                | 3.50     |
| 385-1     | OTHER SKIN, SUBCUTANEOUS TISSUE AND BREAST DISORDERS                                   | 0.4172                | 3.80     |
| 385-2     | OTHER SKIN, SUBCUTANEOUS TISSUE AND BREAST DISORDERS                                   | 0.5303                | 3.80     |
| 385-3     | OTHER SKIN, SUBCUTANEOUS TISSUE AND BREAST DISORDERS                                   | 0.9370                | 3.80     |
| 385-4     | OTHER SKIN, SUBCUTANEOUS TISSUE AND BREAST DISORDERS                                   | 2.2966                | 3.80     |
| 401-1     | ADRENAL PROCEDURES                                                                     | 1.0129                | 2.99     |
| 401-2     | ADRENAL PROCEDURES                                                                     | 2.7954                | 2.99     |
| 401-3     | ADRENAL PROCEDURES                                                                     | 3.5518                | 2.99     |
| 401-4     | ADRENAL PROCEDURES                                                                     | 5.4129                | 2.99     |

Chart C  
Acute Hospital RY23 MassHealth DRG Weights and Mean All-Payer Lengths of Stay  
Commonwealth of Massachusetts  
Executive Office of Health and Human Services  
All Patient Refined - Diagnostic Related Group and Severity of Illness (APR-DRG)  
List of RY23 DRGs, MassHealth DRG Weights, and Mean All-Payer Length of Stay (Mean LOS)

| DRG & SOI | DRG Description                                                     | MassHealth<br>DRG Weight | Mean LOS |
|-----------|---------------------------------------------------------------------|--------------------------|----------|
| 403-1     | PROCEDURES FOR OBESITY                                              | 0.8389                   | 1.66     |
| 403-2     | PROCEDURES FOR OBESITY                                              | 0.9351                   | 1.66     |
| 403-3     | PROCEDURES FOR OBESITY                                              | 1.8607                   | 1.66     |
| 403-4     | PROCEDURES FOR OBESITY                                              | 5.1686                   | 1.66     |
| 404-1     | THYROID, PARATHYROID AND THYROID GLOTTAL PROCEDURES                 | 0.7394                   | 2.81     |
| 404-2     | THYROID, PARATHYROID AND THYROID GLOTTAL PROCEDURES                 | 1.1435                   | 2.81     |
| 404-3     | THYROID, PARATHYROID AND THYROID GLOTTAL PROCEDURES                 | 2.2918                   | 2.81     |
| 404-4     | THYROID, PARATHYROID AND THYROID GLOTTAL PROCEDURES                 | 5.4954                   | 2.81     |
| 405-1     | OTHER PROCEDURES FOR ENDOCRINE, NUTRITIONAL AND METABOLIC DISORDERS | 1.0882                   | 9.64     |
| 405-2     | OTHER PROCEDURES FOR ENDOCRINE, NUTRITIONAL AND METABOLIC DISORDERS | 1.3924                   | 9.64     |
| 405-3     | OTHER PROCEDURES FOR ENDOCRINE, NUTRITIONAL AND METABOLIC DISORDERS | 2.1995                   | 9.64     |
| 405-4     | OTHER PROCEDURES FOR ENDOCRINE, NUTRITIONAL AND METABOLIC DISORDERS | 5.2438                   | 9.64     |
| 420-1     | DIABETES                                                            | 0.4082                   | 3.54     |
| 420-2     | DIABETES                                                            | 0.4930                   | 3.54     |
| 420-3     | DIABETES                                                            | 0.7968                   | 3.54     |
| 420-4     | DIABETES                                                            | 1.7702                   | 3.54     |
| 421-1     | MALNUTRITION, FAILURE TO THRIVE AND OTHER NUTRITIONAL DISORDERS     | 0.6968                   | 7.46     |
| 421-2     | MALNUTRITION, FAILURE TO THRIVE AND OTHER NUTRITIONAL DISORDERS     | 0.7188                   | 7.46     |
| 421-3     | MALNUTRITION, FAILURE TO THRIVE AND OTHER NUTRITIONAL DISORDERS     | 1.3262                   | 7.46     |
| 421-4     | MALNUTRITION, FAILURE TO THRIVE AND OTHER NUTRITIONAL DISORDERS     | 3.7358                   | 7.46     |
| 422-1     | HYPOVOLEMIA AND RELATED ELECTROLYTE DISORDERS                       | 0.3150                   | 3.31     |
| 422-2     | HYPOVOLEMIA AND RELATED ELECTROLYTE DISORDERS                       | 0.4309                   | 3.31     |
| 422-3     | HYPOVOLEMIA AND RELATED ELECTROLYTE DISORDERS                       | 0.6809                   | 3.31     |
| 422-4     | HYPOVOLEMIA AND RELATED ELECTROLYTE DISORDERS                       | 1.3906                   | 3.31     |
| 423-1     | INBORN ERRORS OF METABOLISM                                         | 0.8910                   | 6.36     |
| 423-2     | INBORN ERRORS OF METABOLISM                                         | 1.6820                   | 6.36     |
| 423-3     | INBORN ERRORS OF METABOLISM                                         | 2.3569                   | 6.36     |
| 423-4     | INBORN ERRORS OF METABOLISM                                         | 3.9390                   | 6.36     |
| 424-1     | OTHER ENDOCRINE DISORDERS                                           | 0.4853                   | 4.70     |
| 424-2     | OTHER ENDOCRINE DISORDERS                                           | 0.6418                   | 4.70     |
| 424-3     | OTHER ENDOCRINE DISORDERS                                           | 1.1803                   | 4.70     |
| 424-4     | OTHER ENDOCRINE DISORDERS                                           | 2.0795                   | 4.70     |
| 425-1     | OTHER NON-HYPOVOLEMIC ELECTROLYTE DISORDERS                         | 0.3571                   | 3.74     |
| 425-2     | OTHER NON-HYPOVOLEMIC ELECTROLYTE DISORDERS                         | 0.4759                   | 3.74     |
| 425-3     | OTHER NON-HYPOVOLEMIC ELECTROLYTE DISORDERS                         | 0.7794                   | 3.74     |
| 425-4     | OTHER NON-HYPOVOLEMIC ELECTROLYTE DISORDERS                         | 1.9910                   | 3.74     |
| 426-1     | NON-HYPOVOLEMIC SODIUM DISORDERS                                    | 0.3795                   | 4.12     |
| 426-2     | NON-HYPOVOLEMIC SODIUM DISORDERS                                    | 0.5186                   | 4.12     |
| 426-3     | NON-HYPOVOLEMIC SODIUM DISORDERS                                    | 0.8602                   | 4.12     |
| 426-4     | NON-HYPOVOLEMIC SODIUM DISORDERS                                    | 1.6898                   | 4.12     |
| 427-1     | THYROID DISORDERS                                                   | 0.4385                   | 4.32     |
| 427-2     | THYROID DISORDERS                                                   | 0.5794                   | 4.32     |
| 427-3     | THYROID DISORDERS                                                   | 0.9056                   | 4.32     |
| 427-4     | THYROID DISORDERS                                                   | 2.1910                   | 4.32     |
| 440-1     | KIDNEY TRANSPLANT                                                   | 7.7214                   | 7.08     |
| 440-2     | KIDNEY TRANSPLANT                                                   | 8.1944                   | 7.08     |
| 440-3     | KIDNEY TRANSPLANT                                                   | 8.9764                   | 7.08     |
| 440-4     | KIDNEY TRANSPLANT                                                   | 9.3772                   | 7.08     |
| 441-1     | MAJOR BLADDER PROCEDURES                                            | 1.7154                   | 8.18     |
| 441-2     | MAJOR BLADDER PROCEDURES                                            | 2.0878                   | 8.18     |
| 441-3     | MAJOR BLADDER PROCEDURES                                            | 2.5824                   | 8.18     |
| 441-4     | MAJOR BLADDER PROCEDURES                                            | 5.2993                   | 8.18     |
| 442-1     | KIDNEY AND URINARY TRACT PROCEDURES FOR MALIGNANCY                  | 1.0501                   | 3.56     |
| 442-2     | KIDNEY AND URINARY TRACT PROCEDURES FOR MALIGNANCY                  | 1.2136                   | 3.56     |
| 442-3     | KIDNEY AND URINARY TRACT PROCEDURES FOR MALIGNANCY                  | 2.1385                   | 3.56     |
| 442-4     | KIDNEY AND URINARY TRACT PROCEDURES FOR MALIGNANCY                  | 3.8562                   | 3.56     |
| 443-1     | KIDNEY AND URINARY TRACT PROCEDURES FOR NON-MALIGNANCY              | 0.9622                   | 4.04     |
| 443-2     | KIDNEY AND URINARY TRACT PROCEDURES FOR NON-MALIGNANCY              | 1.0946                   | 4.04     |
| 443-3     | KIDNEY AND URINARY TRACT PROCEDURES FOR NON-MALIGNANCY              | 1.7571                   | 4.04     |
| 443-4     | KIDNEY AND URINARY TRACT PROCEDURES FOR NON-MALIGNANCY              | 3.5801                   | 4.04     |
| 444-1     | RENAL DIALYSIS ACCESS DEVICE PROCEDURES AND VESSEL REPAIR           | 1.1922                   | 9.15     |
| 444-2     | RENAL DIALYSIS ACCESS DEVICE PROCEDURES AND VESSEL REPAIR           | 1.2904                   | 9.15     |
| 444-3     | RENAL DIALYSIS ACCESS DEVICE PROCEDURES AND VESSEL REPAIR           | 2.2163                   | 9.15     |
| 444-4     | RENAL DIALYSIS ACCESS DEVICE PROCEDURES AND VESSEL REPAIR           | 4.6975                   | 9.15     |
| 445-1     | OTHER BLADDER PROCEDURES                                            | 0.7475                   | 5.15     |
| 445-2     | OTHER BLADDER PROCEDURES                                            | 1.0924                   | 5.15     |
| 445-3     | OTHER BLADDER PROCEDURES                                            | 1.5089                   | 5.15     |
| 445-4     | OTHER BLADDER PROCEDURES                                            | 3.5294                   | 5.15     |
| 446-1     | URETHRAL AND TRANSURETHRAL PROCEDURES                               | 0.5328                   | 3.93     |
| 446-2     | URETHRAL AND TRANSURETHRAL PROCEDURES                               | 0.7438                   | 3.93     |
| 446-3     | URETHRAL AND TRANSURETHRAL PROCEDURES                               | 1.4241                   | 3.93     |
| 446-4     | URETHRAL AND TRANSURETHRAL PROCEDURES                               | 2.7959                   | 3.93     |
| 447-1     | OTHER KIDNEY, URINARY TRACT AND RELATED PROCEDURES                  | 1.4201                   | 7.90     |
| 447-2     | OTHER KIDNEY, URINARY TRACT AND RELATED PROCEDURES                  | 1.4359                   | 7.90     |
| 447-3     | OTHER KIDNEY, URINARY TRACT AND RELATED PROCEDURES                  | 1.9561                   | 7.90     |
| 447-4     | OTHER KIDNEY, URINARY TRACT AND RELATED PROCEDURES                  | 5.4528                   | 7.90     |
| 461-1     | KIDNEY AND URINARY TRACT MALIGNANCY                                 | 0.6129                   | 6.10     |
| 461-2     | KIDNEY AND URINARY TRACT MALIGNANCY                                 | 0.6408                   | 6.10     |
| 461-3     | KIDNEY AND URINARY TRACT MALIGNANCY                                 | 1.1119                   | 6.10     |
| 461-4     | KIDNEY AND URINARY TRACT MALIGNANCY                                 | 1.5980                   | 6.10     |

Chart C  
Acute Hospital RY23 MassHealth DRG Weights and Mean All-Payer Lengths of Stay  
Commonwealth of Massachusetts  
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All Patient Refined - Diagnostic Related Group and Severity of Illness (APR-DRG)  
List of RY23 DRGs, MassHealth DRG Weights, and Mean All-Payer Length of Stay (Mean LOS)

| DRG & SOI | DRG Description                                                                      | MassHealth<br>DRG Weight | Mean LOS |
|-----------|--------------------------------------------------------------------------------------|--------------------------|----------|
| 462-1     | NEPHRITIS AND NEPHROSIS                                                              | 0.4929                   | 5.90     |
| 462-2     | NEPHRITIS AND NEPHROSIS                                                              | 0.6237                   | 5.90     |
| 462-3     | NEPHRITIS AND NEPHROSIS                                                              | 1.2204                   | 5.90     |
| 462-4     | NEPHRITIS AND NEPHROSIS                                                              | 3.9076                   | 5.90     |
| 463-1     | KIDNEY AND URINARY TRACT INFECTIONS                                                  | 0.3633                   | 3.75     |
| 463-2     | KIDNEY AND URINARY TRACT INFECTIONS                                                  | 0.4599                   | 3.75     |
| 463-3     | KIDNEY AND URINARY TRACT INFECTIONS                                                  | 0.6667                   | 3.75     |
| 463-4     | KIDNEY AND URINARY TRACT INFECTIONS                                                  | 1.3231                   | 3.75     |
| 465-1     | URINARY STONES AND ACQUIRED UPPER URINARY TRACT OBSTRUCTION                          | 0.3887                   | 2.49     |
| 465-2     | URINARY STONES AND ACQUIRED UPPER URINARY TRACT OBSTRUCTION                          | 0.4160                   | 2.49     |
| 465-3     | URINARY STONES AND ACQUIRED UPPER URINARY TRACT OBSTRUCTION                          | 0.9104                   | 2.49     |
| 465-4     | URINARY STONES AND ACQUIRED UPPER URINARY TRACT OBSTRUCTION                          | 1.7582                   | 2.49     |
| 466-1     | MALFUNCTION, REACTION, COMPLICATION OF GENITOURINARY DEVICE OR PROCEDURE             | 0.3352                   | 5.25     |
| 466-2     | MALFUNCTION, REACTION, COMPLICATION OF GENITOURINARY DEVICE OR PROCEDURE             | 0.5226                   | 5.25     |
| 466-3     | MALFUNCTION, REACTION, COMPLICATION OF GENITOURINARY DEVICE OR PROCEDURE             | 0.8047                   | 5.25     |
| 466-4     | MALFUNCTION, REACTION, COMPLICATION OF GENITOURINARY DEVICE OR PROCEDURE             | 1.4211                   | 5.25     |
| 468-1     | OTHER KIDNEY AND URINARY TRACT DIAGNOSES, SIGNS AND SYMPTOMS                         | 0.4005                   | 4.22     |
| 468-2     | OTHER KIDNEY AND URINARY TRACT DIAGNOSES, SIGNS AND SYMPTOMS                         | 0.5120                   | 4.22     |
| 468-3     | OTHER KIDNEY AND URINARY TRACT DIAGNOSES, SIGNS AND SYMPTOMS                         | 0.8809                   | 4.22     |
| 468-4     | OTHER KIDNEY AND URINARY TRACT DIAGNOSES, SIGNS AND SYMPTOMS                         | 1.6416                   | 4.22     |
| 469-1     | ACUTE KIDNEY INJURY                                                                  | 0.3433                   | 4.62     |
| 469-2     | ACUTE KIDNEY INJURY                                                                  | 0.4740                   | 4.62     |
| 469-3     | ACUTE KIDNEY INJURY                                                                  | 0.8751                   | 4.62     |
| 469-4     | ACUTE KIDNEY INJURY                                                                  | 1.9753                   | 4.62     |
| 470-1     | CHRONIC KIDNEY DISEASE                                                               | 0.4678                   | 4.79     |
| 470-2     | CHRONIC KIDNEY DISEASE                                                               | 0.5815                   | 4.79     |
| 470-3     | CHRONIC KIDNEY DISEASE                                                               | 0.9576                   | 4.79     |
| 470-4     | CHRONIC KIDNEY DISEASE                                                               | 1.7059                   | 4.79     |
| 480-1     | MAJOR MALE PELVIC PROCEDURES                                                         | 0.8682                   | 1.55     |
| 480-2     | MAJOR MALE PELVIC PROCEDURES                                                         | 0.9832                   | 1.55     |
| 480-3     | MAJOR MALE PELVIC PROCEDURES                                                         | 2.7825                   | 1.55     |
| 480-4     | MAJOR MALE PELVIC PROCEDURES                                                         | 5.1280                   | 1.55     |
| 482-1     | TRANSURETHRAL PROSTATECTOMY                                                          | 0.5297                   | 3.40     |
| 482-2     | TRANSURETHRAL PROSTATECTOMY                                                          | 0.7254                   | 3.40     |
| 482-3     | TRANSURETHRAL PROSTATECTOMY                                                          | 1.3467                   | 3.40     |
| 482-4     | TRANSURETHRAL PROSTATECTOMY                                                          | 3.0604                   | 3.40     |
| 483-1     | PENIS, TESTES AND SCROTAL PROCEDURES                                                 | 0.9685                   | 3.85     |
| 483-2     | PENIS, TESTES AND SCROTAL PROCEDURES                                                 | 1.2516                   | 3.85     |
| 483-3     | PENIS, TESTES AND SCROTAL PROCEDURES                                                 | 2.1886                   | 3.85     |
| 483-4     | PENIS, TESTES AND SCROTAL PROCEDURES                                                 | 4.6158                   | 3.85     |
| 484-1     | OTHER MALE REPRODUCTIVE SYSTEM AND RELATED PROCEDURES                                | 0.8163                   | 2.07     |
| 484-2     | OTHER MALE REPRODUCTIVE SYSTEM AND RELATED PROCEDURES                                | 1.0280                   | 2.07     |
| 484-3     | OTHER MALE REPRODUCTIVE SYSTEM AND RELATED PROCEDURES                                | 1.2435                   | 2.07     |
| 484-4     | OTHER MALE REPRODUCTIVE SYSTEM AND RELATED PROCEDURES                                | 5.0044                   | 2.07     |
| 500-1     | MALIGNANCY, MALE REPRODUCTIVE SYSTEM                                                 | 0.4424                   | 5.82     |
| 500-2     | MALIGNANCY, MALE REPRODUCTIVE SYSTEM                                                 | 0.6748                   | 5.82     |
| 500-3     | MALIGNANCY, MALE REPRODUCTIVE SYSTEM                                                 | 1.1076                   | 5.82     |
| 500-4     | MALIGNANCY, MALE REPRODUCTIVE SYSTEM                                                 | 2.1106                   | 5.82     |
| 501-1     | MALE REPRODUCTIVE SYSTEM DIAGNOSES EXCEPT MALIGNANCY                                 | 0.3857                   | 3.71     |
| 501-2     | MALE REPRODUCTIVE SYSTEM DIAGNOSES EXCEPT MALIGNANCY                                 | 0.4944                   | 3.71     |
| 501-3     | MALE REPRODUCTIVE SYSTEM DIAGNOSES EXCEPT MALIGNANCY                                 | 0.9226                   | 3.71     |
| 501-4     | MALE REPRODUCTIVE SYSTEM DIAGNOSES EXCEPT MALIGNANCY                                 | 2.1127                   | 3.71     |
| 510-1     | PELVIC EVISCERATION, RADICAL HYSTERECTOMY AND OTHER RADICAL GYNECOLOGICAL PROCEDURES | 1.0258                   | 3.97     |
| 510-2     | PELVIC EVISCERATION, RADICAL HYSTERECTOMY AND OTHER RADICAL GYNECOLOGICAL PROCEDURES | 1.4760                   | 3.97     |
| 510-3     | PELVIC EVISCERATION, RADICAL HYSTERECTOMY AND OTHER RADICAL GYNECOLOGICAL PROCEDURES | 2.9301                   | 3.97     |
| 510-4     | PELVIC EVISCERATION, RADICAL HYSTERECTOMY AND OTHER RADICAL GYNECOLOGICAL PROCEDURES | 5.6988                   | 3.97     |
| 511-1     | UTERINE AND ADNEXA PROCEDURES FOR OVARIAN AND ADNEXAL MALIGNANCY                     | 1.0542                   | 4.38     |
| 511-2     | UTERINE AND ADNEXA PROCEDURES FOR OVARIAN AND ADNEXAL MALIGNANCY                     | 1.2934                   | 4.38     |
| 511-3     | UTERINE AND ADNEXA PROCEDURES FOR OVARIAN AND ADNEXAL MALIGNANCY                     | 1.9967                   | 4.38     |
| 511-4     | UTERINE AND ADNEXA PROCEDURES FOR OVARIAN AND ADNEXAL MALIGNANCY                     | 4.3780                   | 4.38     |
| 512-1     | UTERINE AND ADNEXA PROCEDURES FOR NON-OVARIAN AND NON-ADNEXAL MALIGNANCY             | 1.0433                   | 3.52     |
| 512-2     | UTERINE AND ADNEXA PROCEDURES FOR NON-OVARIAN AND NON-ADNEXAL MALIGNANCY             | 1.1441                   | 3.52     |
| 512-3     | UTERINE AND ADNEXA PROCEDURES FOR NON-OVARIAN AND NON-ADNEXAL MALIGNANCY             | 2.2342                   | 3.52     |
| 512-4     | UTERINE AND ADNEXA PROCEDURES FOR NON-OVARIAN AND NON-ADNEXAL MALIGNANCY             | 4.5581                   | 3.52     |
| 513-1     | UTERINE AND ADNEXA PROCEDURES FOR NON-MALIGNANCY EXCEPT LEIOMYOMA                    | 0.7294                   | 2.21     |
| 513-2     | UTERINE AND ADNEXA PROCEDURES FOR NON-MALIGNANCY EXCEPT LEIOMYOMA                    | 0.9299                   | 2.21     |
| 513-3     | UTERINE AND ADNEXA PROCEDURES FOR NON-MALIGNANCY EXCEPT LEIOMYOMA                    | 1.4210                   | 2.21     |
| 513-4     | UTERINE AND ADNEXA PROCEDURES FOR NON-MALIGNANCY EXCEPT LEIOMYOMA                    | 4.1117                   | 2.21     |
| 514-1     | FEMALE REPRODUCTIVE SYSTEM RECONSTRUCTIVE PROCEDURES                                 | 0.5763                   | 2.31     |
| 514-2     | FEMALE REPRODUCTIVE SYSTEM RECONSTRUCTIVE PROCEDURES                                 | 0.8870                   | 2.31     |
| 514-3     | FEMALE REPRODUCTIVE SYSTEM RECONSTRUCTIVE PROCEDURES                                 | 2.8486                   | 2.31     |
| 514-4     | FEMALE REPRODUCTIVE SYSTEM RECONSTRUCTIVE PROCEDURES                                 | 4.2958                   | 2.31     |
| 517-1     | DILATION AND CURETTAGE FOR NON-OBSTETRIC DIAGNOSES                                   | 0.5430                   | 4.30     |
| 517-2     | DILATION AND CURETTAGE FOR NON-OBSTETRIC DIAGNOSES                                   | 0.6346                   | 4.30     |
| 517-3     | DILATION AND CURETTAGE FOR NON-OBSTETRIC DIAGNOSES                                   | 1.6645                   | 4.30     |
| 517-4     | DILATION AND CURETTAGE FOR NON-OBSTETRIC DIAGNOSES                                   | 3.7030                   | 4.30     |
| 518-1     | OTHER FEMALE REPRODUCTIVE SYSTEM AND RELATED PROCEDURES                              | 0.6999                   | 3.80     |
| 518-2     | OTHER FEMALE REPRODUCTIVE SYSTEM AND RELATED PROCEDURES                              | 0.9703                   | 3.80     |
| 518-3     | OTHER FEMALE REPRODUCTIVE SYSTEM AND RELATED PROCEDURES                              | 1.8729                   | 3.80     |
| 518-4     | OTHER FEMALE REPRODUCTIVE SYSTEM AND RELATED PROCEDURES                              | 4.3463                   | 3.80     |

**Chart C**  
**Acute Hospital RY23 MassHealth DRG Weights and Mean All-Payer Lengths of Stay**  
**Commonwealth of Massachusetts**  
**Executive Office of Health and Human Services**  
**All Patient Refined - Diagnostic Related Group and Severity of Illness (APR-DRG)**  
**List of RY23 DRGs, MassHealth DRG Weights, and Mean All-Payer Length of Stay (Mean LOS)**

| DRG & SOI | DRG Description                                                                                                                                                                         | MassHealth DRG Weight | Mean LOS |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|----------|
| 519-1     | UTERINE AND ADNEXA PROCEDURES FOR LEIOMYOMA                                                                                                                                             | 0.7243                | 2.17     |
| 519-2     | UTERINE AND ADNEXA PROCEDURES FOR LEIOMYOMA                                                                                                                                             | 1.0274                | 2.17     |
| 519-3     | UTERINE AND ADNEXA PROCEDURES FOR LEIOMYOMA                                                                                                                                             | 2.0418                | 2.17     |
| 519-4     | UTERINE AND ADNEXA PROCEDURES FOR LEIOMYOMA                                                                                                                                             | 4.3848                | 2.17     |
| 530-1     | FEMALE REPRODUCTIVE SYSTEM MALIGNANCY                                                                                                                                                   | 0.5581                | 4.46     |
| 530-2     | FEMALE REPRODUCTIVE SYSTEM MALIGNANCY                                                                                                                                                   | 0.6636                | 4.46     |
| 530-3     | FEMALE REPRODUCTIVE SYSTEM MALIGNANCY                                                                                                                                                   | 0.9529                | 4.46     |
| 530-4     | FEMALE REPRODUCTIVE SYSTEM MALIGNANCY                                                                                                                                                   | 1.8845                | 4.46     |
| 531-1     | FEMALE REPRODUCTIVE SYSTEM INFECTIONS                                                                                                                                                   | 0.4192                | 3.37     |
| 531-2     | FEMALE REPRODUCTIVE SYSTEM INFECTIONS                                                                                                                                                   | 0.5515                | 3.37     |
| 531-3     | FEMALE REPRODUCTIVE SYSTEM INFECTIONS                                                                                                                                                   | 0.9563                | 3.37     |
| 531-4     | FEMALE REPRODUCTIVE SYSTEM INFECTIONS                                                                                                                                                   | 2.0873                | 3.37     |
| 532-1     | MENSTRUAL AND OTHER FEMALE REPRODUCTIVE SYSTEM DISORDERS                                                                                                                                | 0.3632                | 2.60     |
| 532-2     | MENSTRUAL AND OTHER FEMALE REPRODUCTIVE SYSTEM DISORDERS                                                                                                                                | 0.4822                | 2.60     |
| 532-3     | MENSTRUAL AND OTHER FEMALE REPRODUCTIVE SYSTEM DISORDERS                                                                                                                                | 0.8074                | 2.60     |
| 532-4     | MENSTRUAL AND OTHER FEMALE REPRODUCTIVE SYSTEM DISORDERS                                                                                                                                | 2.1383                | 2.60     |
| 539-1     | CESAREAN SECTION WITH STERILIZATION                                                                                                                                                     | 0.7417                | 4.08     |
| 539-2     | CESAREAN SECTION WITH STERILIZATION                                                                                                                                                     | 0.9183                | 4.08     |
| 539-3     | CESAREAN SECTION WITH STERILIZATION                                                                                                                                                     | 1.4911                | 4.08     |
| 539-4     | CESAREAN SECTION WITH STERILIZATION                                                                                                                                                     | 2.6447                | 4.08     |
| 540-1     | CESAREAN SECTION WITHOUT STERILIZATION                                                                                                                                                  | 0.7374                | 4.51     |
| 540-2     | CESAREAN SECTION WITHOUT STERILIZATION                                                                                                                                                  | 0.9456                | 4.51     |
| 540-3     | CESAREAN SECTION WITHOUT STERILIZATION                                                                                                                                                  | 1.2721                | 4.51     |
| 540-4     | CESAREAN SECTION WITHOUT STERILIZATION                                                                                                                                                  | 2.1956                | 4.51     |
| 541-1     | VAGINAL DELIVERY WITH STERILIZATION AND/OR D&C                                                                                                                                          | 0.7088                | 2.74     |
| 541-2     | VAGINAL DELIVERY WITH STERILIZATION AND/OR D&C                                                                                                                                          | 0.7722                | 2.74     |
| 541-3     | VAGINAL DELIVERY WITH STERILIZATION AND/OR D&C                                                                                                                                          | 0.9552                | 2.74     |
| 541-4     | VAGINAL DELIVERY WITH STERILIZATION AND/OR D&C                                                                                                                                          | 1.5324                | 2.74     |
| 542-1     | VAGINAL DELIVERY WITH O.R. PROCEDURE EXCEPT STERILIZATION AND/OR D&C                                                                                                                    | 0.5703                | 3.04     |
| 542-2     | VAGINAL DELIVERY WITH O.R. PROCEDURE EXCEPT STERILIZATION AND/OR D&C                                                                                                                    | 0.6797                | 3.04     |
| 542-3     | VAGINAL DELIVERY WITH O.R. PROCEDURE EXCEPT STERILIZATION AND/OR D&C                                                                                                                    | 1.0117                | 3.04     |
| 542-4     | VAGINAL DELIVERY WITH O.R. PROCEDURE EXCEPT STERILIZATION AND/OR D&C                                                                                                                    | 2.4159                | 3.04     |
| 543-1     | ABORTION WITH D&C, ASPIRATION CURETTAGE OR HYSTEROTOMY                                                                                                                                  | 0.4820                | 1.77     |
| 543-2     | ABORTION WITH D&C, ASPIRATION CURETTAGE OR HYSTEROTOMY                                                                                                                                  | 0.6431                | 1.77     |
| 543-3     | ABORTION WITH D&C, ASPIRATION CURETTAGE OR HYSTEROTOMY                                                                                                                                  | 1.0269                | 1.77     |
| 543-4     | ABORTION WITH D&C, ASPIRATION CURETTAGE OR HYSTEROTOMY                                                                                                                                  | 2.5161                | 1.77     |
| 547-1     | ANTEPARTUM WITH O.R. PROCEDURE                                                                                                                                                          | 0.5998                | 3.04     |
| 547-2     | ANTEPARTUM WITH O.R. PROCEDURE                                                                                                                                                          | 0.8032                | 3.04     |
| 547-3     | ANTEPARTUM WITH O.R. PROCEDURE                                                                                                                                                          | 1.3368                | 3.04     |
| 547-4     | ANTEPARTUM WITH O.R. PROCEDURE                                                                                                                                                          | 3.0067                | 3.04     |
| 548-1     | POSTPARTUM AND POST ABORTION DIAGNOSIS WITH O.R. PROCEDURE                                                                                                                              | 0.4864                | 3.03     |
| 548-2     | POSTPARTUM AND POST ABORTION DIAGNOSIS WITH O.R. PROCEDURE                                                                                                                              | 0.8705                | 3.03     |
| 548-3     | POSTPARTUM AND POST ABORTION DIAGNOSIS WITH O.R. PROCEDURE                                                                                                                              | 1.2932                | 3.03     |
| 548-4     | POSTPARTUM AND POST ABORTION DIAGNOSIS WITH O.R. PROCEDURE                                                                                                                              | 3.9968                | 3.03     |
| 560-1     | VAGINAL DELIVERY                                                                                                                                                                        | 0.5264                | 2.62     |
| 560-2     | VAGINAL DELIVERY                                                                                                                                                                        | 0.6011                | 2.62     |
| 560-3     | VAGINAL DELIVERY                                                                                                                                                                        | 0.8149                | 2.62     |
| 560-4     | VAGINAL DELIVERY                                                                                                                                                                        | 1.2639                | 2.62     |
| 561-1     | POSTPARTUM AND POST ABORTION DIAGNOSES WITHOUT PROCEDURE                                                                                                                                | 0.3357                | 2.60     |
| 561-2     | POSTPARTUM AND POST ABORTION DIAGNOSES WITHOUT PROCEDURE                                                                                                                                | 0.4028                | 2.60     |
| 561-3     | POSTPARTUM AND POST ABORTION DIAGNOSES WITHOUT PROCEDURE                                                                                                                                | 0.5480                | 2.60     |
| 561-4     | POSTPARTUM AND POST ABORTION DIAGNOSES WITHOUT PROCEDURE                                                                                                                                | 1.0929                | 2.60     |
| 564-1     | ABORTION WITHOUT D&C, ASPIRATION CURETTAGE OR HYSTEROTOMY                                                                                                                               | 0.3874                | 1.95     |
| 564-2     | ABORTION WITHOUT D&C, ASPIRATION CURETTAGE OR HYSTEROTOMY                                                                                                                               | 0.4000                | 1.95     |
| 564-3     | ABORTION WITHOUT D&C, ASPIRATION CURETTAGE OR HYSTEROTOMY                                                                                                                               | 0.6822                | 1.95     |
| 564-4     | ABORTION WITHOUT D&C, ASPIRATION CURETTAGE OR HYSTEROTOMY                                                                                                                               | 1.5398                | 1.95     |
| 566-1     | ANTEPARTUM WITHOUT O.R. PROCEDURE                                                                                                                                                       | 0.2968                | 3.00     |
| 566-2     | ANTEPARTUM WITHOUT O.R. PROCEDURE                                                                                                                                                       | 0.4214                | 3.00     |
| 566-3     | ANTEPARTUM WITHOUT O.R. PROCEDURE                                                                                                                                                       | 0.7497                | 3.00     |
| 566-4     | ANTEPARTUM WITHOUT O.R. PROCEDURE                                                                                                                                                       | 1.2486                | 3.00     |
| 580-1     | NEONATE, TRANSFERRED < 5 DAYS OLD, NOT BORN HERE                                                                                                                                        | 0.4079                | 1.81     |
| 580-2     | NEONATE, TRANSFERRED < 5 DAYS OLD, NOT BORN HERE                                                                                                                                        | 0.4657                | 1.81     |
| 580-3     | NEONATE, TRANSFERRED < 5 DAYS OLD, NOT BORN HERE                                                                                                                                        | 0.6567                | 1.81     |
| 580-4     | NEONATE, TRANSFERRED < 5 DAYS OLD, NOT BORN HERE                                                                                                                                        | 1.0865                | 1.81     |
| 581-1     | NEONATE, TRANSFERRED < 5 DAYS OLD, BORN HERE                                                                                                                                            | 0.1927                | 1.42     |
| 581-2     | NEONATE, TRANSFERRED < 5 DAYS OLD, BORN HERE                                                                                                                                            | 0.2025                | 1.42     |
| 581-3     | NEONATE, TRANSFERRED < 5 DAYS OLD, BORN HERE                                                                                                                                            | 0.2026                | 1.42     |
| 581-4     | NEONATE, TRANSFERRED < 5 DAYS OLD, BORN HERE                                                                                                                                            | 0.3670                | 1.42     |
| 583-1     | NEONATE WITH ECMO                                                                                                                                                                       | 14.9921               | 29.50    |
| 583-2     | NEONATE WITH ECMO                                                                                                                                                                       | 16.8560               | 29.50    |
| 583-3     | NEONATE WITH ECMO                                                                                                                                                                       | 30.9218               | 29.50    |
| 583-4     | NEONATE WITH ECMO                                                                                                                                                                       | 32.1788               | 29.50    |
| 588-1     | NEONATE BIRTH WEIGHT < 1500 GRAMS WITH MAJOR PROCEDURE                                                                                                                                  | 8.0643                | 108.57   |
| 588-2     | NEONATE BIRTH WEIGHT < 1500 GRAMS WITH MAJOR PROCEDURE                                                                                                                                  | 11.6666               | 108.57   |
| 588-3     | NEONATE BIRTH WEIGHT < 1500 GRAMS WITH MAJOR PROCEDURE                                                                                                                                  | 19.3868               | 108.57   |
| 588-4     | NEONATE BIRTH WEIGHT < 1500 GRAMS WITH MAJOR PROCEDURE                                                                                                                                  | 30.6468               | 108.57   |
| 589-1     | NEONATE BIRTH WEIGHT < 500 GRAMS, OR BIRTH WEIGHT 500-999 GRAMS AND GESTATIONAL AGE <24 WEEKS, OR BIRTH WEIGHT 500-749 GRAMS WITH MAJOR ANOMALY OR WITHOUT LIFE SUSTAINING INTERVENTION | 10.5246               | 27.34    |
| 589-2     | NEONATE BIRTH WEIGHT < 500 GRAMS, OR BIRTH WEIGHT 500-999 GRAMS AND GESTATIONAL AGE <24 WEEKS, OR BIRTH WEIGHT 500-749 GRAMS WITH MAJOR ANOMALY OR WITHOUT LIFE SUSTAINING INTERVENTION | 8.1428                | 27.34    |

**Chart C**  
**Acute Hospital RY23 MassHealth DRG Weights and Mean All-Payer Lengths of Stay**  
**Commonwealth of Massachusetts**  
**Executive Office of Health and Human Services**  
**All Patient Refined - Diagnostic Related Group and Severity of Illness (APR-DRG)**  
**List of RY23 DRGs, MassHealth DRG Weights, and Mean All-Payer Length of Stay (Mean LOS)**

| DRG & SOI | DRG Description                                                                                                                                                                         | MassHealth DRG Weight | Mean LOS |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|----------|
| 589-3     | NEONATE BIRTH WEIGHT < 500 GRAMS, OR BIRTH WEIGHT 500-999 GRAMS AND GESTATIONAL AGE <24 WEEKS, OR BIRTH WEIGHT 500-749 GRAMS WITH MAJOR ANOMALY OR WITHOUT LIFE SUSTAINING INTERVENTION | 6.7552                | 27.34    |
| 589-4     | NEONATE BIRTH WEIGHT < 500 GRAMS, OR BIRTH WEIGHT 500-999 GRAMS AND GESTATIONAL AGE <24 WEEKS, OR BIRTH WEIGHT 500-749 GRAMS WITH MAJOR ANOMALY OR WITHOUT LIFE SUSTAINING INTERVENTION | 0.2023                | 27.34    |
| 591-1     | NEONATE BIRTH WEIGHT 500-749 GRAMS WITHOUT MAJOR PROCEDURE                                                                                                                              | 0.2671                | 74.95    |
| 591-2     | NEONATE BIRTH WEIGHT 500-749 GRAMS WITHOUT MAJOR PROCEDURE                                                                                                                              | 13.8843               | 74.95    |
| 591-3     | NEONATE BIRTH WEIGHT 500-749 GRAMS WITHOUT MAJOR PROCEDURE                                                                                                                              | 14.3668               | 74.95    |
| 591-4     | NEONATE BIRTH WEIGHT 500-749 GRAMS WITHOUT MAJOR PROCEDURE                                                                                                                              | 16.2750               | 74.95    |
| 593-1     | NEONATE BIRTH WEIGHT 750-999 GRAMS WITHOUT MAJOR PROCEDURE                                                                                                                              | 0.3757                | 62.41    |
| 593-2     | NEONATE BIRTH WEIGHT 750-999 GRAMS WITHOUT MAJOR PROCEDURE                                                                                                                              | 9.2202                | 62.41    |
| 593-3     | NEONATE BIRTH WEIGHT 750-999 GRAMS WITHOUT MAJOR PROCEDURE                                                                                                                              | 11.0278               | 62.41    |
| 593-4     | NEONATE BIRTH WEIGHT 750-999 GRAMS WITHOUT MAJOR PROCEDURE                                                                                                                              | 15.5755               | 62.41    |
| 602-1     | NEONATE BIRTH WEIGHT 1000-1249 GRAMS WITH RESPIRATORY DISTRESS SYNDROME OR OTHER MAJOR RESPIRATORY CONDITION OR MAJOR ANOMALY                                                           | 2.6535                | 53.48    |
| 602-2     | NEONATE BIRTH WEIGHT 1000-1249 GRAMS WITH RESPIRATORY DISTRESS SYNDROME OR OTHER MAJOR RESPIRATORY CONDITION OR MAJOR ANOMALY                                                           | 7.3931                | 53.48    |
| 602-3     | NEONATE BIRTH WEIGHT 1000-1249 GRAMS WITH RESPIRATORY DISTRESS SYNDROME OR OTHER MAJOR RESPIRATORY CONDITION OR MAJOR ANOMALY                                                           | 10.1151               | 53.48    |
| 602-4     | NEONATE BIRTH WEIGHT 1000-1249 GRAMS WITH RESPIRATORY DISTRESS SYNDROME OR OTHER MAJOR RESPIRATORY CONDITION OR MAJOR ANOMALY                                                           | 12.6182               | 53.48    |
| 603-1     | NEONATE BIRTH WEIGHT 1000-1249 GRAMS WITH OR WITHOUT SIGNIFICANT CONDITION                                                                                                              | 1.7948                | 39.25    |
| 603-2     | NEONATE BIRTH WEIGHT 1000-1249 GRAMS WITH OR WITHOUT SIGNIFICANT CONDITION                                                                                                              | 5.7139                | 39.25    |
| 603-3     | NEONATE BIRTH WEIGHT 1000-1249 GRAMS WITH OR WITHOUT SIGNIFICANT CONDITION                                                                                                              | 10.6469               | 39.25    |
| 603-4     | NEONATE BIRTH WEIGHT 1000-1249 GRAMS WITH OR WITHOUT SIGNIFICANT CONDITION                                                                                                              | 17.8553               | 39.25    |
| 607-1     | NEONATE BIRTH WEIGHT 1250-1499 GRAMS WITH RESPIRATORY DISTRESS SYNDROME OR OTHER MAJOR RESPIRATORY CONDITION OR MAJOR ANOMALY                                                           | 4.7609                | 41.75    |
| 607-2     | NEONATE BIRTH WEIGHT 1250-1499 GRAMS WITH RESPIRATORY DISTRESS SYNDROME OR OTHER MAJOR RESPIRATORY CONDITION OR MAJOR ANOMALY                                                           | 5.8621                | 41.75    |
| 607-3     | NEONATE BIRTH WEIGHT 1250-1499 GRAMS WITH RESPIRATORY DISTRESS SYNDROME OR OTHER MAJOR RESPIRATORY CONDITION OR MAJOR ANOMALY                                                           | 8.3747                | 41.75    |
| 607-4     | NEONATE BIRTH WEIGHT 1250-1499 GRAMS WITH RESPIRATORY DISTRESS SYNDROME OR OTHER MAJOR RESPIRATORY CONDITION OR MAJOR ANOMALY                                                           | 11.0146               | 41.75    |
| 608-1     | NEONATE BIRTH WEIGHT 1250-1499 GRAMS WITH OR WITHOUT SIGNIFICANT CONDITION                                                                                                              | 2.2479                | 25.30    |
| 608-2     | NEONATE BIRTH WEIGHT 1250-1499 GRAMS WITH OR WITHOUT SIGNIFICANT CONDITION                                                                                                              | 4.0081                | 25.30    |
| 608-3     | NEONATE BIRTH WEIGHT 1250-1499 GRAMS WITH OR WITHOUT SIGNIFICANT CONDITION                                                                                                              | 8.2992                | 25.30    |
| 608-4     | NEONATE BIRTH WEIGHT 1250-1499 GRAMS WITH OR WITHOUT SIGNIFICANT CONDITION                                                                                                              | 12.7040               | 25.30    |
| 609-1     | NEONATE BIRTH WEIGHT 1500-2499 GRAMS WITH MAJOR PROCEDURE                                                                                                                               | 2.0317                | 56.34    |
| 609-2     | NEONATE BIRTH WEIGHT 1500-2499 GRAMS WITH MAJOR PROCEDURE                                                                                                                               | 6.1666                | 56.34    |
| 609-3     | NEONATE BIRTH WEIGHT 1500-2499 GRAMS WITH MAJOR PROCEDURE                                                                                                                               | 10.3574               | 56.34    |
| 609-4     | NEONATE BIRTH WEIGHT 1500-2499 GRAMS WITH MAJOR PROCEDURE                                                                                                                               | 20.5534               | 56.34    |
| 611-1     | NEONATE BIRTH WEIGHT 1500-1999 GRAMS WITH MAJOR ANOMALY                                                                                                                                 | 1.8525                | 23.85    |
| 611-2     | NEONATE BIRTH WEIGHT 1500-1999 GRAMS WITH MAJOR ANOMALY                                                                                                                                 | 3.2657                | 23.85    |
| 611-3     | NEONATE BIRTH WEIGHT 1500-1999 GRAMS WITH MAJOR ANOMALY                                                                                                                                 | 5.0376                | 23.85    |
| 611-4     | NEONATE BIRTH WEIGHT 1500-1999 GRAMS WITH MAJOR ANOMALY                                                                                                                                 | 9.5939                | 23.85    |
| 612-1     | NEONATE BIRTH WEIGHT 1500-1999 GRAMS WITH RESPIRATORY DISTRESS SYNDROME OR OTHER MAJOR RESPIRATORY CONDITION                                                                            | 2.9154                | 27.04    |
| 612-2     | NEONATE BIRTH WEIGHT 1500-1999 GRAMS WITH RESPIRATORY DISTRESS SYNDROME OR OTHER MAJOR RESPIRATORY CONDITION                                                                            | 3.3688                | 27.04    |
| 612-3     | NEONATE BIRTH WEIGHT 1500-1999 GRAMS WITH RESPIRATORY DISTRESS SYNDROME OR OTHER MAJOR RESPIRATORY CONDITION                                                                            | 5.3545                | 27.04    |
| 612-4     | NEONATE BIRTH WEIGHT 1500-1999 GRAMS WITH RESPIRATORY DISTRESS SYNDROME OR OTHER MAJOR RESPIRATORY CONDITION                                                                            | 9.0186                | 27.04    |
| 613-1     | NEONATE BIRTH WEIGHT 1500-1999 GRAMS WITH CONGENITAL OR PERINATAL INFECTION                                                                                                             | 2.5141                | 14.10    |
| 613-2     | NEONATE BIRTH WEIGHT 1500-1999 GRAMS WITH CONGENITAL OR PERINATAL INFECTION                                                                                                             | 3.9378                | 14.10    |
| 613-3     | NEONATE BIRTH WEIGHT 1500-1999 GRAMS WITH CONGENITAL OR PERINATAL INFECTION                                                                                                             | 6.7698                | 14.10    |
| 613-4     | NEONATE BIRTH WEIGHT 1500-1999 GRAMS WITH CONGENITAL OR PERINATAL INFECTION                                                                                                             | 8.8268                | 14.10    |
| 614-1     | NEONATE BIRTH WEIGHT 1500-1999 GRAMS WITH OR WITHOUT OTHER SIGNIFICANT CONDITION                                                                                                        | 1.4101                | 14.31    |
| 614-2     | NEONATE BIRTH WEIGHT 1500-1999 GRAMS WITH OR WITHOUT OTHER SIGNIFICANT CONDITION                                                                                                        | 2.3756                | 14.31    |
| 614-3     | NEONATE BIRTH WEIGHT 1500-1999 GRAMS WITH OR WITHOUT OTHER SIGNIFICANT CONDITION                                                                                                        | 5.2627                | 14.31    |
| 614-4     | NEONATE BIRTH WEIGHT 1500-1999 GRAMS WITH OR WITHOUT OTHER SIGNIFICANT CONDITION                                                                                                        | 7.9508                | 14.31    |
| 621-1     | NEONATE BIRTH WEIGHT 2000-2499 GRAMS WITH MAJOR ANOMALY                                                                                                                                 | 0.7229                | 14.38    |
| 621-2     | NEONATE BIRTH WEIGHT 2000-2499 GRAMS WITH MAJOR ANOMALY                                                                                                                                 | 1.9501                | 14.38    |
| 621-3     | NEONATE BIRTH WEIGHT 2000-2499 GRAMS WITH MAJOR ANOMALY                                                                                                                                 | 4.5358                | 14.38    |
| 621-4     | NEONATE BIRTH WEIGHT 2000-2499 GRAMS WITH MAJOR ANOMALY                                                                                                                                 | 8.8519                | 14.38    |
| 622-1     | NEONATE BIRTH WEIGHT 2000-2499 GRAMS WITH RESPIRATORY DISTRESS SYNDROME OR OTHER MAJOR RESPIRATORY CONDITION                                                                            | 1.7003                | 16.59    |
| 622-2     | NEONATE BIRTH WEIGHT 2000-2499 GRAMS WITH RESPIRATORY DISTRESS SYNDROME OR OTHER MAJOR RESPIRATORY CONDITION                                                                            | 2.2648                | 16.59    |
| 622-3     | NEONATE BIRTH WEIGHT 2000-2499 GRAMS WITH RESPIRATORY DISTRESS SYNDROME OR OTHER MAJOR RESPIRATORY CONDITION                                                                            | 3.1365                | 16.59    |
| 622-4     | NEONATE BIRTH WEIGHT 2000-2499 GRAMS WITH RESPIRATORY DISTRESS SYNDROME OR OTHER MAJOR RESPIRATORY CONDITION                                                                            | 6.4057                | 16.59    |
| 623-1     | NEONATE BIRTH WEIGHT 2000-2499 GRAMS WITH CONGENITAL OR PERINATAL INFECTION                                                                                                             | 1.0748                | 7.67     |
| 623-2     | NEONATE BIRTH WEIGHT 2000-2499 GRAMS WITH CONGENITAL OR PERINATAL INFECTION                                                                                                             | 2.2179                | 7.67     |
| 623-3     | NEONATE BIRTH WEIGHT 2000-2499 GRAMS WITH CONGENITAL OR PERINATAL INFECTION                                                                                                             | 4.2161                | 7.67     |
| 623-4     | NEONATE BIRTH WEIGHT 2000-2499 GRAMS WITH CONGENITAL OR PERINATAL INFECTION                                                                                                             | 5.0664                | 7.67     |
| 625-1     | NEONATE BIRTH WEIGHT 2000-2499 GRAMS WITH OTHER SIGNIFICANT CONDITION                                                                                                                   | 1.5154                | 13.56    |
| 625-2     | NEONATE BIRTH WEIGHT 2000-2499 GRAMS WITH OTHER SIGNIFICANT CONDITION                                                                                                                   | 2.1674                | 13.56    |
| 625-3     | NEONATE BIRTH WEIGHT 2000-2499 GRAMS WITH OTHER SIGNIFICANT CONDITION                                                                                                                   | 3.9977                | 13.56    |
| 625-4     | NEONATE BIRTH WEIGHT 2000-2499 GRAMS WITH OTHER SIGNIFICANT CONDITION                                                                                                                   | 6.6233                | 13.56    |
| 626-1     | NEONATE BIRTH WEIGHT 2000-2499 GRAMS, NORMAL NEWBORN OR NEONATE WITH OTHER PROBLEM                                                                                                      | 0.2498                | 4.36     |
| 626-2     | NEONATE BIRTH WEIGHT 2000-2499 GRAMS, NORMAL NEWBORN OR NEONATE WITH OTHER PROBLEM                                                                                                      | 0.2977                | 4.36     |
| 626-3     | NEONATE BIRTH WEIGHT 2000-2499 GRAMS, NORMAL NEWBORN OR NEONATE WITH OTHER PROBLEM                                                                                                      | 0.7084                | 4.36     |
| 626-4     | NEONATE BIRTH WEIGHT 2000-2499 GRAMS, NORMAL NEWBORN OR NEONATE WITH OTHER PROBLEM                                                                                                      | 3.6490                | 4.36     |
| 630-1     | NEONATE BIRTH WEIGHT > 2499 GRAMS WITH MAJOR CARDIOVASCULAR PROCEDURE                                                                                                                   | 3.1239                | 30.98    |
| 630-2     | NEONATE BIRTH WEIGHT > 2499 GRAMS WITH MAJOR CARDIOVASCULAR PROCEDURE                                                                                                                   | 4.6345                | 30.98    |
| 630-3     | NEONATE BIRTH WEIGHT > 2499 GRAMS WITH MAJOR CARDIOVASCULAR PROCEDURE                                                                                                                   | 10.1973               | 30.98    |
| 630-4     | NEONATE BIRTH WEIGHT > 2499 GRAMS WITH MAJOR CARDIOVASCULAR PROCEDURE                                                                                                                   | 19.0558               | 30.98    |

**Chart C**  
**Acute Hospital RY23 MassHealth DRG Weights and Mean All-Payer Lengths of Stay**  
**Commonwealth of Massachusetts**  
**Executive Office of Health and Human Services**  
**All Patient Refined - Diagnostic Related Group and Severity of Illness (APR-DRG)**  
**List of RY23 DRGs, MassHealth DRG Weights, and Mean All-Payer Length of Stay (Mean LOS)**

| DRG & SOI | DRG Description                                                                                           | MassHealth<br>DRG Weight | Mean LOS |
|-----------|-----------------------------------------------------------------------------------------------------------|--------------------------|----------|
| 631-1     | NEONATE BIRTH WEIGHT > 2499 GRAMS WITH OTHER MAJOR PROCEDURE                                              | 1.8102                   | 33.79    |
| 631-2     | NEONATE BIRTH WEIGHT > 2499 GRAMS WITH OTHER MAJOR PROCEDURE                                              | 3.3025                   | 33.79    |
| 631-3     | NEONATE BIRTH WEIGHT > 2499 GRAMS WITH OTHER MAJOR PROCEDURE                                              | 5.4955                   | 33.79    |
| 631-4     | NEONATE BIRTH WEIGHT > 2499 GRAMS WITH OTHER MAJOR PROCEDURE                                              | 21.3616                  | 33.79    |
| 633-1     | NEONATE BIRTH WEIGHT > 2499 GRAMS WITH MAJOR ANOMALY                                                      | 0.3082                   | 6.96     |
| 633-2     | NEONATE BIRTH WEIGHT > 2499 GRAMS WITH MAJOR ANOMALY                                                      | 1.2799                   | 6.96     |
| 633-3     | NEONATE BIRTH WEIGHT > 2499 GRAMS WITH MAJOR ANOMALY                                                      | 4.4504                   | 6.96     |
| 633-4     | NEONATE BIRTH WEIGHT > 2499 GRAMS WITH MAJOR ANOMALY                                                      | 6.8185                   | 6.96     |
| 634-1     | NEONATE BIRTH WEIGHT > 2499 GRAMS WITH RESPIRATORY DISTRESS SYNDROME OR OTHER MAJOR RESPIRATORY CONDITION | 0.7403                   | 8.83     |
| 634-2     | NEONATE BIRTH WEIGHT > 2499 GRAMS WITH RESPIRATORY DISTRESS SYNDROME OR OTHER MAJOR RESPIRATORY CONDITION | 1.4348                   | 8.83     |
| 634-3     | NEONATE BIRTH WEIGHT > 2499 GRAMS WITH RESPIRATORY DISTRESS SYNDROME OR OTHER MAJOR RESPIRATORY CONDITION | 1.8790                   | 8.83     |
| 634-4     | NEONATE BIRTH WEIGHT > 2499 GRAMS WITH RESPIRATORY DISTRESS SYNDROME OR OTHER MAJOR RESPIRATORY CONDITION | 4.5068                   | 8.83     |
| 636-1     | NEONATE BIRTH WEIGHT > 2499 GRAMS WITH CONGENITAL OR PERINATAL INFECTION                                  | 0.4809                   | 7.12     |
| 636-2     | NEONATE BIRTH WEIGHT > 2499 GRAMS WITH CONGENITAL OR PERINATAL INFECTION                                  | 1.3290                   | 7.12     |
| 636-3     | NEONATE BIRTH WEIGHT > 2499 GRAMS WITH CONGENITAL OR PERINATAL INFECTION                                  | 2.4885                   | 7.12     |
| 636-4     | NEONATE BIRTH WEIGHT > 2499 GRAMS WITH CONGENITAL OR PERINATAL INFECTION                                  | 4.1797                   | 7.12     |
| 639-1     | NEONATE BIRTH WEIGHT > 2499 GRAMS WITH OTHER SIGNIFICANT CONDITION                                        | 0.6747                   | 7.06     |
| 639-2     | NEONATE BIRTH WEIGHT > 2499 GRAMS WITH OTHER SIGNIFICANT CONDITION                                        | 1.3391                   | 7.06     |
| 639-3     | NEONATE BIRTH WEIGHT > 2499 GRAMS WITH OTHER SIGNIFICANT CONDITION                                        | 1.7585                   | 7.06     |
| 639-4     | NEONATE BIRTH WEIGHT > 2499 GRAMS WITH OTHER SIGNIFICANT CONDITION                                        | 3.3469                   | 7.06     |
| 640-1     | NEONATE BIRTH WEIGHT > 2499 GRAMS, NORMAL NEWBORN OR NEONATE WITH OTHER PROBLEM                           | 0.1593                   | 2.56     |
| 640-2     | NEONATE BIRTH WEIGHT > 2499 GRAMS, NORMAL NEWBORN OR NEONATE WITH OTHER PROBLEM                           | 0.1937                   | 2.56     |
| 640-3     | NEONATE BIRTH WEIGHT > 2499 GRAMS, NORMAL NEWBORN OR NEONATE WITH OTHER PROBLEM                           | 0.3535                   | 2.56     |
| 640-4     | NEONATE BIRTH WEIGHT > 2499 GRAMS, NORMAL NEWBORN OR NEONATE WITH OTHER PROBLEM                           | 3.2997                   | 2.56     |
| 650-1     | SPLENECTOMY                                                                                               | 1.1880                   | 5.81     |
| 650-2     | SPLENECTOMY                                                                                               | 1.7976                   | 5.81     |
| 650-3     | SPLENECTOMY                                                                                               | 3.1636                   | 5.81     |
| 650-4     | SPLENECTOMY                                                                                               | 4.7337                   | 5.81     |
| 651-1     | OTHER PROCEDURES OF BLOOD AND BLOOD-FORMING ORGANS                                                        | 0.9357                   | 5.10     |
| 651-2     | OTHER PROCEDURES OF BLOOD AND BLOOD-FORMING ORGANS                                                        | 1.2440                   | 5.10     |
| 651-3     | OTHER PROCEDURES OF BLOOD AND BLOOD-FORMING ORGANS                                                        | 2.6038                   | 5.10     |
| 651-4     | OTHER PROCEDURES OF BLOOD AND BLOOD-FORMING ORGANS                                                        | 7.1116                   | 5.10     |
| 660-1     | MAJOR HEMATOLOGIC OR IMMUNOLOGIC DIAGNOSES EXCEPT SICKLE CELL CRISIS AND COAGULATION                      | 0.8450                   | 5.94     |
| 660-2     | MAJOR HEMATOLOGIC OR IMMUNOLOGIC DIAGNOSES EXCEPT SICKLE CELL CRISIS AND COAGULATION                      | 0.9684                   | 5.94     |
| 660-3     | MAJOR HEMATOLOGIC OR IMMUNOLOGIC DIAGNOSES EXCEPT SICKLE CELL CRISIS AND COAGULATION                      | 1.3731                   | 5.94     |
| 660-4     | MAJOR HEMATOLOGIC OR IMMUNOLOGIC DIAGNOSES EXCEPT SICKLE CELL CRISIS AND COAGULATION                      | 3.7799                   | 5.94     |
| 661-1     | COAGULATION AND PLATELET DISORDERS                                                                        | 0.7709                   | 4.56     |
| 661-2     | COAGULATION AND PLATELET DISORDERS                                                                        | 0.9096                   | 4.56     |
| 661-3     | COAGULATION AND PLATELET DISORDERS                                                                        | 1.4179                   | 4.56     |
| 661-4     | COAGULATION AND PLATELET DISORDERS                                                                        | 2.9976                   | 4.56     |
| 662-1     | SICKLE CELL ANEMIA CRISIS                                                                                 | 0.5950                   | 5.41     |
| 662-2     | SICKLE CELL ANEMIA CRISIS                                                                                 | 0.8237                   | 5.41     |
| 662-3     | SICKLE CELL ANEMIA CRISIS                                                                                 | 1.0553                   | 5.41     |
| 662-4     | SICKLE CELL ANEMIA CRISIS                                                                                 | 2.3957                   | 5.41     |
| 663-1     | OTHER ANEMIA AND DISORDERS OF BLOOD AND BLOOD-FORMING ORGANS                                              | 0.4377                   | 3.35     |
| 663-2     | OTHER ANEMIA AND DISORDERS OF BLOOD AND BLOOD-FORMING ORGANS                                              | 0.5430                   | 3.35     |
| 663-3     | OTHER ANEMIA AND DISORDERS OF BLOOD AND BLOOD-FORMING ORGANS                                              | 0.7728                   | 3.35     |
| 663-4     | OTHER ANEMIA AND DISORDERS OF BLOOD AND BLOOD-FORMING ORGANS                                              | 1.4045                   | 3.35     |
| 680-1     | MAJOR O.R. PROCEDURES FOR LYMPHATIC, HEMATOPOIETIC OR OTHER NEOPLASMS                                     | 1.2918                   | 9.31     |
| 680-2     | MAJOR O.R. PROCEDURES FOR LYMPHATIC, HEMATOPOIETIC OR OTHER NEOPLASMS                                     | 1.8831                   | 9.31     |
| 680-3     | MAJOR O.R. PROCEDURES FOR LYMPHATIC, HEMATOPOIETIC OR OTHER NEOPLASMS                                     | 3.4283                   | 9.31     |
| 680-4     | MAJOR O.R. PROCEDURES FOR LYMPHATIC, HEMATOPOIETIC OR OTHER NEOPLASMS                                     | 7.3259                   | 9.31     |
| 681-1     | OTHER O.R. PROCEDURES FOR LYMPHATIC, HEMATOPOIETIC OR OTHER NEOPLASMS                                     | 1.0103                   | 9.43     |
| 681-2     | OTHER O.R. PROCEDURES FOR LYMPHATIC, HEMATOPOIETIC OR OTHER NEOPLASMS                                     | 1.3868                   | 9.43     |
| 681-3     | OTHER O.R. PROCEDURES FOR LYMPHATIC, HEMATOPOIETIC OR OTHER NEOPLASMS                                     | 3.2577                   | 9.43     |
| 681-4     | OTHER O.R. PROCEDURES FOR LYMPHATIC, HEMATOPOIETIC OR OTHER NEOPLASMS                                     | 7.7303                   | 9.43     |
| 690-1     | ACUTE LEUKEMIA                                                                                            | 1.7698                   | 19.62    |
| 690-2     | ACUTE LEUKEMIA                                                                                            | 2.5302                   | 19.62    |
| 690-3     | ACUTE LEUKEMIA                                                                                            | 4.9255                   | 19.62    |
| 690-4     | ACUTE LEUKEMIA                                                                                            | 7.9102                   | 19.62    |
| 691-1     | LYMPHOMA, MYELOMA AND NON-ACUTE LEUKEMIA                                                                  | 0.7815                   | 8.64     |
| 691-2     | LYMPHOMA, MYELOMA AND NON-ACUTE LEUKEMIA                                                                  | 1.0762                   | 8.64     |
| 691-3     | LYMPHOMA, MYELOMA AND NON-ACUTE LEUKEMIA                                                                  | 1.8765                   | 8.64     |
| 691-4     | LYMPHOMA, MYELOMA AND NON-ACUTE LEUKEMIA                                                                  | 4.1137                   | 8.64     |
| 692-1     | RADIOTHERAPY                                                                                              | 0.9941                   | 9.81     |
| 692-2     | RADIOTHERAPY                                                                                              | 1.5410                   | 9.81     |
| 692-3     | RADIOTHERAPY                                                                                              | 2.7725                   | 9.81     |
| 692-4     | RADIOTHERAPY                                                                                              | 4.0182                   | 9.81     |
| 694-1     | LYMPHATIC AND OTHER MALIGNANCIES AND NEOPLASMS OF UNCERTAIN BEHAVIOR                                      | 0.5719                   | 6.24     |
| 694-2     | LYMPHATIC AND OTHER MALIGNANCIES AND NEOPLASMS OF UNCERTAIN BEHAVIOR                                      | 0.7556                   | 6.24     |
| 694-3     | LYMPHATIC AND OTHER MALIGNANCIES AND NEOPLASMS OF UNCERTAIN BEHAVIOR                                      | 1.1528                   | 6.24     |
| 694-4     | LYMPHATIC AND OTHER MALIGNANCIES AND NEOPLASMS OF UNCERTAIN BEHAVIOR                                      | 2.2650                   | 6.24     |
| 695-1     | CHEMOTHERAPY FOR ACUTE LEUKEMIA                                                                           | 0.9228                   | 10.81    |
| 695-2     | CHEMOTHERAPY FOR ACUTE LEUKEMIA                                                                           | 1.1936                   | 10.81    |
| 695-3     | CHEMOTHERAPY FOR ACUTE LEUKEMIA                                                                           | 2.9294                   | 10.81    |
| 695-4     | CHEMOTHERAPY FOR ACUTE LEUKEMIA                                                                           | 4.9524                   | 10.81    |
| 696-1     | OTHER CHEMOTHERAPY                                                                                        | 0.6851                   | 4.16     |
| 696-2     | OTHER CHEMOTHERAPY                                                                                        | 0.8640                   | 4.16     |
| 696-3     | OTHER CHEMOTHERAPY                                                                                        | 1.5439                   | 4.16     |
| 696-4     | OTHER CHEMOTHERAPY                                                                                        | 3.0834                   | 4.16     |

Chart C  
Acute Hospital RY23 MassHealth DRG Weights and Mean All-Payer Lengths of Stay  
Commonwealth of Massachusetts  
Executive Office of Health and Human Services  
All Patient Refined - Diagnostic Related Group and Severity of Illness (APR-DRG)  
List of RY23 DRGs, MassHealth DRG Weights, and Mean All-Payer Length of Stay (Mean LOS)

| DRG & SOI | DRG Description                                                          | MassHealth<br>DRG Weight | Mean LOS |
|-----------|--------------------------------------------------------------------------|--------------------------|----------|
| 710-1     | INFECTIOUS AND PARASITIC DISEASES INCLUDING HIV WITH O.R. PROCEDURE      | 0.8090                   | 12.73    |
| 710-2     | INFECTIOUS AND PARASITIC DISEASES INCLUDING HIV WITH O.R. PROCEDURE      | 1.1637                   | 12.73    |
| 710-3     | INFECTIOUS AND PARASITIC DISEASES INCLUDING HIV WITH O.R. PROCEDURE      | 2.0105                   | 12.73    |
| 710-4     | INFECTIOUS AND PARASITIC DISEASES INCLUDING HIV WITH O.R. PROCEDURE      | 4.5066                   | 12.73    |
| 711-1     | POST-OPERATIVE, POST-TRAUMA, OTHER DEVICE INFECTIONS WITH O.R. PROCEDURE | 0.9924                   | 9.22     |
| 711-2     | POST-OPERATIVE, POST-TRAUMA, OTHER DEVICE INFECTIONS WITH O.R. PROCEDURE | 1.3108                   | 9.22     |
| 711-3     | POST-OPERATIVE, POST-TRAUMA, OTHER DEVICE INFECTIONS WITH O.R. PROCEDURE | 2.4008                   | 9.22     |
| 711-4     | POST-OPERATIVE, POST-TRAUMA, OTHER DEVICE INFECTIONS WITH O.R. PROCEDURE | 4.5076                   | 9.22     |
| 720-1     | SEPTICEMIA AND DISSEMINATED INFECTIONS                                   | 0.4244                   | 6.34     |
| 720-2     | SEPTICEMIA AND DISSEMINATED INFECTIONS                                   | 0.5789                   | 6.34     |
| 720-3     | SEPTICEMIA AND DISSEMINATED INFECTIONS                                   | 0.9013                   | 6.34     |
| 720-4     | SEPTICEMIA AND DISSEMINATED INFECTIONS                                   | 1.8724                   | 6.34     |
| 721-1     | POST-OPERATIVE, POST-TRAUMATIC, OTHER DEVICE INFECTIONS                  | 0.5227                   | 6.32     |
| 721-2     | POST-OPERATIVE, POST-TRAUMATIC, OTHER DEVICE INFECTIONS                  | 0.7011                   | 6.32     |
| 721-3     | POST-OPERATIVE, POST-TRAUMATIC, OTHER DEVICE INFECTIONS                  | 1.1706                   | 6.32     |
| 721-4     | POST-OPERATIVE, POST-TRAUMATIC, OTHER DEVICE INFECTIONS                  | 2.4180                   | 6.32     |
| 722-1     | FEVER AND INFLAMMATORY CONDITIONS                                        | 0.3575                   | 3.36     |
| 722-2     | FEVER AND INFLAMMATORY CONDITIONS                                        | 0.4954                   | 3.36     |
| 722-3     | FEVER AND INFLAMMATORY CONDITIONS                                        | 0.7625                   | 3.36     |
| 722-4     | FEVER AND INFLAMMATORY CONDITIONS                                        | 1.1796                   | 3.36     |
| 723-1     | VIRAL ILLNESS                                                            | 0.3712                   | 3.41     |
| 723-2     | VIRAL ILLNESS                                                            | 0.4709                   | 3.41     |
| 723-3     | VIRAL ILLNESS                                                            | 0.8115                   | 3.41     |
| 723-4     | VIRAL ILLNESS                                                            | 2.3489                   | 3.41     |
| 724-1     | OTHER INFECTIOUS AND PARASITIC DISEASES                                  | 0.5170                   | 4.55     |
| 724-2     | OTHER INFECTIOUS AND PARASITIC DISEASES                                  | 0.6221                   | 4.55     |
| 724-3     | OTHER INFECTIOUS AND PARASITIC DISEASES                                  | 0.9958                   | 4.55     |
| 724-4     | OTHER INFECTIOUS AND PARASITIC DISEASES                                  | 1.8642                   | 4.55     |
| 740-1     | MENTAL ILLNESS DIAGNOSIS WITH O.R. PROCEDURE                             | 1.4698                   | 17.34    |
| 740-2     | MENTAL ILLNESS DIAGNOSIS WITH O.R. PROCEDURE                             | 2.7679                   | 17.34    |
| 740-3     | MENTAL ILLNESS DIAGNOSIS WITH O.R. PROCEDURE                             | 4.2671                   | 17.34    |
| 740-4     | MENTAL ILLNESS DIAGNOSIS WITH O.R. PROCEDURE                             | 6.6734                   | 17.34    |
| 750-1     | SCHIZOPHRENIA                                                            | 1.2480                   | 16.69    |
| 750-2     | SCHIZOPHRENIA                                                            | 1.5653                   | 16.69    |
| 750-3     | SCHIZOPHRENIA                                                            | 2.4230                   | 16.69    |
| 750-4     | SCHIZOPHRENIA                                                            | 4.6168                   | 16.69    |
| 751-1     | MAJOR DEPRESSIVE DISORDERS AND OTHER OR UNSPECIFIED PSYCHOSES            | 0.6574                   | 9.60     |
| 751-2     | MAJOR DEPRESSIVE DISORDERS AND OTHER OR UNSPECIFIED PSYCHOSES            | 0.9118                   | 9.60     |
| 751-3     | MAJOR DEPRESSIVE DISORDERS AND OTHER OR UNSPECIFIED PSYCHOSES            | 1.6562                   | 9.60     |
| 751-4     | MAJOR DEPRESSIVE DISORDERS AND OTHER OR UNSPECIFIED PSYCHOSES            | 3.0317                   | 9.60     |
| 752-1     | DISORDERS OF PERSONALITY AND IMPULSE CONTROL                             | 0.4845                   | 7.68     |
| 752-2     | DISORDERS OF PERSONALITY AND IMPULSE CONTROL                             | 0.6758                   | 7.68     |
| 752-3     | DISORDERS OF PERSONALITY AND IMPULSE CONTROL                             | 2.4923                   | 7.68     |
| 752-4     | DISORDERS OF PERSONALITY AND IMPULSE CONTROL                             | 4.4741                   | 7.68     |
| 753-1     | BIPOLAR DISORDERS                                                        | 0.6593                   | 9.65     |
| 753-2     | BIPOLAR DISORDERS                                                        | 0.9995                   | 9.65     |
| 753-3     | BIPOLAR DISORDERS                                                        | 1.7570                   | 9.65     |
| 753-4     | BIPOLAR DISORDERS                                                        | 3.0248                   | 9.65     |
| 754-1     | DEPRESSION EXCEPT MAJOR DEPRESSIVE DISORDER                              | 0.5689                   | 6.94     |
| 754-2     | DEPRESSION EXCEPT MAJOR DEPRESSIVE DISORDER                              | 0.7312                   | 6.94     |
| 754-3     | DEPRESSION EXCEPT MAJOR DEPRESSIVE DISORDER                              | 1.1622                   | 6.94     |
| 754-4     | DEPRESSION EXCEPT MAJOR DEPRESSIVE DISORDER                              | 2.0971                   | 6.94     |
| 755-1     | ADJUSTMENT DISORDERS AND NEUROSES EXCEPT DEPRESSIVE DIAGNOSES            | 0.5934                   | 7.65     |
| 755-2     | ADJUSTMENT DISORDERS AND NEUROSES EXCEPT DEPRESSIVE DIAGNOSES            | 0.8901                   | 7.65     |
| 755-3     | ADJUSTMENT DISORDERS AND NEUROSES EXCEPT DEPRESSIVE DIAGNOSES            | 1.4284                   | 7.65     |
| 755-4     | ADJUSTMENT DISORDERS AND NEUROSES EXCEPT DEPRESSIVE DIAGNOSES            | 1.7497                   | 7.65     |
| 756-1     | ACUTE ANXIETY AND DELIRIUM STATES                                        | 0.5603                   | 5.50     |
| 756-2     | ACUTE ANXIETY AND DELIRIUM STATES                                        | 0.7117                   | 5.50     |
| 756-3     | ACUTE ANXIETY AND DELIRIUM STATES                                        | 0.7485                   | 5.50     |
| 756-4     | ACUTE ANXIETY AND DELIRIUM STATES                                        | 1.5471                   | 5.50     |
| 757-1     | ORGANIC MENTAL HEALTH DISTURBANCES                                       | 0.8285                   | 9.93     |
| 757-2     | ORGANIC MENTAL HEALTH DISTURBANCES                                       | 0.9459                   | 9.93     |
| 757-3     | ORGANIC MENTAL HEALTH DISTURBANCES                                       | 1.4357                   | 9.93     |
| 757-4     | ORGANIC MENTAL HEALTH DISTURBANCES                                       | 3.5240                   | 9.93     |
| 758-1     | BEHAVIORAL DISORDERS                                                     | 0.7373                   | 8.38     |
| 758-2     | BEHAVIORAL DISORDERS                                                     | 1.0267                   | 8.38     |
| 758-3     | BEHAVIORAL DISORDERS                                                     | 1.2574                   | 8.38     |
| 758-4     | BEHAVIORAL DISORDERS                                                     | 1.3051                   | 8.38     |
| 759-1     | EATING DISORDERS                                                         | 1.0238                   | 11.37    |
| 759-2     | EATING DISORDERS                                                         | 1.4102                   | 11.37    |
| 759-3     | EATING DISORDERS                                                         | 1.6890                   | 11.37    |
| 759-4     | EATING DISORDERS                                                         | 3.7355                   | 11.37    |
| 760-1     | OTHER MENTAL HEALTH DISORDERS                                            | 0.7388                   | 8.73     |
| 760-2     | OTHER MENTAL HEALTH DISORDERS                                            | 1.0989                   | 8.73     |
| 760-3     | OTHER MENTAL HEALTH DISORDERS                                            | 1.2449                   | 8.73     |
| 760-4     | OTHER MENTAL HEALTH DISORDERS                                            | 1.7040                   | 8.73     |
| 770-1     | DRUG AND ALCOHOL ABUSE OR DEPENDENCE, LEFT AGAINST MEDICAL ADVICE        | 0.2054                   | 2.44     |
| 770-2     | DRUG AND ALCOHOL ABUSE OR DEPENDENCE, LEFT AGAINST MEDICAL ADVICE        | 0.3071                   | 2.44     |
| 770-3     | DRUG AND ALCOHOL ABUSE OR DEPENDENCE, LEFT AGAINST MEDICAL ADVICE        | 0.5552                   | 2.44     |
| 770-4     | DRUG AND ALCOHOL ABUSE OR DEPENDENCE, LEFT AGAINST MEDICAL ADVICE        | 1.1288                   | 2.44     |

Chart C  
Acute Hospital RY23 MassHealth DRG Weights and Mean All-Payer Lengths of Stay  
Commonwealth of Massachusetts  
Executive Office of Health and Human Services  
All Patient Refined - Diagnostic Related Group and Severity of Illness (APR-DRG)  
List of RY23 DRGs, MassHealth DRG Weights, and Mean All-Payer Length of Stay (Mean LOS)

| DRG & SOI | DRG Description                                                                             | MassHealth<br>DRG Weight | Mean LOS |
|-----------|---------------------------------------------------------------------------------------------|--------------------------|----------|
| 772-1     | ALCOHOL AND DRUG DEPENDENCE WITH REHABILITATION AND/OR DETOXIFICATION THERAPY               | 0.4764                   | 4.84     |
| 772-2     | ALCOHOL AND DRUG DEPENDENCE WITH REHABILITATION AND/OR DETOXIFICATION THERAPY               | 0.5166                   | 4.84     |
| 772-3     | ALCOHOL AND DRUG DEPENDENCE WITH REHABILITATION AND/OR DETOXIFICATION THERAPY               | 0.6574                   | 4.84     |
| 772-4     | ALCOHOL AND DRUG DEPENDENCE WITH REHABILITATION AND/OR DETOXIFICATION THERAPY               | 2.5789                   | 4.84     |
| 773-1     | OPIOID ABUSE AND DEPENDENCE                                                                 | 0.3831                   | 6.30     |
| 773-2     | OPIOID ABUSE AND DEPENDENCE                                                                 | 0.4343                   | 6.30     |
| 773-3     | OPIOID ABUSE AND DEPENDENCE                                                                 | 0.8045                   | 6.30     |
| 773-4     | OPIOID ABUSE AND DEPENDENCE                                                                 | 2.1515                   | 6.30     |
| 774-1     | COCAINE ABUSE AND DEPENDENCE                                                                | 0.4284                   | 5.22     |
| 774-2     | COCAINE ABUSE AND DEPENDENCE                                                                | 0.4524                   | 5.22     |
| 774-3     | COCAINE ABUSE AND DEPENDENCE                                                                | 0.7611                   | 5.22     |
| 774-4     | COCAINE ABUSE AND DEPENDENCE                                                                | 1.7410                   | 5.22     |
| 775-1     | ALCOHOL ABUSE AND DEPENDENCE                                                                | 0.4245                   | 4.93     |
| 775-2     | ALCOHOL ABUSE AND DEPENDENCE                                                                | 0.5304                   | 4.93     |
| 775-3     | ALCOHOL ABUSE AND DEPENDENCE                                                                | 0.8415                   | 4.93     |
| 775-4     | ALCOHOL ABUSE AND DEPENDENCE                                                                | 1.9685                   | 4.93     |
| 776-1     | OTHER DRUG ABUSE AND DEPENDENCE                                                             | 0.5316                   | 5.03     |
| 776-2     | OTHER DRUG ABUSE AND DEPENDENCE                                                             | 0.5479                   | 5.03     |
| 776-3     | OTHER DRUG ABUSE AND DEPENDENCE                                                             | 1.0829                   | 5.03     |
| 776-4     | OTHER DRUG ABUSE AND DEPENDENCE                                                             | 1.7305                   | 5.03     |
| 792-1     | EXTENSIVE O.R. PROCEDURES FOR OTHER COMPLICATIONS OF TREATMENT                              | 1.1993                   | 10.15    |
| 792-2     | EXTENSIVE O.R. PROCEDURES FOR OTHER COMPLICATIONS OF TREATMENT                              | 1.7331                   | 10.15    |
| 792-3     | EXTENSIVE O.R. PROCEDURES FOR OTHER COMPLICATIONS OF TREATMENT                              | 2.7874                   | 10.15    |
| 792-4     | EXTENSIVE O.R. PROCEDURES FOR OTHER COMPLICATIONS OF TREATMENT                              | 5.6329                   | 10.15    |
| 793-1     | MODERATELY EXTENSIVE O.R. PROCEDURES FOR OTHER COMPLICATIONS OF TREATMENT                   | 0.8470                   | 6.42     |
| 793-2     | MODERATELY EXTENSIVE O.R. PROCEDURES FOR OTHER COMPLICATIONS OF TREATMENT                   | 1.2435                   | 6.42     |
| 793-3     | MODERATELY EXTENSIVE O.R. PROCEDURES FOR OTHER COMPLICATIONS OF TREATMENT                   | 1.8894                   | 6.42     |
| 793-4     | MODERATELY EXTENSIVE O.R. PROCEDURES FOR OTHER COMPLICATIONS OF TREATMENT                   | 4.4542                   | 6.42     |
| 794-1     | NON-EXTENSIVE O.R. PROCEDURES FOR OTHER COMPLICATIONS OF TREATMENT                          | 0.6684                   | 4.33     |
| 794-2     | NON-EXTENSIVE O.R. PROCEDURES FOR OTHER COMPLICATIONS OF TREATMENT                          | 0.8864                   | 4.33     |
| 794-3     | NON-EXTENSIVE O.R. PROCEDURES FOR OTHER COMPLICATIONS OF TREATMENT                          | 1.6037                   | 4.33     |
| 794-4     | NON-EXTENSIVE O.R. PROCEDURES FOR OTHER COMPLICATIONS OF TREATMENT                          | 3.3243                   | 4.33     |
| 810-1     | HEMORRHAGE OR HEMATOMA DUE TO COMPLICATION                                                  | 0.4600                   | 3.19     |
| 810-2     | HEMORRHAGE OR HEMATOMA DUE TO COMPLICATION                                                  | 0.6038                   | 3.19     |
| 810-3     | HEMORRHAGE OR HEMATOMA DUE TO COMPLICATION                                                  | 0.8984                   | 3.19     |
| 810-4     | HEMORRHAGE OR HEMATOMA DUE TO COMPLICATION                                                  | 2.2776                   | 3.19     |
| 811-1     | ALLERGIC REACTIONS                                                                          | 0.3354                   | 2.64     |
| 811-2     | ALLERGIC REACTIONS                                                                          | 0.4921                   | 2.64     |
| 811-3     | ALLERGIC REACTIONS                                                                          | 0.9205                   | 2.64     |
| 811-4     | ALLERGIC REACTIONS                                                                          | 1.6959                   | 2.64     |
| 812-1     | POISONING OF MEDICINAL AGENTS                                                               | 0.3183                   | 3.90     |
| 812-2     | POISONING OF MEDICINAL AGENTS                                                               | 0.4333                   | 3.90     |
| 812-3     | POISONING OF MEDICINAL AGENTS                                                               | 0.6650                   | 3.90     |
| 812-4     | POISONING OF MEDICINAL AGENTS                                                               | 1.2912                   | 3.90     |
| 813-1     | OTHER COMPLICATIONS OF TREATMENT                                                            | 0.5163                   | 4.49     |
| 813-2     | OTHER COMPLICATIONS OF TREATMENT                                                            | 0.6600                   | 4.49     |
| 813-3     | OTHER COMPLICATIONS OF TREATMENT                                                            | 0.9897                   | 4.49     |
| 813-4     | OTHER COMPLICATIONS OF TREATMENT                                                            | 2.2654                   | 4.49     |
| 815-1     | OTHER INJURY, POISONING AND TOXIC EFFECT DIAGNOSES                                          | 0.4978                   | 5.30     |
| 815-2     | OTHER INJURY, POISONING AND TOXIC EFFECT DIAGNOSES                                          | 0.7051                   | 5.30     |
| 815-3     | OTHER INJURY, POISONING AND TOXIC EFFECT DIAGNOSES                                          | 1.1538                   | 5.30     |
| 815-4     | OTHER INJURY, POISONING AND TOXIC EFFECT DIAGNOSES                                          | 1.6648                   | 5.30     |
| 816-1     | TOXIC EFFECTS OF NON-MEDICINAL SUBSTANCES                                                   | 0.3291                   | 3.84     |
| 816-2     | TOXIC EFFECTS OF NON-MEDICINAL SUBSTANCES                                                   | 0.4183                   | 3.84     |
| 816-3     | TOXIC EFFECTS OF NON-MEDICINAL SUBSTANCES                                                   | 0.5984                   | 3.84     |
| 816-4     | TOXIC EFFECTS OF NON-MEDICINAL SUBSTANCES                                                   | 1.3088                   | 3.84     |
| 817-1     | INTENTIONAL SELF-HARM AND ATTEMPTED SUICIDE                                                 | 0.4349                   | 4.47     |
| 817-2     | INTENTIONAL SELF-HARM AND ATTEMPTED SUICIDE                                                 | 0.5660                   | 4.47     |
| 817-3     | INTENTIONAL SELF-HARM AND ATTEMPTED SUICIDE                                                 | 0.8204                   | 4.47     |
| 817-4     | INTENTIONAL SELF-HARM AND ATTEMPTED SUICIDE                                                 | 1.6967                   | 4.47     |
| 841-1     | EXTENSIVE THIRD DEGREE BURNS WITH SKIN GRAFT                                                | 3.1415                   | 41.24    |
| 841-2     | EXTENSIVE THIRD DEGREE BURNS WITH SKIN GRAFT                                                | 3.5758                   | 41.24    |
| 841-3     | EXTENSIVE THIRD DEGREE BURNS WITH SKIN GRAFT                                                | 8.2304                   | 41.24    |
| 841-4     | EXTENSIVE THIRD DEGREE BURNS WITH SKIN GRAFT                                                | 24.1895                  | 41.24    |
| 842-1     | BURNS WITH SKIN GRAFT EXCEPT EXTENSIVE THIRD DEGREE BURNS                                   | 1.8887                   | 13.14    |
| 842-2     | BURNS WITH SKIN GRAFT EXCEPT EXTENSIVE THIRD DEGREE BURNS                                   | 1.9668                   | 13.14    |
| 842-3     | BURNS WITH SKIN GRAFT EXCEPT EXTENSIVE THIRD DEGREE BURNS                                   | 4.5009                   | 13.14    |
| 842-4     | BURNS WITH SKIN GRAFT EXCEPT EXTENSIVE THIRD DEGREE BURNS                                   | 14.2916                  | 13.14    |
| 843-1     | EXTENSIVE THIRD DEGREE BURNS WITHOUT SKIN GRAFT                                             | 0.6839                   | 4.76     |
| 843-2     | EXTENSIVE THIRD DEGREE BURNS WITHOUT SKIN GRAFT                                             | 0.8281                   | 4.76     |
| 843-3     | EXTENSIVE THIRD DEGREE BURNS WITHOUT SKIN GRAFT                                             | 1.0947                   | 4.76     |
| 843-4     | EXTENSIVE THIRD DEGREE BURNS WITHOUT SKIN GRAFT                                             | 3.2281                   | 4.76     |
| 844-1     | PARTIAL THICKNESS BURNS WITHOUT SKIN GRAFT                                                  | 0.6003                   | 4.00     |
| 844-2     | PARTIAL THICKNESS BURNS WITHOUT SKIN GRAFT                                                  | 0.6969                   | 4.00     |
| 844-3     | PARTIAL THICKNESS BURNS WITHOUT SKIN GRAFT                                                  | 1.2721                   | 4.00     |
| 844-4     | PARTIAL THICKNESS BURNS WITHOUT SKIN GRAFT                                                  | 2.6857                   | 4.00     |
| 850-1     | PROCEDURE WITH DIAGNOSIS OF REHABILITATION, AFTERCARE OR OTHER CONTACT WITH HEALTH SERVICES | 1.1573                   | 5.10     |
| 850-2     | PROCEDURE WITH DIAGNOSIS OF REHABILITATION, AFTERCARE OR OTHER CONTACT WITH HEALTH SERVICES | 1.8185                   | 5.10     |
| 850-3     | PROCEDURE WITH DIAGNOSIS OF REHABILITATION, AFTERCARE OR OTHER CONTACT WITH HEALTH SERVICES | 2.5567                   | 5.10     |
| 850-4     | PROCEDURE WITH DIAGNOSIS OF REHABILITATION, AFTERCARE OR OTHER CONTACT WITH HEALTH SERVICES | 6.5252                   | 5.10     |

**Chart C**  
**Acute Hospital RY23 MassHealth DRG Weights and Mean All-Payer Lengths of Stay**  
**Commonwealth of Massachusetts**  
**Executive Office of Health and Human Services**  
**All Patient Refined - Diagnostic Related Group and Severity of Illness (APR-DRG)**  
**List of RY23 DRGs, MassHealth DRG Weights, and Mean All-Payer Length of Stay (Mean LOS)**

| DRG & SOI | DRG Description                                                                  | MassHealth DRG Weight | Mean LOS |
|-----------|----------------------------------------------------------------------------------|-----------------------|----------|
| 860-1     | REHABILITATION                                                                   | 1.1219                | 13.38    |
| 860-2     | REHABILITATION                                                                   | 1.3103                | 13.38    |
| 860-3     | REHABILITATION                                                                   | 1.7143                | 13.38    |
| 860-4     | REHABILITATION                                                                   | 2.1873                | 13.38    |
| 861-1     | SIGNS, SYMPTOMS AND OTHER FACTORS INFLUENCING HEALTH STATUS                      | 0.3902                | 4.10     |
| 861-2     | SIGNS, SYMPTOMS AND OTHER FACTORS INFLUENCING HEALTH STATUS                      | 0.5657                | 4.10     |
| 861-3     | SIGNS, SYMPTOMS AND OTHER FACTORS INFLUENCING HEALTH STATUS                      | 0.8358                | 4.10     |
| 861-4     | SIGNS, SYMPTOMS AND OTHER FACTORS INFLUENCING HEALTH STATUS                      | 1.5434                | 4.10     |
| 862-1     | OTHER AFTERCARE AND CONVALESCENCE                                                | 0.3806                | 4.85     |
| 862-2     | OTHER AFTERCARE AND CONVALESCENCE                                                | 0.5431                | 4.85     |
| 862-3     | OTHER AFTERCARE AND CONVALESCENCE                                                | 0.6998                | 4.85     |
| 862-4     | OTHER AFTERCARE AND CONVALESCENCE                                                | 0.9056                | 4.85     |
| 863-1     | NEONATAL AFTERCARE                                                               | 1.3438                | 23.45    |
| 863-2     | NEONATAL AFTERCARE                                                               | 1.9328                | 23.45    |
| 863-3     | NEONATAL AFTERCARE                                                               | 3.5536                | 23.45    |
| 863-4     | NEONATAL AFTERCARE                                                               | 10.5020               | 23.45    |
| 890-1     | HIV WITH MULTIPLE MAJOR HIV RELATED CONDITIONS                                   | 1.0812                | 10.11    |
| 890-2     | HIV WITH MULTIPLE MAJOR HIV RELATED CONDITIONS                                   | 1.0837                | 10.11    |
| 890-3     | HIV WITH MULTIPLE MAJOR HIV RELATED CONDITIONS                                   | 1.6159                | 10.11    |
| 890-4     | HIV WITH MULTIPLE MAJOR HIV RELATED CONDITIONS                                   | 3.1004                | 10.11    |
| 892-1     | HIV WITH MAJOR HIV RELATED CONDITION                                             | 0.6312                | 7.13     |
| 892-2     | HIV WITH MAJOR HIV RELATED CONDITION                                             | 0.7907                | 7.13     |
| 892-3     | HIV WITH MAJOR HIV RELATED CONDITION                                             | 1.1675                | 7.13     |
| 892-4     | HIV WITH MAJOR HIV RELATED CONDITION                                             | 2.1798                | 7.13     |
| 893-1     | HIV WITH MULTIPLE SIGNIFICANT HIV RELATED CONDITIONS                             | 0.6199                | 4.37     |
| 893-2     | HIV WITH MULTIPLE SIGNIFICANT HIV RELATED CONDITIONS                             | 0.7901                | 4.37     |
| 893-3     | HIV WITH MULTIPLE SIGNIFICANT HIV RELATED CONDITIONS                             | 1.0942                | 4.37     |
| 893-4     | HIV WITH MULTIPLE SIGNIFICANT HIV RELATED CONDITIONS                             | 2.3649                | 4.37     |
| 894-1     | HIV WITH ONE SIGNIFICANT HIV CONDITION OR WITHOUT SIGNIFICANT RELATED CONDITIONS | 0.5908                | 3.87     |
| 894-2     | HIV WITH ONE SIGNIFICANT HIV CONDITION OR WITHOUT SIGNIFICANT RELATED CONDITIONS | 0.6779                | 3.87     |
| 894-3     | HIV WITH ONE SIGNIFICANT HIV CONDITION OR WITHOUT SIGNIFICANT RELATED CONDITIONS | 0.8630                | 3.87     |
| 894-4     | HIV WITH ONE SIGNIFICANT HIV CONDITION OR WITHOUT SIGNIFICANT RELATED CONDITIONS | 1.5785                | 3.87     |
| 910-1     | CRANIOTOMY FOR MULTIPLE SIGNIFICANT TRAUMA                                       | 2.9175                | 16.61    |
| 910-2     | CRANIOTOMY FOR MULTIPLE SIGNIFICANT TRAUMA                                       | 3.5284                | 16.61    |
| 910-3     | CRANIOTOMY FOR MULTIPLE SIGNIFICANT TRAUMA                                       | 4.7464                | 16.61    |
| 910-4     | CRANIOTOMY FOR MULTIPLE SIGNIFICANT TRAUMA                                       | 5.9234                | 16.61    |
| 911-1     | EXTENSIVE ABDOMINAL OR THORACIC PROCEDURES FOR MULTIPLE SIGNIFICANT TRAUMA       | 1.4792                | 11.04    |
| 911-2     | EXTENSIVE ABDOMINAL OR THORACIC PROCEDURES FOR MULTIPLE SIGNIFICANT TRAUMA       | 1.9699                | 11.04    |
| 911-3     | EXTENSIVE ABDOMINAL OR THORACIC PROCEDURES FOR MULTIPLE SIGNIFICANT TRAUMA       | 2.6335                | 11.04    |
| 911-4     | EXTENSIVE ABDOMINAL OR THORACIC PROCEDURES FOR MULTIPLE SIGNIFICANT TRAUMA       | 5.6151                | 11.04    |
| 912-1     | MUSCULOSKELETAL AND OTHER PROCEDURES FOR MULTIPLE SIGNIFICANT TRAUMA             | 1.8811                | 9.58     |
| 912-2     | MUSCULOSKELETAL AND OTHER PROCEDURES FOR MULTIPLE SIGNIFICANT TRAUMA             | 1.9981                | 9.58     |
| 912-3     | MUSCULOSKELETAL AND OTHER PROCEDURES FOR MULTIPLE SIGNIFICANT TRAUMA             | 2.6575                | 9.58     |
| 912-4     | MUSCULOSKELETAL AND OTHER PROCEDURES FOR MULTIPLE SIGNIFICANT TRAUMA             | 4.9901                | 9.58     |
| 930-1     | MULTIPLE SIGNIFICANT TRAUMA WITHOUT O.R. PROCEDURE                               | 0.6705                | 5.41     |
| 930-2     | MULTIPLE SIGNIFICANT TRAUMA WITHOUT O.R. PROCEDURE                               | 0.7762                | 5.41     |
| 930-3     | MULTIPLE SIGNIFICANT TRAUMA WITHOUT O.R. PROCEDURE                               | 1.1167                | 5.41     |
| 930-4     | MULTIPLE SIGNIFICANT TRAUMA WITHOUT O.R. PROCEDURE                               | 2.2489                | 5.41     |
| 950-1     | EXTENSIVE O.R. PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS                        | 1.2832                | 11.33    |
| 950-2     | EXTENSIVE O.R. PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS                        | 1.8863                | 11.33    |
| 950-3     | EXTENSIVE O.R. PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS                        | 2.9105                | 11.33    |
| 950-4     | EXTENSIVE O.R. PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS                        | 6.4562                | 11.33    |
| 951-1     | MODERATELY EXTENSIVE O.R. PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS             | 0.8886                | 9.17     |
| 951-2     | MODERATELY EXTENSIVE O.R. PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS             | 1.2867                | 9.17     |
| 951-3     | MODERATELY EXTENSIVE O.R. PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS             | 2.0264                | 9.17     |
| 951-4     | MODERATELY EXTENSIVE O.R. PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS             | 4.8734                | 9.17     |
| 952-1     | NON-EXTENSIVE O.R. PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS                    | 0.7024                | 8.00     |
| 952-2     | NON-EXTENSIVE O.R. PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS                    | 1.1412                | 8.00     |
| 952-3     | NON-EXTENSIVE O.R. PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS                    | 1.8702                | 8.00     |
| 952-4     | NON-EXTENSIVE O.R. PROCEDURE UNRELATED TO PRINCIPAL DIAGNOSIS                    | 4.9637                | 8.00     |
| 955-0     | PRINCIPAL DIAGNOSIS INVALID AS DISCHARGE DIAGNOSIS                               | -                     | -        |
| 956-0     | UNGROUPABLE                                                                      | -                     | -        |