

BRHPC

HEALTH & HUMAN SERVICE INNOVATIONS

MEDICAL SERVICES DRG DATA WAREHOUSE

healthdata.brhpc.org

The DRG Data Warehouse is a decision support tool for healthcare providers and planners. It allows you to quickly run customized reports by hospital medical services such as cardiology or orthopedics including DRG level detail by selected hospitals in your area using the Florida AHCA hospital inpatient database.

Medical Services/DRG Data Warehouse

View Reports (Please select below)

Medical Services/DRG: Show Totals

Districts/Groups/Centers

Medical Services: Cardiology, Cardiac Vascular Surgery, Dermatology, Drug & Alcohol Dependence, Endocrine, Metabolic Disorders, ENT, Head & Neck, Gastroenterology, Gynecology, HIV, Interventional Cardiology

Select Columns: Discharges (%), Avg LOS, Charges (\$), Avg Charge (\$), Avg LOS, Avg LOS, Avg LOS

Medical Services only DRG detail

Facility County: Public County

Year: 2009

Use Paging (Show 250 records per page)

Selected Columns: Core Change Book

Page: 1 of 1

Go

Medical Services/DRGs Database

Health Indicators Database

Hospital Inpatient Data

- Prevention Quality Indicators (Adults)
- Pediatric Quality Indicators (Children)
- Chronic Conditions
- Self Inflicted Injuries

Emergency Department Data

- Emergency Department (Preventable/Avoidable)
- Emergency Department (Acuity/Severity)

Health Indicators Database

Medical Facilities Utilization Reporting System

Please Login

Username: Password: Facilities Type: Login

The Medical Facilities Utilization Reporting System is an information and decision support tool for healthcare providers and planners. It allows you to quickly run customized reports on hospital utilization by bed type as well as other hospital based services such as surgery, ancillary procedures and emergency department visits. Comparison reports among hospitals in your community are also available.

Total Hospital Utilization

| Month | Bed Count | Avg Stay | Occupancy Rate | Number of Admissions | Patients Disch | Avg Length of Stay |
|----------|-----------|----------|----------------|----------------------|----------------|--------------------|
| January | 716 | 483.9 | 83.3% | 2,423 | 14,346 | 5.8 |
| February | 716 | 476.9 | 86.3% | 2,381 | 13,301 | 5.6 |
| March | 716 | 482.1 | 84.7% | 2,572 | 14,358 | 5.6 |
| April | 716 | 452.8 | 88.4% | 2,426 | 12,882 | 5.4 |
| May | 716 | 499.2 | 88.0% | 2,383 | 12,894 | 5.5 |
| June | 716 | 498.2 | 88.1% | 2,487 | 12,485 | 5.2 |
| July | 716 | 421.0 | 89.2% | 2,483 | 13,309 | 5.4 |

Medical Facilities Utilization Reporting Database

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| Districts/Groups/Counties | |
| Hospitals | |
| Medical Services | |
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| Select Columns | |
| Selected Columns: Count, Charges or Both toggle | |
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This *Medical Services DRG Data Warehouse Manual* and all future revisions:
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Data Sources

Florida AHCA Inpatient Discharge Data (Used by modules Prevention Quality Indicators, Chronic Conditions and Suicide Incidence)

Hospital Inpatient Discharge Data has been collected since 1988. Beginning with 1997 data, short term acute care psychiatric hospitals are included in the Hospital Detailed Patient Database. Beginning with 2006 data, long term psychiatric hospitals are included in the Hospital Detailed Patient Database.

For the Hospital Inpatient Discharge Data Layout & File Description, please visit (Look under "Data Dictionary"):

<http://www.floridahealthfinder.gov/Researchers/OrderData/order-data.aspx>

For more information concerning the collection of Hospital Inpatient Discharge Data, please visit:

<http://ahca.myflorida.com/schs/2005-2009-Resources.shtml>

Definition

Diagnosis-related group (DRG): A system to classify hospital cases into one of approximately 500 groups, also referred to as DRGs, expected to have similar hospital resource use, developed for Medicare as part of the prospective payment system. DRGs are assigned by a "grouper" program based on ICD diagnoses, procedures, age, sex, discharge status, and the presence of complications or comorbidities. DRGs have been used in the US since 1983 to determine how much Medicare pays the hospital, since patients within each category are similar clinically and are expected to use the same level of hospital resources.

***See Appendix A & B for a list of all the Medical Services/DRGs.**

Getting Started

Using your assigned Username and Password, log in:

BRHPC
HEALTH & HUMAN SERVICE INNOVATIONS

Broward Regional Health Planning Council, Inc.
Medical Services / DRG Data Warehouse

Please Login

Username: Password:

The DRG Data Warehouse is a decision support tool for healthcare providers and planners. It allows you to quickly run customized reports by hospital, medical service, such as cardiology or orthopedics, including DRG level detail by selected hospitals in your area, using the

Upon logging in, the main screen is presented:

View Reports (Please select below)

Choose Report: Show Totals

Districts/Groups/Counties

- Elig Bend Health Council, Inc.
- Broward Regional Health Council, Inc.
- Health Planning Council of East Central Florida, Inc.
- Health Planning Council of Northeast Florida, Inc.
- Health Planning Council of South Florida, Inc.
- Health Planning Council of Southwest Florida, Inc.
- Health Planning Council of West Central Florida, Inc.
- Northwest Florida Health Council, Inc.
- Suncoast Health Council, Inc.
- Treasure Coast Health Council, Inc.
- WellFlorida Council, Inc.
- Groups -----
- Safety Net Hospital Alliance

Hospitals (For multiple selection hold **ctrl** key and click)

Select District or County...

Medical Services (Check All - Uncheck All)

- CARDIOLOGY
- CARDIO-VASCULAR SURGERY
- DELIVERY
- DERMATOLOGY
- DRUG & ALCOHOL DEPENDENCY
- ENDOCRINE, METABOLIC DISORDERS
- ENT/ORAL MAXILLARY
- GASTROENTEROLOGY
- GYNECOLOGY
- HIV
- INTERVENTION CARDIOLOGY

Select Columns (More Info)

- Discharges
- Discharges (%)
- Avg. LOS
- Charges (\$)
- Charges (%)
- Avg. Charge (\$)
- Age Categories -----
- (Age) 0-17
- (Age) 18-64
- (Age) 65+
- Payer Sources -----

Stratify by

- Medical Svcs:DRG
- Hospital
- Zipcode
- Physician
- Payer

Move Up
Move Down

Note: Select stratifiers above and move them in the desired order.

Medical Services only DRG detail

Order by:

Facility County Patient County

Year: Use Paging (Show 200 records per page)

Selected Columns: Count Charges Both

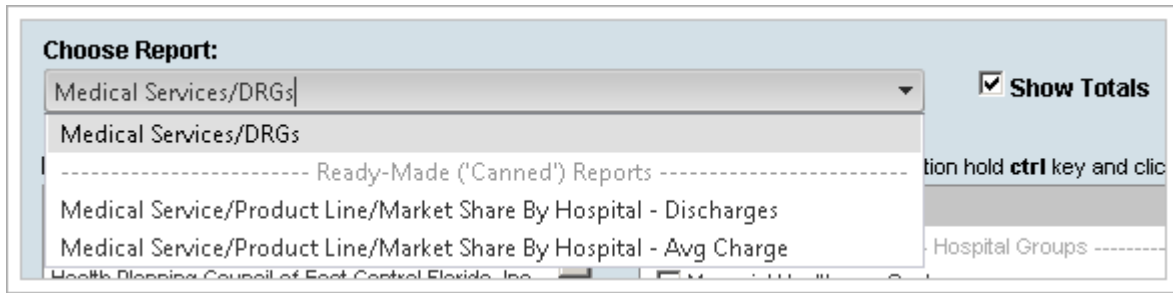
From: To:

Report Criteria

The report criteria screen (main screen) is used to generate the desired custom report. The main sections/selections of this screen are as follows:

- Choose Report (w/ Show Totals toggle)**
- Districts/Groups/Counties**
- Hospitals**
- Medical Services**
- Medical Services or DRG detail toggle**
- Select Columns**
- Selected Columns: Count, Charges or Both toggle**
- Stratify by**
- Facility County or Patient County toggle**
- Order By**
- Year/Qtr selection**
- Show Area-Level Rates**
- GIS Mapping & Graphing**

Choose Report (w/ Show Totals toggle)



Medical Services/DRGs (this is used for all custom reports)

The following are ready-made reports (the available selections are hospital(s) and date range)

- Medical Service/Product Line/Market Share By Hospital – Discharges
- Medical Service/Product Line/Market Share By Hospital - Avg Charge

Show Totals toggle: Hiding "Totals" from the report is useful for some Excel exports , facilitating some post-processing.

Districts/Groups/Counties & Hospitals

The screenshot shows a software interface with two main sections. The left section, titled "Districts/Groups/Counties", contains a list of health-related entities. The right section, titled "Hospitals (For multiple selection hold **ctrl** key and click) [Show Groups](#)", contains a list of hospitals with checkboxes for selection. The "Show Groups" link is active, displaying a breakdown of hospital groups.

| Districts/Groups/Counties | Hospitals |
|---|--|
| Big Bend Health Council, Inc. | <input checked="" type="checkbox"/> All |
| Broward Regional Health Council, Inc. | ----- Hospital Groups ----- |
| Health Planning Council of East Central Florida, Inc. | <input type="checkbox"/> Memorial Healthcare System |
| Health Planning Council of Northeast Florida, Inc. | <input type="checkbox"/> Broward Health |
| Health Planning Council of South Florida, Inc. | <input type="checkbox"/> HCA |
| Health Planning Council of Southwest Florida, Inc. | ----- Hospitals ----- |
| Health Planning Council of West Central Florida, Inc. | <input type="checkbox"/> Memorial Regional Hospital |
| Northwest Florida Health Council, Inc. | <input checked="" type="checkbox"/> Broward General Medical Center |
| Suncoast Health Council, Inc. | <input type="checkbox"/> Kindred Hospital - Hollywood |
| Treasure Coast Health Council, Inc. | <input type="checkbox"/> Cleveland Clinic Hospital |
| WellFlorida Council, Inc. | <input type="checkbox"/> Holy Cross Hospital |
| ----- Groups ----- | <input type="checkbox"/> North Broward Medical Center |
| Safety Net Hospital Alliance | |

Required: Must select from a list of Districts, Groups or Counties (this selection populates the Hospitals section)

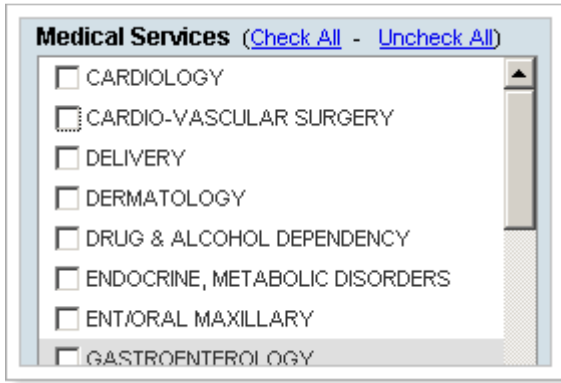
Hospitals section is populated according to the "Districts/Groups/Counties" selection. (Select "All", a "Group" or individual Hospitals)

Note: If the selected District/County has "Hospital Groups", the "Show Groups" option above the hospital list displays the breakdown of the available groups.

The screenshot shows a dialog box titled "Show Groups" with a close button (X) in the top right corner. The dialog lists hospital groups under three categories: Memorial Healthcare System, Broward Health, and HCA.

| Group | Hospital |
|-----------------------------------|--|
| Memorial Healthcare System | Memorial Regional Hospital South |
| | Memorial Hospital Pembroke |
| | Memorial Hospital West |
| | Memorial Hospital Miramar |
| Broward Health | Imperial Point Medical Center |
| | Broward General Medical Center |
| | North Broward Medical Center |
| HCA | Northwest Medical Center |
| | University Hospital And Medical Center |

Medical Services



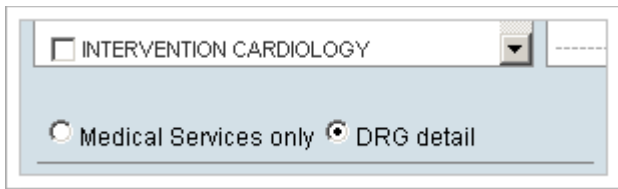
A screenshot of a web interface titled "Medical Services" with sub-links "(Check All)" and "(Uncheck All)". Below the title is a list of medical services, each with an unchecked checkbox:

- CARDIOLOGY
- CARDIO-VASCULAR SURGERY
- DELIVERY
- DERMATOLOGY
- DRUG & ALCOHOL DEPENDENCY
- ENDOCRINE, METABOLIC DISORDERS
- ENT/ORAL MAXILLARY
- GASTROENTEROLOGY

Select all or individual medical services.

Note: if no selections are made, the system will automatically select all medical services.

Medical Services or DRG detail toggle



A screenshot of a web interface showing a toggle control. At the top, there is a checkbox for "INTERVENTION CARDIOLOGY" which is unchecked. Below this, there are two radio buttons: "Medical Services only" (which is selected) and "DRG detail" (which is unselected).

Use this toggle to view all selected DRG detail or the Medical Services only.

*See Appendix B for a list of all the Medical Services/DRGs.

Select Columns

Required: At least one column needs to be selected.

Note: When selecting columns for 'Payer Sources', 'Gender', 'Admission Types' and/or 'Admission Sources' please note that Discharges or Charges can be reported. This is controlled by selecting Count, Charges or Both in the 'Selected Columns: Count, Charges or Both toggle' section.

The list of available columns:

| | |
|------------------|-------------------------------------|
| Discharges | Number of Discharges |
| Discharges (%) | Discharges (Percent) |
| Avg. LOS | Avg. Length of Stay |
| Charges (\$) | Charges (Dollar amount) |
| Charges (%) | Charges (Percent) |
| Avg. Charge (\$) | Avg. Charge (Average dollar amount) |

Age Categories

| | |
|-------------|-------|
| (Age) 0-17 | 0-17 |
| (Age) 18-39 | 18-39 |
| (Age) 40-64 | 40-64 |
| (Age) 65+ | 65+ |

Payer Sources

| | |
|------------------|------------------------------|
| Medicare | Medicare |
| Medicare HMO/PPO | Medicare HMO or Medicare PPO |
| Medicaid | Medicaid |
| Medicaid HMO | Medicaid HMO |
| Commercial | Commercial Insurance |
| Commercial HMO | Commercial HMO |
| Commercial PPO | Commercial PPO |

2008-2009 (Some data elements changed for 2010 AHCA data)

| | |
|------------------------|--|
| Workers Comp | Workers Compensation |
| CHAMPUS | CHAMPUS |
| VA | Veterans Administration |
| Other State/Local | Other State/Local Government |
| Self Pay/Under-insured | Self Pay/Under-insured (No 3rd party coverage or less than 30% estimated insurance coverage) |
| Other | Other |
| Charity | Charity |
| Kidcare | Kidcare (Includes Healthy Kids, Medikids, and Children's Medical Services) |

Payer Sources

Medicare
 Medicare HMO/PPO
 Medicaid
 Medicaid HMO
 Commercial
 Workers Comp
 TriCare/Fed Govt
 VA
 Other State/Local
 Self Pay/Under-insured

 Other
 Non-payment
 Kidcare
 Commercial Liability

2010+ (Some data elements changed for 2010 AHCA data)

Medicare
 Medicare HMO or Medicare PPO
 Medicaid
 Medicaid HMO
 Commercial Insurance
 Workers Compensation
 TriCare/Federal Government
 Veterans Administration
 Other State/Local Government
 Self Pay/Under-insured (No 3rd party coverage or less than 30% estimated insurance coverage)
 Other
 Non-payment
 Kidcare (Includes Healthy Kids, Medikids, and Children's Medical Services)
 Commercial Liability

Gender

| | |
|--------|--------|
| Male | Male |
| Female | Female |

Admission Types

| | |
|---------------|---------------|
| Emergency | Emergency |
| Urgent | Urgent |
| Elective | Elective |
| Newborn | Newborn |
| Trauma Center | Trauma Center |

Admission Sources

| | |
|---------------------|------------------------------|
| Physician Referral | Physician Referral |
| Clinic Referral | Clinic Referral |
| HMO Referral | HMO Referral |
| Xfer from Hospital | Transfer from Hospital |
| Xfer from SNF | Transfer from SNF |
| Xfer Other Facility | Transfer from other Facility |

2008-2009 (Some data elements changed for 2010 AHCA data)

ER
Court/Law
Info Not Available
Normal Delivery
Premature Delivery
Sick Baby
Extramural Birth
Other

ER
Court/Law
Info Not Available
Normal Delivery
Premature Delivery
Sick Baby
Extramural Birth
Other

Admission Sources

Physician Referral
Clinic Referral
Xfer from Hospital
Xfer from SNF
Xfer Other Facility
ER
Court/Law
Info Not Available
Xfer from same facility
Xfer from Amb facility
Xfer from hospice
Born inside hospital
Born outside hospital

2010+ (Some data elements changed for 2010 AHCA data)

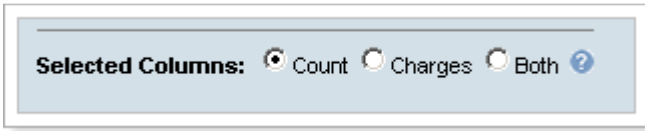
Physician Referral
Clinic Referral
Transfer from Hospital
Transfer from SNF
Transfer from other Facility
ER
Court/Law
Info Not Available
Transfer from same facility
Transfer from abulatory facility
Transfer from hospice
Born inside hospital
Born outside hospital

Race

White
Black
Hispanic
Asian/Pacific
Native American
Other

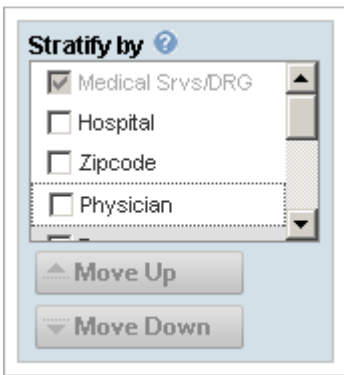
Other Races

Selected Columns: Count, Charges or Both toggle



When selecting columns for 'Payer Sources', 'Gender', 'Admission Types' and/or 'Admission Sources' in the 'Select Columns' section, note that Discharges, Charges or Both can be reported.

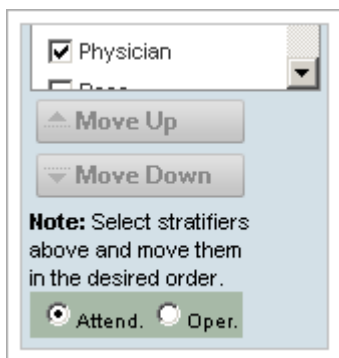
Stratify by



To select the order of stratification, highlight the item and then use the buttons ("Move Up" - "Move Down") to move the element to the desired position.

Note: (1) "Medical Svcs/DRG" is always selected. It is placed here to allow flexible stratification order. (2) If "Physician" is checked, 'Attending' or 'Operating' physician choice will be available.

- Attending Physician (Attend.): The Florida license number of the medical doctor, osteopathic physician, dentist, podiatrist, chiropractor, or advanced registered nurse practitioner who had primary responsibility for the patient's medical care and treatment or who certified as to the medical necessity of the services rendered.
- Operating or Performing Physician (Oper.): The Florida license number of the medical doctor, osteopathic physician, dentist, podiatrist, chiropractor, or advanced registered nurse practitioner who had primary responsibility for the principal procedure performed. The operating or performing physician may be the attending physician.

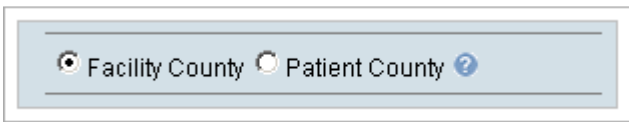


Note: when viewing reports, hitting the browsers "Back" button to navigate will reset your "Stratify By" selection.

The list of available stratifiers:

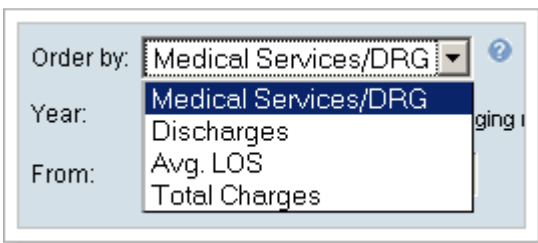
- Medical Srvs/DRG
- County (only available when "All of Florida" is selected in the "Districts/Groups/Counties" section)
- Hospital
- Zipcode
- Physician
- Age Category
- Payer Source
- Gender
- Admission Type
- Admission Source

Facility County or Patient County toggle



When selecting ALL hospitals in a District, County or All of Florida, the patient county of residence (Patient County) or the hospital county (Facility County) will be used.
Note: If selecting individual Hospitals or Groups then patient/facility county selection is ignored.


Order By



Use this section to order from high to low for the following columns:
Discharges
Avg. LOS
Total Charges

Note: (1) Ordering by "Medical Services/DRG" the system uses the standard alphanumeric ordering. (2) When ordering by "Discharges", "Avg. LOS" or "Total Charges" the "Show Totals toggle" selection will be ignored and totals will not be displayed.

Year/Qtr selection



A screenshot of a web form for selecting report parameters. It includes a 'Year' dropdown menu set to '2009', a 'From' dropdown menu set to 'Qtr 1', and a 'To' dropdown menu set to 'Qtr 4'. There is a checked checkbox for 'Use Paging (Show 200 records per page)' and a blue 'Go' button.

Select the Year and Qtr range for the report.

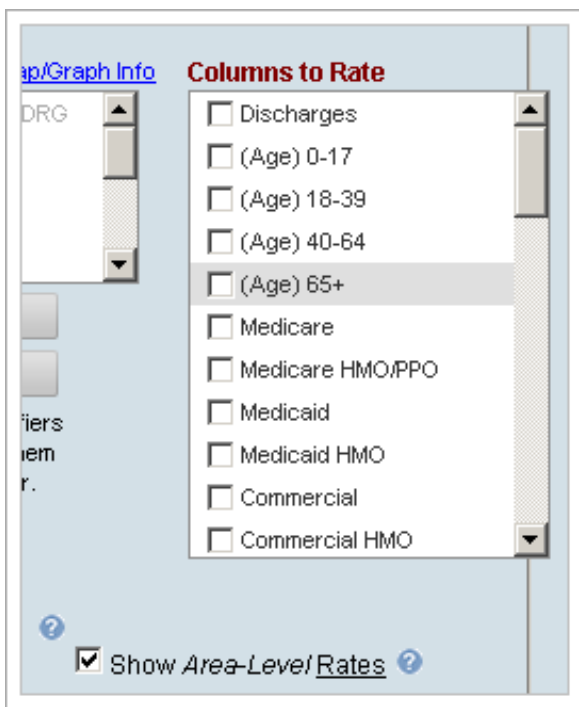
Note: for long reports, it is recommended to use the "Paging" option so as to facilitate the download of the generated report.

Show Area-Level Rates



A screenshot of a web form showing the 'Show Area-Level Rates' checkbox checked. Other visible elements include a 'twices/DRG' dropdown, a 'Use Paging (Show 200 records per page)' checkbox, and a 'To: Qtr 4' dropdown with a blue 'Go' button.

Selecting the "Show Area-Level Rates" checkbox will display the "Columns to Rate" list box.



A screenshot of a web interface showing a list box titled 'Columns to Rate'. The list contains several items with checkboxes: Discharges, (Age) 0-17, (Age) 18-39, (Age) 40-64, (Age) 65+, Medicare, Medicare HMO/PPO, Medicaid, Medicaid HMO, Commercial, and Commercial HMO. The 'Show Area-Level Rates' checkbox is checked at the bottom of the interface.

Area-Level Rates: displays the rate (per 100,000) of discharges per population* for the selected county/stratifiers. (Ex, a certain county has 500,000 residents and there are 20,000 discharges for Cardiology for a given year, the rate per 100,000 would be $(20,000/500,000)*100,000 = \underline{4,000}$ per 100,000.)

Note:

- Must select a **county** (*for population calculation*)
- Must select **"Count"** under **"Selected Columns"** (*the default selection*) (ie, "Charges" and/or "Both" selections not allowed).

*Population data supplied by Nielson Claritas

GIS Mapping & Graphing



Map It



Graph It

Mapping: to enable mapping, select "Medical Services only" and select "Hospital" as the only stratifier. (*"Hospital" is necessary because the mapping tool requires a point on the map*)

Graphing: to enable graphing, please select "Medical Services only" and at least one stratifier.

[See "Report View" section for more mapping/graphing information.](#)

Report View

Medical Services/DRGs ([View Report Information](#))

Page 1 of 4, items 1 to 200 of 763.

| Medical Service | DRG | Discharges | Discharges (%) | Avg. LOS | Charges (\$) |
|-----------------|---|------------|----------------|----------|--------------|
| Cardiology | 280 - Acute myocardial infarction, discharged alive w MCC | 633 | 00.2500 | 6.7 | 39,789,134 |
| Cardiology | 281 - Acute myocardial infarction, discharged alive w CC | 432 | 00.1700 | 4.0 | 16,544,089 |
| Cardiology | 282 - Acute myocardia infarction, discharged alive w/o CC/MCC | 528 | 00.2100 | 2.4 | 14,572,134 |
| Cardiology | 283 - Acute myocardial infarction, expired w MCC | 105 | 00.0400 | 5.1 | 7,683,728 |

The "Report View" page displays the custom report.

Note: If "Use Paging (Show 200 records per page)" is selected, then the paging controls will be available.

Also, included on this page are:

A tooltip/information popup is available under "View Report Information", which displays the selections made on the "Report Criteria" page. (This information is also available on the exported Excel file)

Medical Services/DRGs ([View Report Information](#))

DRG detail/Facility County - Year: 2009 Qtr: 1-4

District/County: Broward Regional Health Council, Inc.

Hospitals: All **Categories:** All **Selected Columns:**

- Discharges
- Discharges (%)
- Avg. LOS
- Charges (\$)

Stratified by:

- Medical Svcs/DRG

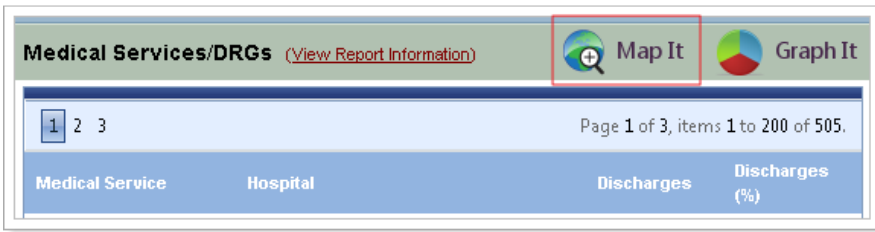
The ability to export the custom report in Excel format.

Export Filename: DRG_DRGdetail_2009Q1-4

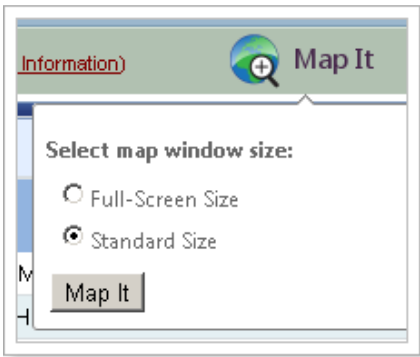
Excel Letter **Export**

GIS Mapping & Graphing

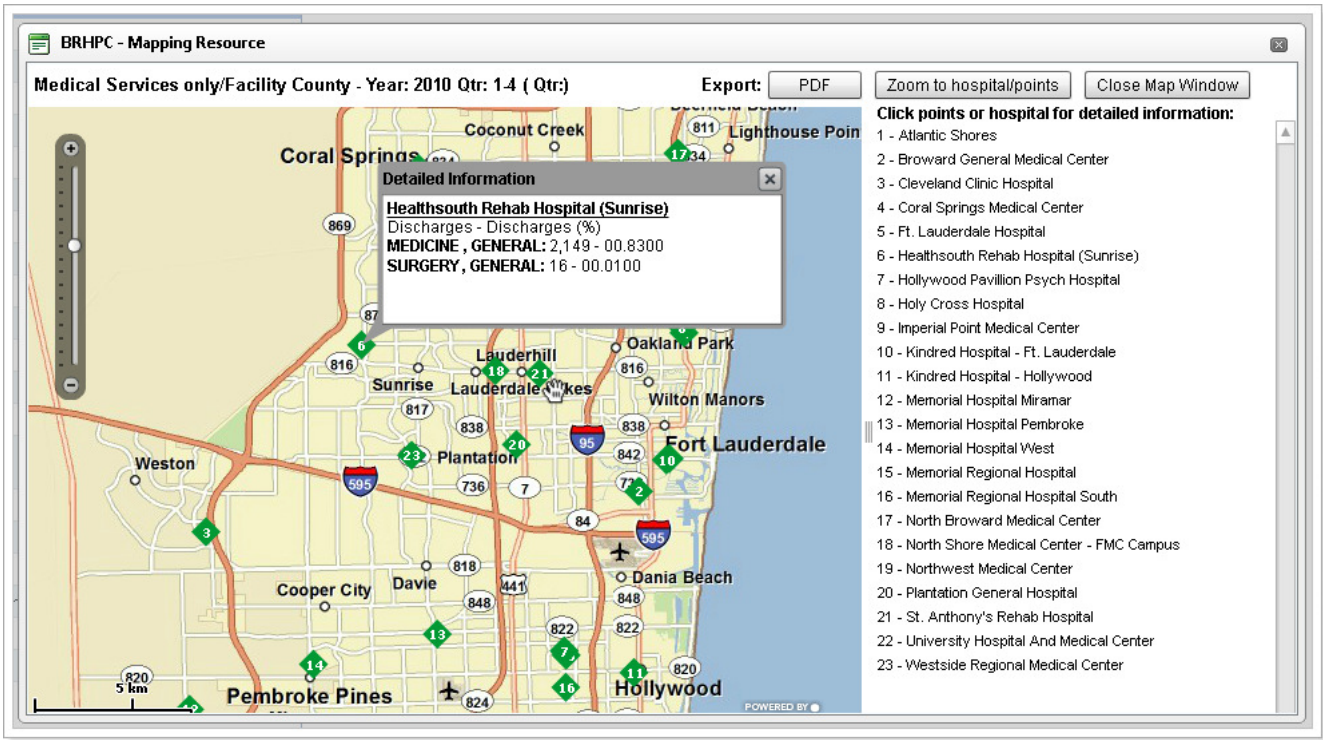
“Map It” option



Clicking “Map It” displays the option to view a Full-screen or Standard version of the Map.



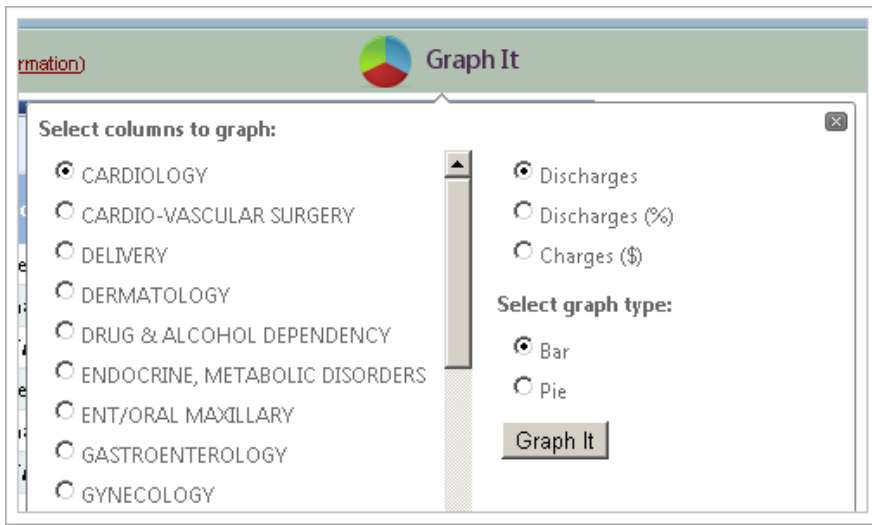
Clicking “Map It” opens up the Map window. The map is interactive. The map can be moved and zoomed. Clicking the hospital points and/or the hospital list displays the report information for each hospital. The map can also be exported to a PDF file.



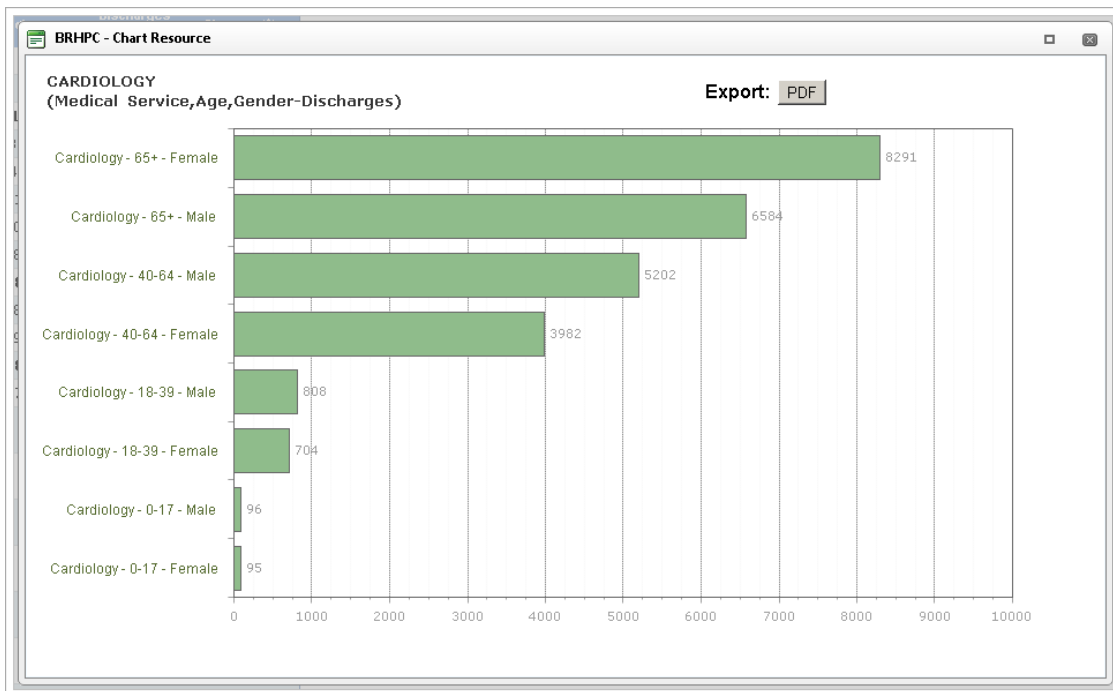
"Graph It" option



Clicking "Graph It" displays the options to select the columns to graph and the graph type.



Clicking "Graph It" opens up the Graph window, displaying the selected columns in either bar or pie graph. The graph can also be exported to a PDF file.



Appendix A (MDC/Medical Services/DRG Relations)

The MS/DRG Data Warehouse uses a modified version of the Medicare Major Diagnostic Groups (MDC) to categorize DRGs. Some of the MDCs were split to group medical and surgical diagnoses separately (e.g. *MDC 5 - Circulatory System is now two groups: Cardiology and Cardiovascular Surgery) and cancer diagnoses across MDCs have been extracted and grouped together under **Oncology. These revised groupings better reflect the medical services and product lines typically provided in hospitals.

| Medicare MDCs | | MS/DRG Categories | |
|---------------|--|-------------------|--------------------------------|
| 1 | Nervous System (Neurology and Neurosurgery) | 1* | Cardiology |
| 2 | Eye (Medical and Surgical) | 2* | Cardio-Vascular Surgery |
| 3 | Ear, Nose, Mouth and Throat | 3 | Delivery |
| 4 | Respiratory | 4 | Dermatology |
| 5* | Circulatory (Cardiology and Cardiovascular Surgery) | 5 | Drug & Alcohol Dependency |
| 6 | Digestive (GI and General Surgery) | 6 | Endocrine, Metabolic Disorders |
| 7 | Hepatobiliary System and Pancreas (Medical and Surgical) | 7 | ENT/Oral Maxillary |
| 8 | Musculoskeletal System and Connective Tissue (Orthopedic) | 8 | Gastroenterology |
| 9 | Skin, Subcutaneous Tissue And Breast | 9 | Gynecology |
| 10 | Endocrine, Nutritional and Metabolic System | 10 | HIV |
| 11 | Kidney And Urinary Tract | 11 | Intervention Cardiology |
| 12 | Male Reproductive System | 12 | General Medicine |
| 13 | Female Reproductive System | 13 | Neonatology LEVEL II & III |
| 14 | Pregnancy, Childbirth &Puerperium | 14 | Nephrology |
| 15 | Newborn and Other Neonates | 15 | Neurology |
| 16 | Blood and Blood Forming Organs and Immunological Disorders | 16 | Neurosurgery |
| 17 | Myeloproliferative DDs (Poorly Differentiated Neoplasms) | 17 | Normal Newborn |
| 18 | Infectious and Parasitic DDs | 18 | Obstetrics |
| 19 | Mental Diseases and Disorders | 19** | Oncology |
| 20 | Alcohol/Drug Use or Induced Mental Disorders | 20 | Ophthalmology |
| 21 | Injuries, Poison And Toxic Effect of Drugs | 21 | Orthopedics |
| 22 | Burns | 22 | Psychiatry |
| 23 | Factors Influencing Health Status | 23 | Respiratory |
| 24 | Multiple Significant Trauma | 24 | General Surgery |
| 25 | HIV Infection | 25 | Thoracic Surgery |
| | | 26 | Trauma, Burns, Poisoning |
| | | 27 | Urology |
| | | 28 | Vascular Surgery |

Appendix B (Medical Services/DRG List)

| Medical Service | DRG | DRG Definition |
|-------------------------|-----|--|
| Cardiology | 280 | Acute myocardial infarction, discharged alive w MCC |
| Cardiology | 281 | Acute myocardial infarction, discharged alive w CC |
| Cardiology | 282 | Acute myocardia infarction, discharged alive w/o CC/MCC |
| Cardiology | 283 | Acute myocardial infarction, expired w MCC |
| Cardiology | 284 | Acute myocardial infarction, expired w CC |
| Cardiology | 285 | Acute myocardial infarction, expired w/o CC/MCC |
| Cardiology | 286 | Circulatory disorders except AMI, w card cath w MCC |
| Cardiology | 287 | Circulatory disorders except AMI, w card cath w/o MCC |
| Cardiology | 288 | Acute & subacute endocarditis w MCC |
| Cardiology | 289 | Acute & subacute endocarditis w CC |
| Cardiology | 290 | Acute & subacute endocarditis w/o CC/MCC |
| Cardiology | 291 | Heart failure & shock w MCC |
| Cardiology | 292 | Heart failure & shock w CC |
| Cardiology | 293 | Heart failure & shock w/o CC/MCC |
| Cardiology | 294 | Deep vein thrombophlebitis w CC/MCC |
| Cardiology | 295 | Deep vein thrombophlebitis w/o CC/MCC |
| Cardiology | 296 | Cardiac arrest, unexplained w MCC |
| Cardiology | 297 | Cardiac arrest, unexplained w CC |
| Cardiology | 298 | Cardiac arrest, unexplained w/o CC/MCC |
| Cardiology | 299 | Peripheral vascular disorders w MCC |
| Cardiology | 300 | Peripheral vascular disorders w CC |
| Cardiology | 301 | Peripheral vascular disorders w/o CC/MCC |
| Cardiology | 302 | Atherosclerosis w MCC |
| Cardiology | 303 | Atherosclerosis w/o MCC |
| Cardiology | 304 | Hypertension w MCC |
| Cardiology | 305 | Hypertension w/o MCC |
| Cardiology | 306 | Cardiac congenital & valvular disorders w MCC |
| Cardiology | 307 | Cardiac congenital & valvular disorders w/o MCC |
| Cardiology | 308 | Cardiac arrhythmia & conduction disorders w MCC |
| Cardiology | 309 | Cardiac arrhythmia & conduction disorders w CC |
| Cardiology | 310 | Cardiac arrhythmia & conduction disorders w/o CC/MCC |
| Cardiology | 311 | Angina pectoris |
| Cardiology | 312 | Syncope & collapse |
| Cardiology | 313 | Chest pain |
| Cardiology | 314 | Other circulatory system diagnoses w MCC |
| Cardiology | 315 | Other circulatory system diagnoses w CC |
| Cardiology | 316 | Other circulatory system diagnoses w/o CC/MCC |
| Cardio-Vascular Surgery | 215 | Other heart assist system implant |
| Cardio-Vascular Surgery | 216 | Cardiac valve & oth maj cardiothoracic proc w card cath w MCC |
| Cardio-Vascular Surgery | 217 | Cardiac valve & oth maj cardiothoracic proc w card cath w CC |
| Cardio-Vascular Surgery | 218 | Cardiac valve & oth maj cardiothoracic proc w card cath w/o CC/MCC |
| Cardio-Vascular Surgery | 219 | Cardiac valve & oth maj cardiothoracic proc w/o card cath w MCC |
| Cardio-Vascular Surgery | 220 | Cardiac valve & oth maj cardiothoracic proc w/o card cath w CC |
| Cardio-Vascular Surgery | 221 | Cardiac valve & oth maj cardiothoracic proc w/o card cath w/o CC/MCC |
| Cardio-Vascular Surgery | 228 | Other cardiothoracic procedures w MCC |
| Cardio-Vascular Surgery | 229 | Other cardiothoracic procedures w CC |
| Cardio-Vascular Surgery | 230 | Other cardiothoracic procedures w/o CC/MCC |

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| Cardio-Vascular Surgery | 231 | Coronary bypass w PTCA w MCC |
| Cardio-Vascular Surgery | 232 | Coronary bypass w PTCA w/o MCC |
| Cardio-Vascular Surgery | 233 | Coronary bypass w cardiac cath w MCC |
| Cardio-Vascular Surgery | 234 | Coronary bypass w cardiac cath w/o MCC |
| Cardio-Vascular Surgery | 235 | Coronary bypass w/o cardiac cath w MCC |
| Cardio-Vascular Surgery | 236 | Coronary bypass w/o cardiac cath w/o MCC |
| Cardio-Vascular Surgery | 237 | Major cardiovasc procedures w MCC or thoracic aortic aneuerysm repair |
| Cardio-Vascular Surgery | 238 | Major cardiovascular procedures w/o MCC |
| Delivery | 765 | Cesarean section w CC/MCC |
| Delivery | 766 | Cesarean section w/o CC/MCC |
| Delivery | 767 | Vaginal delivery w sterilization &/or D&C |
| Delivery | 768 | Vaginal delivery w O.R. proc except steril &/or D&C |
| Delivery | 774 | Vaginal delivery w complicating diagnoses |
| Delivery | 775 | Vaginal delivery w/o complicating diagnoses |
| Dermatology | 592 | Skin ulcers w MCC |
| Dermatology | 593 | Skin ulcers w CC |
| Dermatology | 594 | Skin ulcers w/o CC/MCC |
| Dermatology | 595 | Major skin disorders w MCC |
| Dermatology | 596 | Major skin disorders w/o MCC |
| Dermatology | 602 | Cellulitis w MCC |
| Dermatology | 603 | Cellulitis w/o MCC |
| Dermatology | 604 | Trauma to the skin, subcut tiss & breast w MCC |
| Dermatology | 605 | Trauma to the skin, subcut tiss & breast w/o MCC |
| Dermatology | 606 | Minor skin disorders w MCC |
| Dermatology | 607 | Minor skin disorders w/o MCC |
| Drug & Alcohol Dependency | 894 | Alcohol/drug abuse or dependence, left ama |
| Drug & Alcohol Dependency | 895 | Alcohol/drug abuse or dependence w rehabilitation therapy |
| Drug & Alcohol Dependency | 896 | Alcohol/drug abuse or dependence w/o rehabilitation therapy w MCC |
| Drug & Alcohol Dependency | 897 | Alcohol/drug abuse or dependence w/o rehabilitation therapy w/o MCC |
| Endocrine, Metabolic Disorders | 637 | Diabetes w MCC |
| Endocrine, Metabolic Disorders | 638 | Diabetes w CC |
| Endocrine, Metabolic Disorders | 639 | Diabetes w/o CC/MCC |
| Endocrine, Metabolic Disorders | 640 | Nutritional & misc metabolic disorders w MCC |
| Endocrine, Metabolic Disorders | 641 | Nutritional & misc metabolic disorders w/o MCC |
| Endocrine, Metabolic Disorders | 642 | Inborn errors of metabolism |
| Endocrine, Metabolic Disorders | 643 | Endocrine disorders w MCC |
| Endocrine, Metabolic Disorders | 644 | Endocrine disorders w CC |
| Endocrine, Metabolic Disorders | 645 | Endocrine disorders w/o CC/MCC |
| ENT/Oral Maxillary | 129 | Major head & neck procedures w CC/MCC or major device |
| ENT/Oral Maxillary | 130 | Major head & neck procedures w/o CC/MCC |
| ENT/Oral Maxillary | 131 | Cranial/facial procedures w CC/MCC |
| ENT/Oral Maxillary | 132 | Cranial/facial procedures w/o CC/MCC |
| ENT/Oral Maxillary | 133 | Other ear, nose, mouth & throat O.R. procedures w CC/MCC |
| ENT/Oral Maxillary | 134 | Other ear, nose, mouth & throat O.R. procedures w/o CC/MCC |
| ENT/Oral Maxillary | 135 | Sinus & mastoid procedures w CC/MCC |

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| ENT/Oral Maxillary | 136 | Sinus & mastoid procedures w/o CC/MCC |
| ENT/Oral Maxillary | 137 | Mouth procedures w CC/MCC |
| ENT/Oral Maxillary | 138 | Mouth procedures w/o CC/MCC |
| ENT/Oral Maxillary | 139 | Salivary gland procedures |
| ENT/Oral Maxillary | 149 | Dysequilibrium |
| ENT/Oral Maxillary | 150 | Epistaxis w MCC |
| ENT/Oral Maxillary | 151 | Epistaxis w/o MCC |
| ENT/Oral Maxillary | 152 | Otitis media & URI w MCC |
| ENT/Oral Maxillary | 153 | Otitis media & URI w/o MCC |
| ENT/Oral Maxillary | 154 | Nasal trauma & deformity w MCC |
| ENT/Oral Maxillary | 155 | Nasal trauma & deformity w CC |
| ENT/Oral Maxillary | 156 | Nasal trauma & deformity w/o CC/MCC |
| ENT/Oral Maxillary | 157 | Dental & Oral Diseases w MCC |
| ENT/Oral Maxillary | 158 | Dental & Oral Diseases w CC |
| ENT/Oral Maxillary | 159 | Dental & Oral Diseases w/o CC/MCC |
| Gastroenterology | 368 | Major esophageal disorders w MCC |
| Gastroenterology | 369 | Major esophageal disorders w CC |
| Gastroenterology | 370 | Major esophageal disorders w/o CC/MCC |
| Gastroenterology | 371 | Major gastrointestinal disorders & peritoneal infections w MCC |
| Gastroenterology | 372 | Major gastrointestinal disorders & peritoneal infections w CC |
| Gastroenterology | 373 | Major gastrointestinal disorders & peritoneal infections w/o CC/MCC |
| Gastroenterology | 377 | G.I. hemorrhage w MCC |
| Gastroenterology | 378 | G.I. hemorrhage w CC |
| Gastroenterology | 379 | G.I. hemorrhage w/o CC/MCC |
| Gastroenterology | 380 | Complicated peptic ulcer w MCC |
| Gastroenterology | 381 | Complicated peptic ulcer w CC |
| Gastroenterology | 382 | Complicated peptic ulcer w/o CC/MCC |
| Gastroenterology | 383 | Uncomplicated peptic ulcer w MCC |
| Gastroenterology | 384 | Uncomplicated peptic ulcer w/o MCC |
| Gastroenterology | 385 | Inflammatory bowel disease w MCC |
| Gastroenterology | 386 | Inflammatory bowel disease w CC |
| Gastroenterology | 387 | Inflammatory bowel disease w/o CC/MCC |
| Gastroenterology | 388 | G.I. obstruction w MCC |
| Gastroenterology | 389 | G.I. obstruction w CC |
| Gastroenterology | 390 | G.I. obstruction w/o CC/MCC |
| Gastroenterology | 391 | Esophagitis, gastroent & misc digest disorders w MCC |
| Gastroenterology | 392 | Esophagitis, gastroent & misc digest disorders w/o MCC |
| Gastroenterology | 393 | Other digestive system diagnoses w MCC |
| Gastroenterology | 394 | Other digestive system diagnoses w CC |
| Gastroenterology | 395 | Other digestive system diagnoses w/o CC/MCC |
| Gastroenterology | 432 | Cirrhosis & alcoholic hepatitis w MCC |
| Gastroenterology | 433 | Cirrhosis & alcoholic hepatitis w CC |
| Gastroenterology | 434 | Cirrhosis & alcoholic hepatitis w/o CC/MCC |
| Gastroenterology | 438 | Disorders of pancreas except malignancy w MCC |
| Gastroenterology | 439 | Disorders of pancreas except malignancy w CC |
| Gastroenterology | 440 | Disorders of pancreas except malignancy w/o CC/MCC |
| Gastroenterology | 441 | Disorders of liver except malig,cirr,alc hepa w MCC |
| Gastroenterology | 442 | Disorders of liver except malig,cirr,alc hepa w CC |
| Gastroenterology | 443 | Disorders of liver except malig,cirr,alc hepa w/o CC/MCC |
| Gastroenterology | 444 | Disorders of the biliary tract w MCC |
| Gastroenterology | 445 | Disorders of the biliary tract w CC |
| Gastroenterology | 446 | Disorders of the biliary tract w/o CC/MCC |
| Gynecology | 734 | Pelvic evisceration, rad hysterectomy & rad vulvectomy w CC/MCC |

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| Gynecology | 735 | Pelvic evisceration, rad hysterectomy & rad vulvectomy w/o CC/MCC |
| Gynecology | 736 | Uterine & adnexa proc for ovarian or adnexal malignancy w MCC |
| Gynecology | 737 | Uterine & adnexa proc for ovarian or adnexal malignancy w CC |
| Gynecology | 738 | Uterine & adnexa proc for ovarian or adnexal malignancy w/o CC/MCC |
| Gynecology | 739 | Uterine,adnexa proc for non-ovarian/adnexal malig w MCC |
| Gynecology | 740 | Uterine,adnexa proc for non-ovarian/adnexal malig w CC |
| Gynecology | 741 | Uterine,adnexa proc for non-ovarian/adnexal malig w/o CC/MCC |
| Gynecology | 742 | Uterine & adnexa proc for non-malignancy w CC/MCC |
| Gynecology | 743 | Uterine & adnexa proc for non-malignancy w/o CC/MCC |
| Gynecology | 744 | D&C, conization, laparoscopy & tubal interruption w CC/MCC |
| Gynecology | 745 | D&C, conization, laparoscopy & tubal interruption w/o CC/MCC |
| Gynecology | 746 | Vagina, cervix & vulva procedures w CC/MCC |
| Gynecology | 747 | Vagina, cervix & vulva procedures w/o CC/MCC |
| Gynecology | 748 | Female reproductive system reconstructive procedures |
| Gynecology | 749 | Other female reproductive system O.R. procedures w CC/MCC |
| Gynecology | 750 | Other female reproductive system O.R. procedures w/o CC/MCC |
| Gynecology | 757 | Infections, female reproductive system w MCC |
| Gynecology | 758 | Infections, female reproductive system w CC |
| Gynecology | 759 | Infections, female reproductive system w/o CC/MCC |
| Gynecology | 760 | Menstrual & other female reproductive system disorders w CC/MCC |
| Gynecology | 761 | Menstrual & other female reproductive system disorders w/o CC/MCC |
| HIV | 969 | HIV w extensive O.R. procedure w MCC |
| HIV | 970 | HIV w extensive O.R. procedure w/o MCC |
| HIV | 974 | HIV w major related condition w MCC |
| HIV | 975 | HIV w major related condition w CC |
| HIV | 976 | HIV w major related condition w/o CC/MCC |
| HIV | 977 | HIV w or w/o other related condition |
| Intervention Cardiology | 222 | Cardiac defib implant w cardiac cath w AMI/HF/shock w MCC |
| Intervention Cardiology | 223 | Cardiac defib implant w cardiac cath w AMI/HF/shock w/o MCC |
| Intervention Cardiology | 224 | Cardiac defib implant w cardiac cath w/o AMI/HF/shock w MCC |
| Intervention Cardiology | 225 | Cardiac defib implant w cardiac cath w/o AMI/HF/shock w/o MCC |
| Intervention Cardiology | 226 | Cardiac defibrillator implant w/o cardiac cath w MCC |
| Intervention Cardiology | 227 | Cardiac defibrillator implant w/o cardiac cath w/o MCC |
| Intervention Cardiology | 242 | Permanent cardiac pacemaker implant w MCC |
| Intervention Cardiology | 243 | Permanent cardiac pacemaker implant w CC |
| Intervention Cardiology | 244 | Permanent cardiac pacemaker implant w/o CC/MCC |
| Intervention Cardiology | 245 | AICD lead & generator procedures |
| Intervention Cardiology | 246 | Perc cardiovasc proc w drug-eluting stent w MCC or 4+ vessels/stents |
| Intervention Cardiology | 247 | Perc cardiovasc proc w drug-eluting stent w/o MCC |
| Intervention Cardiology | 248 | Perc cardiovasc proc w non-drug-eluting stent w MCC or 4+ ves/stents |
| Intervention Cardiology | 249 | Perc cardiovasc proc w non-drug-eluting stent w/o MCC |
| Intervention Cardiology | 250 | Perc cardiovasc proc w/o coronary artery stent or AMI w MCC |
| Intervention Cardiology | 251 | Perc cardiovasc proc w/o coronary artery stent or AMI w/o MCC |
| Intervention Cardiology | 258 | Cardiac pacemaker device replacement w MCC |
| Intervention Cardiology | 259 | Cardiac pacemaker device replacement w/o MCC |
| Intervention Cardiology | 260 | Cardiac pacemaker revision except device replacement w MCC |
| Intervention Cardiology | 261 | Cardiac pacemaker revision except device replacement w CC |
| Intervention Cardiology | 262 | Cardiac pacemaker revision except device replacement w/o CC/MCC |
| Medicine, General | 600 | Non-malignant breast disorders w CC/MCC |
| Medicine, General | 601 | Non-malignant breast disorders w/o CC/MCC |
| Medicine, General | 862 | Postoperative & post-traumatic infections w MCC |
| Medicine, General | 863 | Postoperative & post-traumatic infections w/o MCC |
| Medicine, General | 864 | Fever of unknown origin |

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| Medicine, General | 865 | Viral illness w MCC |
| Medicine, General | 866 | Viral illness w/o MCC |
| Medicine, General | 867 | Other infectious & parasitic diseases diagnoses w MCC |
| Medicine, General | 868 | Other infectious & parasitic diseases diagnoses w CC |
| Medicine, General | 869 | Other infectious & parasitic diseases diagnoses w/o CC/MCC |
| Medicine, General | 870 | Septicemia w MV 96+ hours |
| Medicine, General | 871 | Septicemia w/o MV 96+ hours w MCC |
| Medicine, General | 872 | Septicemia w/o MV 96+ hours w/o MCC |
| Medicine, General | 915 | Allergic reactions w MCC |
| Medicine, General | 916 | Allergic reactions w/o MCC |
| Medicine, General | 919 | Complications of treatment w MCC |
| Medicine, General | 920 | Complications of treatment w CC |
| Medicine, General | 921 | Complications of treatment w/o CC/MCC |
| Medicine, General | 945 | Rehabilitation w CC/MCC |
| Medicine, General | 946 | Rehabilitation w/o CC/MCC |
| Medicine, General | 947 | Signs & symptoms w MCC |
| Medicine, General | 948 | Signs & symptoms w/o MCC |
| Medicine, General | 949 | Aftercare w CC/MCC |
| Medicine, General | 950 | Aftercare w/o CC/MCC |
| Medicine, General | 951 | Other factors influencing health status |
| Neonatology | 789 | Neonates, died or transferred to another acute care facility |
| Neonatology | 790 | Extreme immaturity or respiratory distress syndrome, neonate |
| Neonatology | 791 | Prematurity w major problems |
| Neonatology | 792 | Prematurity w/o major problems |
| Neonatology | 793 | Full term neonate w major problems |
| Neonatology | 794 | Neonate w other significant problems |
| Nephrology | 682 | Renal failure w MCC |
| Nephrology | 683 | Renal failure w CC |
| Nephrology | 684 | Renal failure w/o CC/MCC |
| Nephrology | 685 | Admit for renal dialysis |
| Nephrology | 689 | Kidney & urinary tract infections w MCC |
| Nephrology | 690 | Kidney & urinary tract infections w/o MCC |
| Nephrology | 695 | Kidney & urinary tract signs & symptoms w MCC |
| Nephrology | 696 | Kidney & urinary tract signs & symptoms w/o MCC |
| Nephrology | 698 | Other kidney & urinary tract diagnoses w MCC |
| Nephrology | 699 | Other kidney & urinary tract diagnoses w CC |
| Nephrology | 700 | Other kidney & urinary tract diagnoses w/o CC/MCC |
| Neurology | 052 | Spinal disorders & injuries w CC/MCC |
| Neurology | 053 | Spinal disorders & injuries w/o CC/MCC |
| Neurology | 056 | Degenerative nervous system disorders w MCC |
| Neurology | 057 | Degenerative nervous system disorders w/o MCC |
| Neurology | 058 | Multiple sclerosis & cerebellar ataxia w MCC |
| Neurology | 059 | Multiple sclerosis & cerebellar ataxia w CC |
| Neurology | 060 | Multiple sclerosis & cerebellar ataxia w/o CC/MCC |
| Neurology | 061 | Acute ischemic stroke w use of thrombolytic agent w MCC |
| Neurology | 062 | Acute ischemic stroke w use of thrombolytic agent w CC |
| Neurology | 063 | Acute ischemic stroke w use of thrombolytic agent w/o CC/MCC |
| Neurology | 064 | Intracranial hemorrhage or cerebral infarction w MCC |
| Neurology | 065 | Intracranial hemorrhage or cerebral infarction w CC |
| Neurology | 066 | Intracranial hemorrhage or cerebral infarction w/o CC/MCC |
| Neurology | 067 | Nonspecific cva & precerebral occlusion w/o infarct w MCC |
| Neurology | 068 | Nonspecific cva & precerebral occlusion w/o infarct w/o MCC |
| Neurology | 069 | Transient ischemia |

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| Neurology | 070 | Nonspecific cerebrovascular disorders w MCC |
| Neurology | 071 | Nonspecific cerebrovascular disorders w CC |
| Neurology | 072 | Nonspecific cerebrovascular disorders w/o CC/MCC |
| Neurology | 073 | Cranial & peripheral nerve disorders w MCC |
| Neurology | 074 | Cranial & peripheral nerve disorders w/o MCC |
| Neurology | 075 | Viral meningitis w CC/MCC |
| Neurology | 076 | Viral meningitis w/o CC/MCC |
| Neurology | 077 | Hypertensive encephalopathy w MCC |
| Neurology | 078 | Hypertensive encephalopathy w CC |
| Neurology | 079 | Hypertensive encephalopathy w/o CC/MCC |
| Neurology | 080 | Nontraumatic stupor & coma w MCC |
| Neurology | 081 | Nontraumatic stupor & coma w/o MCC |
| Neurology | 082 | Traumatic stupor & coma, coma >1 hr w MCC |
| Neurology | 083 | Traumatic stupor & coma, coma >1 hr w CC |
| Neurology | 084 | Traumatic stupor & coma, coma >1 hr w/o CC/MCC |
| Neurology | 085 | Traumatic stupor & coma, coma <1 hr w MCC |
| Neurology | 086 | Traumatic stupor & coma, coma <1 hr w CC |
| Neurology | 087 | Traumatic stupor & coma, coma <1 hr w/o CC/MCC |
| Neurology | 088 | Concussion w MCC |
| Neurology | 089 | Concussion w CC |
| Neurology | 090 | Concussion w/o CC/MCC |
| Neurology | 091 | Other disorders of nervous system w MCC |
| Neurology | 092 | Other disorders of nervous system w CC |
| Neurology | 093 | Other disorders of nervous system w/o CC/MCC |
| Neurology | 094 | Bacterial & tuberculous infections of nervous system w MCC |
| Neurology | 095 | Bacterial & tuberculous infections of nervous system w CC |
| Neurology | 096 | Bacterial & tuberculous infections of nervous system w/o CC/MCC |
| Neurology | 097 | Non-bacterial infect of nervous sys exc viral meningitis w MCC |
| Neurology | 098 | Non-bacterial infect of nervous sys exc viral meningitis w CC |
| Neurology | 099 | Non-bacterial infect of nervous sys exc viral meningitis w/o CC/MCC |
| Neurology | 100 | Seizures w MCC |
| Neurology | 101 | Seizures w/o MCC |
| Neurology | 102 | Headaches w MCC |
| Neurology | 103 | Headaches w/o MCC |
| Neurosurgery | 020 | Intracranial vascular procedures w PDX hemorrhage w MCC |
| Neurosurgery | 021 | Intracranial vascular procedures w PDX hemorrhage w CC |
| Neurosurgery | 022 | Intracranial vascular procedures w PDX hemorrhage w/o CC/MCC |
| Neurosurgery | 023 | Cranio w major dev impl/acute complex CNS PDX w MCC or chemo implant |
| Neurosurgery | 024 | Cranio w major dev impl/acute complex CNS PDX w/o MCC |
| Neurosurgery | 025 | Craniotomy & endovascular intracranial procedures w MCC |
| Neurosurgery | 026 | Craniotomy & endovascular intracranial procedures w CC |
| Neurosurgery | 027 | Craniotomy & endovascular intracranial procedures w/o CC/MCC |
| Neurosurgery | 028 | Spinal procedures w MCC |
| Neurosurgery | 029 | Spinal procedures w CC or spinal neurostimulators |
| Neurosurgery | 030 | Spinal procedures w/o CC/MCC |
| Neurosurgery | 031 | Ventricular shunt procedures w MCC |
| Neurosurgery | 032 | Ventricular shunt procedures w CC |
| Neurosurgery | 033 | Ventricular shunt procedures w/o CC/MCC |
| Neurosurgery | 040 | Periph & cranial nerve & other nerv syst proc w MCC |
| Neurosurgery | 041 | Periph/cranial nerve & other nerv syst proc w CC or periph neurostim |
| Neurosurgery | 042 | Periph & cranial nerve & other nerv syst proc w/o CC/MCC |
| Normal Newborn | 795 | Normal newborn |

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| Obstetrics | 769 | Postpartum & post abortion diagnoses w O.R. procedure |
| Obstetrics | 770 | Abortion w D&C, aspiration curettage or hysterotomy |
| Obstetrics | 776 | Postpartum & post abortion diagnoses w/o O.R. procedure |
| Obstetrics | 777 | Ectopic pregnancy |
| Obstetrics | 778 | Threatened abortion |
| Obstetrics | 779 | Abortion w/o D&C |
| Obstetrics | 780 | False labor |
| Obstetrics | 781 | Other antepartum diagnoses w medical complications |
| Obstetrics | 782 | Other antepartum diagnoses w/o medical complications |
| Oncology | 009 | Bone marrow transplant |
| Oncology | 054 | Nervous system neoplasms w MCC |
| Oncology | 055 | Nervous system neoplasms w/o MCC |
| Oncology | 146 | Ear, nose, mouth & throat malignancy w MCC |
| Oncology | 147 | Ear, nose, mouth & throat malignancy w CC |
| Oncology | 148 | Ear, nose, mouth & throat malignancy w/o CC/MCC |
| Oncology | 180 | Respiratory neoplasms w MCC |
| Oncology | 181 | Respiratory neoplasms w CC |
| Oncology | 182 | Respiratory neoplasms w/o CC/MCC |
| Oncology | 374 | Digestive malignancy w MCC |
| Oncology | 375 | Digestive malignancy w CC |
| Oncology | 376 | Digestive malignancy w/o CC/MCC |
| Oncology | 435 | Malignancy of hepatobiliary system or pancreas w MCC |
| Oncology | 436 | Malignancy of hepatobiliary system or pancreas w CC |
| Oncology | 437 | Malignancy of hepatobiliary system or pancreas w/o CC/MCC |
| Oncology | 542 | Pathological fractures & musculoskelet & conn tiss malig w MCC |
| Oncology | 543 | Pathological fractures & musculoskelet & conn tiss malig w CC |
| Oncology | 544 | Pathological fractures & musculoskelet & conn tiss malig w/o CC/MCC |
| Oncology | 597 | Malignant breast disorders w MCC |
| Oncology | 598 | Malignant breast disorders w CC |
| Oncology | 599 | Malignant breast disorders w/o CC/MCC |
| Oncology | 686 | Kidney & urinary tract neoplasms w MCC |
| Oncology | 687 | Kidney & urinary tract neoplasms w CC |
| Oncology | 688 | Kidney & urinary tract neoplasms w/o CC/MCC |
| Oncology | 722 | Malignancy, male reproductive system w MCC |
| Oncology | 723 | Malignancy, male reproductive system w CC |
| Oncology | 724 | Malignancy, male reproductive system w/o CC/MCC |
| Oncology | 754 | Malignancy, female reproductive system w MCC |
| Oncology | 755 | Malignancy, female reproductive system w CC |
| Oncology | 756 | Malignancy, female reproductive system w/o CC/MCC |
| Oncology | 808 | Major hematol/immun diag exc sickle cell crisis & coagul w MCC |
| Oncology | 809 | Major hematol/immun diag exc sickle cell crisis & coagul w CC |
| Oncology | 810 | Major hematol/immun diag exc sickle cell crisis & coagul w/o CC/MCC |
| Oncology | 811 | Red blood cell disorders w MCC |
| Oncology | 812 | Red blood cell disorders w/o MCC |
| Oncology | 813 | Coagulation disorders |
| Oncology | 814 | Reticuloendothelial & immunity disorders w MCC |
| Oncology | 815 | Reticuloendothelial & immunity disorders w CC |
| Oncology | 816 | Reticuloendothelial & immunity disorders w/o CC/MCC |
| Oncology | 834 | Acute leukemia w/o major O.R. procedure w MCC |
| Oncology | 835 | Acute leukemia w/o major O.R. procedure w CC |
| Oncology | 836 | Acute leukemia w/o major O.R. procedure w/o CC/MCC |
| Oncology | 837 | Chemo w acute leukemia as sdx or w high dose chemo agent w MCC |
| Oncology | 838 | Chemo w acute leukemia as sdx w CC or high dose chemo agent |

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| Oncology | 839 | Chemo w acute leukemia as sdx w/o CC/MCC |
| Oncology | 840 | Lymphoma & non-acute leukemia w MCC |
| Oncology | 841 | Lymphoma & non-acute leukemia w CC |
| Oncology | 842 | Lymphoma & non-acute leukemia w/o CC/MCC |
| Oncology | 843 | Other myeloprolif dis or poorly diff neopl diag w MCC |
| Oncology | 844 | Other myeloprolif dis or poorly diff neopl diag w CC |
| Oncology | 845 | Other myeloprolif dis or poorly diff neopl diag w/o CC/MCC |
| Oncology | 846 | Chemotherapy w/o acute leukemia as secondary diagnosis w MCC |
| Oncology | 847 | Chemotherapy w/o acute leukemia as secondary diagnosis w CC |
| Oncology | 848 | Chemotherapy w/o acute leukemia as secondary diagnosis w/o CC/MCC |
| Oncology | 849 | Radiotherapy |
| Ophthalmology | 113 | Orbital procedures w CC/MCC |
| Ophthalmology | 114 | Orbital procedures w/o CC/MCC |
| Ophthalmology | 115 | Extraocular procedures except orbit |
| Ophthalmology | 116 | Intraocular procedures w CC/MCC |
| Ophthalmology | 117 | Intraocular procedures w/o CC/MCC |
| Ophthalmology | 121 | Acute major eye infections w CC/MCC |
| Ophthalmology | 122 | Acute major eye infections w/o CC/MCC |
| Ophthalmology | 123 | Neurological eye disorders |
| Ophthalmology | 124 | Other disorders of the eye w MCC |
| Ophthalmology | 125 | Other disorders of the eye w/o MCC |
| Orthopedics | 453 | Combined anterior/posterior spinal fusion w MCC |
| Orthopedics | 454 | Combined anterior/posterior spinal fusion w CC |
| Orthopedics | 455 | Combined anterior/posterior spinal fusion w/o CC/MCC |
| Orthopedics | 456 | Spinal fus exc cerv w spinal curv/malig/infec or 9+ fus w MCC |
| Orthopedics | 457 | Spinal fus exc cerv w spinal curv/malig/infec or 9+ fus w CC |
| Orthopedics | 458 | Spinal fus exc cerv w spinal curv/malig/infec or 9+ fus w/o CC/MCC |
| Orthopedics | 459 | Spinal fusion except cervical w MCC |
| Orthopedics | 460 | Spinal fusion except cervical w/o MCC |
| Orthopedics | 461 | Bilateral or multiple major joint procs of lower extremity w MCC |
| Orthopedics | 462 | Bilateral or multiple major joint procs of lower extremity w/o MCC |
| Orthopedics | 463 | Wnd debrid & skn grft exc hand, for musculo-conn tiss dis w MCC |
| Orthopedics | 464 | Wnd debrid & skn grft exc hand, for musculo-conn tiss dis w CC |
| Orthopedics | 465 | Wnd debrid & skn grft exc hand, for musculo-conn tiss dis w/o CC/MCC |
| Orthopedics | 466 | Revision of hip or knee replacement w MCC |
| Orthopedics | 467 | Revision of hip or knee replacement w CC |
| Orthopedics | 468 | Revision of hip or knee replacement w/o CC/MCC |
| Orthopedics | 469 | Major joint replacement or reattachment of lower extremity w MCC |
| Orthopedics | 470 | Major joint replacement or reattachment of lower extremity w/o MCC |
| Orthopedics | 471 | Cervical spinal fusion w MCC |
| Orthopedics | 472 | Cervical spinal fusion w CC |
| Orthopedics | 473 | Cervical spinal fusion w/o CC/MCC |
| Orthopedics | 474 | Amputation for musculoskeletal sys & conn tissue dis w MCC |
| Orthopedics | 475 | Amputation for musculoskeletal sys & conn tissue dis w CC |
| Orthopedics | 476 | Amputation for musculoskeletal sys & conn tissue dis w/o CC/MCC |
| Orthopedics | 477 | Biopsies of musculoskeletal system & connective tissue w MCC |
| Orthopedics | 478 | Biopsies of musculoskeletal system & connective tissue w CC |
| Orthopedics | 479 | Biopsies of musculoskeletal system & connective tissue w/o CC/MCC |
| Orthopedics | 480 | Hip & femur procedures except major joint w MCC |
| Orthopedics | 481 | Hip & femur procedures except major joint w CC |
| Orthopedics | 482 | Hip & femur procedures except major joint w/o CC/MCC |
| Orthopedics | 483 | Major joint & limb reattachment proc of upper extremity w CC/MCC |
| Orthopedics | 484 | Major joint & limb reattachment proc of upper extremity w/o CC/MCC |

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| Orthopedics | 485 | Knee procedures w pdx of infection w MCC |
| Orthopedics | 486 | Knee procedures w pdx of infection w CC |
| Orthopedics | 487 | Knee procedures w pdx of infection w/o CC/MCC |
| Orthopedics | 488 | Knee procedures w/o pdx of infection w CC/MCC |
| Orthopedics | 489 | Knee procedures w/o pdx of infection w/o CC/MCC |
| Orthopedics | 490 | Back & neck proc exc spinal fusion w CC/MCC or disc device/neurostim |
| Orthopedics | 491 | Back & neck proc exc spinal fusion w/o CC/MCC |
| Orthopedics | 492 | Lower extrem & humer proc except hip,foot,femur w MCC |
| Orthopedics | 493 | Lower extrem & humer proc except hip,foot,femur w CC |
| Orthopedics | 494 | Lower extrem & humer proc except hip,foot,femur w/o CC/MCC |
| Orthopedics | 495 | Local excision & removal int fix devices exc hip & femur w MCC |
| Orthopedics | 496 | Local excision & removal int fix devices exc hip & femur w CC |
| Orthopedics | 497 | Local excision & removal int fix devices exc hip & femur w/o CC/MCC |
| Orthopedics | 498 | Local excision & removal int fix devices of hip & femur w CC/MCC |
| Orthopedics | 499 | Local excision & removal int fix devices of hip & femur w/o CC/MCC |
| Orthopedics | 500 | Soft tissue procedures w MCC |
| Orthopedics | 501 | Soft tissue procedures w CC |
| Orthopedics | 502 | Soft tissue procedures w/o CC/MCC |
| Orthopedics | 503 | Foot procedures w MCC |
| Orthopedics | 504 | Foot procedures w CC |
| Orthopedics | 505 | Foot procedures w/o CC/MCC |
| Orthopedics | 506 | Major thumb or joint procedures |
| Orthopedics | 507 | Major shoulder or elbow joint procedures w CC/MCC |
| Orthopedics | 508 | Major shoulder or elbow joint procedures w/o CC/MCC |
| Orthopedics | 509 | Arthroscopy |
| Orthopedics | 510 | Shoulder,elbow or forearm proc,exc major joint proc w MCC |
| Orthopedics | 511 | Shoulder,elbow or forearm proc,exc major joint proc w CC |
| Orthopedics | 512 | Shoulder,elbow or forearm proc,exc major joint proc w/o CC/MCC |
| Orthopedics | 513 | Hand or wrist proc, except major thumb or joint proc w CC/MCC |
| Orthopedics | 514 | Hand or wrist proc, except major thumb or joint proc w/o CC/MCC |
| Orthopedics | 515 | Other musculoskelet sys & conn tiss O.R. proc w MCC |
| Orthopedics | 516 | Other musculoskelet sys & conn tiss O.R. proc w CC |
| Orthopedics | 517 | Other musculoskelet sys & conn tiss O.R. proc w/o CC/MCC |
| Orthopedics | 533 | Fractures of femur w MCC |
| Orthopedics | 534 | Fractures of femur w/o MCC |
| Orthopedics | 535 | Fractures of hip & pelvis w MCC |
| Orthopedics | 536 | Fractures of hip & pelvis w/o MCC |
| Orthopedics | 537 | Sprains, strains, & dislocations of hip, pelvis & thigh w CC/MCC |
| Orthopedics | 538 | Sprains, strains, & dislocations of hip, pelvis & thigh w/o CC/MCC |
| Orthopedics | 539 | Osteomyelitis w MCC |
| Orthopedics | 540 | Osteomyelitis w CC |
| Orthopedics | 541 | Osteomyelitis w/o CC/MCC |
| Orthopedics | 545 | Connective tissue disorders w MCC |
| Orthopedics | 546 | Connective tissue disorders w CC |
| Orthopedics | 547 | Connective tissue disorders w/o CC/MCC |
| Orthopedics | 548 | Septic arthritis w MCC |
| Orthopedics | 549 | Septic arthritis w CC |
| Orthopedics | 550 | Septic arthritis w/o CC/MCC |
| Orthopedics | 551 | Medical back problems w MCC |
| Orthopedics | 552 | Medical back problems w/o MCC |
| Orthopedics | 553 | Bone diseases & arthropathies w MCC |
| Orthopedics | 554 | Bone diseases & arthropathies w/o MCC |
| Orthopedics | 555 | Signs & symptoms of musculoskeletal system & conn tissue w MCC |

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| Orthopedics | 556 | Signs & symptoms of musculoskeletal system & conn tissue w/o MCC |
| Orthopedics | 557 | Tendonitis, myositis & bursitis w MCC |
| Orthopedics | 558 | Tendonitis, myositis & bursitis w/o MCC |
| Orthopedics | 559 | Aftercare, musculoskeletal system & connective tissue w MCC |
| Orthopedics | 560 | Aftercare, musculoskeletal system & connective tissue w CC |
| Orthopedics | 561 | Aftercare, musculoskeletal system & connective tissue w/o CC/MCC |
| Orthopedics | 562 | Fx, sprn, strn & disl except femur, hip, pelvis & thigh w MCC |
| Orthopedics | 563 | Fx, sprn, strn & disl except femur, hip, pelvis & thigh w/o MCC |
| Orthopedics | 564 | Other musculoskeletal sys & connective tissue diagnoses w MCC |
| Orthopedics | 565 | Other musculoskeletal sys & connective tissue diagnoses w CC |
| Orthopedics | 566 | Other musculoskeletal sys & connective tissue diagnoses w/o CC/MCC |
| Orthopedics | 906 | Hand procedures for injuries |
| Psychiatry | 880 | Acute adjustment reaction & psychosocial dysfunction |
| Psychiatry | 881 | Depressive neuroses |
| Psychiatry | 882 | Neuroses except depressive |
| Psychiatry | 883 | Disorders of personality & impulse control |
| Psychiatry | 884 | Organic disturbances & mental retardation |
| Psychiatry | 885 | Psychoses |
| Psychiatry | 886 | Behavioral & developmental disorders |
| Psychiatry | 887 | Other mental disorder diagnoses |
| Respiratory | 175 | Pulmonary embolism w MCC |
| Respiratory | 176 | Pulmonary embolism w/o MCC |
| Respiratory | 177 | Respiratory infections & inflammations w MCC |
| Respiratory | 178 | Respiratory infections & inflammations w CC |
| Respiratory | 179 | Respiratory infections & inflammations w/o CC/MCC |
| Respiratory | 186 | Pleural effusion w MCC |
| Respiratory | 187 | Pleural effusion w CC |
| Respiratory | 188 | Pleural effusion w/o CC/MCC |
| Respiratory | 189 | Pulmonary edema & respiratory failure |
| Respiratory | 190 | Chronic obstructive pulmonary disease w MCC |
| Respiratory | 191 | Chronic obstructive pulmonary disease w CC |
| Respiratory | 192 | Chronic obstructive pulmonary disease w/o CC/MCC |
| Respiratory | 193 | Simple pneumonia & pleurisy w MCC |
| Respiratory | 194 | Simple pneumonia & pleurisy w CC |
| Respiratory | 195 | Simple pneumonia & pleurisy w/o CC/MCC |
| Respiratory | 196 | Interstitial lung disease w MCC |
| Respiratory | 197 | Interstitial lung disease w CC |
| Respiratory | 198 | Interstitial lung disease w/o CC/MCC |
| Respiratory | 199 | Pneumothorax w MCC |
| Respiratory | 200 | Pneumothorax w CC |
| Respiratory | 201 | Pneumothorax w/o CC/MCC |
| Respiratory | 202 | Bronchitis & asthma w CC/MCC |
| Respiratory | 203 | Bronchitis & asthma w/o CC/MCC |
| Respiratory | 204 | Respiratory signs & symptoms |
| Respiratory | 205 | Other respiratory system diagnoses w MCC |
| Respiratory | 206 | Other respiratory system diagnoses w/o MCC |
| Respiratory | 207 | Respiratory system diagnosis w ventilator support 96+ hours |
| Respiratory | 208 | Respiratory system diagnosis w ventilator support <96 hours |
| Surgery, General | 005 | Liver transplant w MCC or intestinal transplant |
| Surgery, General | 006 | Liver transplant w/o MCC |
| Surgery, General | 008 | Simultaneous pancreas/kidney transplant |
| Surgery, General | 010 | Pancreas transplant |
| Surgery, General | 326 | Stomach, esophageal & duodenal proc w MCC |

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| Surgery, General | 327 | Stomach, esophageal & duodenal proc w CC |
| Surgery, General | 328 | Stomach, esophageal & duodenal proc w/o CC/MCC |
| Surgery, General | 329 | Major small & large bowel procedures w MCC |
| Surgery, General | 330 | Major small & large bowel procedures w CC |
| Surgery, General | 331 | Major small & large bowel procedures w/o CC/MCC |
| Surgery, General | 332 | Rectal resection w MCC |
| Surgery, General | 333 | Rectal resection w CC |
| Surgery, General | 334 | Rectal resection w/o CC/MCC |
| Surgery, General | 335 | Peritoneal adhesiolysis w MCC |
| Surgery, General | 336 | Peritoneal adhesiolysis w CC |
| Surgery, General | 337 | Peritoneal adhesiolysis w/o CC/MCC |
| Surgery, General | 338 | Appendectomy w complicated principal diag w MCC |
| Surgery, General | 339 | Appendectomy w complicated principal diag w CC |
| Surgery, General | 340 | Appendectomy w complicated principal diag w/o CC/MCC |
| Surgery, General | 341 | Appendectomy w/o complicated principal diag w MCC |
| Surgery, General | 342 | Appendectomy w/o complicated principal diag w CC |
| Surgery, General | 343 | Appendectomy w/o complicated principal diag w/o CC/MCC |
| Surgery, General | 344 | Minor small & large bowel procedures w MCC |
| Surgery, General | 345 | Minor small & large bowel procedures w CC |
| Surgery, General | 346 | Minor small & large bowel procedures w/o CC/MCC |
| Surgery, General | 347 | Anal & stomal procedures w MCC |
| Surgery, General | 348 | Anal & stomal procedures w CC |
| Surgery, General | 349 | Anal & stomal procedures w/o CC/MCC |
| Surgery, General | 350 | Inguinal & femoral hernia procedures w MCC |
| Surgery, General | 351 | Inguinal & femoral hernia procedures w CC |
| Surgery, General | 352 | Inguinal & femoral hernia procedures w/o CC/MCC |
| Surgery, General | 353 | Hernia procedures except inguinal & femoral w MCC |
| Surgery, General | 354 | Hernia procedures except inguinal & femoral w CC |
| Surgery, General | 355 | Hernia procedures except inguinal & femoral w/o CC/MCC |
| Surgery, General | 356 | Other digestive system O.R. procedures w MCC |
| Surgery, General | 357 | Other digestive system O.R. procedures w CC |
| Surgery, General | 358 | Other digestive system O.R. procedures w/o CC/MCC |
| Surgery, General | 405 | Pancreas, liver & shunt procedures w MCC |
| Surgery, General | 406 | Pancreas, liver & shunt procedures w CC |
| Surgery, General | 407 | Pancreas, liver & shunt procedures w/o CC/MCC |
| Surgery, General | 408 | Biliary tract proc except only cholecyst w or w/o c.d.e. w MCC |
| Surgery, General | 409 | Biliary tract proc except only cholecyst w or w/o c.d.e. w CC |
| Surgery, General | 410 | Biliary tract proc except only cholecyst w or w/o c.d.e. w/o CC/MCC |
| Surgery, General | 411 | Cholecystectomy w c.d.e. w MCC |
| Surgery, General | 412 | Cholecystectomy w c.d.e. w CC |
| Surgery, General | 413 | Cholecystectomy w c.d.e. w/o CC/MCC |
| Surgery, General | 414 | Cholecystectomy except by laparoscope w/o c.d.e. w MCC |
| Surgery, General | 415 | Cholecystectomy except by laparoscope w/o c.d.e. w CC |
| Surgery, General | 416 | Cholecystectomy except by laparoscope w/o c.d.e. w/o CC/MCC |
| Surgery, General | 417 | Laparoscopic cholecystectomy w/o c.d.e. w MCC |
| Surgery, General | 418 | Laparoscopic cholecystectomy w/o c.d.e. w CC |
| Surgery, General | 419 | Laparoscopic cholecystectomy w/o c.d.e. w/o CC/MCC |
| Surgery, General | 420 | Hepatobiliary diagnostic procedures w MCC |
| Surgery, General | 421 | Hepatobiliary diagnostic procedures w CC |
| Surgery, General | 422 | Hepatobiliary diagnostic procedures w/o CC/MCC |
| Surgery, General | 423 | Other hepatobiliary or pancreas O.R. procedures w MCC |
| Surgery, General | 424 | Other hepatobiliary or pancreas O.R. procedures w CC |
| Surgery, General | 425 | Other hepatobiliary or pancreas O.R. procedures w/o CC/MCC |

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| Surgery, General | 573 | Skin graft &/or debrid for skn ulcer or cellulitis w MCC |
| Surgery, General | 574 | Skin graft &/or debrid for skn ulcer or cellulitis w CC |
| Surgery, General | 575 | Skin graft &/or debrid for skn ulcer or cellulitis w/o CC/MCC |
| Surgery, General | 576 | Skin graft &/or debrid exc for skin ulcer or cellulitis w MCC |
| Surgery, General | 577 | Skin graft &/or debrid exc for skin ulcer or cellulitis w CC |
| Surgery, General | 578 | Skin graft &/or debrid exc for skin ulcer or cellulitis w/o CC/MCC |
| Surgery, General | 579 | Other skin, subcut tiss & breast proc w MCC |
| Surgery, General | 580 | Other skin, subcut tiss & breast proc w CC |
| Surgery, General | 581 | Other skin, subcut tiss & breast proc w/o CC/MCC |
| Surgery, General | 582 | Mastectomy for malignancy w CC/MCC |
| Surgery, General | 583 | Mastectomy for malignancy w/o CC/MCC |
| Surgery, General | 584 | Breast biopsy, local excision & other breast procedures w CC/MCC |
| Surgery, General | 585 | Breast biopsy, local excision & other breast procedures w/o CC/MCC |
| Surgery, General | 614 | Adrenal & pituitary procedures w CC/MCC |
| Surgery, General | 615 | Adrenal & pituitary procedures w/o CC/MCC |
| Surgery, General | 616 | Amputat of lower limb for endocrine,nutrit,& metabol dis w MCC |
| Surgery, General | 617 | Amputat of lower limb for endocrine,nutrit,& metabol dis w CC |
| Surgery, General | 618 | Amputat of lower limb for endocrine,nutrit,& metabol dis w/o CC/MCC |
| Surgery, General | 619 | O.R. procedures for obesity w MCC |
| Surgery, General | 620 | O.R. procedures for obesity w CC |
| Surgery, General | 621 | O.R. procedures for obesity w/o CC/MCC |
| Surgery, General | 622 | Skin grafts & wound debrid for endoc, nutrit & metab dis w MCC |
| Surgery, General | 623 | Skin grafts & wound debrid for endoc, nutrit & metab dis w CC |
| Surgery, General | 624 | Skin grafts & wound debrid for endoc, nutrit & metab dis w/o CC/MCC |
| Surgery, General | 625 | Thyroid, parathyroid & thyroglossal procedures w MCC |
| Surgery, General | 626 | Thyroid, parathyroid & thyroglossal procedures w CC |
| Surgery, General | 627 | Thyroid, parathyroid & thyroglossal procedures w/o CC/MCC |
| Surgery, General | 628 | Other endocrine, nutrit & metab O.R. proc w MCC |
| Surgery, General | 629 | Other endocrine, nutrit & metab O.R. proc w CC |
| Surgery, General | 630 | Other endocrine, nutrit & metab O.R. proc w/o CC/MCC |
| Surgery, General | 799 | Splenectomy w MCC |
| Surgery, General | 800 | Splenectomy w CC |
| Surgery, General | 801 | Splenectomy w/o CC/MCC |
| Surgery, General | 802 | Other O.R. proc of the blood & blood forming organs w MCC |
| Surgery, General | 803 | Other O.R. proc of the blood & blood forming organs w CC |
| Surgery, General | 804 | Other O.R. proc of the blood & blood forming organs w/o CC/MCC |
| Surgery, General | 820 | Lymphoma & leukemia w major O.R. procedure w MCC |
| Surgery, General | 821 | Lymphoma & leukemia w major O.R. procedure w CC |
| Surgery, General | 822 | Lymphoma & leukemia w major O.R. procedure w/o CC/MCC |
| Surgery, General | 823 | Lymphoma & non-acute leukemia w other O.R. proc w MCC |
| Surgery, General | 824 | Lymphoma & non-acute leukemia w other O.R. proc w CC |
| Surgery, General | 825 | Lymphoma & non-acute leukemia w other O.R. proc w/o CC/MCC |
| Surgery, General | 826 | Myeloprolif disord or poorly diff neopl w maj O.R. proc w MCC |
| Surgery, General | 827 | Myeloprolif disord or poorly diff neopl w maj O.R. proc w CC |
| Surgery, General | 828 | Myeloprolif disord or poorly diff neopl w maj O.R. proc w/o CC/MCC |
| Surgery, General | 829 | Myeloprolif disord or poorly diff neopl w other O.R. proc w CC/MCC |
| Surgery, General | 830 | Myeloprolif disord or poorly diff neopl w other O.R. proc w/o CC/MCC |
| Surgery, General | 853 | Infectious & parasitic diseases w O.R. procedure w MCC |
| Surgery, General | 854 | Infectious & parasitic diseases w O.R. procedure w CC |
| Surgery, General | 855 | Infectious & parasitic diseases w O.R. procedure w/o CC/MCC |
| Surgery, General | 856 | Postoperative or post-traumatic infections w O.R. proc w MCC |
| Surgery, General | 857 | Postoperative or post-traumatic infections w O.R. proc w CC |
| Surgery, General | 858 | Postoperative or post-traumatic infections w O.R. proc w/o CC/MCC |

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| Surgery, General | 876 | O.R. procedure w principal diagnoses of mental illness |
| Surgery, General | 901 | Wound debridements for injuries w MCC |
| Surgery, General | 902 | Wound debridements for injuries w CC |
| Surgery, General | 903 | Wound debridements for injuries w/o CC/MCC |
| Surgery, General | 904 | Skin grafts for injuries w CC/MCC |
| Surgery, General | 905 | Skin grafts for injuries w/o CC/MCC |
| Surgery, General | 907 | Other O.R. procedures for injuries w MCC |
| Surgery, General | 908 | Other O.R. procedures for injuries w CC |
| Surgery, General | 909 | Other O.R. procedures for injuries w/o CC/MCC |
| Surgery, General | 939 | O.R. proc w diagnoses of other contact w health services w MCC |
| Surgery, General | 940 | O.R. proc w diagnoses of other contact w health services w CC |
| Surgery, General | 941 | O.R. proc w diagnoses of other contact w health services w/o CC/MCC |
| Surgery, General | 981 | Extensive O.R. procedure unrelated to principal diagnosis w MCC |
| Surgery, General | 982 | Extensive O.R. procedure unrelated to principal diagnosis w CC |
| Surgery, General | 983 | Extensive O.R. procedure unrelated to principal diagnosis w/o CC/MCC |
| Surgery, General | 984 | Prostatic O.R. procedure unrelated to principal diagnosis w MCC |
| Surgery, General | 985 | Prostatic O.R. procedure unrelated to principal diagnosis w CC |
| Surgery, General | 986 | Prostatic O.R. procedure unrelated to principal diagnosis w/o CC/MCC |
| Surgery, General | 987 | Non-extensive O.R. proc unrelated to principal diagnosis w MCC |
| Surgery, General | 988 | Non-extensive O.R. proc unrelated to principal diagnosis w CC |
| Surgery, General | 989 | Non-extensive O.R. proc unrelated to principal diagnosis w/o CC/MCC |
| Thoracic Surgery | 001 | Heart transplant or implant of heart assist system w MCC |
| Thoracic Surgery | 002 | Heart transplant or implant of heart assist system w/o MCC |
| Thoracic Surgery | 003 | ECMO or trach w MV 96+ hrs or PDX exc face, mouth & neck w maj O.R. |
| Thoracic Surgery | 004 | Trach w MV 96+ hrs or PDX exc face, mouth & neck w/o maj O.R. |
| Thoracic Surgery | 007 | Lung transplant |
| Thoracic Surgery | 011 | Tracheostomy for face,mouth & neck diagnoses w MCC |
| Thoracic Surgery | 012 | Tracheostomy for face,mouth & neck diagnoses w CC |
| Thoracic Surgery | 013 | Tracheostomy for face,mouth & neck diagnoses w/o CC/MCC |
| Thoracic Surgery | 163 | Major chest procedures w MCC |
| Thoracic Surgery | 164 | Major chest procedures w CC |
| Thoracic Surgery | 165 | Major chest procedures w/o CC/MCC |
| Thoracic Surgery | 166 | Other resp system O.R. procedures w MCC |
| Thoracic Surgery | 167 | Other resp system O.R. procedures w CC |
| Thoracic Surgery | 168 | Other resp system O.R. procedures w/o CC/MCC |
| Trauma, Burns, Poisoning | 183 | Major chest trauma w MCC |
| Trauma, Burns, Poisoning | 184 | Major chest trauma w CC |
| Trauma, Burns, Poisoning | 185 | Major chest trauma w/o CC/MCC |
| Trauma, Burns, Poisoning | 913 | Traumatic injury w MCC |
| Trauma, Burns, Poisoning | 914 | Traumatic injury w/o MCC |
| Trauma, Burns, Poisoning | 917 | Poisoning & toxic effects of drugs w MCC |
| Trauma, Burns, Poisoning | 918 | Poisoning & toxic effects of drugs w/o MCC |
| Trauma, Burns, Poisoning | 922 | Other injury, poisoning & toxic effect diag w MCC |
| Trauma, Burns, Poisoning | 923 | Other injury, poisoning & toxic effect diag w/o MCC |
| Trauma, Burns, Poisoning | 927 | Extensive burns or full thickness burns w MV 96+ hrs w skin graft |
| Trauma, Burns, Poisoning | 928 | Full thickness burn w skin graft or inhal inj w CC/MCC |
| Trauma, Burns, Poisoning | 929 | Full thickness burn w skin graft or inhal inj w/o CC/MCC |
| Trauma, Burns, Poisoning | 933 | Extensive burns or full thickness burns w MV 96+ hrs w/o skin graft |
| Trauma, Burns, Poisoning | 934 | Full thickness burn w/o skin grft or inhal inj |
| Trauma, Burns, Poisoning | 935 | Non-extensive burns |
| Trauma, Burns, Poisoning | 955 | Craniotomy for multiple significant trauma |
| Trauma, Burns, Poisoning | 956 | Limb reattachment, hip & femur proc for multiple significant trauma |
| Trauma, Burns, Poisoning | 957 | Other O.R. procedures for multiple significant trauma w MCC |

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| Trauma, Burns, Poisoning | 958 | Other O.R. procedures for multiple significant trauma w CC |
| Trauma, Burns, Poisoning | 959 | Other O.R. procedures for multiple significant trauma w/o CC/MCC |
| Trauma, Burns, Poisoning | 963 | Other multiple significant trauma w MCC |
| Trauma, Burns, Poisoning | 964 | Other multiple significant trauma w CC |
| Trauma, Burns, Poisoning | 965 | Other multiple significant trauma w/o CC/MCC |
| Urology | 652 | Kidney transplant |
| Urology | 653 | Major bladder procedures w MCC |
| Urology | 654 | Major bladder procedures w CC |
| Urology | 655 | Major bladder procedures w/o CC/MCC |
| Urology | 656 | Kidney & ureter procedures for neoplasm w MCC |
| Urology | 657 | Kidney & ureter procedures for neoplasm w CC |
| Urology | 658 | Kidney & ureter procedures for neoplasm w/o CC/MCC |
| Urology | 659 | Kidney & ureter procedures for non-neoplasm w MCC |
| Urology | 660 | Kidney & ureter procedures for non-neoplasm w CC |
| Urology | 661 | Kidney & ureter procedures for non-neoplasm w/o CC/MCC |
| Urology | 662 | Minor bladder procedures w MCC |
| Urology | 663 | Minor bladder procedures w CC |
| Urology | 664 | Minor bladder procedures w/o CC/MCC |
| Urology | 665 | Prostatectomy w MCC |
| Urology | 666 | Prostatectomy w CC |
| Urology | 667 | Prostatectomy w/o CC/MCC |
| Urology | 668 | Transurethral procedures w MCC |
| Urology | 669 | Transurethral procedures w CC |
| Urology | 670 | Transurethral procedures w/o CC/MCC |
| Urology | 671 | Urethral procedures w CC/MCC |
| Urology | 672 | Urethral procedures w/o CC/MCC |
| Urology | 673 | Other kidney & urinary tract procedures w MCC |
| Urology | 674 | Other kidney & urinary tract procedures w CC |
| Urology | 675 | Other kidney & urinary tract procedures w/o CC/MCC |
| Urology | 691 | Urinary stones w esw lithotripsy w CC/MCC |
| Urology | 692 | Urinary stones w esw lithotripsy w/o CC/MCC |
| Urology | 693 | Urinary stones w/o esw lithotripsy w MCC |
| Urology | 694 | Urinary stones w/o esw lithotripsy w/o MCC |
| Urology | 697 | Urethral stricture |
| Urology | 707 | Major male pelvic procedures w CC/MCC |
| Urology | 708 | Major male pelvic procedures w/o CC/MCC |
| Urology | 709 | Penis procedures w CC/MCC |
| Urology | 710 | Penis procedures w/o CC/MCC |
| Urology | 711 | Testes procedures w CC/MCC |
| Urology | 712 | Testes procedures w/o CC/MCC |
| Urology | 713 | Transurethral prostatectomy w CC/MCC |
| Urology | 714 | Transurethral prostatectomy w/o CC/MCC |
| Urology | 715 | Other male reproductive system O.R. proc for malignancy w CC/MCC |
| Urology | 716 | Other male reproductive system O.R. proc for malignancy w/o CC/MCC |
| Urology | 717 | Other male reproductive system O.R. proc exc malignancy w CC/MCC |
| Urology | 718 | Other male reproductive system O.R. proc exc malignancy w/o CC/MCC |
| Urology | 725 | Benign prostatic hypertrophy w MCC |
| Urology | 726 | Benign prostatic hypertrophy w/o MCC |
| Urology | 727 | Inflammation of the male reproductive system w MCC |
| Urology | 728 | Inflammation of the male reproductive system w/o MCC |
| Urology | 729 | Other male reproductive system diagnoses w CC/MCC |
| Urology | 730 | Other male reproductive system diagnoses w/o CC/MCC |
| Vascular Surgery | 034 | Carotid artery stent procedure w MCC |

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| Vascular Surgery | 035 | Carotid artery stent procedure w CC |
| Vascular Surgery | 036 | Carotid artery stent procedure w/o CC/MCC |
| Vascular Surgery | 037 | Extracranial procedures w MCC |
| Vascular Surgery | 038 | Extracranial procedures w CC |
| Vascular Surgery | 039 | Extracranial procedures w/o CC/MCC |
| Vascular Surgery | 239 | Amputation for circ sys disorders exc upper limb & toe w MCC |
| Vascular Surgery | 240 | Amputation for circ sys disorders exc upper limb & toe w CC |
| Vascular Surgery | 241 | Amputation for circ sys disorders exc upper limb & toe w/o CC/MCC |
| Vascular Surgery | 252 | Other vascular procedures w MCC |
| Vascular Surgery | 253 | Other vascular procedures w CC |
| Vascular Surgery | 254 | Other vascular procedures w/o CC/MCC |
| Vascular Surgery | 255 | Upper limb & toe amputation for circ system disorders w MCC |
| Vascular Surgery | 256 | Upper limb & toe amputation for circ system disorders w CC |
| Vascular Surgery | 257 | Upper limb & toe amputation for circ system disorders w/o CC/MCC |
| Vascular Surgery | 263 | Vein ligation & stripping |
| Vascular Surgery | 264 | Other circulatory system O.R. procedures |
| NONE | 998 | Principal diagnosis invalid as discharge diagnosis |
| NONE | 999 | Ungroupable |