

Hospital Inpatient Medical Conditions and Procedures – Adults Includes Readmissions except Cancer (excluding Mastectomy and Kidney/Ureter Removal)

Bones and Joints

1. **Back Problems** - APR-DRG code 347
2. **Disc Surgery** - APR-DRG code 310
3. **Femur Fracture Surgical Repair** - APR-DRG code 308
4. **Fracture of Pelvis or Dislocation of Hip** - APR-DRG code 341
5. **Hip Replacement** - APR- DRG code 301
6. **Knee Replacement** - APR-DRG code 302
7. **Leg Amputation** - APR- DRG code 305
8. **Shoulder, Upper Arm and Forearm Procedures** - APR- DRG code 315
9. **Spinal Fusion** - APR-DRG codes 303, 304 and 321
10. **Tibia/Fibula Fracture Repair** - APR- DRG code 313

Brain and Nervous System

1. **Craniotomy (brain surgery)** - APR-DRG codes 20 and 21
2. **Stroke** - APR-DRG codes 44 and 45
3. **Transient Cerebral Ischemia** - APR-DRG code 47

Cancer

1. **Acute Leukemia** - APR-DRG code 690
2. **Bone Marrow Transplant** - APR-DRG code 3
3. **Brain Cancer** - APR-DRG code 41
4. **Chemotherapy** - APR-DRG code 693
5. **Digestive System Cancer** - APR-DRG code 240
6. **Female Reproductive Cancer** - APR-DRG code 530
7. **Kidney / Ureter Removal** - APR-DRG code 442
8. **Leukemia / Lymphoma, Non – Surgical** - APR-DRG codes 691 and 694
9. **Leukemia / Lymphoma, Surgical** - APR-DRG code 681
10. **Liver/Pancreatic Cancer** - APR-DRG code 281
11. **Lung Cancer** - APR-DRG code 136
12. **Mastectomy** - APR-DRG code 362

Diabetes/Endocrinology/Metabolism

1. **Diabetes** - APR-DRG code 420

General Medical Information

1. **Acute Pancreatitis** - APR-DRG code 282
2. **Cellulitis** - APR-DRG code 383
3. **Convulsions (Seizures)** - APR-DRG code 53
4. **Diverticulosis / Diverticulitis** - APR-DRG code 244
5. **Gastrointestinal Hemorrhage** - APR-DRG codes 241, 242 and 253
6. **Hypovolemia (Low Blood Volume)** - APR-DRG code 422
7. **Inflammatory Bowel Disease** - APR-DRG code 245
8. **Migraine and Other Headaches** - APR-DRG code 54
9. **Non-Bacterial Gastroenteritis, Nausea and Vomiting** - APR-DRG code 249
10. **Renal Failure** - APR-DRG code 460
11. **Septicemia (blood poisoning)** - APR-DRG codes 720 and 724
12. **Sickle Cell Disease** - APR-DRG code 662
13. **Syncope (fainting)** - APR-DRG code 204
14. **Urinary Stones** - APR-DRG code 465
15. **Urinary Tract Infection** - APR-DRG code 463

Heart and Circulatory System

1. **Angina Pectoris and Coronary Atherosclerosis** -APR-DRG codes 198
2. **Angioplasty** - APR-DRG codes 174 and 175
3. **Cardiac Catheterization** - APR-DRG codes 191 and 192
4. **Cardiac Defibrillator and Heart Assist Anomaly** - APR-DRG code 161
5. **Cardiac Pacemaker Implant** - APR-DRG code 171
6. **Cardiac Valve Procedures without Cardiac Catheterization** - APR-DRG code 163
7. **Chest Pain** - APR-DRG code 203
8. **Coronary Bypass Surgery** - APR-DRG codes 165 and 166
9. **Heart Attack** - APR-DRG code 190
10. **Heart Failure** - APR-DRG code 194
11. **High Blood Pressure** - APR-DRG code 199
12. **Irregular Heartbeat** - APR-DRG code 201
13. **Major Thoracic and Abdominal Vascular Procedures** - APR-DRG code 169
14. **Peripheral Vascular Disease (PVD)** - APR-DRG code 197
15. **Pulmonary Edema and Respiratory Failure** - APR-DRG code 133

Lungs

1. **Asthma** - APR-DRG code 141
2. **Chronic Obstructive Pulmonary Disease, COPD (pulmonary disease)** - APR-DRG code 140
3. **Lung and Chest Procedures** - APR-DRG codes 120 and 121
4. **Pneumonia** - APR-DRG code 139
5. **Pneumonitis, Aspiration** - APR-DRG code 137

Surgery

1. **Appendectomy** - APR-DRG code 225
2. **Arteriovenostomy (renal dialysis)** - APR-DRG code 444
3. **Gall Bladder Removal** - APR-DRG 262
4. **Heart and/or Lung Transplant** - APR-DRG code 2
5. **Hernia Repair** - APR-DRG code 227
6. **Inguinal, Femoral and Umbilical Hernia Procedures** - APR-DRG code 228
7. **Kidney/Pancreas Transplant** - APR-DRG codes 6 and 440
8. **Laparoscopic Gall Bladder Removal** - APR-DRG code 263
9. **Liver Transplant** - APR-DRG code 1
10. **Major Small and Large Bowel Procedures** - APR-DRG code 221
11. **Major Stomach, Esophageal and Duodenal Procedures** - APR-DRG code 220
12. **Minor Small and Large Bowel Procedures** - APR-DRG code 223
13. **Obesity Procedures** - APR-DRG code 403
14. **Peritoneal Adhesiolysis** - APR-DRG code 224
15. **Radical Prostatectomy** - APR-DRG code 480
16. **Thyroid, Parathyroid and Thyroglossal Procedures** - APR-DRG code 404
17. **Transurethral Prostatectomy** - APR-DRG code 482
18. **Urethral and Transurethral Procedures** - APR-DRG code 446

Women's Health

1. **Hysterectomies and Other Uterine and Adnexa Procedures** - APR-DRG codes 511, 512, 513 and 519

Hospital Inpatient Medical Conditions and Procedures - Deliveries and Newborns

1. **Baby with Complications** - APR-DRG codes 583, 588, 589, 591, 593, 602, 603, 607, 608, 609, 611, 612, 613, 614, 621, 622, 623, 625, 626, 630, 631, 633, 634, 636, 639, 640 (APR-DRG 640 is limited to Severity Levels 2, 3 and 4)
2. **Cesarean Section Delivery** - APR-DRG code 540 - The data for cesarean deliveries include all ages.
3. **Normal Baby** - APR-DRG code 640 (limited to Severity Level 1)
4. **Vaginal Delivery** - APR-DRG code 560 - The data for vaginal deliveries include all ages.

Hospital Inpatient Medical Conditions and Procedures – Pediatrics Includes Readmissions except Cancer Care

1. **Appendectomy** – Ages 1-17 years - APR-DRG code 225 (limited to Severity Level 1, minor)
2. **Asthma** – Ages 2-17 years - Inclusions: ICD-9-CM principal diagnosis codes of asthma, 49300, 49301, 49302, 49310, 49311, 49312, 49320, 49321, 49322, 49381, 49382, 49390, 49391, and 49392. Exclusions: Excludes those patients with a diagnosis code for cystic fibrosis and anomalies of the respiratory system. Excludes transfers from other institutions. Excludes cases ages 0-1. Excludes cases in MDC 14 (obstetrics).
3. **Brain Surgery** – Ages 0-17 years - APR-DRG codes 20, 21, and 22 – Ages 0-17 (excluding birth hospitalizations and newborn transfers less than or equal to 28 days old).
4. **Bronchiolitis and RSV Pneumonia** – Ages 0-4 years - APR-DRG code 138 – Ages 0-4 (excluding birth hospitalizations and newborn transfers less than or equal to 28 days old).
5. **Cancer Care** – Ages 0-17 years - APR-DRG codes 680, 681, 690, 691, 692, 693, 694, and 41 – Ages 0-17 (excluding birth hospitalizations and newborn transfers less than or equal to 28 days old).
6. **Cellulitis** – Ages 0-17 years - APR-DRG code 383 (excluding birth hospitalizations and newborn transfers less than or equal to 28 days old).
7. **Convulsions (Seizures)** – Ages 0-4 years and 5-17 years - APR-DRG code 53 – Ages 0-4 (excluding birth hospitalizations and newborn transfers less than or equal to 28 days old) and ages 5-17.
8. **Diabetes** – Ages 6-17 years - Inclusions: All non-maternal discharges ages 6 to 17 years with ICD-9-CM principal diagnosis codes for short-term complications (ketoacidosis, hyperosmolarity, coma) including 25010, 25011, 25012, 25013, 25020, 25021, 25022, 25023, 25030, 25031, 25032, and 25033. Exclusions: Excludes transfers from other institutions. Excludes cases in MDC 14 (obstetrics).
9. **Fever and Infectious Illness** – Ages 0-17 years - APR-DRG codes 722, 723, and 113 – Ages 0-17 (excluding birth hospitalizations and newborn transfers less than or equal to 28 days old).
10. **Gastroenteritis** – Ages 1 year – 4 years and 5-17 years - Inclusions: All non-maternal discharges ages 1 year-4 years and 5-17 years with ICD-9-CM principal diagnosis code for gastroenteritis or with a secondary diagnosis code of gastroenteritis and a principal diagnosis code of dehydration. ICD-9-CM gastroenteritis diagnosis codes 00861, 00862, 00863, 00864, 00865, 00866, 00867, 00869, 0088, 0090, 0091, 0092, 0093, and 5589. ICD-9-CM dehydration diagnosis codes 27650, 27651, 27652, and 2765. Exclusions: Excludes transfers from other institutions. Exclude those with a diagnosis code of gastrointestinal abnormalities or bacterial gastroenteritis. Excludes ages less than 1 year (or neonates if age in days is missing). Excludes cases in MDC 14 (obstetrics).
11. **Pneumonia, Other** – Ages 2-17 years - APR 139. Inclusions: Includes ages 2-17. Exclusions: Excludes transfers from other institutions. Exclude cases in MDC 14 (obstetrics). Excludes those patients with a diagnosis code for cystic fibrosis and anomalies of the respiratory system.
12. **Sickle Cell Disease** – Ages 1-17 years - APR-DRG code 662 – Ages 1-17.
13. **Spinal Fusion** – Ages 5-17 years - APR-DRG codes 303, 304, and 321 – Ages 5-17 years.
14. **Urinary Tract Infections** – Ages 1 year to 17 years - Inclusions: All non-maternal discharges ages 1 year to 17 years with ICD-9-CM urinary tract principal diagnosis codes 59010, 59011, 5902, 5903, 59080, 59081, 5909, 5950, 5959, 5990. Exclusions: Excludes transfers from other institutions. Exclude those patients with a diagnosis code of kidney/urinary tract disorder and with a diagnosis code of high or intermediate-risk immunocompromised state. Excludes ages less than 1 year (or neonates if age in days is missing). Excludes cases in MDC 14 (obstetrics).
15. **Viral Meningitis** – Ages 0-17 years - APR-DRG code 51 – Ages 0-17 years (excluding birth hospitalizations and newborn transfers less than or equal to 28 days old).

AHRQ Mortality Inpatient Procedures

1. **Abdominal Aortic Aneurysm Repair (AAA) Mortality** - IQI 11
2. **Carotid Endarterectomy Mortality** - IQI 31
3. **Coronary Artery Bypass Graft (CABG) Mortality** - IQI 12
4. **Craniotomy Mortality (Surgical opening of the skull)** - IQI 13
5. **Esophageal Resection Mortality (Surgical Removal of the Throat)** - IQI 8
6. **Hip Replacement Mortality** - IQI 14
7. **Pancreatic Resection Mortality (Surgical Removal of the Pancreas)** - IQI 9
8. **PTCA Mortality** - IQI 30

AHRQ Mortality Inpatient Conditions

1. **Acute Myocardial Infarction (Heart Attack)** - IQI 15
2. **Acute Myocardial Infarction (Heart Attack), Without Transfer Cases** - IQI 32
3. **Acute Stroke Mortality** - IQI 17
4. **Congestive Heart Failure (CHF) Mortality** - IQI 16
5. **Gastrointestinal (GI) Hemorrhage Mortality** - IQI 18
6. **Hip Fracture Mortality** - IQI 19
7. **Pneumonia Mortality** - IQI 20

AHRQ Patient Safety Indicators - Complication and Infection

1. **Decubitus Ulcer** - PSI 3
2. **Iatrogenic Pneumothorax** - PSI 6
3. **Postoperative Hip Fracture** - PSI 8
4. **Postoperative Pulmonary Embolism or Deep Vein Thrombosis** - PSI 12

AHRQ Pediatric Quality Indicators

1. **Accidental Puncture or Laceration** - PDI 1
2. **Pediatric Heart Surgery Mortality** - PDI 6
3. **Pediatric Heart Surgery Volume** - PDI 7

Healthcare-associated Infections (HAIs) – All Ages

1. **Central Line Associated Bloodstream Infection (CLABSI)**
2. **Catheter Associated Urinary Tract Infection (CAUTI)**
3. **Surgical Site Infection from Colon Surgery (SSI: Colon)**
4. **Surgical Site Infection from Hysterectomy (SSI: Hysterectomy)**
5. **Methicillin-resistant Staphylococcus aureus (MRSA) – effective January 2014**
6. **Clostridium difficile Infections (C. diff.) – effective January 2014**

Physician Volume Reporting

1. **Total Hip Replacement** – Principal Procedure ICD-9 Code 81.51
2. **Total Knee Replacement** – Principal Procedure ICD-9 Code 81.54
3. **Coronary Artery Bypass Graft (CABG)** – Principal Procedure ICD-9 Codes 36.10-36.19
4. **Angioplasty (PTCA)** – Principal Procedure Code 00.66
5. **Spinal Fusion** - Principal Procedure Code 81.00-81.08

Hospital Consumer Assessment of Healthcare Providers and Systems (HCAHPS)

1. **How do patients rate the hospital overall?**
2. **Would patients recommend the hospital to friends and family?**
3. **How often did nurses communicate well with patients?**
4. **How often did doctors communicate well with patients?**
5. **How often did patients receive help quickly from hospital staff?**
6. **How often was patients' pain well controlled?**
7. **How often did staff explain about medicines before giving them to patients?**
8. **How often patients' rooms and bathrooms were kept clean?**
9. **How often the area around patients' rooms was kept quiet at night?**
10. **Were patients given information about what to do during their recovery at home?**
11. **Did patients understand their care when they left the hospital?**
12. **Summary Rating (new April 2015)**

Ambulatory (Outpatient) Surgery Centers Procedures/ Surgeries – Adults

Levels of complexity

Level I	– Short treatment time in the operating room. Few laboratory tests or radiology procedures ordered. Few expensive disposable devices used, if any.
Level II	– Laboratory tests and radiology procedures typically ordered as part of procedure. Disposable devices may consume significant resources. Increased length of time in the operating room.
Level III	– Laboratory tests and radiology procedures ordered as part of a procedure. Disposable devices consume significant resources. Longer stay in the operating room than levels I and II.
Level IV	– Procedure of major complexity. Treatment and resources used are extensive. Thus, Level IV EAPGs are frequently performed in an inpatient setting, not in an outpatient setting.

Bones and Joints

1. **Arthroscopy, Level I** – EAPG 37
2. **Arthroscopy, Level II** – EAPG 38
3. **Bunion Procedures** – EAPG 45
4. **Open or Percutaneous Treatment of Fractures** – EAPG 43

Digestive System

1. **Colonoscopy, Therapeutic** – EAPG 137
2. **Endoscopy of the Lower Airway** – EAPG 64
3. **Endoscopy of the Upper Airway, Level I** – EAPG 62
4. **Endoscopy of the Upper Airway, Level II** – EAPG 63
5. **Hernia Repair, Level I** – EAPG 139
6. **Hernia Repair, Level II** – EAPG 140
7. **Lower Gastrointestinal Endoscopy, Diagnostic** – EAPG 136
8. **Upper Gastrointestinal (GI) Endoscopy or Intubation, Diagnostic** – EAPG 134
9. **Upper Gastrointestinal (GI) Endoscopy or Intubation, Therapeutic** – EAPG 135

Eyes

1. **Cataract Procedures** – EAPG 233
2. **Laser Eye Procedures** – EAPG 232
3. **Vitreotomy** – EAPG 242

General Surgery

1. **Facial and Ear, Nose and Throat Procedures, Level I** – EAPG 252
2. **Facial and Ear, Nose and Throat Procedures, Level II** – EAPG 253
3. **Facial and Ear, Nose and Throat Procedures, Level III** – EAPG 254
4. **Facial and Ear, Nose and Throat Procedures, Level IV** – EAPG 255
5. **Tonsil and Adenoid Procedures** – EAPG 256

Heart and Circulatory System

1. **Cardiac Catheterization, Diagnostic** – EAPG 84
2. **Pacemaker Insertion and Replacement** – EAPG 86

Kidneys and Urologic System

1. **Bladder and Kidney Procedures, Level I** – EAPG 163
2. **Bladder and Kidney Procedures, Level II** – EAPG 164
3. **Bladder and Kidney Procedures, Level III** – EAPG 165
4. **Extracorporeal Shock Wave Lithotripsy** – EAPG 160

Skin

1. **Excision and Biopsy of Skin and Soft Tissue, Level I** – EAPG 9
2. **Excision and Biopsy of Skin and Soft Tissue, Level II** – EAPG 10
3. **Excision and Biopsy of Skin and Soft Tissue, Level III** – EAPG 11
4. **Skin Debridement and Destruction, Level I** – EAPG 6
5. **Skin Debridement and Destruction, Level II** – EAPG 7
6. **Skin Debridement and Destruction, Level III** – EAPG 8

Women's Health

1. **Breast Procedure, Level I** – EAPG 20
2. **Breast Procedure, Level II** – EAPG 21
3. **Breast Procedure, Level III** – EAPG 22
4. **Hysteroscopy** – EAPG 200

Ambulatory (Outpatient) Surgery Centers Procedures/ Surgeries – Pediatrics

Bones and Joints

1. **Arthroscopy, Level I** – EAPG 37
2. **Arthroscopy, Level II** – EAPG 38
3. **Open or Percutaneous Treatment of Fractures** – EAPG 43

Digestive System

1. **Endoscopy of the Lower Airway** – EAPG 64
2. **Endoscopy of the Upper Airway, Level I** – EAPG 62
3. **Endoscopy of the Upper Airway, Level II** – EAPG 63
4. **Hernia Repair, Level I** – EAPG 139
5. **Hernia Repair, Level II** – EAPG 140
6. **Lower Gastrointestinal (GI) Endoscopy, Diagnostic** – EAPG 136
7. **Upper Gastrointestinal (GI) Endoscopy or Intubation, Diagnostic** – EAPG 134
8. **Upper Gastrointestinal (GI) Endoscopy or Intubation, Therapeutic** – EAPG 135

Eyes

1. **Strabismus (Repair of Cross-Eyed) and Muscle Eye Procedures** – EAPG 239

General Surgery

1. **Circumcision** – EAPG 181
2. **Facial and Ear, Nose and Throat Procedures, Level I** – EAPG 252
3. **Facial and Ear, Nose and Throat Procedures, Level II** – EAPG 253
4. **Facial and Ear, Nose and Throat Procedures, Level III** – EAPG 254
5. **Facial and Ear, Nose and Throat Procedures, Level IV** – EAPG 255
6. **Tonsil and Adenoid Procedures** – EAPG 256