

***HCUP Summary Statistics Report: NIS 2019 Severity File  
Means of Continuous Data Elements***

13:11 Tuesday, August 24, 2021 1

| Variable / Label                                                            | N         | Minimum | Maximum | Mean     | Median | Sum             |
|-----------------------------------------------------------------------------|-----------|---------|---------|----------|--------|-----------------|
| HOSP_NIS : NIS hospital number                                              | 7,083,805 | 10,001  | 90,530  | 51,142.0 | 50,326 | 362,279,684,544 |
| APRDRG : All Patient Refined DRG                                            | 7,083,805 | 1       | 956     | 410.2    | 383    | 2,905,591,394   |
| APRDRG_Risk_Mortality : All Patient Refined DRG: Risk of Mortality Subclass | 7,083,805 | 0       | 4       | 1.8      | 1      | 12,783,302      |
| APRDRG_Severity : All Patient Refined DRG: Severity of Illness Subclass     | 7,083,805 | 0       | 4       | 2.0      | 2      | 14,448,161      |

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***HCUP Summary Statistics Report: NIS 2019 Severity File  
Frequency Distribution for APRDRG***

| <b>APRDRG</b>                                                       | <b>Frequency</b> | <b>Percent of Total</b> |
|---------------------------------------------------------------------|------------------|-------------------------|
| 1: Liver transplant &/or intestinal transplant                      | 1,677            | 0.02%                   |
| 2: Heart &/or lung transplant                                       | 1,218            | 0.02%                   |
| 4: Tracheostomy w MV 96+ hours w extensive procedure                | 7,311            | 0.10%                   |
| 5: Tracheostomy w MV 96+ hours w/o extensive procedure              | 6,792            | 0.10%                   |
| 6: Pancreas transplant                                              | 189              | 0.00%                   |
| 7: Allogeneic bone marrow transplant                                | 1,736            | 0.02%                   |
| 8: Autologous bone marrow transplant or T-cell immunotherapy        | 2,754            | 0.04%                   |
| 9: Extracorporeal membrane oxygenation (ECMO)                       | 345              | 0.00%                   |
| 20: Open craniotomy for trauma                                      | 3,700            | 0.05%                   |
| 21: Open craniotomy except trauma                                   | 23,173           | 0.33%                   |
| 22: Ventricular shunt procedures                                    | 4,028            | 0.06%                   |
| 23: Spinal procedures                                               | 5,960            | 0.08%                   |
| 24: Open extracranial vascular procedures                           | 15,088           | 0.21%                   |
| 26: Other nervous system & related procedures                       | 3,940            | 0.06%                   |
| 27: Other open craniotomy                                           | 1,928            | 0.03%                   |
| 29: Other percutaneous intracranial procedures                      | 3,544            | 0.05%                   |
| 30: Percutaneous intra & extracranial vascular procedures           | 15,259           | 0.22%                   |
| 40: Spinal disorders & injuries                                     | 2,952            | 0.04%                   |
| 41: Nervous system malignancy                                       | 9,709            | 0.14%                   |
| 42: Degenerative nervous system disorders exc mult sclerosis        | 27,930           | 0.39%                   |
| 43: Multiple sclerosis & other demyelinating diseases               | 6,369            | 0.09%                   |
| 44: Intracranial hemorrhage                                         | 18,577           | 0.26%                   |
| 45: CVA & precerebral occlusion w infarct                           | 99,594           | 1.41%                   |
| 46: Nonspecific CVA & precerebral occlusion w/o infarct             | 3,140            | 0.04%                   |
| 47: Transient ischemia                                              | 17,570           | 0.25%                   |
| 48: Peripheral, cranial & autonomic nerve disorders                 | 14,642           | 0.21%                   |
| 49: Bacterial & tuberculous infections of nervous system            | 3,700            | 0.05%                   |
| 50: Non-bacterial infections of nervous system exc viral meningitis | 4,155            | 0.06%                   |
| 51: Viral meningitis                                                | 2,214            | 0.03%                   |
| 52: Alteration in consciousness                                     | 30,067           | 0.42%                   |

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**Frequency Distribution for APRDRG**

| APRDRG                                                                                        | Frequency | Percent of Total |
|-----------------------------------------------------------------------------------------------|-----------|------------------|
| 53: Seizure                                                                                   | 56,243    | 0.79%            |
| 54: Migraine & other headaches                                                                | 11,952    | 0.17%            |
| 55: Head trauma w coma >1 hr or hemorrhage                                                    | 25,581    | 0.36%            |
| 56: Brain contusion/laceration & complicated skull Fx, coma < 1 hr or no coma                 | 549       | 0.01%            |
| 57: Concussion, closed skull Fx NOS,uncomplicated intracranial injury, coma < 1 hr or no coma | 5,528     | 0.08%            |
| 58: Other disorders of nervous system                                                         | 42,167    | 0.60%            |
| 59: Anoxic & other severe brain damage                                                        | 1,245     | 0.02%            |
| 73: Orbit & eye procedures                                                                    | 1,817     | 0.03%            |
| 82: Eye infections & other eye disorders                                                      | 6,412     | 0.09%            |
| 89: Major cranial/facial bone procedures                                                      | 3,536     | 0.05%            |
| 91: Other major head & neck procedures                                                        | 2,666     | 0.04%            |
| 92: Facial bone procedures except major cranial/facial bone procedures                        | 4,020     | 0.06%            |
| 95: Cleft lip & palate repair                                                                 | 643       | 0.01%            |
| 97: Tonsil & adenoid procedures                                                               | 2,019     | 0.03%            |
| 98: Other ear, nose, mouth & throat procedures                                                | 6,015     | 0.08%            |
| 110: Ear, nose, mouth, throat, cranial/facial malignancies                                    | 1,950     | 0.03%            |
| 111: Vertigo & other labyrinth disorders                                                      | 7,749     | 0.11%            |
| 113: Infections of upper respiratory tract                                                    | 28,808    | 0.41%            |
| 114: Dental diseases & disorders                                                              | 2,455     | 0.03%            |
| 115: Other ear, nose, mouth,throat & cranial/facial diagnoses                                 | 13,539    | 0.19%            |
| 120: Major respiratory & chest procedures                                                     | 8,279     | 0.12%            |
| 121: Other respiratory & chest procedures                                                     | 17,514    | 0.25%            |
| 130: Respiratory system diagnosis w ventilator support 96+ hours                              | 10,863    | 0.15%            |
| 131: Cystic fibrosis - pulmonary disease                                                      | 3,611     | 0.05%            |
| 132: BPD & oth chronic respiratory diseases arising in perinatal period                       | 1,554     | 0.02%            |
| 133: Respiratory failure                                                                      | 94,636    | 1.34%            |
| 134: Pulmonary embolism                                                                       | 36,892    | 0.52%            |
| 135: Major chest & respiratory trauma                                                         | 17,225    | 0.24%            |
| 136: Respiratory malignancy                                                                   | 16,841    | 0.24%            |
| 137: Major respiratory infections & inflammations                                             | 47,653    | 0.67%            |

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Frequency Distribution for APRDRG***

| <b>APRDRG</b>                                                                | <b>Frequency</b> | <b>Percent of Total</b> |
|------------------------------------------------------------------------------|------------------|-------------------------|
| 138: Bronchiolitis & RSV pneumonia                                           | 21,511           | 0.30%                   |
| 139: Other pneumonia                                                         | 132,802          | 1.87%                   |
| 140: Chronic obstructive pulmonary disease                                   | 104,876          | 1.48%                   |
| 141: Asthma                                                                  | 33,530           | 0.47%                   |
| 142: Interstitial & alveolar lung diseases                                   | 6,689            | 0.09%                   |
| 143: Other respiratory diagnoses except signs, symptoms & minor diagnoses    | 22,166           | 0.31%                   |
| 144: Respiratory signs, symptoms & minor diagnoses                           | 9,053            | 0.13%                   |
| 145: Acute bronchitis & related symptoms                                     | 13,188           | 0.19%                   |
| 160: Major cardiothoracic repair of heart anomaly                            | 1,281            | 0.02%                   |
| 161: Implantable heart assist systems                                        | 724              | 0.01%                   |
| 162: Cardiac valve procedures w AMI or complex PDX                           | 3,050            | 0.04%                   |
| 163: Cardiac valve procedures w/o AMI or complex PDX                         | 16,446           | 0.23%                   |
| 165: Coronary bypass w AMI or complex PDX                                    | 11,803           | 0.17%                   |
| 166: Coronary bypass w/o AMI or complex PDX                                  | 22,539           | 0.32%                   |
| 167: Other cardiothoracic & thoracic vascular procedures                     | 5,655            | 0.08%                   |
| 169: Major abdominal vascular procedures                                     | 7,587            | 0.11%                   |
| 170: Permanent cardiac pacemaker implant w AMI, heart failure or shock       | 360              | 0.01%                   |
| 171: Perm cardiac pacemaker implant w/o AMI, heart failure or shock          | 20,416           | 0.29%                   |
| 174: Percutaneous cardiac intervention w AMI                                 | 62,061           | 0.88%                   |
| 175: Percutaneous cardiac intervention w/o AMI                               | 44,598           | 0.63%                   |
| 176: Insertion, revision & replacements of pacemaker & other cardiac devices | 2,435            | 0.03%                   |
| 177: Cardiac pacemaker & defibrillator revision except device replacement    | 945              | 0.01%                   |
| 178: External heart assist systems                                           | 2,246            | 0.03%                   |
| 179: Defibrillator implants                                                  | 8,811            | 0.12%                   |
| 180: Other circulatory system procedures                                     | 5,819            | 0.08%                   |
| 181: Lower extremity arterial procedures                                     | 14,613           | 0.21%                   |
| 182: Other peripheral vascular procedures                                    | 32,422           | 0.46%                   |
| 183: Percutaneous structural cardiac procedures                              | 16,436           | 0.23%                   |
| 190: Acute myocardial infarction                                             | 56,032           | 0.79%                   |
| 191: Cardiac catheterization for coronary artery disease                     | 15,601           | 0.22%                   |

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| <b>APRDRG</b>                                                                | <b>Frequency</b> | <b>Percent of Total</b> |
|------------------------------------------------------------------------------|------------------|-------------------------|
| 192: Cardiac catheterization for other non-coronary conditions               | 46,503           | 0.66%                   |
| 193: Acute & subacute endocarditis                                           | 1,957            | 0.03%                   |
| 194: Heart failure                                                           | 228,727          | 3.23%                   |
| 196: Cardiac arrest & shock                                                  | 4,989            | 0.07%                   |
| 197: Peripheral & other vascular disorders                                   | 30,545           | 0.43%                   |
| 198: Angina pectoris & coronary atherosclerosis                              | 22,259           | 0.31%                   |
| 199: Hypertension                                                            | 30,845           | 0.44%                   |
| 200: Cardiac structural & valvular disorders                                 | 3,761            | 0.05%                   |
| 201: Cardiac arrhythmia & conduction disorders                               | 101,571          | 1.43%                   |
| 203: Chest pain                                                              | 16,050           | 0.23%                   |
| 204: Syncope & collapse                                                      | 27,198           | 0.38%                   |
| 205: Cardiomyopathy                                                          | 1,106            | 0.02%                   |
| 206: Malfunction, reaction, complication of cardiac/vasc device or procedure | 9,217            | 0.13%                   |
| 207: Other circulatory system diagnoses                                      | 20,382           | 0.29%                   |
| 220: Major stomach, esophageal & duodenal procedures                         | 14,297           | 0.20%                   |
| 222: Other stomach, esophageal & duodenal procedures                         | 3,436            | 0.05%                   |
| 223: Other small & large bowel procedures                                    | 6,429            | 0.09%                   |
| 224: Peritoneal adhesiolysis                                                 | 7,458            | 0.11%                   |
| 226: Anal procedures                                                         | 2,644            | 0.04%                   |
| 227: Hernia procedures except inguinal, femoral & umbilical                  | 13,172           | 0.19%                   |
| 228: Inguinal, femoral & umbilical hernia procedures                         | 5,965            | 0.08%                   |
| 229: Other digestive system & abdominal procedures                           | 7,050            | 0.10%                   |
| 230: Major small bowel procedures                                            | 30,161           | 0.43%                   |
| 231: Major large bowel procedures                                            | 44,223           | 0.62%                   |
| 232: Gastric fundoplication                                                  | 558              | 0.01%                   |
| 233: Appendectomy with complex principal diagnosis                           | 10,636           | 0.15%                   |
| 234: Appendectomy without complex principal diagnosis                        | 13,747           | 0.19%                   |
| 240: Digestive malignancy                                                    | 15,753           | 0.22%                   |
| 241: Peptic ulcer & gastritis                                                | 44,138           | 0.62%                   |
| 242: Major esophageal disorders                                              | 9,204            | 0.13%                   |

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| <b>APRDRG</b>                                                                   | <b>Frequency</b> | <b>Percent of Total</b> |
|---------------------------------------------------------------------------------|------------------|-------------------------|
| 243: Other esophageal disorders                                                 | 12,093           | 0.17%                   |
| 244: Diverticulitis & diverticulosis                                            | 45,756           | 0.65%                   |
| 245: Inflammatory bowel disease                                                 | 16,276           | 0.23%                   |
| 246: Gastrointestinal vascular insufficiency                                    | 5,845            | 0.08%                   |
| 247: Intestinal obstruction                                                     | 51,781           | 0.73%                   |
| 248: Major gastrointestinal & peritoneal infections                             | 27,074           | 0.38%                   |
| 249: Other gastroenteritis, nausea & vomiting                                   | 51,011           | 0.72%                   |
| 251: Abdominal pain                                                             | 10,211           | 0.14%                   |
| 252: Malfunction, reaction & complication of GI device or procedure             | 11,146           | 0.16%                   |
| 253: Other & unspecified gastrointestinal hemorrhage                            | 34,654           | 0.49%                   |
| 254: Other digestive system diagnoses                                           | 54,397           | 0.77%                   |
| 260: Major pancreas, liver & shunt procedures                                   | 6,301            | 0.09%                   |
| 261: Major biliary tract procedures                                             | 1,090            | 0.02%                   |
| 263: Cholecystectomy                                                            | 50,317           | 0.71%                   |
| 264: Other hepatobiliary, pancreas & abdominal procedures                       | 2,104            | 0.03%                   |
| 279: Hepatic coma & other major acute liver disorders                           | 19,374           | 0.27%                   |
| 280: Alcoholic liver disease                                                    | 21,246           | 0.30%                   |
| 281: Malignancy of hepatobiliary system & pancreas                              | 12,673           | 0.18%                   |
| 282: Disorders of pancreas except malignancy                                    | 53,672           | 0.76%                   |
| 283: Other disorders of the liver                                               | 17,297           | 0.24%                   |
| 284: Disorders of gallbladder & biliary tract                                   | 23,372           | 0.33%                   |
| 301: Hip joint replacement                                                      | 120,687          | 1.70%                   |
| 302: Knee joint replacement                                                     | 123,789          | 1.75%                   |
| 303: Dorsal & lumbar fusion proc for curvature of back                          | 4,409            | 0.06%                   |
| 304: Dorsal & lumbar fusion proc except for curvature of back                   | 54,750           | 0.77%                   |
| 305: Amputation of lower limb except toes                                       | 16,330           | 0.23%                   |
| 308: Hip & femur fracture repair                                                | 49,287           | 0.70%                   |
| 309: Other significant hip & femur surgery                                      | 7,927            | 0.11%                   |
| 310: Intervertebral disc excision & decompression                               | 11,679           | 0.16%                   |
| 312: Skin graft, except hand, for musculoskeletal & connective tissue diagnoses | 1,981            | 0.03%                   |

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Frequency Distribution for APRDRG***

| <b>APRDRG</b>                                                            | <b>Frequency</b> | <b>Percent of Total</b> |
|--------------------------------------------------------------------------|------------------|-------------------------|
| 313: Knee & lower leg procedures except foot                             | 31,569           | 0.45%                   |
| 314: Foot & toe procedures                                               | 16,962           | 0.24%                   |
| 315: Shoulder, upper arm & forearm procedures except joint replacement   | 14,159           | 0.20%                   |
| 316: Hand & wrist procedures                                             | 5,103            | 0.07%                   |
| 317: Tendon, muscle & other soft tissue procedures                       | 7,866            | 0.11%                   |
| 320: Other musculoskeletal system & connective tissue procedures         | 13,616           | 0.19%                   |
| 321: Cervical spinal fusion & other back/neck proc exc disc excis/decomp | 30,322           | 0.43%                   |
| 322: Shoulder & elbow joint replacement                                  | 28,183           | 0.40%                   |
| 340: Fracture of femur                                                   | 6,835            | 0.10%                   |
| 341: Fracture of pelvis or dislocation of hip                            | 7,381            | 0.10%                   |
| 342: Fractures & dislocations except femur, pelvis & back                | 15,516           | 0.22%                   |
| 343: Musculoskeletal malignancy & pathol fracture d/t muscskel malig     | 6,370            | 0.09%                   |
| 344: Osteomyelitis, septic arthritis & other musculoskeletal infections  | 14,521           | 0.20%                   |
| 346: Connective tissue disorders                                         | 8,218            | 0.12%                   |
| 347: Other back & neck disorders, fractures & injuries                   | 38,493           | 0.54%                   |
| 349: Malfunction, reaction, complic of orthopedic device or procedure    | 6,959            | 0.10%                   |
| 351: Other musculoskeletal system & connective tissue diagnoses          | 32,907           | 0.46%                   |
| 361: Skin graft for skin & subcutaneous tissue diagnoses                 | 5,789            | 0.08%                   |
| 362: Mastectomy procedures                                               | 5,325            | 0.08%                   |
| 363: Breast procedures except mastectomy                                 | 2,897            | 0.04%                   |
| 364: Other skin, subcutaneous tissue & related procedures                | 18,565           | 0.26%                   |
| 380: Skin ulcers                                                         | 11,898           | 0.17%                   |
| 381: Major skin disorders                                                | 2,038            | 0.03%                   |
| 382: Malignant breast disorders                                          | 2,001            | 0.03%                   |
| 383: Cellulitis & other skin infections                                  | 85,040           | 1.20%                   |
| 384: Contusion, open wound & other trauma to skin & subcutaneous tissue  | 10,422           | 0.15%                   |
| 385: Other skin, subcutaneous tissue & breast disorders                  | 8,404            | 0.12%                   |
| 401: Adrenal procedures                                                  | 1,219            | 0.02%                   |
| 403: Procedures for obesity                                              | 37,506           | 0.53%                   |
| 404: Thyroid, parathyroid & thyroglossal procedures                      | 3,420            | 0.05%                   |

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|------------------------------------------------------------------------|------------------|-------------------------|
| 405: Other procedures for endocrine, nutritional & metabolic disorders | 1,677            | 0.02%                   |
| 420: Diabetes                                                          | 76,741           | 1.08%                   |
| 421: Malnutrition, failure to thrive & other nutritional disorders     | 9,314            | 0.13%                   |
| 422: Hypovolemia & related electrolyte disorders                       | 21,438           | 0.30%                   |
| 423: Inborn errors of metabolism                                       | 1,966            | 0.03%                   |
| 424: Other endocrine disorders                                         | 5,768            | 0.08%                   |
| 425: Other non-hypovolemic electrolyte disorders                       | 27,303           | 0.39%                   |
| 426: Non-hypovolemic sodium disorders                                  | 31,446           | 0.44%                   |
| 427: Thyroid disorders                                                 | 3,412            | 0.05%                   |
| 440: Kidney transplant                                                 | 4,212            | 0.06%                   |
| 441: Major bladder procedures                                          | 2,965            | 0.04%                   |
| 442: Kidney & urinary tract procedures for malignancy                  | 9,077            | 0.13%                   |
| 443: Kidney & urinary tract procedures for nonmalignancy               | 10,728           | 0.15%                   |
| 444: Renal dialysis access device procedures & vessel repair           | 2,459            | 0.03%                   |
| 445: Other bladder procedures                                          | 2,133            | 0.03%                   |
| 446: Urethral & transurethral procedures                               | 10,805           | 0.15%                   |
| 447: Other kidney, urinary tract & related procedures                  | 1,662            | 0.02%                   |
| 461: Kidney & urinary tract malignancy                                 | 2,772            | 0.04%                   |
| 462: Nephritis & nephrosis                                             | 2,381            | 0.03%                   |
| 463: Kidney & urinary tract infections                                 | 98,890           | 1.40%                   |
| 465: Urinary stones & acquired upper urinary tract obstruction         | 13,641           | 0.19%                   |
| 466: Malfunction, reaction, complic of genitourinary device or proc    | 42,824           | 0.60%                   |
| 468: Other kidney & urinary tract diagnoses, signs & symptoms          | 10,419           | 0.15%                   |
| 469: Acute kidney injury                                               | 106,522          | 1.50%                   |
| 470: Chronic kidney disease                                            | 10,155           | 0.14%                   |
| 480: Major male pelvic procedures                                      | 5,576            | 0.08%                   |
| 482: Transurethral prostatectomy                                       | 3,060            | 0.04%                   |
| 483: Penis, testes & scrotal procedures                                | 1,907            | 0.03%                   |
| 484: Other male reproductive system & related procedures               | 4,069            | 0.06%                   |
| 500: Malignancy, male reproductive system                              | 1,265            | 0.02%                   |

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|------------------------------------------------------------------------------------------------|------------------|-------------------------|
| 501: Male reproductive system diagnoses except malignancy                                      | 6,496            | 0.09%                   |
| 510: Pelvic evisceration, radical hysterectomy & other radical GYN procs                       | 995              | 0.01%                   |
| 511: Uterine & adnexa procedures for ovarian & adnexal malignancy                              | 2,783            | 0.04%                   |
| 512: Uterine & adnexa procedures for non-ovarian & non-adnexal malig                           | 3,159            | 0.04%                   |
| 513: Uterine & adnexa procedures for non-malignancy except leiomyoma                           | 14,852           | 0.21%                   |
| 514: Female reproductive system reconstructive procedures                                      | 1,212            | 0.02%                   |
| 517: Dilation & curettage for non-obstetric diagnoses                                          | 1,106            | 0.02%                   |
| 518: Other female reproductive system & related procedures                                     | 2,332            | 0.03%                   |
| 519: Uterine & adnexa procedures for leiomyoma                                                 | 13,951           | 0.20%                   |
| 530: Female reproductive system malignancy                                                     | 3,300            | 0.05%                   |
| 531: Female reproductive system infections                                                     | 3,649            | 0.05%                   |
| 532: Menstrual & other female reproductive system disorders                                    | 3,889            | 0.05%                   |
| 539: Cesarean section w Sterilization                                                          | 37,631           | 0.53%                   |
| 540: Cesarean section w/o sterilization                                                        | 190,316          | 2.69%                   |
| 541: Vaginal delivery w sterilization &/or D&C                                                 | 9,098            | 0.13%                   |
| 542: Vaginal delivery w O.R. procedure except sterilization &/or D&C                           | 16,722           | 0.24%                   |
| 543: Abortion w D&C, aspiration curettage or hysterotomy                                       | 1,550            | 0.02%                   |
| 547: Antepartum w O.R. procedure                                                               | 4,350            | 0.06%                   |
| 548: Postpartum & post abortion diagnosis w O.R. procedure                                     | 2,991            | 0.04%                   |
| 560: Vaginal delivery                                                                          | 457,629          | 6.46%                   |
| 561: Postpartum & post abortion diagnoses w/o procedure                                        | 15,685           | 0.22%                   |
| 564: Abortion w/o D&C, aspiration curettage or hysterotomy                                     | 1,721            | 0.02%                   |
| 566: Antepartum w/o O.R. procedure                                                             | 41,472           | 0.59%                   |
| 580: Neonate, transferred <5 days old, not born here                                           | 466              | 0.01%                   |
| 581: Neonate, transferred < 5 days old, born here                                              | 10,604           | 0.15%                   |
| 583: Neonate w ECMO                                                                            | 206              | 0.00%                   |
| 588: Neonate bwt <1500g w major procedure                                                      | 532              | 0.01%                   |
| 589: Neonate bwt < 500g, or bwt 500-999g & gestational age <24 wks, or bwt 500-749g w major an | 1,150            | 0.02%                   |
| 591: Neonate birthwt 500-749g w/o major procedure                                              | 987              | 0.01%                   |
| 593: Neonate birthwt 750-999g w/o major procedure                                              | 1,777            | 0.03%                   |

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|-------------------------------------------------------------------------|------------------|-------------------------|
| 602: Neonate bwt 1000-1249g w resp dist synd/oth maj resp or maj anom   | 2,060            | 0.03%                   |
| 603: Neonate birthwt 1000-1249g w or w/o other significant condition    | 844              | 0.01%                   |
| 607: Neonate bwt 1250-1499g w resp dist synd/oth maj resp or maj anom   | 2,187            | 0.03%                   |
| 608: Neonate bwt 1250-1499g w or w/o other significant condition        | 831              | 0.01%                   |
| 609: Neonate bwt 1500-2499g w major procedure                           | 410              | 0.01%                   |
| 611: Neonate birthwt 1500-1999g w major anomaly                         | 1,188            | 0.02%                   |
| 612: Neonate bwt 1500-1999g w resp dist synd/oth maj resp cond          | 3,875            | 0.05%                   |
| 613: Neonate birthwt 1500-1999g w congenital/perinatal infection        | 246              | 0.00%                   |
| 614: Neonate bwt 1500-1999g w or w/o other significant condition        | 5,986            | 0.08%                   |
| 621: Neonate bwt 2000-2499g w major anomaly                             | 1,662            | 0.02%                   |
| 622: Neonate bwt 2000-2499g w resp dist synd/oth maj resp cond          | 3,858            | 0.05%                   |
| 623: Neonate bwt 2000-2499g w congenital/perinatal infection            | 400              | 0.01%                   |
| 625: Neonate bwt 2000-2499g w other significant condition               | 3,530            | 0.05%                   |
| 626: Neonate bwt 2000-2499g, normal newborn or neonate w other problem  | 22,547           | 0.32%                   |
| 630: Neonate birthwt >2499g w major cardiovascular procedure            | 574              | 0.01%                   |
| 631: Neonate birthwt >2499g w other major procedure                     | 979              | 0.01%                   |
| 633: Neonate birthwt >2499g w major anomaly                             | 10,031           | 0.14%                   |
| 634: Neonate, birthwt >2499g w resp dist synd/oth maj resp cond         | 12,637           | 0.18%                   |
| 636: Neonate birthwt >2499g w congenital/perinatal infection            | 3,385            | 0.05%                   |
| 639: Neonate birthwt >2499g w other significant condition               | 15,926           | 0.22%                   |
| 640: Neonate birthwt >2499g, normal newborn or neonate w other problem  | 627,987          | 8.87%                   |
| 650: Splenectomy                                                        | 903              | 0.01%                   |
| 651: Other procedures of blood & blood-forming organs                   | 1,150            | 0.02%                   |
| 660: Major hematologic/immunologic diag exc sickle cell crisis & coagul | 18,640           | 0.26%                   |
| 661: Coagulation & platelet disorders                                   | 9,568            | 0.14%                   |
| 662: Sickle cell anemia crisis                                          | 18,032           | 0.25%                   |
| 663: Other anemia & disorders of blood & blood-forming organs           | 37,785           | 0.53%                   |
| 680: Major O.R. procedures for lymphatic/hematopoietic/other neoplasms  | 3,286            | 0.05%                   |
| 681: Other O.R. procedures for lymphatic/hematopoietic/other neoplasms  | 4,647            | 0.07%                   |
| 690: Acute leukemia                                                     | 5,726            | 0.08%                   |

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***HCUP Summary Statistics Report: NIS 2019 Severity File  
Frequency Distribution for APRDRG***

| <b>APRDRG</b>                                                         | <b>Frequency</b> | <b>Percent of Total</b> |
|-----------------------------------------------------------------------|------------------|-------------------------|
| 691: Lymphoma, myeloma & non-acute leukemia                           | 9,847            | 0.14%                   |
| 692: Radiotherapy                                                     | 315              | 0.00%                   |
| 694: Lymphatic & other malignancies & neoplasms of uncertain behavior | 5,933            | 0.08%                   |
| 695: Chemotherapy for acute leukemia                                  | 6,385            | 0.09%                   |
| 696: Other chemotherapy                                               | 21,110           | 0.30%                   |
| 710: Infectious & parasitic diseases including HIV w O.R. procedure   | 52,495           | 0.74%                   |
| 711: Post-op, post-trauma, other device infections w O.R. procedure   | 14,134           | 0.20%                   |
| 720: Septicemia & disseminated infections                             | 401,224          | 5.66%                   |
| 721: Post-operative, post-traumatic, other device infections          | 26,559           | 0.37%                   |
| 722: Fever & inflammatory conditions                                  | 7,785            | 0.11%                   |
| 723: Viral illness                                                    | 8,831            | 0.12%                   |
| 724: Other infectious & parasitic diseases                            | 8,495            | 0.12%                   |
| 740: Mental illness diagnosis w O.R. procedure                        | 877              | 0.01%                   |
| 750: Schizophrenia                                                    | 63,684           | 0.90%                   |
| 751: Major depressive disorders & other/unspecified psychoses         | 92,933           | 1.31%                   |
| 752: Disorders of personality & impulse control                       | 2,606            | 0.04%                   |
| 753: Bipolar disorders                                                | 61,866           | 0.87%                   |
| 754: Depression except major depressive disorder                      | 23,348           | 0.33%                   |
| 755: Adjustment disorders & neuroses except depressive diagnoses      | 9,324            | 0.13%                   |
| 756: Acute anxiety & delirium states                                  | 10,326           | 0.15%                   |
| 757: Organic mental health disturbances                               | 1,980            | 0.03%                   |
| 758: Behavioral disorders                                             | 3,901            | 0.06%                   |
| 759: Eating disorders                                                 | 1,079            | 0.02%                   |
| 760: Other mental health disorders                                    | 2,402            | 0.03%                   |
| 770: Drug & alcohol abuse or dependence, left against medical advice  | 10,231           | 0.14%                   |
| 772: Alcohol & drug dependence w rehab or rehab/detox therapy         | 7,122            | 0.10%                   |
| 773: Opioid abuse & dependence                                        | 14,139           | 0.20%                   |
| 774: Cocaine abuse & dependence                                       | 5,346            | 0.08%                   |
| 775: Alcohol abuse & dependence                                       | 49,312           | 0.70%                   |
| 776: Other drug abuse & dependence                                    | 7,356            | 0.10%                   |

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***HCUP Summary Statistics Report: NIS 2019 Severity File  
Frequency Distribution for APRDRG***

| <b>APRDRG</b>                                                                | <b>Frequency</b> | <b>Percent of Total</b> |
|------------------------------------------------------------------------------|------------------|-------------------------|
| 792: Extensive OR procedures for other complications of treatment            | 4,488            | 0.06%                   |
| 793: Moderately extensive OR procedures for other complications of treatment | 6,936            | 0.10%                   |
| 794: Non-extensive OR procedures for other complications of treatment        | 1,257            | 0.02%                   |
| 810: Hemorrhage or hematoma due to complication                              | 3,737            | 0.05%                   |
| 811: Allergic reactions                                                      | 5,642            | 0.08%                   |
| 812: Poisoning of medicinal agents                                           | 22,537           | 0.32%                   |
| 813: Other complications of treatment                                        | 12,549           | 0.18%                   |
| 815: Other injury, poisoning & toxic effect diagnoses                        | 3,898            | 0.06%                   |
| 816: Toxic effects of non-medicinal substances                               | 10,082           | 0.14%                   |
| 817: Intentional self-harm & attempted suicide                               | 21,795           | 0.31%                   |
| 841: Extensive 3rd degree burns w skin graft                                 | 236              | 0.00%                   |
| 842: Burns w skin graft except extensive 3rd degree burns                    | 2,849            | 0.04%                   |
| 843: Extensive 3rd degree burns w/o skin graft                               | 734              | 0.01%                   |
| 844: Partial thickness burns w/o skin graft                                  | 2,324            | 0.03%                   |
| 850: Procedure w diag of rehab, aftercare or oth contact w health service    | 6,214            | 0.09%                   |
| 860: Rehabilitation                                                          | 14,865           | 0.21%                   |
| 861: Signs, symptoms & other factors influencing health status               | 30,966           | 0.44%                   |
| 862: Other aftercare & convalescence                                         | 34,021           | 0.48%                   |
| 863: Neonatal aftercare                                                      | 540              | 0.01%                   |
| 890: HIV w multiple major HIV related conditions                             | 4,455            | 0.06%                   |
| 892: HIV w major HIV related condition                                       | 3,626            | 0.05%                   |
| 893: HIV w multiple significant HIV related conditions                       | 699              | 0.01%                   |
| 894: HIV w one signif HIV cond or w/o signif related cond                    | 1,582            | 0.02%                   |
| 910: Craniotomy for multiple significant trauma                              | 1,008            | 0.01%                   |
| 911: Extensive abdominal/thoracic procedures for mult significant trauma     | 3,306            | 0.05%                   |
| 912: Musculoskeletal & other procedures for multiple significant trauma      | 10,874           | 0.15%                   |
| 930: Multiple significant trauma w/o O.R. procedure                          | 9,037            | 0.13%                   |
| 950: Extensive procedure unrelated to principal diagnosis                    | 14,045           | 0.20%                   |
| 951: Moderately extensive procedure unrelated to principal diagnosis         | 19,014           | 0.27%                   |
| 952: Nonextensive procedure unrelated to principal diagnosis                 | 7,057            | 0.10%                   |

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***HCUP Summary Statistics Report: NIS 2019 Severity File***  
***Frequency Distribution for APRDRG***

| <b>APRDRG</b>                                           | <b>Frequency</b> | <b>Percent of Total</b> |
|---------------------------------------------------------|------------------|-------------------------|
| 955: Principal diagnosis invalid as discharge diagnosis | 106              | 0.00%                   |
| 956: Ungroupable                                        | 5,371            | 0.08%                   |

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***HCUP Summary Statistics Report: NIS 2019 Severity File  
Frequency Distribution for APRDRG\_RISK\_MORTALITY***

| <b>APRDRG_Risk_Mortality</b>    | <b>Frequency</b> | <b>Percent of Total</b> |
|---------------------------------|------------------|-------------------------|
| 0: No class specified           | 5,477            | 0.08%                   |
| 1: Minor likelihood of dying    | 3,728,590        | 52.64%                  |
| 2: Moderate likelihood of dying | 1,555,518        | 21.96%                  |
| 3: Major likelihood of dying    | 1,233,204        | 17.41%                  |
| 4: Extreme likelihood of dying  | 561,016          | 7.92%                   |

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***HCUP Summary Statistics Report: NIS 2019 Severity File  
Frequency Distribution for APRDRG\_SEVERITY***

| <b>APRDRG_Severity</b>                                                          | <b>Frequency</b> | <b>Percent of Total</b> |
|---------------------------------------------------------------------------------|------------------|-------------------------|
| 0: No class specified                                                           | 5,477            | 0.08%                   |
| 1: Minor loss of function (includes cases with no comorbidity or complications) | 2,354,211        | 33.23%                  |
| 2: Moderate loss of function                                                    | 2,665,057        | 37.62%                  |
| 3: Major loss of function                                                       | 1,472,404        | 20.79%                  |
| 4: Extreme loss of function                                                     | 586,656          | 8.28%                   |

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