# HCUP Summary Statistics Report: KID 2016 - Severity File Means of Continuous Data Elements

Variable / Label	N	N Miss	Minimum	Maximum	Mean	Std Dev
HOSP_KID : KID hospital number	3,117,413	0	10,001.00	40,944.00	27,305.14	10,147.02
APRDRG : All Patient Refined DRG	3,117,413	0	1.00	956.00	516.06	220.80
APRDRG_Risk_Mortality : All Patient Refined DRG: Risk of Mortality Subclass	3,117,413	0	0.00	4.00	1.18	0.53
APRDRG_Severity : All Patient Refined DRG: Severity of Illness Subclass	3,117,413	0	0.00	4.00	1.75	0.82

APRDRG	Frequency	Percent of Total
1: Liver transplant &/or intestinal transplant	486	0.02%
2: Heart &/or lung transplant	427	0.01%
3: Bone marrow transplant	1,944	0.06%
4: Tracheostomy w MV 96+ hours w extensive procedure or ECMO	2,544	0.08%
5: Tracheostomy w MV 96+ hours w/o extensive procedure	745	0.02%
6: Pancreas transplant	<= 10	*.**%
20: Craniotomy for trauma	1,417	0.05%
21: Craniotomy except for trauma	9,696	0.31%
22: Ventricular shunt procedures	4,508	0.14%
23: Spinal procedures	4,103	0.13%
24: Extracranial vascular procedures	427	0.01%
26: Other nervous system & related procedures	2,298	0.07%
40: Spinal disorders & injuries	795	0.03%
41: Nervous system malignancy	1,057	0.03%
42: Degenerative nervous system disorders exc mult sclerosis	1,768	0.06%
43: Multiple sclerosis & other demyelinating diseases	1,057	0.03%
44: Intracranial hemorrhage	687	0.02%
45: CVA & precerebral occlusion w infarct	711	0.02%
46: Nonspecific CVA & precerebral occlusion w/o infarct	34	0.00%
47: Transient ischemia	153	0.00%
48: Peripheral, cranial & autonomic nerve disorders	1,244	0.04%
49: Bacterial & tuberculous infections of nervous system	1,643	0.05%
50: Non-bacterial infections of nervous system exc viral meningitis	3,138	0.10%
51: Viral meningitis	3,829	0.12%
52: Nontraumatic stupor & coma	2,741	0.09%
53: Seizure	52,869	1.70%
54: Migraine & other headaches	8,367	0.27%
55: Head trauma w coma >1 hr or hemorrhage	6,307	0.20%
56: Brain contusion/laceration & complicated skull Fx, coma < 1 hr or no coma	253	0.01%
57: Concussion, closed skull Fx nos,uncomplicated intracranial injury, coma < 1 hr or no coma	6,670	0.21%

APRDRG	Frequency	Percent of Total
58: Other disorders of nervous system	8,259	0.26%
70: Orbital procedures	523	0.02%
73: Eye procedures except orbit	1,038	0.03%
80: Acute major eye infections	1,227	0.04%
82: Eye disorders except major infections	2,801	0.09%
89: Major cranial/facial bone procedures	4,337	0.14%
90: Major larynx & trachea procedures	1,100	0.04%
91: Other major head & neck procedures	109	0.00%
92: Facial bone procedures except major cranial/facial bone procedures	5,150	0.17%
93: Sinus & mastoid procedures	632	0.02%
95: Cleft lip & palate repair	1,423	0.05%
97: Tonsil & adenoid procedures	7,879	0.25%
98: Other ear, nose, mouth & throat procedures	6,458	0.21%
110: Ear, nose, mouth, throat, cranial/facial malignancies	137	0.00%
111: Vertigo & other labyrinth disorders	254	0.01%
113: Infections of upper respiratory tract	33,777	1.08%
114: Dental & oral diseases & injuries	5,259	0.17%
115: Other ear, nose, mouth,throat & cranial/facial diagnoses	6,206	0.20%
120: Major respiratory & chest procedures	2,970	0.10%
121: Other respiratory & chest procedures	3,543	0.11%
130: Respiratory system diagnosis w ventilator support 96+ hours	5,077	0.16%
131: Cystic fibrosis - pulmonary disease	6,753	0.22%
132: BPD & oth chronic respiratory diseases arising in perinatal period	4,100	0.13%
133: Respiratory failure	14,791	0.47%
134: Pulmonary embolism	1,063	0.03%
135: Major chest & respiratory trauma	2,006	0.06%
136: Respiratory malignancy	228	0.01%
137: Major respiratory infections & inflammations	6,395	0.21%
138: Bronchiolitis & RSV pneumonia	71,656	2.30%
139: Other pneumonia	58,987	1.89%

APRDRG	Frequency	Percent of Total
140: Chronic obstructive pulmonary disease	429	0.01%
141: Asthma	64,308	2.06%
142: Interstitial & alveolar lung diseases	517	0.02%
143: Other respiratory diagnoses except signs, symptoms & minor diagnoses	10,630	0.34%
144: Respiratory signs, symptoms & minor diagnoses	9,267	0.30%
160: Major cardiothoracic repair of heart anomaly	2,665	0.09%
161: Cardiac defibrillator & heart assist implant	311	0.01%
162: Cardiac valve procedures w AMI or complex PDX	279	0.01%
163: Cardiac valve procedures w/o AMI or complex PDX	2,829	0.09%
165: Coronary bypass w AMI or complex PDX	<= 10	*.**%
166: Coronary bypass w/o AMI or complex PDX	27	0.00%
167: Other cardiothoracic & thoracic vascular procedures	6,675	0.21%
169: Major abdominal vascular procedures	252	0.01%
170: Permanent cardiac pacemaker implant w AMI, heart failure or shock	<= 10	*.**%
171: Perm cardiac pacemaker implant w/o AMI, heart failure or shock	337	0.01%
174: Percutaneous coronary intervention w AMI	13	0.00%
175: Percutaneous coronary intervention w/o AMI	1,175	0.04%
176: Cardiac pacemaker & defibrillator device replacement	194	0.01%
177: Cardiac pacemaker & defibrillator revision except device replacement	86	0.00%
180: Other circulatory system procedures	340	0.01%
181: Lower extremity arterial procedures	436	0.01%
182: Other peripheral vascular procedures	3,029	0.10%
190: Acute myocardial infarction	114	0.00%
191: Cardiac catheterization for coronary artery disease	27	0.00%
192: Cardiac catheterization for other non-coronary conditions	1,487	0.05%
193: Acute & subacute endocarditis	228	0.01%
194: Heart failure	1,054	0.03%
196: Cardiac arrest & shock	414	0.01%
197: Peripheral & other vascular disorders	1,375	0.04%
198: Angina pectoris & coronary atherosclerosis	53	0.00%

APRDRG	Frequency	Percent of Total
199: Hypertension	750	0.02%
200: Cardiac structural & valvular disorders	1,210	0.04%
201: Cardiac arrhythmia & conduction disorders	3,898	0.13%
203: Chest pain	1,001	0.03%
204: Syncope & collapse	2,583	0.08%
205: Cardiomyopathy	306	0.01%
206: Malfunction,reaction,complication of cardiac/vasc device or procedure	1,278	0.04%
207: Other circulatory system diagnoses	3,074	0.10%
220: Major stomach, esophageal & duodenal procedures	1,922	0.06%
221: Major small & large bowel procedures	7,063	0.23%
222: Other stomach, esophageal & duodenal procedures	7,886	0.25%
223: Other small & large bowel procedures	4,739	0.15%
224: Peritoneal adhesiolysis	849	0.03%
225: Appendectomy	38,661	1.24%
226: Anal procedures	743	0.02%
227: Hernia procedures except inguinal, femoral & umbilical	904	0.03%
228: Inguinal, femoral & umbilical hernia procedures	1,366	0.04%
229: Other digestive system & abdominal procedures	1,303	0.04%
240: Digestive malignancy	110	0.00%
241: Peptic ulcer & gastritis	3,459	0.11%
242: Major esophageal disorders	491	0.02%
243: Other esophageal disorders	5,492	0.18%
244: Diverticulitis & diverticulosis	147	0.00%
245: Inflammatory bowel disease	7,479	0.24%
246: Gastrointestinal vascular insufficiency	308	0.01%
247: Intestinal obstruction	6,965	0.22%
248: Major gastrointestinal & peritoneal infections	10,126	0.32%
249: Other gastroenteritis, nausea & vomiting	31,126	1.00%
251: Abdominal pain	5,836	0.19%
252: Malfunction, reaction & complication of GI device or procedure	2,429	0.08%

APRDRG	Frequency	Percent of Total
253: Other & unspecified gastrointestinal hemorrhage	1,624	0.05%
254: Other digestive system diagnoses	20,119	0.65%
260: Major pancreas, liver & shunt procedures	643	0.02%
261: Major biliary tract procedures	507	0.02%
262: Cholecystectomy except laparoscopic	232	0.01%
263: Laparoscopic cholecystectomy	7,325	0.23%
264: Other hepatobiliary, pancreas & abdominal procedures	576	0.02%
279: Hepatic coma & other major acute liver disorders	1,131	0.04%
280: Alcoholic liver disease	14	0.00%
281: Malignancy of hepatobiliary system & pancreas	176	0.01%
282: Disorders of pancreas except malignancy	6,251	0.20%
283: Other disorders of the liver	2,791	0.09%
284: Disorders of gallbladder & biliary tract	2,475	0.08%
301: Hip joint replacement	450	0.01%
302: Knee joint replacement	212	0.01%
303: Dorsal & lumbar fusion proc for curvature of back	8,701	0.28%
304: Dorsal & lumbar fusion proc except for curvature of back	1,311	0.04%
305: Amputation of lower limb except toes	391	0.01%
308: Hip & femur fracture repair	7,134	0.23%
309: Other significant hip & femur surgery	8,058	0.26%
310: Intervertebral disc excision & decompression	754	0.02%
312: Skin graft, except hand, for musculoskeletal & connective tissue diagnoses	529	0.02%
313: Knee & lower leg procedures except foot	9,835	0.32%
314: Foot & toe procedures	2,429	0.08%
315: Shoulder, upper arm & forearm procedures except joint replacement	9,614	0.31%
316: Hand & wrist procedures	1,648	0.05%
317: Tendon, muscle & other soft tissue procedures	2,427	0.08%
320: Other musculoskeletal system & connective tissue procedures	2,970	0.10%
321: Cervical spinal fusion & other back/neck proc exc disc excis/decomp	1,027	0.03%
322: Shoulder & elbow joint replacement	35	0.00%

APRDRG	Frequency	Percent of Total
340: Fracture of femur	826	0.03%
341: Fracture of pelvis or dislocation of hip	630	0.02%
342: Fractures & dislocations except femur, pelvis & back	4,217	0.14%
343: Musculoskeletal malignancy & pathol fracture d/t muscskel malig	838	0.03%
344: Osteomyelitis, septic arthritis & other musculoskeletal infections	3,256	0.10%
346: Connective tissue disorders	7,616	0.24%
347: Other back & neck disorders, fractures & injuries	3,576	0.11%
349: Malfunction, reaction, complic of orthopedic device or procedure	279	0.01%
351: Other musculoskeletal system & connective tissue diagnoses	8,415	0.27%
361: Skin graft for skin & subcutaneous tissue diagnoses	1,446	0.05%
362: Mastectomy procedures	15	0.00%
363: Breast procedures except mastectomy	165	0.01%
364: Other skin, subcutaneous tissue & related procedures	6,494	0.21%
380: Skin ulcers	266	0.01%
381: Major skin disorders	2,634	0.08%
382: Malignant breast disorders	<= 10	*.**%
383: Cellulitis & other skin infections	30,248	0.97%
384: Contusion, open wound & other trauma to skin & subcutaneous tissue	4,085	0.13%
385: Other skin, subcutaneous tissue & breast disorders	4,694	0.15%
401: Pituitary & adrenal procedures	710	0.02%
403: Procedures for obesity	1,734	0.06%
404: Thyroid, parathyroid & thyroglossal procedures	680	0.02%
405: Other procedures for endocrine, nutritional & metabolic disorders	393	0.01%
420: Diabetes	37,275	1.20%
421: Malnutrition, failure to thrive & other nutritional disorders	12,583	0.40%
422: Hypovolemia & related electrolyte disorders	13,762	0.44%
423: Inborn errors of metabolism	1,850	0.06%
424: Other endocrine disorders	4,156	0.13%
425: Electrolyte disorders except hypovolemia related	2,249	0.07%
440: Kidney transplant	679	0.02%

APRDRG	Frequency	Percent of Total
441: Major bladder procedures	1,114	0.04%
442: Kidney & urinary tract procedures for malignancy	501	0.02%
443: Kidney & urinary tract procedures for nonmalignancy	6,107	0.20%
444: Renal dialysis access device procedure only	53	0.00%
445: Other bladder procedures	337	0.01%
446: Urethral & transurethral procedures	681	0.02%
447: Other kidney, urinary tract & related procedures	320	0.01%
461: Kidney & urinary tract malignancy	180	0.01%
462: Nephritis & nephrosis	3,245	0.10%
463: Kidney & urinary tract infections	27,939	0.90%
465: Urinary stones & acquired upper urinary tract obstruction	1,992	0.06%
466: Malfunction, reaction, complic of genitourinary device or proc	2,083	0.07%
468: Other kidney & urinary tract diagnoses, signs & symptoms	1,885	0.06%
469: Acute kidney injury	3,451	0.11%
470: Chronic kidney disease	988	0.03%
480: Major male pelvic procedures	26	0.00%
481: Penis procedures	447	0.01%
482: Transurethral prostatectomy	<= 10	*.**%
483: Testes & scrotal procedures	1,020	0.03%
484: Other male reproductive system & related procedures	33	0.00%
500: Malignancy, male reproductive system	50	0.00%
501: Male reproductive system diagnoses except malignancy	1,140	0.04%
510: Pelvic evisceration, radical hysterectomy & other radical GYN procs	<= 10	*.**%
511: Uterine & adnexa procedures for ovarian & adnexal malignancy	130	0.00%
512: Uterine & adnexa procedures for non-ovarian & non-adnexal malig	12	0.00%
513: Uterine & adnexa procedures for non-malignancy except leiomyoma	2,879	0.09%
514: Female reproductive system reconstructive procedures	56	0.00%
517: Dilation & curettage for non-obstetric diagnoses	77	0.00%
518: Other female reproductive system & related procedures	880	0.03%
519: Uterine & adnexa procedures for leiomyoma	48	0.00%

APRDRG	Frequency	Percent of Total
530: Female reproductive system malignancy	52	0.00%
531: Female reproductive system infections	2,220	0.07%
532: Menstrual & other female reproductive system disorders	2,051	0.07%
540: Cesarean delivery	53,034	1.70%
541: Vaginal delivery w sterilization &/or D&C	1,891	0.06%
542: Vaginal delivery w complicating procedures exc sterilization &/or D&C	4,742	0.15%
544: D&C, aspiration curettage or hysterotomy for obstetric diagnoses	722	0.02%
545: Ectopic pregnancy procedure	427	0.01%
546: Other O.R. proc for obstetric diagnoses except delivery diagnoses	401	0.01%
560: Vaginal delivery	190,471	6.11%
561: Postpartum & post abortion diagnoses w/o procedure	3,168	0.10%
563: Preterm labor	3,888	0.12%
564: Abortion w/o D&C, aspiration curettage or hysterotomy	353	0.01%
565: False labor	973	0.03%
566: Other antepartum diagnoses	15,541	0.50%
580: Neonate, transferred <5 days old, not born here	1,935	0.06%
581: Neonate, transferred < 5 days old, born here	42,095	1.35%
583: Neonate w ECMO	770	0.02%
588: Neonate bwt <1500g w major procedure	2,703	0.09%
589: Neonate bwt <500g or GA <24 weeks	6,372	0.20%
591: Neonate birthwt 500-749g w/o major procedure	3,938	0.13%
593: Neonate birthwt 750-999g w/o major procedure	7,185	0.23%
602: Neonate bwt 1000-1249g w resp dist synd/oth maj resp or maj anom	7,090	0.23%
603: Neonate birthwt 1000-1249g w or w/o other significant condition	2,682	0.09%
607: Neonate bwt 1250-1499g w resp dist synd/oth maj resp or maj anom	7,782	0.25%
608: Neonate bwt 1250-1499g w or w/o other significant condition	3,959	0.13%
609: Neonate bwt 1500-2499g w major procedure	1,879	0.06%
611: Neonate birthwt 1500-1999g w major anomaly	5,230	0.17%
612: Neonate bwt 1500-1999g w resp dist synd/oth maj resp cond	12,294	0.39%
613: Neonate birthwt 1500-1999g w congenital/perinatal infection	1,698	0.05%

APRDRG	Frequency	Percent of Total
614: Neonate bwt 1500-1999g w or w/o other significant condition	25,104	0.81%
621: Neonate bwt 2000-2499g w major anomaly	6,355	0.20%
622: Neonate bwt 2000-2499g w resp dist synd/oth maj resp cond	12,273	0.39%
623: Neonate bwt 2000-2499g w congenital/perinatal infection	2,817	0.09%
625: Neonate bwt 2000-2499g w other significant condition	16,256	0.52%
626: Neonate bwt 2000-2499g, normal newborn or neonate w other problem	63,955	2.05%
630: Neonate birthwt >2499g w major cardiovascular procedure	2,935	0.09%
631: Neonate birthwt >2499g w other major procedure	8,011	0.26%
633: Neonate birthwt >2499g w major anomaly	48,612	1.56%
634: Neonate, birthwt >2499g w resp dist synd/oth maj resp cond	39,949	1.28%
636: Neonate birthwt >2499g w congenital/perinatal infection	20,741	0.67%
639: Neonate birthwt >2499g w other significant condition	84,546	2.71%
640: Neonate birthwt >2499g, normal newborn or neonate w other problem	980,129	31.44%
650: Splenectomy	696	0.02%
651: Other procedures of blood & blood-forming organs	851	0.03%
660: Major hematologic/immunologic diag exc sickle cell crisis & coagul	13,481	0.43%
661: Coagulation & platelet disorders	4,463	0.14%
662: Sickle cell anemia crisis	17,896	0.57%
663: Other anemia & disorders of blood & blood-forming organs	11,344	0.36%
680: Major O.R. procedures for lymphatic/hematopoietic/other neoplasms	423	0.01%
681: Other O.R. procedures for lymphatic/hematopoietic/other neoplasms	1,511	0.05%
690: Acute leukemia	4,015	0.13%
691: Lymphoma, myeloma & non-acute leukemia	1,006	0.03%
692: Radiotherapy	121	0.00%
694: Lymphatic & other malignancies & neoplasms of uncertain behavior	389	0.01%
695: Chemotherapy for acute leukemia	9,239	0.30%
696: Other chemotherapy	23,547	0.76%
710: Infectious & parasitic diseases including HIV w O.R. procedure	4,767	0.15%
711: Post-op, post-trauma, other device infections w O.R. procedure	2,783	0.09%
720: Septicemia & disseminated infections	23,286	0.75%

APRDRG	Frequency	Percent of Total
721: Post-operative, post-traumatic, other device infections	6,274	0.20%
722: Fever	13,479	0.43%
723: Viral illness	16,005	0.51%
724: Other infectious & parasitic diseases	6,926	0.22%
740: Mental illness diagnosis w O.R. procedure	423	0.01%
750: Schizophrenia	9,066	0.29%
751: Major depressive disorders & other/unspecified psychoses	64,920	2.08%
752: Disorders of personality & impulse control	1,119	0.04%
753: Bipolar disorders	44,036	1.41%
754: Depression except major depressive disorder	28,583	0.92%
755: Adjustment disorders & neuroses except depressive diagnoses	10,190	0.33%
756: Acute anxiety & delirium states	5,823	0.19%
757: Organic mental health disturbances	2,911	0.09%
758: Behavioral disorders	13,552	0.43%
759: Eating disorders	2,277	0.07%
760: Other mental health disorders	1,894	0.06%
770: Drug & alcohol abuse or dependence, left against medical advice	568	0.02%
772: Alcohol & drug dependence w rehab or rehab/detox therapy	658	0.02%
773: Opioid abuse & dependence	1,645	0.05%
774: Cocaine abuse & dependence	440	0.01%
775: Alcohol abuse & dependence	1,838	0.06%
776: Other drug abuse & dependence	3,048	0.10%
791: O.R. procedure for other complications of treatment	2,383	0.08%
811: Allergic reactions	2,379	0.08%
812: Poisoning of medicinal agents	26,616	0.85%
813: Other complications of treatment	2,459	0.08%
815: Other injury, poisoning & toxic effect diagnoses	4,440	0.14%
816: Toxic effects of non-medicinal substances	3,810	0.12%
841: Extensive 3rd degree burns w skin graft	231	0.01%
842: Burns w skin graft except extensive 3rd degree burns	2,352	0.08%

APRDRG	Frequency	Percent of Total
843: Extensive 3rd degree or full thickness burns w/o skin graft	53	0.00%
844: Partial thickness burns w/o skin graft	3,853	0.12%
850: Procedure w diag of rehab, aftercare or oth contact w health service	2,352	0.08%
860: Rehabilitation	951	0.03%
861: Signs, symptoms & other factors influencing health status	9,411	0.30%
862: Other aftercare & convalescence	2,505	0.08%
863: Neonatal aftercare	2,144	0.07%
890: HIV w multiple major HIV related conditions	58	0.00%
892: HIV w major HIV related condition	88	0.00%
893: HIV w multiple significant HIV related conditions	29	0.00%
894: HIV w one signif HIV cond or w/o signif related cond	120	0.00%
910: Craniotomy for multiple significant trauma	655	0.02%
911: Extensive abdominal/thoracic procedures for mult significant trauma	1,867	0.06%
912: Musculoskeletal & other procedures for multiple significant trauma	4,042	0.13%
930: Multiple significant trauma w/o O.R. procedure	3,916	0.13%
950: Extensive procedure unrelated to principal diagnosis	2,762	0.09%
951: Moderately extensive procedure unrelated to principal diagnosis	11,721	0.38%
952: Nonextensive procedure unrelated to principal diagnosis	2,488	0.08%
955: Principal diagnosis invalid as discharge diagnosis	229	0.01%
956: Ungroupable	5,808	0.19%

APRDRG_Risk_Mortality	Frequency	Percent of Total
0: No class specified	6,037	0.19%
1: Minor likelihood of dying	2,723,064	87.35%
2: Moderate likelihood of dying	255,294	8.19%
3: Major likelihood of dying	93,839	3.01%
4: Extreme likelihood of dying	39,179	1.26%

APRDRG_Severity	Frequency	Percent of Total
0: No class specified	6,037	0.19%
1: Minor loss of function (includes cases with no comorbidity or complications)	1,430,740	45.90%
2: Moderate loss of function	1,124,720	36.08%
3: Major loss of function	453,398	14.54%
4: Extreme loss of function	102,518	3.29%