

CHRONIC KIDNEY DISEASE

Case Definition Type: Health Service Contact Prevalence Incidence Rate Lifetime Prevalence

Case Definition:

One or more hospitalizations with a chronic kidney disease diagnostic code, OR

Two or more physician visits with a chronic kidney disease diagnostic code within one year.

Signed-off BC Case Definition: Yes - V2022 No

Notes: None

Age Restriction: 1+ years

Data Source(s):

Data Source	ICD Code/Procedure Code/Rx	ICD Code/Procedure Code Position	Diagnosis Type	Hospital Care Level
Hospital ICD-10	D631 E082 E102 E112 E122 E132 E142 I12 I13 N02-N07 N080-N088 N18 N19 Q620 Q621 Q623-Q628 Q642-Q649 Z490-Z492 Z4930-Z4932	First Position Only <input type="checkbox"/> All positions <input checked="" type="checkbox"/> Others <input type="checkbox"/> N/A <input type="checkbox"/>	M-Most Responsible Diagnosis <input checked="" type="checkbox"/> 1-Pre-Admit Comorbidity <input checked="" type="checkbox"/> 2-Post-Admit Comorbidity <input checked="" type="checkbox"/> 3-Secondary Diagnosis <input checked="" type="checkbox"/> 4-Morphology Code <input checked="" type="checkbox"/> 5-Admitting Diagnosis <input checked="" type="checkbox"/> 6-Proxy Most Responsible Diagnosis <input checked="" type="checkbox"/> 9-External Cause of Injury Code <input checked="" type="checkbox"/> 0-Newborn <input checked="" type="checkbox"/> W,X,Y- Service Transfer Diagnosis <input checked="" type="checkbox"/>	Acute Care <input checked="" type="checkbox"/> Rehabilitation <input checked="" type="checkbox"/> Day Surgery <input checked="" type="checkbox"/>

	Z524 Z992			
Hospital ICD-9	24940 24941 2504 28521 403 4040-4048 40490-40493 581-587 7532 7534 7536-7539 V1303-V1309 V186 V420 V451 V4511 V4512 V4573 V560- V563 V568 V594 V815 V816	First Position Only <input type="checkbox"/> All positions <input checked="" type="checkbox"/> Others <input type="checkbox"/> N/A <input type="checkbox"/>	M-Most Responsible Diagnosis <input checked="" type="checkbox"/> 1-Pre-Admit Comorbidity <input checked="" type="checkbox"/> 2-Post-Admit Comorbidity <input checked="" type="checkbox"/> 3-Secondary Diagnosis <input checked="" type="checkbox"/> 4-Morphology Code <input checked="" type="checkbox"/> 5-Admitting Diagnosis <input checked="" type="checkbox"/> 6-Proxy Most Responsible Diagnosis <input checked="" type="checkbox"/> 9-External Cause of Injury Code <input checked="" type="checkbox"/> 0-Newborn <input checked="" type="checkbox"/> W,X,Y- Service Transfer Diagnosis <input checked="" type="checkbox"/>	Acute Care <input checked="" type="checkbox"/> Rehabilitation <input checked="" type="checkbox"/> Day Surgery <input checked="" type="checkbox"/>
Practitioner Claims ICD-10	D631 E082 E102 E112 E122 E132 E142 I12 I13 N02-N07 N080-N088 N18	First Position Only <input type="checkbox"/> All positions <input checked="" type="checkbox"/> Others <input type="checkbox"/> N/A <input type="checkbox"/>	N/A	N/A

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PharmaNet Drug History	N/A	N/A	N/A	N/A

Diagnostic Code:

ICD-9	Description	ICD-10	Description
581	Nephrotic syndrome	N02	Recurrent and persistent hematuria
582	Chronic glomerulonephritis	N03	Chronic nephritic syndrome
583	Nephritis and nephropathy, not specified as acute or chronic	N04	Nephrotic syndrome
585	Chronic renal failure	N05	Unspecified nephritic syndrome
586	Renal failure, unspecified	N06	Isolated proteinuria with specified morphological lesion
587	Renal sclerosis, unspecified	N07	Hereditary nephropathy, not elsewhere classified
24940	Secondary diabetes mellitus with renal manifestations, not stated as uncontrolled, or unspecified	N18	Chronic kidney disease
24941	Secondary diabetes mellitus with renal manifestations, uncontrolled	N19	Unspecified kidney failure
2504	Diabetes with renal manifestations	N08	Glomerular disorders in diseases classified elsewhere
403	Hypertensive chronic kidney disease	N080- N088	Glomerular disorders in diseases classified elsewhere
4040-4048	Hypertensive heart and chronic kidney disease	D631	Anemia in chronic kidney disease
4040	Malignant hypertensive heart and renal disease	E082	Diabetes mellitus due to underlying condition with kidney complications
4041	Benign hypertensive heart and renal disease	E102	Type 1 diabetes mellitus with kidney complications
40490- 40493	Hypertensive heart and chronic kidney disease, unspecified, without heart failure and with chronic kidney disease stage I through stage IV, or unspecified	E082	Diabetes mellitus due to underlying condition with kidney complications
40491	Hypertensive heart and chronic kidney disease, unspecified, with heart failure and with chronic kidney disease stage I through stage IV, or unspecified	E112	Type 2 diabetes mellitus with kidney complications
40492	Hypertensive heart and chronic kidney disease, unspecified, without heart failure and with chronic kidney disease stage V or end stage renal disease	E122	Malnutrition-related diabetes mellitus With renal complications
40493	Hypertensive heart and chronic kidney disease, unspecified, with heart failure and chronic kidney disease stage V or end stage renal disease	E132	Other specified diabetes mellitus with kidney complications
7532	Congenital ureterocele	E142	Unspecified diabetes mellitus With renal complications
7534	Obstructive defects of renal pelvis and ureter	I12	Hypertensive chronic kidney disease
7536	Atresia and stenosis of urethra and bladder neck	I13	Hypertensive heart and chronic kidney disease
7537	Anomalies of urachus	Q620	Congenital hydronephrosis

7538	Other specified anomalies of bladder and urethra	Q621	Congenital occlusion of ureter
7539	Unspecified anomaly of urinary system	Q623	Other obstructive defects of renal pelvis and ureter
V1303	Personal history, nephrotic syndrome	Q624	Genesis of ureter
V1309	Personal history of other specified urinary system disorders	Q625	Duplication of ureter
V186	Family history of kidney diseases	Q626	Malposition of ureter
V420	Kidney replaced by transplant	Q627	Congenital vesico-uretero-renal reflux
V451	Postsurgical renal dialysis status	Q628	Other congenital malformations of ureter
V4511	Renal dialysis status	Q642	Congenital posterior urethral valves
V4512	Noncompliance with renal dialysis	Q643	Other atresia and stenosis of urethra and bladder neck
V4573	Acquired absence of kidney	Q644	Malformation of urachus
V560	Encounter for extracorporeal dialysis	Q645	Congenital absence of bladder and urethra
V561	Fitting and adjustment of extracorporeal dialysis catheter	Q646	Congenital diverticulum of bladder
V562	Fitting and adjustment of peritoneal dialysis catheter	Q647	Other and unspecified congenital malformations of bladder and urethra
V563	Encounter for adequacy testing for dialysis	Q648	Other specified congenital malformations of urinary system
V568	Encounter for other dialysis	Q649	Congenital malformation of urinary system, unspecified
V594	Kidney donors	Z490	Preparatory care for renal dialysis
V815	Screening for nephropathy	Z491	Extracorporeal dialysis
V816	Screening for other and unspecified genitourinary conditions	Z492	Other dialysis
28521	Anemia in chronic kidney disease	Z4930	Encounter for adequacy testing for dialysis
		Z4931	Encounter for adequacy testing for hemodialysis
		Z4932	Encounter for adequacy testing for peritoneal dialysis
		Z992	Dependence on renal dialysis
		Z524	Kidney donor

Procedure Code: N/A

Drug List: N/A