

## LIST OF PRIMARY CAUSES OF RENAL FAILURE

For item 15 on the CMS-2728 (8/15): Primary Cause of Renal Failure should be determined by the attending physician using the appropriate ICD-10-CM code. Enter the ICD-10-CM code for the primary cause of failure on Field #15 of the CMS-2728 Form. If there are several probable causes of renal failure, choose one as primary. An ICD-10-CM Code is effective as of October 1, 2015.

Note: This code list below does **not** include all renal-specific ICD-10 CM codes; please use the ICD-10 CM Manual to validate an appropriate code. CMS has posted a complete list of the 2016 ICD-10-CM valid codes and code titles on the CMS website at <https://www.cms.gov/Medicare/Coding/ICD10/2016-ICD-10-CM-and-GEMs.html>

ICD-10	Description		
<b>DIABETES</b>			
E10.22	Type 1 diabetes mellitus with diabetic chronic kidney disease	N04.3	Nephrotic syndrome with diffuse mesangial proliferative glomerulonephritis
E10.29	Type 1 diabetes mellitus with other diabetic kidney complication	N04.4	Nephrotic syndrome with diffuse endocapillary proliferative glomerulonephritis
E11.22	Type 2 diabetes mellitus with diabetic chronic kidney disease	N04.5	Nephrotic syndrome with diffuse mesangiocapillary glomerulonephritis
E11.29	Type 2 diabetes mellitus with other diabetic kidney complication	N04.6	Nephrotic syndrome with dense deposit disease
		N04.7	Nephrotic syndrome with diffuse crescentic glomerulonephritis
		N04.8	Nephrotic syndrome with other morphologic changes
		N04.9	Nephrotic syndrome with unspecified morphologic changes
		N05.9	Unspecified nephritic syndrome with unspecified morphologic changes
		N07.0	Hereditary nephropathy, not elsewhere classified with minor glomerular abnormality
<b>GLOMERULONEPHRITIS</b>		<b>SECONDARY GLOMERULONEPHRITIS/VASCULITIS</b>	
N00.8	Acute nephritic syndrome with other morphologic changes	D59.3	Hemolytic-uremic syndrome
N01.9	Rapidly progressive nephritic syndrome with unspecified morphologic changes	D69.0	Allergic purpura
N02.8	Recurrent and persistent hematuria with other morphologic changes	I77.89	Other specified disorders of arteries and arterioles
N03.0	Chronic nephritic syndrome with minor glomerular abnormality	M31.0	Hypersensitivity angiitis
N03.1	Chronic nephritic syndrome with focal and segmental glomerular lesions	M31.1	Thrombotic microangiopathy
N03.2	Chronic nephritic syndrome with diffuse membranous glomerulonephritis	M31.31	Wegener's granulomatosis with renal involvement
N03.3	Chronic nephritic syndrome with diffuse mesangial proliferative glomerulonephritis	M31.7	Microscopic polyangiitis
N03.4	Chronic nephritic syndrome with diffuse endocapillary proliferative glomerulonephritis	M32.0	Drug-induced systemic lupus erythematosus
N03.5	Chronic nephritic syndrome with diffuse mesangiocapillary glomerulonephritis	M32.10	Systemic lupus erythematosus, organ or system involvement unspecified
N03.6	Chronic nephritic syndrome with dense deposit disease	M32.14	Glomerular disease in systemic lupus erythematosus
N03.7	Chronic nephritic syndrome with diffuse crescentic glomerulonephritis	M32.15	Tubulo-interstitial nephropathy in systemic lupus erythematosus
N03.8	Chronic nephritic syndrome with other morphologic changes	M34.89	Other systemic sclerosis
N03.9	Chronic nephritic syndrome with unspecified morphologic changes	<b>INTERSTITIAL NEPHRITIS/PYELONEPHRITIS</b>	
N04.0	Nephrotic syndrome with minor glomerular abnormality	N10	Acute tubulo-interstitial nephritis
N04.1	Nephrotic syndrome with focal and segmental glomerular lesions	N11.9	Chronic tubulo-interstitial nephritis, unspecified
N04.2	Nephrotic syndrome with diffuse membranous glomerulonephritis	N13.70	Vesicoureteral-reflux, unspecified
		N13.8	Other obstructive and reflux uropathy

**TRANSPLANT COMPLICATIONS**

- T86.00 Unspecified complication of bone marrow transplant
- T86.10 Unspecified complication of kidney transplant
- T86.20 Unspecified complication of heart transplant
- T86.40 Unspecified complication of liver transplant
- T86.819 Unspecified complication of lung transplant
- T86.859 Unspecified complication of intestine transplant
- T86.899 Unspecified complication of other transplanted tissue

**HYPERTENSION/LARGE VESSEL DISEASE**

- I12.9 Hypertensive chronic kidney disease with stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease
- I15.0 Renovascular hypertension
- I15.8 Other secondary hypertension
- I75.81 Atheroembolism of kidney

**CYSTIC/HEREDITARY/CONGENITAL/OTHER DISEASES**

- E72.04 Cystinosis
- E72.53 Hyperoxaluria
- E75.21 Fabry (-Anderson) disease  
Hereditary nephropathy, not elsewhere classified with other morphologic lesions
- N07.8 Neuromuscular dysfunction of bladder, unspecified
- N31.9 Hermaphroditism, not elsewhere classified
- Q56.0 Renal agenesis, unspecified
- Q60.2 Other polycystic kidney, infantile type
- Q61.2 Polycystic kidney, adult type
- Q61.4 Renal dysplasia
- Q61.5 Medullary cystic kidney
- Q61.8 Other cystic kidney diseases
- Q62.11 Congenital occlusion of ureteropelvic junction
- Q62.12 Congenital occlusion of ureterovesical orifice
- Q63.8 Other specified congenital malformations of kidney
- Q64.2 Congenital posterior urethral valves
- Q79.4 Prune belly syndrome
- Q85.1 Tuberosus sclerosis
- Q86.8 Other congenital malformation syndromes due to known exogenous causes
- Q87.1 Congenital malformation syndromes predominantly associated with short stature
- Q87.81 Alport syndrome

**NEOPLASMS/TUMORS**

- C64.9 Malignant neoplasm of unspecified kidney, except renal pelvis
- C80.1 Malignant (primary) neoplasm, unspecified
- C85.93 Non-Hodgkin lymphoma, unspecified, intra-abdominal lymph nodes
- C88.2 Heavy chain disease
- C90.00 Multiple myeloma not having achieved remission
- D30.9 Benign neoplasm of urinary organ, unspecified
- D41.00 Neoplasm of uncertain behavior of unspecified kidney
- D41.9 Neoplasm of uncertain behavior of unspecified urinary organ
- E85.9 Amyloidosis, unspecified
- N05.8 Unspecified nephritic syndrome with other morphologic changes

**DISORDERS OF MINERAL METABOLISM**

- E83.52 Hypercalcemia

**GENITOURINARY SYSTEM**

- A18.10 Tuberculosis of genitourinary system, unspecified
- N28.9 Disorder of kidney and ureter, unspecified

**ACUTE KIDNEY FAILURE**

- N17.0 Acute kidney failure with tubular necrosis
- N17.1 Acute kidney failure with acute cortical necrosis
- N17.9 Acute kidney failure, unspecified

**MISCELLANEOUS CONDITIONS**

- B20 Human immunodeficiency virus [HIV] disease
- D57.1 Sickle-cell disease without crisis
- D57.3 Sickle cell trait
- I50.9 Heart failure, unspecified
- K76.7 Hepatorenal syndrome
- M10.30 Gout due to renal impairment, unspecified site
- N14.0 Analgesic nephropathy
- N14.1 Nephropathy induced by other drugs, medicaments and biological substances
- N14.3 Nephropathy induced by heavy metals
- N20.0 Calculus of kidney
- N25.89 Other disorders resulting from impaired renal tubular function
- N26.9 Renal sclerosis, unspecified
- N28.0 Ischemia and infarction of kidney
- N28.89 Other specified disorders of kidney and ureter
- O90.4 Postpartum acute kidney failure
- S37.009A Unspecified injury of unspecified kidney, initial encounter
- Z90.5 Acquired Absence of Kidney