

## 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](#)*

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

<b>TRANSPLANT COMPLICATIONS</b>	
T86.00	Unspecified complication of bone marrow transplant
T86.10	Unspecified complication of kidney transplant
T86.12	Kidney transplant failure
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
<b>HYPERTENSION/LARGE VESSEL DISEASE</b>	
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
<b>CYSTIC/HEREDITARY/CONGENITAL/OTHER DISEASES</b>	
E72.04	Cystinosis
E72.53	Hyperoxaluria
E75.21	Fabry (-Anderson) disease
N07.8	Hereditary nephropathy, not elsewhere classified with other morphologic lesions
N31.9	Neuromuscular dysfunction of bladder, unspecified
Q56.0	Hermaphroditism, not elsewhere classified
Q60.2	Renal agenesis, unspecified
Q61.19	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	Tuberous 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
<b>NEOPLASMS/TUMORS</b>	
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
<b>DISORDERS OF MINERAL METABOLISM</b>	
E80.20	Unspecified porphyria
E80.29	Other porphyria
E83.52	Hypercalcemia
<b>GENITOURINARY SYSTEM</b>	
A18.10	Tuberculosis of genitourinary system, unspecified
N28.9	Disorder of kidney and ureter, unspecified
<b>ACUTE KIDNEY FAILURE</b>	
N17.0	Acute kidney failure with tubular necrosis
N17.1	Acute kidney failure with acute cortical necrosis
N17.9	Acute kidney failure, unspecified
N18.1	Chronic kidney disease, stage 1
N18.2	Chronic kidney disease, stage 2 (mild)
N18.3	Chronic kidney disease, stage 3 (moderate)
N18.4	Chronic kidney disease, stage 4 (severe)
N18.5	Chronic kidney disease, stage 5
N18.9	Chronic kidney disease, unspecified
N19	Unspecified kidney failure
<b>MISCELLANEOUS CONDITIONS</b>	
B20	Human immunodeficiency virus [HIV] disease
D57.1	Sickle-cell disease without crisis
D57.3	Sickle cell trait
D89.1	Cryoglobulinemia
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