

Chronic Kidney Disease (CKD) Reporting

ICD-9-CM coding for Chronic Renal Failure, Category **585**, changed in 2006.¹ The Renal Physicians Association along with the National Kidney Foundation promoted code Category **585** being renamed and expanded to reflect the new clinical practice standards for treating Chronic Kidney Disease.

Chronic Kidney Disease is defined as either kidney damage* or GFR < 60 mL/min/1.73 m² for ≥ 3 months.²

*Kidney damage is defined as pathologic abnormalities or markers of damage, including abnormalities in blood or urine tests or imaging studies.²

Staging Chronic Kidney Disease³

Note: All stages need to be chronic, not a one time event.

Stage	Severity	GFR Value	ICD-9 Codes
Stage I		<i>GFR ≥ 90 mL/min/1.73 m² with kidney damage</i>	585.1
Stage II	<i>Mild</i>	<i>GFR 60-89 mL/min/1.73 m² with kidney damage</i>	585.2
Stage III	<i>Moderate</i>	<i>GFR 30-59 mL/min/1.73 m²</i>	585.3
Stage IV	<i>Severe</i>	<i>GFR 15-29 mL/min/1.73 m²</i>	585.4
Stage V	<i>Kidney Failure</i>	<i>GFR < 15 mL/min/1.73 m²</i>	585.5
	<i>ESRD</i>	<i>Requiring chronic dialysis or transplantation</i>	585.6
CKD Unsp.		<i>Chronic Kidney Disease, unspecified</i>	585.9

ICD-9-CM instructs the coder to use an additional code to identify kidney transplant status if applicable (V42.0). A kidney transplant may not fully restore kidney function, therefore, patients who have undergone a kidney transplant may still have some form of Chronic Kidney Disease.³ Code V42.0, Kidney replaced by transplant, may be assigned in addition to the appropriate CKD code, based on the patient's post-transplant stage.

If a patient is on renal dialysis or if an arterial-venous shunt is present, code also **V45.11**. If a patient is noncompliant to dialysis, code also **V45.12**.⁴

Patients that have had a kidney transplant where documentation indicates the presence of failure or rejection, assign code 996.81, Complication of kidney transplant, followed by a code to identify the nature of the complication.⁴

¹ "Chronic Renal Failure Is No More: New ICD-9 Codes For Chronic Kidney Disease." Kidney Notes - Notes on Medicine & Technology. Web. 16 Dec. 2010. <<http://kidneynotes.blogspot.com/2005/10/chronic-renal-failure-is-no-more-new.html>>.

² National Kidney Foundation. "KDOQI Clinical Practice Guidelines for Chronic Kidney Disease: Evaluation, Classification and Stratification." American Journal of Kidney Disease 39: 2002 supplement 1.

³ Ingenix, Coders' Desk Reference For Diagnoses. 2011. Alexandria, VA: Ingenix, 2010.

⁴ World Health Organization: ICD-9-CM for Providers, Professional Ed. Volumes 1&2. 2011. Alexandria, VA: Ingenix, 2010