

Table S3. Number and percentage of REGARDS participants with Medicare claims for chronic kidney disease (CKD_{Medicare}) among REGARDS study participants with chronic kidney disease at their study visit (CKD_{REGARDS}).

	No CKD _{Medicare} (n=1862)	CKD _{Medicare} (n=341)	p-value
REGARDS variables (collected at baseline)			
Age, years	N (%)	N (%)	
< 75	865 (83.9)	166 (16.1)	0.55
75 – 84	855 (85.4)	146 (14.6)	
≥ 85	142 (83.0)	29 (17.0)	
White	1259 (85.8)	208 (14.2)	0.02
Black	603 (81.9)	133 (18.1)	
Men	942 (84.1)	178 (15.9)	0.58
Women	920 (84.9)	163 (15.1)	
Region of residence			0.69
West	119 (86.9)	18 (13.1)	
Midwest	303 (83.5)	60 (16.5)	
Northeast	96 (82.1)	21 (17.9)	
South	1344 (84.7)	242 (15.3)	
Not current smoker	1660 (84.0)	316 (16.0)	0.04
Current smoker	199 (89.2)	24 (10.8)	
No abdominal obesity	941 (87.5)	135 (12.5)	<0.01
Abdominal obesity	910 (81.5)	206 (18.5)	
No hypertension	408 (87.4)	58 (12.4)	0.05
Hypertension	1449 (83.8)	280 (16.2)	

No diabetes	1313 (87.8)	182 (12.2)	<0.01
Diabetes	540 (77.4)	158 (22.6)	
No history of CHD	1245 (87.1)	185 (12.9)	<0.01
History of CHD	578 (79.4)	149 (20.5)	
No anemia	827 (87.4)	118 (12.5)	<0.01
Anemia	259 (70.4)	109 (29.6)	
No family history of ESRD	999 (83.5)	196 (16.4)	0.38
Family history of ESRD	131 (80.9)	31 (19.1)	
eGFR \geq 60 ml/min/1.73m ²	754 (93.4)	53 (6.6)	<0.01
eGFR < 60 ml/min/1.73m ²	1108 (79.3)	288 (20.6)	
ACR \leq 30mg/g	806 (86.4)	127 (13.6)	0.04
ACR > 30mg/g	1056 (83.1)	214 (16.9)	
Medicare variables (during look back period)			
Outpatient visits			
< 10	505 (96.6)	18 (3.4)	<0.01
10 – 19	633 (88.9)	79 (11.1)	
\geq 20	724 (74.8)	244 (25.2)	
No hospitalization	1205 (90.9)	121 (9.1)	<0.01
Hospitalization	657 (74.8)	220 (25.1)	
No nephrology visit	1794 (89.8)	203 (10.2)	<0.01
Nephrology visit	68 (32.9)	138 (67.0)	
Not Medicaid eligible	1689 (85.3)	291 (14.7)	<0.01
Medicaid eligible	173 (77.6)	50 (22.4)	

SD – standard deviation, CKD – chronic kidney disease, eGFR – estimated glomerular filtration rate, ACR – albumin-to-creatinine ratio, CHD – coronary heart disease.

CKD_{Medicare} was defined using the claims-based algorithm outlined in Item S1.

CKD_{REGARDS} defined as estimated glomerular filtration rate < 60 ml/min/1.73 m² or albumin-to-creatinine ratio > 30 mg/g.

Model 1 includes adjustment for age, race, gender.

Model 2 includes adjustment for age, race, gender, outpatient visits, nephrologist visits, hospitalization during baseline and Medicaid eligible.