

Supplemental Table 1 for “Medical Costs of Chronic Kidney Disease in the Medicare Population”

Regression Coefficients from Cost Models that use the linked NHANES III-Medicare claims dataset

Part 1 (logistic) models estimated the probability of positive medical spending, and Part 2 (GLM) models estimated total medical expenditures for those with positive spending

Variable	Baseline model		All conditions (sensitivity analysis) model	
	Part 1 Coefficients	Part 2 Coefficients	Part 1 Coefficients	Part 2 Coefficients
Age	-0.255 *	-0.116 *	-0.260 *	-0.123 *
Age-squared	0.002 *	0.001 *	0.002 *	0.001 *
Female	-0.289	-0.456 *	-0.266	-0.377 *
White	0.283	-0.206 *	0.330	-0.210 *
Mexican-American	0.431	-0.121	0.485	-0.150
Other race	1.182 *	-0.369	1.255	-0.361
Cancer	0.176	0.112	0.170	0.074
Arthritis	0.537	0.088	0.514	0.063
Pneumonia	-0.514	0.814 *	-0.504	0.795 *
Back pain	0.064	0.170	0.029	0.081
Chronic bronchitis	0.977	0.062	0.948	0.027
Asthma	-0.099	0.083	-0.092	0.025
Diabetes	-0.200	0.249 *	-0.294	0.162
Hypertension	0.732 *	-0.082	0.727 *	-0.128
Congestive heart failure	-	-	0.731	0.418 *
Stroke	-	-	1.888 *	0.352 *
Myocardial infarction	-	-	-0.196	0.340 *
Less than high school	-0.127	-0.172	-0.119	-0.183
Missing degree	16.485	0.064	16.376 *	0.122
Some college	-0.372	-0.139	-0.332	-0.160
College graduate	0.605	-0.101	0.606	-0.122
Midwest	0.169	-0.097	0.148	-0.095
South	-0.039	0.044	-0.056	0.011
West	-0.537	0.065	-0.629	0.082
Stage 1	1.099 *	0.166	1.151	0.211
Stage 2	0.545	0.207	0.553	0.193
Stage 3	-0.176	0.447 *	-0.233	0.375 *
Stage 4	1.188	1.064 *	1.115	0.908 *
Stage 5	16.072 *	2.030 *	16.029 *	2.072 *
Constant	9.340 *	12.662 *	9.411 *	12.830 *

* Significant at the 95% level