

Appendix Table 1. Poisson Regression on Number of Non-Hospital-Based Urgent Care Centers Within Community

		Rate Ratio	95% CI	P-Value
RUCA	Urban	--	--	--
	Suburban	0.20	(0.18, 0.22)	0.000
	Large Rural Town	0.39	(0.36, 0.43)	0.000
	Small Town or Isolated Rural Area	0.09	(0.08, 0.10)	0.000
Health Provider Shortage Area	Not designated HPSA	--	--	--
	Part of county designated HPSA	0.94	(0.87, 1.02)	0.137
	Whole county designated HPSA	0.93	(0.86, 1.01)	0.069
Income	Lowest Quartile	--	--	--
	Quartile 2	1.25	(1.15, 1.37)	0.000
	Quartile 3	1.23	(1.12, 1.35)	0.000
	Highest Quartile	1.21	(1.10, 1.34)	0.000
Private Health Insurance	Lowest Quartile	--	--	--
	Quartile 2	1.37	(1.26, 1.49)	0.000
	Quartile 3	1.51	(1.38, 1.66)	0.000
	Highest Quartile	1.28	(1.15, 1.42)	0.000
Minority	Lowest Quartile	--	--	--
	Quartile 2	4.56	(3.81, 5.47)	0.000
	Quartile 3	8.67	(7.27, 10.35)	0.000
	Highest Quartile	9.00	(7.51, 10.78)	0.000
Older than 65	Lowest Quartile	--	--	--
	Quartile 2	0.93	(0.87, 0.99)	0.018
	Quartile 3	1.02	(0.96, 1.10)	0.508
	Highest Quartile	0.95	(0.87, 1.03)	0.211
Constant		0.05	(0.04, 0.07)	0.000

Appendix Table 2. Poisson Regression on Number of Urgent Care Centers Within Community

		Rate Ratio	95% CI	P-Value
RUCA	Urban	--	--	--
	Suburban	0.19	(0.17, 0.20)	0.000
	Large Rural Town	0.43	(0.39, 0.46)	0.000
	Small Town or Isolated Rural Area	0.12	(0.11, 0.13)	0.000
Health Provider Shortage Area	Not designated HPSA	--	--	--
	Part of county designated HPSA	0.93	(0.87, 1.00)	0.060
	Whole county designated HPSA	0.91	(0.85, 0.97)	0.006
Income	Lowest Quartile	--	--	--
	Quartile 2	1.19	(1.10, 1.29)	0.000
	Quartile 3	1.10	(1.01, 1.19)	0.029
	Highest Quartile	1.03	(0.94, 1.13)	0.535
Private Health Insurance	Lowest Quartile	--	--	--
	Quartile 2	1.44	(1.33, 1.55)	0.000
	Quartile 3	1.64	(1.50, 1.78)	0.000
	Highest Quartile	1.36	(1.23, 1.50)	0.000
Minority	Lowest Quartile	--	--	--
	Quartile 2	4.34	(3.73, 5.06)	0.000
	Quartile 3	7.58	(6.53, 8.80)	0.000
	Highest Quartile	7.87	(6.75, 9.17)	0.000
Older than 65	Lowest Quartile	--	--	--
	Quartile 2	0.95	(0.89, 1.00)	0.054
	Quartile 3	1.08	(1.01, 1.14)	0.022
	Highest Quartile	0.94	(0.87, 1.01)	0.094
Constant		0.07	(0.06, 0.09)	0.000

Appendix Table 3. Comparison of Communities With and Without Any Urgent Care Center

		Communities without UCCs	Communities with UCCs	Total
Number of Communities		25,869	5,153	31,022
Number of Urgent Care Centers		0	8,119	8,119
Total Population 2010, in thousands		15,645	14,419	30,064
		<i>No. of Communities (%)</i>	<i>No. of Communities (%)</i>	<i>P-Value</i>
RUCA	Urban	5,593 (21.6%)	3,780 (73.4%)	0.000
	Suburban	5,421 (21.0%)	374 (7.3%)	
	Large Rural Town	3,910 (15.1%)	552 (10.7%)	
	Small Town or Isolated Rural Area	10,945 (42.3%)	447 (8.7%)	
Health Provider Shortage Area	Not designated HPSA	3,552 (13.7%)	674 (13.1%)	0.021
	Part of county designated HPSA	11,326 (43.8%)	2,182 (42.3%)	
	Whole county designated HPSA	10,990 (42.5%)	2,297 (44.6%)	
Income	Lowest Quartile	6,798 (26.3%)	882 (17.1%)	0.000
	Quartile 2	6,563 (25.4%)	1,114 (21.6%)	
	Quartile 3	6,428 (24.8%)	1,251 (24.3%)	
	Highest Quartile	5,777 (22.3%)	1,901 (36.9%)	
Private Health Insurance	Lowest Quartile	6,723 (26.0%)	1,009 (19.6%)	0.000
	Quartile 2	6,474 (25.0%)	1,279 (24.8%)	
	Quartile 3	6,389 (24.7%)	1,379 (26.8%)	
	Highest Quartile	6,181 (23.9%)	1,483 (28.8%)	
Minority	Lowest Quartile	7,780 (30.1%)	175 (3.4%)	0.000
	Quartile 2	6,800 (26.3%)	828 (16.1%)	
	Quartile 3	5,727 (22.1%)	1,972 (38.3%)	
	Highest Quartile	5,560 (21.5%)	2,178 (42.3%)	
Elderly	Lowest Quartile	5,792 (22.4%)	2,036 (39.5%)	0.000
	Quartile 2	6,491 (25.1%)	1,322 (25.7%)	
	Quartile 3	6,580 (25.4%)	1,065 (20.7%)	
	Highest Quartile	7,004 (27.1%)	730 (14.2%)	
Average Population		605	2,798	0.000

Appendix Table 4. Logistic Regression on Likelihood of Presence of Any Urgent Care Center Within Community

		Odds Ratio	95% CI	P-Value
RUCA	Urban	reference		
	Suburban	0.15	(0.13, 0.17)	0.000
	Large Rural Town	0.31	(0.28, 0.35)	0.000
	Small Town or Isolated Rural Area	0.10	(0.09, 0.11)	0.000
Health Provider Shortage Area	Not designated HPSA	reference		
	Part of county designated HPSA	0.90	(0.81, 1.01)	0.073
	Whole county designated HPSA	0.86	(0.77, 0.96)	0.005
Income	Lowest Quartile	reference		
	Quartile 2	1.27	(1.13, 1.42)	0.000
	Quartile 3	1.20	(1.06, 1.35)	0.004
	Highest Quartile	1.06	(0.92, 1.21)	0.432
Private Health Insurance	Lowest Quartile	reference		
	Quartile 2	1.58	(1.42, 1.77)	0.000
	Quartile 3	1.82	(1.60, 2.07)	0.000
	Highest Quartile	1.54	(1.33, 1.78)	0.000
Minority	Lowest Quartile	reference		
	Quartile 2	3.80	(3.20, 4.51)	0.000
	Quartile 3	7.36	(6.23, 8.69)	0.000
	Highest Quartile	8.07	(6.78, 9.62)	0.000
Older than 65	Lowest Quartile	reference		
	Quartile 2	0.93	(0.85, 1.01)	0.100
	Quartile 3	1.06	(0.96, 1.17)	0.216
	Highest Quartile	0.96	(0.85, 1.07)	0.436
Constant		0.07	(0.06, 0.09)	0.000