

Patient Characteristics

Characteristics	Retrospective (Jan.1, 2012 – Dec.31, 2012)		Prospective (Jan.1.2013 – Jun.30, 2013)	
	Control	Case	Control	Case
	N = 167132	N = 126329	N = 107070	N = 86816
Male, %	48.02	45.54	47.72	45.11
Age (year), %				
≤ 18	20.97	14.83	21.10	14.32
19 - 65	60.76	68.68	60.78	69.10
≥ 65	18.27	16.49	18.12	16.58
Insurance status, %				
Blue Cross	2.12	1.04	2.59	1.21
Medicaid/Medicare	8.45	12.07	15.16	21.60
Commercial	3.95	2.29	6.30	3.75
Free Care/Self Pay	1.87	2.12	3.28	3.59
Others/Unknown	83.61	82.47	72.67	69.85
Median family income estimate, median (IQR)	58750 (49148, 66484)	55108 (47644, 62090)	58984 (47750, 68082)	55108 (47644, 63440)
Education, median (IQR)				
Percent high school graduate or higher	89.40 (84.40, 91.40)	89.00 (86.00, 91.40)	89.50 (86.40, 92.70)	88.80 (86.00, 91.80)
Percent bachelor's degree or higher	22.20 (16.90, 29.00)	21.70 (15.00, 26.60)	22.90 (16.20, 32.10)	22.00 (14.60, 28.30)
Health service utilization in past 12 months before ED discharge				
Percent encounters with outpatient visits	34.79	32.61	35.18	34.18
Percent encounters with ED visits	21.59	30.31	21.31	31.51
Percent encounters with inpatient visits	5.29	8.61	5.44	9.31
No. of medications, median (IQR)	0 (0,15)	6 (0,89)	2 (0,21)	9 (0,68)
No. of lab tests, median (IQR)	0 (0,46)	23 (0,100)	0 (0,52)	33 (0,133)
No. of radiology, median (IQR)	0 (0,1)	0 (0,2)	0 (0,1)	0 (0,2)
Percent encounters with chronic diseases	24.71	26.12	25.25	28.05