

Tables and Figures

Table 1: Patient and visit characteristics

Variables of interest		All visits (n=13,838)	Beginning (n=11,265)	End (n=2,573)	p-value*
Patient characteristics	Age (mean, SD)	48.5, 17.9	48.6, 17.8	48.0, 18.0	0.13
	Male (n, %)	5565 (40.1%)	4513 (40.0%)	1034 (40.1%)	0.99
Visit-level factors	Acuity (n, %)				0.07
	1	374 (2.7%)	291 (2.6%)	83 (3.2%)	
	2	6549 (47.3)	5342 (47.4%)	1207 (46.9%)	
	3	6850 (49.5%)	5585 (49.6%)	1265 (49.2%)	
	4	65 (0.5%)	47 (0.4%)	18 (0.7%)	
	Wait Time in Minutes (med, IQR)	65.0, (27.9, 140.6)	63.2 (27.2, 137.5)	74.1, (31.8, 154.7)	<0.0001
	Length of Visit in Minutes (med, IQR)	383, (271, 557)	388, (277, 559)	360, (245, 548)	<0.0001
	Hours Into Shift Visit Occurred (med, IQR)	2.4, (0.7, 4.5)	1.7, (0.3, 3.3)	5.9, (5.4, 6.4)	<0.0001
	ED Occupancy (mean, SD)	40.1, 13.3	39.7, 13.3	41.6, 12.9	<0.0001
	Physician Census (mean, SD)	4.6, 2.3	4.2, 2.2	6.2, 2.0	<0.0001
Resource Utilization	CT Scan Utilization (n, %)	3923, 28.3	3264, 28.9	668, 25.9	0.002
	Hospital Admissions (n, %)	3410, 24.8	2769, 24.7	641, 25.1	0.73
	Observation Unit Admissions (n, %)	2514, 18.2	2040, 18.1	474, 18.4	0.72

*P-value based on student's t-test, chi-square, or non-parametric equivalent, as appropriate.