N108 – Briar Hill-Belgravia Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			Briar Hill-Belgravia			
	Males	Females	Both sexes	Males	Females	Both sexes	Males (95% CI)	Females (95% CI)	Both sexes (95% CI)	Rate Ratio**
Demographics ***										
Total Population Age 0-4	68,780	65,600	134,380	28,890	27,600	56,490	380	365	745	
Total Population Age 5-19	215,715	203,795	419,510	81,570	77,890	159,460	1,150	1,100	2,250	
Total Population Age 20-44	471,380	497,960	969,340	224,185	231,545	455,730	2,735	3,050	5,785	
Total Population Age 45-64	294,840	322,830	617,670	130,750	138,995	269,745	1,630	1,895	3,525	
All Emergency Department (ED) visits (2009) ±										
Population Age 0-4										
# of ED visits	36,999	28,846	65,845	15,132	11,909	27,041	205	139	344	
Rate of ED visits per 1,000 population per year	537.9	439.7	490.0	523.8	431.5	478.7	539.5 (489.4-589.6)	380.8 (331.0-430.6)	461.7 (425.9-497.5)	0.94 NS
% of the population with one or more ED visits per year	34.1	29.2	31.7	33.2	28.6	31.0	35.3 (27.8-42.7)	25.2 (19.2-31.2)	30.3 (25.6-35.1)	0.96 NS
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	255	224	479	
Rate of ED visits per 1,000 population per year	235.4	212.4	224.2	253.1	230.9	242.3	221.7 (197.7-245.7)	203.6 (179.8-227.4)	212.9 (196.0-229.8)	0.95 NS
% of the population with one or more ED visits per year	17.3	15.0	16.2	18.3	15.8	17.1	15.9 (13.4-18.4)	15.7 (13.2-18.3)	15.8 (14.0-17.6)	0.98 NS
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	575	752	1,327	
Rate of ED visits per 1,000 population per year	242.0	265.6	254.1	264.8	275.4	270.2	210.2 (195.0-225.5)	246.6 (231.3-261.9)	229.4 (218.6-240.2)	0.90 L
% of the population with one or more ED visits per year	15.6	16.9	16.3	16.3	17.3	16.8	14.0 (12.5-15.5)	16.0 (14.4-17.5)	15.0 (13.9-16.1)	0.92 L
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	422	519	941	
Rate of ED visits per 1,000 population per year	299.4	276.4	287.4	344.6	289.2	316.1	258.9 (237.6-280.2)	273.9 (253.8-294.0)	267.0 (252.3-281.6)	0.93 L
% of the population with one or more ED visits per year	17.8	17.6	17.7	18.9	17.6	18.2	15.7 (13.6-17.8)	18.4 (16.3-20.6)	17.2 (15.7-18.7)	0.97 NS

CI Confidence Interval.

H / L / NS Chances are at least 19 in 20 that the rate is higher (H) or lower (L) than the City of Toronto rate ($p < 0.05$). Rates marked not significantly (NS) different do not reach this level of significance.

** Rate ratios for both sexes were created by dividing the local area rate by the City of Toronto aggregate rate.

*** Denominator: Based on 2006 Census population estimates, Statistics Canada.

± All unscheduled ED visits. Data source: National Ambulatory Care Reporting System (NACRS), Canadian Institute for Health Information (CIHI).

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Indicators	City of Toronto			Toronto Central LHIN			Briar Hill-Belgravia			
	Males	Females	Both sexes	Males	Females	Both sexes	Males (95% CI)	Females (95% CI)	Both sexes (95% CI)	Rate Ratio**
Demographics * **										
Total Population Age 65-74	80,785	98,145	178,930	31,755	38,280	70,035	395	565	960	
Total Population Age 75+	68,060	104,610	172,670	26,385	43,330	69,715	380	560	940	
Total Population	1,199,560	1,292,940	2,492,500	523,535	557,640	1,081,175	6,670	7,535	14,205	
All Emergency Department (ED) visits (2009) ±										
Population Age 65-74										
# of ED visits	28,857	32,242	61,099	12,838	13,486	26,324	147	184	331	
Rate of ED visits per 1,000 population per year	357.2	328.5	341.5	404.3	352.3	375.9	372.2 (324.5-419.8)	325.7 (287.0-364.3)	344.8 (314.7-374.9)	1.01 NS
% of the population with one or more ED visits per year	20.7	20.1	20.4	22.4	21.0	21.7	20.0 (15.1-24.9)	19.5 (15.4-23.5)	19.7 (16.6-22.8)	0.97 NS
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	226	293	519	
Rate of ED visits per 1,000 population per year	634.5	590.7	608.0	663.4	595.2	621.0	594.7 (545.4-644.1)	523.2 (481.8-564.6)	552.1 (520.3-583.9)	0.91 L
% of the population with one or more ED visits per year	34.1	33.4	33.7	34.8	33.1	33.7	33.7 (26.5-40.9)	30.4 (24.9-35.8)	31.7 (27.3-36.1)	0.94 NS
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	1,830	2,111	3,941	
Rate of ED visits per 1,000 population per year	301.9	299.8	300.8	325.8	310.5	317.9	274.4 (259.6-289.1)	280.2 (266.1-294.2)	277.4 (267.2-287.6)	0.92 L
Age-Adjusted rate of visits per 1,000 †	293.9	292.3	293.1	319.1	303.5	311.2	275.1 (264.5-285.7)	278.0 (267.9-288.1)	276.6 (269.2-283.9)	0.94 L
% of the population with one or more ED visits per year	18.9	19.0	18.9	19.5	19.2	19.3	17.4 (17.3-19.4)	18.3 (16.3-18.5)	17.9 (17.1-18.7)	0.95 L
Age-Adjusted % of the population with an ED visit †	19.2	19.3	19.2	19.0	19.5	19.3	17.5 (16.6-18.5)	18.3 (17.4-19.2)	18.0 (17.3-18.6)	0.93 L

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** Rate ratios for both sexes were created by dividing the local area rate by the City of Toronto aggregate rate.

*** Denominator: Based on 2006 Census population estimates, Statistics Canada.

± All unscheduled ED visits. Data source: National Ambulatory Care Reporting System (NACRS), Canadian Institute for Health Information (CIHI).

† Rates are age-adjusted using the direct method and the 1991 Canada population as the standard population.

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N108 – Briar Hill-Belgravia Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			Briar Hill-Belgravia			
	Males	Females	Both sexes	Males	Females	Both sexes	Males (95% CI)	Females (95% CI)	Both sexes (95% CI)	Rate Ratio**
Low Triage [a] Emergency Department (ED) visits (2009) ±										
Population Age 0-4										
# of ED visits	36,999	28,846	65,845	15,132	11,909	27,041	205	139	344	
# of Low Triage visits	10,135	8,471	18,606	4,310	3,726	8,036	62	44	106	
Ratio of low to high Triage visits	0.38	0.42	0.40	0.41	0.46	0.43	0.44 (0.33-0.56)	0.47 (0.31-0.62)	0.45 (0.36-0.55)	1.14 NS
% of all ED visits that are Low Triage	27.4	29.4	28.3	28.5	31.3	29.7	30.2 (21.2-39.3)	31.7 (20.3-43.0)	30.8 (23.8-37.9)	1.09 NS
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	255	224	479	
# of Low Triage visits	22,320	17,595	39,915	8,622	7,106	15,728	101	80	181	
Ratio of low to high Triage visits	0.79	0.69	0.75	0.73	0.66	0.70	0.67 (0.51-0.83)	0.56 (0.41-0.71)	0.62 (0.51-0.72)	0.83 L
% of all ED visits that are Low Triage	44.0	40.7	42.4	41.8	39.5	40.7	39.6 (29.7-49.5)	35.7 (26.0-45.5)	37.8 (30.8-44.8)	0.89 NS
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	575	752	1,327	
# of Low Triage visits	46,788	45,261	92,049	24,137	23,245	47,382	214	229	443	
Ratio of low to high Triage visits	0.70	0.52	0.60	0.69	0.58	0.63	0.60 (0.50-0.70)	0.44 (0.38-0.51)	0.51 (0.45-0.56)	0.84 L
% of all ED visits that are Low Triage	41.0	34.2	37.4	40.7	36.4	38.5	37.2 (30.9-43.5)	30.5 (25.7-35.2)	33.4 (29.6-37.2)	0.89 L
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	422	519	941	
# of Low Triage visits	27,429	27,774	55,203	13,968	12,762	26,730	124	134	258	
Ratio of low to high Triage visits	0.45	0.46	0.45	0.45	0.47	0.46	0.42 (0.34-0.50)	0.35 (0.29-0.42)	0.38 (0.33-0.43)	0.84 L
% of all ED visits that are Low Triage	31.1	31.1	31.1	31.0	31.8	31.4	29.4 (23.2-35.5)	25.8 (20.7-30.9)	27.4 (23.5-31.3)	0.88 NS

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* Estimates based on fewer than 20 events are likely to be unstable and imprecise.

** Rate ratios for both sexes were created by dividing the local area statistic by the City of Toronto statistic.

[a] Low triage was defined as Canadian Triage and Acuity Scale (CTAS) levels 4 and 5 excluding those who were subsequently admitted to hospital.

± All unscheduled ED visits. Data source: National Ambulatory Care Reporting System (NACRS), Canadian Institute for Health Information (CIHI).

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Indicators	City of Toronto			Toronto Central LHIN			Briar Hill-Belgravia			
	Males	Females	Both sexes	Males	Females	Both sexes	Males (95% CI)	Females (95% CI)	Both sexes (95% CI)	Rate Ratio**
Low Triage ᵃ Emergency Department (ED) visits (2009) ±										
Population Age 65-74										
# of ED visits	28,857	32,242	61,099	12,838	13,486	26,324	147	184	331	
# of Low Triage visits	6,215	7,807	14,022	2,844	3,278	6,122	23	31	54	
Ratio of low to high Triage visits	0.28	0.32	0.30	0.29	0.33	0.31	0.19 (0.11-0.27)	0.21 (0.13-0.29)	0.20 (0.14-0.25)	0.66 L
% of all ED visits that are Low Triage	21.5	24.2	22.9	22.2	24.3	23.3	15.6 (8.7-22.6)	16.8 (10.3-23.4)	16.3 (11.6-21.1)	0.71 L
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	226	293	519	
# of Low Triage visits	6,727	9,938	16,665	2,680	4,038	6,718	32	45	77	
Ratio of low to high Triage visits	0.19	0.19	0.19	0.18	0.19	0.19	0.17 (0.11-0.22)	0.18 (0.13-0.24)	0.18 (0.14-0.22)	0.92 NS
% of all ED visits that are Low Triage	15.6	16.1	15.9	15.3	15.7	15.5	14.2 (8.9-19.5)	15.4 (10.5-20.2)	14.8 (11.2-18.4)	0.93 NS
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	1,830	2,111	3,941	
# of Low Triage visits	119,614	116,846	236,460	56,561	54,155	110,716	556	563	1,119	
Ratio of low to high Triage visits	0.50	0.44	0.47	0.50	0.46	0.48	0.44 (0.40-0.48)	0.37 (0.33-0.40)	0.40 (0.37-0.43)	0.86 L
Age-Adjusted ratio of low to high Triage visits ‡	0.61	0.51	0.55	0.60	0.53	0.56	0.54 (0.48-0.60)	0.42 (0.38-0.47)	0.47 (0.43-0.51)	0.85 L
% of all ED visits that are Low Triage	33.0	30.1	31.5	33.2	31.3	32.2	30.4 (27.4-33.4)	26.7 (24.1-29.2)	28.4 (26.4-30.4)	0.90 L
Age-Adjusted % of all ED visits that are Low Triage †	36.3	33.2	34.6	36.2	33.9	34.9	33.8 (30.5-37.1)	28.7 (25.9-31.5)	31.0 (28.9-33.2)	0.90 L

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‡ Ratios of low to high Triage visits are age-adjusted using the 1991 Canada population as the standard population.

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