

N16 – Stonegate-Queensway Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			Stonegate-Queensway			
	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	660	605	1,265	
Total Population Age 5-19	215,715	203,795	419,510	81,570	77,890	159,460	1,885	1,790	3,675	
Total Population Age 20-44	471,380	497,960	969,340	224,185	231,545	455,730	3,945	4,120	8,065	
Total Population Age 45-64	294,840	322,830	617,670	130,750	138,995	269,745	3,195	3,405	6,600	
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	390	258	648	
Rate of ED visits per 1,000 population per year	537.9	439.7	490.0	523.8	431.5	478.7	590.9 (553.4-628.4)	426.4 (387.0-465.9)	512.3 (484.7-539.8)	1.05 NS
% of the population with one or more ED visits per year	34.1	29.2	31.7	33.2	28.6	31.0	38.8 (32.7-44.9)	29.3 (24.1-34.4)	34.2 (30.3-38.2)	1.08 NS
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	600	525	1,125	
Rate of ED visits per 1,000 population per year	235.4	212.4	224.2	253.1	230.9	242.3	318.3 (297.3-339.3)	293.3 (272.2-314.4)	306.1 (291.2-321.0)	1.37 H
% of the population with one or more ED visits per year	17.3	15.0	16.2	18.3	15.8	17.1	23.9 (21.4-26.5)	20.3 (17.9-22.6)	22.1 (20.4-23.9)	1.37 H
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	1,125	1,218	2,343	
Rate of ED visits per 1,000 population per year	242.0	265.6	254.1	264.8	275.4	270.2	285.2 (271.1-299.3)	295.6 (281.7-309.6)	290.5 (280.6-300.4)	1.14 H
% of the population with one or more ED visits per year	15.6	16.9	16.3	16.3	17.3	16.8	19.5 (17.9-21.0)	19.2 (17.7-20.7)	19.3 (18.3-20.4)	1.19 H
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	947	1,055	2,002	
Rate of ED visits per 1,000 population per year	299.4	276.4	287.4	344.6	289.2	316.1	296.4 (280.6-312.2)	309.8 (294.3-325.4)	303.3 (292.2-314.4)	1.06 H
% of the population with one or more ED visits per year	17.8	17.6	17.7	18.9	17.6	18.2	19.8 (18.1-21.5)	19.5 (17.8-21.1)	19.6 (18.4-20.8)	1.11 H

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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Demographics ***										
Total Population Age 65-74	80,785	98,145	178,930	31,755	38,280	70,035	810	1,020	1,830	
Total Population Age 75+	68,060	104,610	172,670	26,385	43,330	69,715	935	1,395	2,330	
Total Population	1,199,560	1,292,940	2,492,500	523,535	557,640	1,081,175	11,430	12,335	23,765	
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	258	293	551	
Rate of ED visits per 1,000 population per year	357.2	328.5	341.5	404.3	352.3	375.9	318.5	287.3	301.1	0.88 L
% of the population with one or more ED visits per year	20.7	20.1	20.4	22.4	21.0	21.7	21.0	19.9	20.4	1.00 NS
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	585	710	1,295	
Rate of ED visits per 1,000 population per year	634.5	590.7	608.0	663.4	595.2	621.0	625.7	509.0	555.8	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	31.7	29.0	30.0	0.89 L
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	3,905	4,059	7,964	
Rate of ED visits per 1,000 population per year	301.9	299.8	300.8	325.8	310.5	317.9	341.6	329.1	335.1	1.11 H
Age-Adjusted rate of visits per 1,000 †	293.9	292.3	293.1	319.1	303.5	311.2	335.9	325.8	330.8	1.13 H
% of the population with one or more ED visits per year	18.9	19.0	18.9	19.5	19.2	19.3	22.5	21.1	21.8	1.15 H
Age-Adjusted % of the population with an ED visit †	19.2	19.3	19.2	19.0	19.5	19.3	22.9	21.0	21.9	1.14 H

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).

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

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N16 – Stonegate-Queensway Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			Stonegate-Queensway			
	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	390	258	648	
# of Low Triage visits	10,135	8,471	18,606	4,310	3,726	8,036	82	76	158	
Ratio of low to high Triage visits	0.38	0.42	0.40	0.41	0.46	0.43	0.27 (0.21-0.33)	0.42 (0.32-0.52)	0.33 (0.27-0.38)	0.82 L
% of all ED visits that are Low Triage	27.4	29.4	28.3	28.5	31.3	29.7	21.0 (15.9-26.1)	29.5 (21.6-37.3)	24.4 (20.0-28.8)	0.86 NS
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	600	525	1,125	
# of Low Triage visits	22,320	17,595	39,915	8,622	7,106	15,728	228	224	452	
Ratio of low to high Triage visits	0.79	0.69	0.75	0.73	0.66	0.70	0.62 (0.52-0.71)	0.75 (0.63-0.87)	0.67 (0.60-0.75)	0.90 NS
% of all ED visits that are Low Triage	44.0	40.7	42.4	41.8	39.5	40.7	38.0 (31.7-44.3)	42.7 (35.3-50.0)	40.2 (35.4-45.0)	0.95 NS
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	1,125	1,218	2,343	
# of Low Triage visits	46,788	45,261	92,049	24,137	23,245	47,382	444	401	845	
Ratio of low to high Triage visits	0.70	0.52	0.60	0.69	0.58	0.63	0.66 (0.58-0.73)	0.50 (0.44-0.55)	0.57 (0.52-0.61)	0.95 NS
% of all ED visits that are Low Triage	41.0	34.2	37.4	40.7	36.4	38.5	39.5 (34.7-44.2)	32.9 (29.0-36.9)	36.1 (33.0-39.1)	0.97 NS
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	947	1,055	2,002	
# of Low Triage visits	27,429	27,774	55,203	13,968	12,762	26,730	308	326	634	
Ratio of low to high Triage visits	0.45	0.46	0.45	0.45	0.47	0.46	0.49 (0.42-0.55)	0.45 (0.40-0.51)	0.47 (0.43-0.51)	1.03 NS
% of all ED visits that are Low Triage	31.1	31.1	31.1	31.0	31.8	31.4	32.5 (28.1-36.9)	30.9 (26.9-34.9)	31.7 (28.7-34.7)	1.02 NS

CI Confidence Interval.

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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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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	258	293	551	
# of Low Triage visits	6,215	7,807	14,022	2,844	3,278	6,122	55	93	148	
Ratio of low to high Triage visits	0.28	0.32	0.30	0.29	0.33	0.31	0.28 (0.20-0.35)	0.47 (0.36-0.58)	0.37 (0.31-0.44)	1.24 H
% of all ED visits that are Low Triage	21.5	24.2	22.9	22.2	24.3	23.3	21.3 (15.0-27.7)	31.7 (23.9-39.5)	26.9 (21.8-31.9)	1.17 NS
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	585	710	1,295	
# of Low Triage visits	6,727	9,938	16,665	2,680	4,038	6,718	83	100	183	
Ratio of low to high Triage visits	0.19	0.19	0.19	0.18	0.19	0.19	0.17 (0.13-0.20)	0.17 (0.13-0.20)	0.17 (0.14-0.19)	0.87 L
% of all ED visits that are Low Triage	15.6	16.1	15.9	15.3	15.7	15.5	14.2 (10.9-17.5)	14.1 (11.1-17.1)	14.1 (11.9-16.3)	0.89 NS
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	3,905	4,059	7,964	
# of Low Triage visits	119,614	116,846	236,460	56,561	54,155	110,716	1,200	1,220	2,420	
Ratio of low to high Triage visits	0.50	0.44	0.47	0.50	0.46	0.48	0.45 (0.42-0.48)	0.43 (0.41-0.46)	0.44 (0.42-0.46)	0.95 L
Age-Adjusted ratio of low to high Triage visits ‡	0.61	0.51	0.55	0.60	0.53	0.56	0.55 (0.51-0.59)	0.51 (0.48-0.55)	0.52 (0.50-0.55)	0.95 L
% of all ED visits that are Low Triage	33.0	30.1	31.5	33.2	31.3	32.2	30.7 (28.6-32.8)	30.1 (28.0-32.1)	30.4 (28.9-31.8)	0.96 NS
Age-Adjusted % of all ED visits that are Low Triage †	36.3	33.2	34.6	36.2	33.9	34.9	34.5 (32.3-36.7)	33.1 (31.0-35.2)	33.6 (32.1-35.1)	0.97 NS

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

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

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