

## N19 – Long Branch Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			Long Branch			
	Males	Females	Both sexes	Males	Females	Both sexes	Males (95% CI)	Females (95% CI)	Both sexes (95% CI)	Rate Ratio**
<b>Demographics ***</b>										
Total Population Age 0-4	68,780	65,600	134,380	28,890	27,600	56,490	280	240	520	
Total Population Age 5-19	215,715	203,795	419,510	81,570	77,890	159,460	730	695	1,425	
Total Population Age 20-44	471,380	497,960	969,340	224,185	231,545	455,730	1,750	1,895	3,645	
Total Population Age 45-64	294,840	322,830	617,670	130,750	138,995	269,745	1,480	1,375	2,855	
<b>All Emergency Department (ED) visits (2009) ±</b>										
<b>Population Age 0-4</b>										
# of ED visits	36,999	28,846	65,845	15,132	11,909	27,041	180	139	319	
Rate of ED visits per 1,000 population per year	537.9	439.7	490.0	523.8	431.5	478.7	642.9 (586.7-699.0)	579.2 (516.7-641.6)	613.5 (571.6-655.3)	1.25 H
% of the population with one or more ED visits per year	34.1	29.2	31.7	33.2	28.6	31.0	36.8 (27.9-45.7)	29.2 (21.0-37.3)	33.3 (27.2-39.3)	1.05 NS
<b>Population Age 5-19</b>										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	247	248	495	
Rate of ED visits per 1,000 population per year	235.4	212.4	224.2	253.1	230.9	242.3	338.4 (304.0-372.7)	356.8 (321.2-392.5)	347.4 (322.6-372.1)	1.55 H
% of the population with one or more ED visits per year	17.3	15.0	16.2	18.3	15.8	17.1	24.5 (20.4-28.7)	23.9 (19.7-28.0)	24.2 (21.3-27.1)	1.50 H
<b>Population Age 20-44</b>										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	694	656	1,350	
Rate of ED visits per 1,000 population per year	242.0	265.6	254.1	264.8	275.4	270.2	396.6 (373.7-419.5)	346.2 (324.8-367.6)	370.4 (354.7-386.0)	1.46 H
% of the population with one or more ED visits per year	15.6	16.9	16.3	16.3	17.3	16.8	22.7 (20.1-25.2)	20.6 (18.3-22.9)	21.6 (19.9-23.3)	1.33 H
<b>Population Age 45-64</b>										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	497	540	1,037	
Rate of ED visits per 1,000 population per year	299.4	276.4	287.4	344.6	289.2	316.1	335.8 (311.7-359.9)	392.7 (366.9-418.5)	363.2 (345.6-380.9)	1.26 H
% of the population with one or more ED visits per year	17.8	17.6	17.7	18.9	17.6	18.2	20.6 (18.0-23.2)	24.2 (21.2-27.2)	22.3 (20.4-24.3)	1.26 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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<b>Demographics ***</b>										
Total Population Age 65-74	80,785	98,145	178,930	31,755	38,280	70,035	275	295	570	
Total Population Age 75+	68,060	104,610	172,670	26,385	43,330	69,715	220	345	565	
Total Population	1,199,560	1,292,940	2,492,500	523,535	557,640	1,081,175	4,735	4,845	9,580	
<b>All Emergency Department (ED) visits (2009) ±</b>										
<b>Population Age 65-74</b>										
# of ED visits	28,857	32,242	61,099	12,838	13,486	26,324	106	120	226	
Rate of ED visits per 1,000 population per year	357.2	328.5	341.5	404.3	352.3	375.9	385.5 (327.9-443.0)	406.8 (350.7-462.8)	396.5 (356.3-436.6)	1.16 H
% of the population with one or more ED visits per year	20.7	20.1	20.4	22.4	21.0	21.7	24.4 (17.7-31.1)	26.4 (19.6-33.3)	25.4 (20.6-30.2)	1.25 H
<b>Population Age 75+</b>										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	131	228	359	
Rate of ED visits per 1,000 population per year	634.5	590.7	608.0	663.4	595.2	621.0	595.5 (530.6-660.3)	660.9 (610.9-710.8)	635.4 (595.7-675.1)	1.05 NS
% of the population with one or more ED visits per year	34.1	33.4	33.7	34.8	33.1	33.7	32.3 (23.2-41.4)	33.9 (26.4-41.5)	33.3 (27.5-39.1)	0.99 NS
<b>Total Population</b>										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	1,855	1,931	3,786	
Rate of ED visits per 1,000 population per year	301.9	299.8	300.8	325.8	310.5	317.9	391.8 (368.9-414.6)	398.6 (375.6-421.5)	395.2 (379.0-411.4)	1.31 H
Age-Adjusted rate of visits per 1,000 †	293.9	292.3	293.1	319.1	303.5	311.2	399.8 (385.3-414.3)	402.0 (388.0-416.0)	400.9 (390.8-411.0)	1.37 H
% of the population with one or more ED visits per year	18.9	19.0	18.9	19.5	19.2	19.3	23.7 (22.3-25.4)	23.8 (22.1-25.3)	23.8 (22.7-24.9)	1.26 H
Age-Adjusted % of the population with an ED visit †	19.2	19.3	19.2	19.0	19.5	19.3	24.6 (23.3-25.9)	24.1 (22.9-25.4)	24.3 (23.4-25.2)	1.26 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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	Males	Females	Both sexes	Males	Females	Both sexes	Males (95% CI)	Females (95% CI)	Both sexes (95% CI)	Rate Ratio**
<b>Low Triage <sup>a</sup> Emergency Department (ED) visits (2009) <sup>±</sup></b>										
<b>Population Age 0-4</b>										
# of ED visits	36,999	28,846	65,845	15,132	11,909	27,041	180	139	319	
# of Low Triage visits	10,135	8,471	18,606	4,310	3,726	8,036	61	36	97	
Ratio of low to high Triage visits	0.38	0.42	0.40	0.41	0.46	0.43	0.51 (0.38-0.65)	0.35 (0.23-0.47)	0.44 (0.35-0.53)	1.10 NS
% of all ED visits that are Low Triage	27.4	29.4	28.3	28.5	31.3	29.7	33.9 (23.4-44.3)	25.9 (16.1-35.7)	30.4 (23.2-37.7)	1.08 NS
<b>Population Age 5-19</b>										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	247	248	495	
# of Low Triage visits	22,320	17,595	39,915	8,622	7,106	15,728	114	125	239	
Ratio of low to high Triage visits	0.79	0.69	0.75	0.73	0.66	0.70	0.87 (0.67-1.07)	1.02 (0.79-1.26)	0.94 (0.79-1.10)	1.27 H
% of all ED visits that are Low Triage	44.0	40.7	42.4	41.8	39.5	40.7	46.2 (34.6-57.7)	50.4 (37.9-63.0)	48.3 (39.8-56.8)	1.14 NS
<b>Population Age 20-44</b>										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	694	656	1,350	
# of Low Triage visits	46,788	45,261	92,049	24,137	23,245	47,382	292	251	543	
Ratio of low to high Triage visits	0.70	0.52	0.60	0.69	0.58	0.63	0.73 (0.63-0.83)	0.62 (0.53-0.71)	0.68 (0.61-0.74)	1.12 H
% of all ED visits that are Low Triage	41.0	34.2	37.4	40.7	36.4	38.5	42.1 (35.7-48.4)	38.3 (32.2-44.3)	40.2 (35.8-44.6)	1.08 NS
<b>Population Age 45-64</b>										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	497	540	1,037	
# of Low Triage visits	27,429	27,774	55,203	13,968	12,762	26,730	183	213	396	
Ratio of low to high Triage visits	0.45	0.46	0.45	0.45	0.47	0.46	0.59 (0.49-0.69)	0.65 (0.55-0.76)	0.62 (0.55-0.69)	1.37 H
% of all ED visits that are Low Triage	31.1	31.1	31.1	31.0	31.8	31.4	36.8 (30.1-43.5)	39.4 (32.6-46.3)	38.2 (33.4-43.0)	1.23 H

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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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<b>Low Triage <sup>a</sup></b>										
<b>Emergency Department (ED) visits (2009) <sup>±</sup></b>										
<b>Population Age 65-74</b>										
# of ED visits	28,857	32,242	61,099	12,838	13,486	26,324	106	120	226	
# of Low Triage visits	6,215	7,807	14,022	2,844	3,278	6,122	24	36	60	
Ratio of low to high Triage visits	0.28	0.32	0.30	0.29	0.33	0.31	0.30 (0.17-0.42)	0.43 (0.28-0.58)	0.36 (0.26-0.46)	1.21 NS
% of all ED visits that are Low Triage	21.5	24.2	22.9	22.2	24.3	23.3	22.6 (12.3-32.9)	30.0 (18.3-41.7)	26.5 (18.7-34.4)	1.16 NS
<b>Population Age 75+</b>										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	131	228	359	
# of Low Triage visits	6,727	9,938	16,665	2,680	4,038	6,718	21	42	63	
Ratio of low to high Triage visits	0.19	0.19	0.19	0.18	0.19	0.19	0.20 (0.11-0.28)	0.23 (0.16-0.29)	0.22 (0.16-0.27)	1.12 NS
% of all ED visits that are Low Triage	15.6	16.1	15.9	15.3	15.7	15.5	16.0 (8.5-23.5)	18.4 (12.3-24.6)	17.5 (12.8-22.3)	1.11 NS
<b>Total Population</b>										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	1,855	1,931	3,786	
# of Low Triage visits	119,614	116,846	236,460	56,561	54,155	110,716	695	703	1,398	
Ratio of low to high Triage visits	0.50	0.44	0.47	0.50	0.46	0.48	0.60 (0.55-0.66)	0.57 (0.53-0.62)	0.59 (0.55-0.62)	1.27 H
Age-Adjusted ratio of low to high Triage visits <sup>‡</sup>	0.61	0.51	0.55	0.60	0.53	0.56	0.71 (0.64-0.79)	0.70 (0.62-0.79)	0.67 (0.62-0.72)	1.21 H
% of all ED visits that are Low Triage	33.0	30.1	31.5	33.2	31.3	32.2	37.5 (33.9-41.0)	36.4 (33.0-39.8)	36.9 (34.5-39.4)	1.17 H
Age-Adjusted % of all ED visits that are Low Triage <sup>†</sup>	36.3	33.2	34.6	36.2	33.9	34.9	39.8 (36.5-43.2)	38.9 (35.6-42.2)	38.9 (36.6-41.2)	1.12 H

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