

## N74 – North St. James Town Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			North St. James Town			
	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	510	530	1,040	
Total Population Age 5-19	215,715	203,795	419,510	81,570	77,890	159,460	1,230	1,140	2,370	
Total Population Age 20-44	471,380	497,960	969,340	224,185	231,545	455,730	4,370	3,960	8,330	
Total Population Age 45-64	294,840	322,830	617,670	130,750	138,995	269,745	1,840	1,820	3,660	
<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	307	194	501	
Rate of ED visits per 1,000 population per year	537.9	439.7	490.0	523.8	431.5	478.7	602.0 (559.5-644.4)	366.0 (325.0-407.0)	481.7 (451.4-512.1)	0.98 NS
% of the population with one or more ED visits per year	34.1	29.2	31.7	33.2	28.6	31.0	33.1 (27.0-39.2)	22.3 (17.7-26.8)	27.6 (23.8-31.3)	0.87 L
<b>Population Age 5-19</b>										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	262	183	445	
Rate of ED visits per 1,000 population per year	235.4	212.4	224.2	253.1	230.9	242.3	213.0 (190.1-235.9)	160.5 (139.2-181.8)	187.8 (172.0-203.5)	0.84 L
% of the population with one or more ED visits per year	17.3	15.0	16.2	18.3	15.8	17.1	15.6 (13.2-18.0)	10.9 (8.8-12.9)	13.3 (11.8-14.9)	0.82 L
<b>Population Age 20-44</b>										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	1,172	951	2,123	
Rate of ED visits per 1,000 population per year	242.0	265.6	254.1	264.8	275.4	270.2	268.2 (255.1-281.3)	240.2 (226.8-253.5)	254.9 (245.5-264.2)	1.00 NS
% of the population with one or more ED visits per year	15.6	16.9	16.3	16.3	17.3	16.8	15.5 (14.2-16.8)	14.5 (13.2-15.8)	15.0 (14.1-15.9)	0.92 L
<b>Population Age 45-64</b>										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	814	547	1,361	
Rate of ED visits per 1,000 population per year	299.4	276.4	287.4	344.6	289.2	316.1	442.4 (419.7-465.1)	300.5 (279.5-321.6)	371.9 (356.2-387.5)	1.29 H
% of the population with one or more ED visits per year	17.8	17.6	17.7	18.9	17.6	18.2	22.1 (19.6-24.5)	18.5 (16.3-20.7)	20.3 (18.7-21.9)	1.15 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	340	450	790	
Total Population Age 75+	68,060	104,610	172,670	26,385	43,330	69,715	195	425	620	
Total Population	1,199,560	1,292,940	2,492,500	523,535	557,640	1,081,175	8,485	8,325	16,810	
<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	189	221	410	
Rate of ED visits per 1,000 population per year	357.2	328.5	341.5	404.3	352.3	375.9	555.9 (503.1-608.7)	491.1 (444.9-537.3)	519.0 (484.1-553.8)	1.52 H
% of the population with one or more ED visits per year	20.7	20.1	20.4	22.4	21.0	21.7	22.9 (17.1-28.7)	20.4 (15.8-25.1)	21.5 (17.9-25.2)	1.06 NS
<b>Population Age 75+</b>										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	143	275	418	
Rate of ED visits per 1,000 population per year	634.5	590.7	608.0	663.4	595.2	621.0	733.3 (671.3-795.4)	647.1 (601.6-692.5)	674.2 (637.3-711.1)	1.11 H
% of the population with one or more ED visits per year	34.1	33.4	33.7	34.8	33.1	33.7	36.9 (26.2-47.7)	34.8 (27.9-41.8)	35.5 (29.6-41.3)	1.05 NS
<b>Total Population</b>										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	2,887	2,371	5,258	
Rate of ED visits per 1,000 population per year	301.9	299.8	300.8	325.8	310.5	317.9	340.2 (325.0-355.5)	284.8 (271.2-298.4)	312.8 (302.6-323.0)	1.04 H
Age-Adjusted rate of visits per 1,000 †	293.9	292.3	293.1	319.1	303.5	311.2	353.1 (343.2-363.1)	287.5 (278.0-297.0)	320.0 (313.1-327.0)	1.09 H
% of the population with one or more ED visits per year	18.9	19.0	18.9	19.5	19.2	19.3	18.8 (15.8-17.7)	16.7 (17.8-19.8)	17.8 (17.1-18.5)	0.94 L
Age-Adjusted % of the population with an ED visit †	19.2	19.3	19.2	19.0	19.5	19.3	19.5 (18.6-20.4)	16.8 (16.0-17.6)	18.1 (17.5-18.7)	0.94 L

**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	307	194	501	
# of Low Triage visits	10,135	8,471	18,606	4,310	3,726	8,036	125	99	224	
Ratio of low to high Triage visits	0.38	0.42	0.40	0.41	0.46	0.43	0.70 (0.56-0.83)	1.06 (0.79-1.34)	0.82 (0.70-0.95)	2.07 H
% of all ED visits that are Low Triage	27.4	29.4	28.3	28.5	31.3	29.7	40.7 (31.4-50.0)	51.0 (36.7-65.4)	44.7 (36.8-52.6)	1.58 H
<b>Population Age 5-19</b>										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	262	183	445	
# of Low Triage visits	22,320	17,595	39,915	8,622	7,106	15,728	122	74	196	
Ratio of low to high Triage visits	0.79	0.69	0.75	0.73	0.66	0.70	0.88 (0.68-1.08)	0.69 (0.49-0.89)	0.80 (0.65-0.94)	1.07 NS
% of all ED visits that are Low Triage	44.0	40.7	42.4	41.8	39.5	40.7	46.6 (35.3-57.9)	40.4 (28.5-52.4)	44.0 (35.8-52.3)	1.04 NS
<b>Population Age 20-44</b>										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	1,172	951	2,123	
# of Low Triage visits	46,788	45,261	92,049	24,137	23,245	47,382	498	350	848	
Ratio of low to high Triage visits	0.70	0.52	0.60	0.69	0.58	0.63	0.75 (0.67-0.83)	0.59 (0.52-0.66)	0.67 (0.62-0.73)	1.12 H
% of all ED visits that are Low Triage	41.0	34.2	37.4	40.7	36.4	38.5	42.5 (37.6-47.4)	36.8 (32.0-41.7)	39.9 (36.5-43.4)	1.07 NS
<b>Population Age 45-64</b>										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	814	547	1,361	
# of Low Triage visits	27,429	27,774	55,203	13,968	12,762	26,730	250	141	391	
Ratio of low to high Triage visits	0.45	0.46	0.45	0.45	0.47	0.46	0.45 (0.39-0.51)	0.35 (0.29-0.41)	0.41 (0.36-0.45)	0.89 L
% of all ED visits that are Low Triage	31.1	31.1	31.1	31.0	31.8	31.4	30.7 (26.1-35.3)	25.8 (20.8-30.7)	28.7 (25.4-32.1)	0.92 NS

**CI** Confidence Interval.

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

\* 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	189	221	410	
# of Low Triage visits	6,215	7,807	14,022	2,844	3,278	6,122	38	50	88	
Ratio of low to high Triage visits	0.28	0.32	0.30	0.29	0.33	0.31	0.26 (0.18-0.34)	0.30 (0.21-0.39)	0.28 (0.22-0.34)	0.93 NS
% of all ED visits that are Low Triage	21.5	24.2	22.9	22.2	24.3	23.3	20.1 (13.0-27.3)	22.6 (15.5-29.8)	21.5 (16.4-26.5)	0.94 NS
<b>Population Age 75+</b>										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	143	275	418	
# of Low Triage visits	6,727	9,938	16,665	2,680	4,038	6,718	22	46	68	
Ratio of low to high Triage visits	0.19	0.19	0.19	0.18	0.19	0.19	0.19 (0.11-0.26)	0.20 (0.15-0.26)	0.20 (0.15-0.24)	1.04 NS
% of all ED visits that are Low Triage	15.6	16.1	15.9	15.3	15.7	15.5	15.4 (8.4-22.4)	16.7 (11.4-22.0)	16.3 (12.0-20.5)	1.02 NS
<b>Total Population</b>										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	2,887	2,371	5,258	
# of Low Triage visits	119,614	116,846	236,460	56,561	54,155	110,716	1,055	760	1,815	
Ratio of low to high Triage visits	0.50	0.44	0.47	0.50	0.46	0.48	0.58 (0.54-0.62)	0.48 (0.44-0.52)	0.53 (0.51-0.56)	1.15 H
Age-Adjusted ratio of low to high Triage visits <sup>‡</sup>	0.61	0.51	0.55	0.60	0.53	0.56	0.68 (0.62-0.75)	0.56 (0.50-0.62)	0.62 (0.58-0.66)	1.12 H
% of all ED visits that are Low Triage	33.0	30.1	31.5	33.2	31.3	32.2	36.5 (33.8-39.3)	32.1 (29.3-34.8)	34.5 (32.6-36.5)	1.09 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	38.8 (35.9-41.8)	34.2 (31.1-37.4)	36.7 (34.6-38.8)	1.06 H

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

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