

N105 – Lawrence Park North Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			Lawrence Park North			
	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	560	545	1,105	
Total Population Age 5-19	215,715	203,795	419,510	81,570	77,890	159,460	1,325	1,225	2,550	
Total Population Age 20-44	471,380	497,960	969,340	224,185	231,545	455,730	2,325	2,635	4,960	
Total Population Age 45-64	294,840	322,830	617,670	130,750	138,995	269,745	1,645	1,935	3,580	
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	221	148	369	
Rate of ED visits per 1,000 population per year	537.9	439.7	490.0	523.8	431.5	478.7	394.6 (354.2-435.1)	271.6 (234.2-308.9)	333.9 (306.1-361.7)	0.68 L
% of the population with one or more ED visits per year	34.1	29.2	31.7	33.2	28.6	31.0	27.7 (22.6-32.8)	20.6 (16.3-24.8)	24.2 (20.8-27.5)	0.76 L
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	352	249	601	
Rate of ED visits per 1,000 population per year	235.4	212.4	224.2	253.1	230.9	242.3	265.7 (241.9-289.4)	203.3 (180.7-225.8)	235.7 (219.2-252.2)	1.05 NS
% of the population with one or more ED visits per year	17.3	15.0	16.2	18.3	15.8	17.1	19.8 (17.2-22.5)	15.2 (12.8-17.6)	17.6 (15.8-19.4)	1.09 NS
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	369	541	910	
Rate of ED visits per 1,000 population per year	242.0	265.6	254.1	264.8	275.4	270.2	158.7 (143.9-173.6)	205.3 (189.9-220.7)	183.5 (172.7-194.2)	0.72 L
% of the population with one or more ED visits per year	15.6	16.9	16.3	16.3	17.3	16.8	12.7 (11.1-14.2)	13.5 (12.0-15.0)	13.1 (12.0-14.2)	0.81 L
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	322	365	687	
Rate of ED visits per 1,000 population per year	299.4	276.4	287.4	344.6	289.2	316.1	195.7 (176.6-214.9)	188.6 (171.2-206.1)	191.9 (179.0-204.8)	0.67 L
% of the population with one or more ED visits per year	17.8	17.6	17.7	18.9	17.6	18.2	14.0 (12.1-16.0)	14.0 (12.2-15.7)	14.0 (12.7-15.3)	0.79 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).

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Demographics ***										
Total Population Age 65-74	80,785	98,145	178,930	31,755	38,280	70,035	315	395	710	
Total Population Age 75+	68,060	104,610	172,670	26,385	43,330	69,715	290	505	795	
Total Population	1,199,560	1,292,940	2,492,500	523,535	557,640	1,081,175	6,460	7,240	13,700	
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	101	160	261	
Rate of ED visits per 1,000 population per year	357.2	328.5	341.5	404.3	352.3	375.9	320.6 (269.1-372.2)	405.1 (356.7-453.5)	367.6 (332.1-403.1)	1.08 NS
% 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 (16.8-28.9)	26.3 (20.4-32.2)	24.8 (20.6-29.0)	1.22 H
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	209	306	515	
Rate of ED visits per 1,000 population per year	634.5	590.7	608.0	663.4	595.2	621.0	720.7 (669.1-772.3)	605.9 (563.3-648.6)	647.8 (614.6-681.0)	1.07 H
% of the population with one or more ED visits per year	34.1	33.4	33.7	34.8	33.1	33.7	41.7 (32.0-51.5)	35.2 (28.8-41.7)	37.6 (32.2-43.0)	1.12 NS
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	1,574	1,769	3,343	
Rate of ED visits per 1,000 population per year	301.9	299.8	300.8	325.8	310.5	317.9	243.7 (229.8-257.5)	244.3 (231.2-257.4)	244.0 (234.5-253.5)	0.81 L
Age-Adjusted rate of visits per 1,000 †	293.9	292.3	293.1	319.1	303.5	311.2	232.4 (222.1-242.6)	247.6 (237.5-257.7)	240.0 (232.8-247.3)	0.82 L
% of the population with one or more ED visits per year	18.9	19.0	18.9	19.5	19.2	19.3	17.6 (15.6-17.7)	16.7 (16.5-18.7)	17.1 (16.3-17.9)	0.90 L
Age-Adjusted % of the population with an ED visit †	19.2	19.3	19.2	19.0	19.5	19.3	17.1 (16.1-18.0)	16.8 (15.9-17.7)	17.0 (16.3-17.6)	0.88 L

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

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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	221	148	369	
# of Low Triage visits	10,135	8,471	18,606	4,310	3,726	8,036	73	34	107	
Ratio of low to high Triage visits	0.38	0.42	0.40	0.41	0.46	0.43	0.51 (0.38-0.64)	0.31 (0.19-0.42)	0.42 (0.33-0.51)	1.05 NS
% of all ED visits that are Low Triage	27.4	29.4	28.3	28.5	31.3	29.7	33.0 (23.8-42.3)	23.0 (14.2-31.8)	29.0 (22.5-35.5)	1.03 NS
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	352	249	601	
# of Low Triage visits	22,320	17,595	39,915	8,622	7,106	15,728	159	112	271	
Ratio of low to high Triage visits	0.79	0.69	0.75	0.73	0.66	0.70	0.83 (0.67-1.00)	0.82 (0.63-1.02)	0.83 (0.70-0.95)	1.11 NS
% of all ED visits that are Low Triage	44.0	40.7	42.4	41.8	39.5	40.7	45.2 (35.7-54.7)	45.0 (33.7-56.2)	45.1 (37.8-52.3)	1.06 NS
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	369	541	910	
# of Low Triage visits	46,788	45,261	92,049	24,137	23,245	47,382	177	180	357	
Ratio of low to high Triage visits	0.70	0.52	0.60	0.69	0.58	0.63	0.93 (0.74-1.11)	0.51 (0.42-0.59)	0.65 (0.57-0.74)	1.09 NS
% of all ED visits that are Low Triage	41.0	34.2	37.4	40.7	36.4	38.5	48.0 (38.2-57.8)	33.3 (27.3-39.2)	39.2 (34.0-44.5)	1.05 NS
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	322	365	687	
# of Low Triage visits	27,429	27,774	55,203	13,968	12,762	26,730	101	126	227	
Ratio of low to high Triage visits	0.45	0.46	0.45	0.45	0.47	0.46	0.46 (0.36-0.57)	0.53 (0.42-0.64)	0.50 (0.42-0.57)	1.10 NS
% of all ED visits that are Low Triage	31.1	31.1	31.1	31.0	31.8	31.4	31.4 (24.0-38.8)	34.5 (27.1-42.0)	33.0 (27.8-38.3)	1.06 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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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	101	160	261	
# of Low Triage visits	6,215	7,807	14,022	2,844	3,278	6,122	20	37	57	
Ratio of low to high Triage visits	0.28	0.32	0.30	0.29	0.33	0.31	0.25 (0.14-0.37)	0.30 (0.20-0.41)	0.28 (0.21-0.36)	0.94 NS
% of all ED visits that are Low Triage	21.5	24.2	22.9	22.2	24.3	23.3	19.8 (10.1-29.5)	23.1 (14.6-31.6)	21.8 (15.4-28.3)	0.95 NS
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	209	306	515	
# of Low Triage visits	6,727	9,938	16,665	2,680	4,038	6,718	33	56	89	
Ratio of low to high Triage visits	0.19	0.19	0.19	0.18	0.19	0.19	0.19 (0.13-0.25)	0.23 (0.17-0.29)	0.21 (0.17-0.26)	1.11 NS
% of all ED visits that are Low Triage	15.6	16.1	15.9	15.3	15.7	15.5	15.8 (9.9-21.7)	18.3 (13.0-23.6)	17.3 (13.3-21.2)	1.09 NS
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	1,574	1,769	3,343	
# of Low Triage visits	119,614	116,846	236,460	56,561	54,155	110,716	563	545	1,108	
Ratio of low to high Triage visits	0.50	0.44	0.47	0.50	0.46	0.48	0.56 (0.51-0.62)	0.45 (0.41-0.49)	0.50 (0.47-0.54)	1.08 H
Age-Adjusted ratio of low to high Triage visits [‡]	0.61	0.51	0.55	0.60	0.53	0.56	0.77 (0.66-0.88)	0.55 (0.48-0.61)	0.61 (0.56-0.66)	1.11 H
% of all ED visits that are Low Triage	33.0	30.1	31.5	33.2	31.3	32.2	35.8 (32.1-39.5)	30.8 (27.7-33.9)	33.1 (30.8-35.5)	1.05 NS
Age-Adjusted % of all ED visits that are Low Triage [†]	36.3	33.2	34.6	36.2	33.9	34.9	40.8 (36.3-45.3)	34.0 (30.6-37.4)	36.5 (33.9-39.2)	1.06 NS

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