

N73 – Moss Park Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			Moss Park			
	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	250	275	525	
Total Population Age 5-19	215,715	203,795	419,510	81,570	77,890	159,460	625	570	1,195	
Total Population Age 20-44	471,380	497,960	969,340	224,185	231,545	455,730	4,150	3,140	7,290	
Total Population Age 45-64	294,840	322,830	617,670	130,750	138,995	269,745	2,160	1,400	3,560	
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	208	166	374	
Rate of ED visits per 1,000 population per year	537.9	439.7	490.0	523.8	431.5	478.7	832.0 (785.7-878.3)	603.6 (545.8-661.4)	712.4 (673.7-751.1)	1.45 H
% of the population with one or more ED visits per year	34.1	29.2	31.7	33.2	28.6	31.0	46.0 (34.6-57.4)	35.3 (26.5-44.0)	40.4 (33.3-47.4)	1.27 H
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	237	192	429	
Rate of ED visits per 1,000 population per year	235.4	212.4	224.2	253.1	230.9	242.3	379.2 (341.2-417.2)	336.8 (298.0-375.6)	359.0 (331.8-386.2)	1.60 H
% of the population with one or more ED visits per year	17.3	15.0	16.2	18.3	15.8	17.1	21.1 (17.1-25.2)	23.2 (18.7-27.7)	22.1 (19.1-25.1)	1.37 H
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	2,706	1,365	4,071	
Rate of ED visits per 1,000 population per year	242.0	265.6	254.1	264.8	275.4	270.2	652.0 (637.6-666.5)	434.7 (417.4-452.1)	558.4 (547.0-569.8)	2.20 H
% of the population with one or more ED visits per year	15.6	16.9	16.3	16.3	17.3	16.8	23.2 (21.5-24.9)	22.6 (20.7-24.5)	22.9 (21.7-24.2)	1.41 H
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	2,946	894	3,840	
Rate of ED visits per 1,000 population per year	299.4	276.4	287.4	344.6	289.2	316.1	1,363.9 (1,334.2-1,393.6)	638.6 (613.4-663.7)	1,078.7 (1,069.1-1,088.2)	3.75 H
% of the population with one or more ED visits per year	17.8	17.6	17.7	18.9	17.6	18.2	41.4 (37.8-44.9)	27.7 (24.5-31.0)	36.0 (33.5-38.5)	2.04 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	415	260	675	
Total Population Age 75+	68,060	104,610	172,670	26,385	43,330	69,715	175	215	390	
Total Population	1,199,560	1,292,940	2,492,500	523,535	557,640	1,081,175	7,775	5,860	13,635	
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	414	160	574	
Rate of ED visits per 1,000 population per year	357.2	328.5	341.5	404.3	352.3	375.9	997.6	615.4	850.4	2.49 H
% of the population with one or more ED visits per year	20.7	20.1	20.4	22.4	21.0	21.7	40.0	36.2	38.5	1.89 H
							(32.1-47.9)	(27.0-45.3)	(32.5-44.5)	
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	225	200	425	
Rate of ED visits per 1,000 population per year	634.5	590.7	608.0	663.4	595.2	621.0	1,285.7	930.2	1,089.7	1.79 H
% of the population with one or more ED visits per year	34.1	33.4	33.7	34.8	33.1	33.7	46.3	46.0	46.2	1.37 H
							(32.5-60.0)	(33.7-58.4)	(37.0-55.3)	
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	6,736	2,977	9,713	
Rate of ED visits per 1,000 population per year	301.9	299.8	300.8	325.8	310.5	317.9	866.4	508.0	712.4	2.37 H
Age-Adjusted rate of visits per 1,000 †	293.9	292.3	293.1	319.1	303.5	311.2	784.2	506.8	644.3	2.20 H
% of the population with one or more ED visits per year	18.9	19.0	18.9	19.5	19.2	19.3	30.2	25.9	28.4	1.50 H
							(24.4-27.4)	(28.8-31.7)	(27.3-29.4)	
Age-Adjusted % of the population with an ED visit †	19.2	19.3	19.2	19.0	19.5	19.3	30.2	26.8	28.7	1.49 H
							(29.1-31.2)	(25.6-28.0)	(27.9-29.5)	

CI Confidence Interval.

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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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	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	208	166	374	
# of Low Triage visits	10,135	8,471	18,606	4,310	3,726	8,036	74	56	130	
Ratio of low to high Triage visits	0.38	0.42	0.40	0.41	0.46	0.43	0.59 (0.46-0.73)	0.52 (0.38-0.66)	0.56 (0.46-0.66)	1.40 H
% of all ED visits that are Low Triage	27.4	29.4	28.3	28.5	31.3	29.7	35.6 (25.5-45.7)	33.7 (22.9-44.6)	34.8 (27.4-42.2)	1.23 NS
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	237	192	429	
# of Low Triage visits	22,320	17,595	39,915	8,622	7,106	15,728	102	77	179	
Ratio of low to high Triage visits	0.79	0.69	0.75	0.73	0.66	0.70	0.76 (0.58-0.93)	0.69 (0.50-0.87)	0.72 (0.60-0.85)	0.97 NS
% of all ED visits that are Low Triage	44.0	40.7	42.4	41.8	39.5	40.7	43.0 (32.0-54.1)	40.1 (28.5-51.7)	41.7 (33.7-49.7)	0.98 NS
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	2,706	1,365	4,071	
# of Low Triage visits	46,788	45,261	92,049	24,137	23,245	47,382	1,067	559	1,626	
Ratio of low to high Triage visits	0.70	0.52	0.60	0.69	0.58	0.63	0.66 (0.62-0.70)	0.70 (0.64-0.77)	0.67 (0.64-0.71)	1.12 H
% of all ED visits that are Low Triage	41.0	34.2	37.4	40.7	36.4	38.5	39.4 (36.4-42.5)	41.0 (36.5-45.4)	39.9 (37.4-42.4)	1.07 H
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	2,946	894	3,840	
# of Low Triage visits	27,429	27,774	55,203	13,968	12,762	26,730	1,005	297	1,302	
Ratio of low to high Triage visits	0.45	0.46	0.45	0.45	0.47	0.46	0.53 (0.50-0.55)	0.50 (0.44-0.56)	0.52 (0.50-0.55)	1.14 H
% of all ED visits that are Low Triage	31.1	31.1	31.1	31.0	31.8	31.4	34.1 (31.5-36.7)	33.2 (28.6-37.8)	33.9 (31.6-36.2)	1.09 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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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	414	160	574	
# of Low Triage visits	6,215	7,807	14,022	2,844	3,278	6,122	107	42	149	
Ratio of low to high Triage visits	0.28	0.32	0.30	0.29	0.33	0.31	0.35 (0.29-0.42)	0.37 (0.25-0.48)	0.36 (0.30-0.41)	1.19 H
% of all ED visits that are Low Triage	21.5	24.2	22.9	22.2	24.3	23.3	25.8 (20.2-31.5)	26.3 (17.0-35.5)	26.0 (21.1-30.8)	1.13 NS
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	225	200	425	
# of Low Triage visits	6,727	9,938	16,665	2,680	4,038	6,718	50	24	74	
Ratio of low to high Triage visits	0.19	0.19	0.19	0.18	0.19	0.19	0.29 (0.22-0.36)	0.14 (0.09-0.19)	0.22 (0.17-0.26)	1.13 NS
% of all ED visits that are Low Triage	15.6	16.1	15.9	15.3	15.7	15.5	22.2 (15.2-29.2)	12.0 (6.9-17.1)	17.4 (13.0-21.8)	1.10 NS
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	6,736	2,977	9,713	
# of Low Triage visits	119,614	116,846	236,460	56,561	54,155	110,716	2,405	1,055	3,460	
Ratio of low to high Triage visits	0.50	0.44	0.47	0.50	0.46	0.48	0.56 (0.54-0.59)	0.56 (0.52-0.59)	0.56 (0.54-0.58)	1.21 H
Age-Adjusted ratio of low to high Triage visits ‡	0.61	0.51	0.55	0.60	0.53	0.56	0.64 (0.58-0.69)	0.59 (0.54-0.64)	0.62 (0.58-0.65)	1.12 H
% of all ED visits that are Low Triage	33.0	30.1	31.5	33.2	31.3	32.2	35.7 (33.9-37.5)	35.4 (32.8-38.1)	35.6 (34.1-37.1)	1.13 H
Age-Adjusted % of all ED visits that are Low Triage †	36.3	33.2	34.6	36.2	33.9	34.9	37.9 (35.4-40.4)	35.7 (33.0-38.3)	37.0 (35.3-38.8)	1.07 H

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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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