

N2 – Mount Olive-Silverstone-Jamestown Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			Mount Olive-Silverstone-Jamestown			
	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	1,310	1,345	2,655	
Total Population Age 5-19	215,715	203,795	419,510	81,570	77,890	159,460	3,975	3,630	7,605	
Total Population Age 20-44	471,380	497,960	969,340	224,185	231,545	455,730	6,105	6,595	12,700	
Total Population Age 45-64	294,840	322,830	617,670	130,750	138,995	269,745	3,230	3,330	6,560	
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	673	582	1,255	
Rate of ED visits per 1,000 population per year	537.9	439.7	490.0	523.8	431.5	478.7	513.7 (486.7-540.8)	432.7 (406.2-459.2)	472.7 (453.7-491.7)	0.96 NS
% of the population with one or more ED visits per year	34.1	29.2	31.7	33.2	28.6	31.0	33.9 (30.0-37.8)	27.4 (24.1-30.6)	30.6 (28.1-33.1)	0.96 NS
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	830	727	1,557	
Rate of ED visits per 1,000 population per year	235.4	212.4	224.2	253.1	230.9	242.3	208.8 (196.2-221.4)	200.3 (187.3-213.3)	204.7 (195.7-213.8)	0.91 L
% of the population with one or more ED visits per year	17.3	15.0	16.2	18.3	15.8	17.1	14.8 (13.5-16.1)	14.2 (12.9-15.5)	14.5 (13.6-15.5)	0.90 L
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	1,319	1,879	3,198	
Rate of ED visits per 1,000 population per year	242.0	265.6	254.1	264.8	275.4	270.2	216.1 (205.7-226.4)	284.9 (274.0-295.8)	251.8 (244.3-259.4)	0.99 NS
% of the population with one or more ED visits per year	15.6	16.9	16.3	16.3	17.3	16.8	14.8 (13.8-15.9)	18.1 (17.0-19.2)	16.5 (15.7-17.3)	1.02 NS
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	941	1,043	1,984	
Rate of ED visits per 1,000 population per year	299.4	276.4	287.4	344.6	289.2	316.1	291.3 (275.7-307.0)	313.2 (297.5-329.0)	302.4 (291.3-313.6)	1.05 H
% of the population with one or more ED visits per year	17.8	17.6	17.7	18.9	17.6	18.2	18.2 (16.6-19.8)	19.3 (17.6-21.0)	18.8 (17.6-19.9)	1.06 NS

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	785	870	1,655	
Total Population Age 75+	68,060	104,610	172,670	26,385	43,330	69,715	445	490	935	
Total Population	1,199,560	1,292,940	2,492,500	523,535	557,640	1,081,175	15,850	16,260	32,110	
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	264	329	593	
Rate of ED visits per 1,000 population per year	357.2	328.5	341.5	404.3	352.3	375.9	336.3 (303.3-369.4)	378.2 (345.9-410.4)	358.3 (335.2-381.4)	1.05 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 (19.1-26.7)	22.8 (19.2-26.4)	22.8 (20.2-25.5)	1.12 NS
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	276	289	565	
Rate of ED visits per 1,000 population per year	634.5	590.7	608.0	663.4	595.2	621.0	620.2 (575.1-665.3)	589.8 (546.2-633.3)	604.3 (572.9-635.6)	0.99 NS
% of the population with one or more ED visits per year	34.1	33.4	33.7	34.8	33.1	33.7	34.4 (27.7-41.1)	33.3 (27.0-39.5)	33.8 (29.2-38.4)	1.00 NS
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	4,303	4,849	9,152	
Rate of ED visits per 1,000 population per year	301.9	299.8	300.8	325.8	310.5	317.9	271.5 (262.0-281.0)	298.2 (288.2-308.2)	285.0 (278.1-291.9)	0.95 L
Age-Adjusted rate of visits per 1,000 †	293.9	292.3	293.1	319.1	303.5	311.2	273.5 (266.7-280.3)	308.8 (301.7-316.0)	291.3 (286.4-296.3)	0.99 NS
% of the population with one or more ED visits per year	18.9	19.0	18.9	19.5	19.2	19.3	18.0 (18.2-19.7)	18.9 (17.3-18.8)	18.5 (18.0-19.0)	0.98 NS
Age-Adjusted % of the population with an ED visit †	19.2	19.3	19.2	19.0	19.5	19.3	18.1 (17.5-18.7)	19.5 (18.8-20.1)	18.8 (18.4-19.2)	0.98 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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	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	673	582	1,255	
# of Low Triage visits	10,135	8,471	18,606	4,310	3,726	8,036	136	118	254	
Ratio of low to high Triage visits	0.38	0.42	0.40	0.41	0.46	0.43	0.25 (0.21-0.30)	0.26 (0.21-0.30)	0.26 (0.22-0.29)	0.64 L
% of all ED visits that are Low Triage	27.4	29.4	28.3	28.5	31.3	29.7	20.2 (16.4-24.0)	20.3 (16.2-24.4)	20.2 (17.5-23.0)	0.72 L
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	830	727	1,557	
# of Low Triage visits	22,320	17,595	39,915	8,622	7,106	15,728	271	221	492	
Ratio of low to high Triage visits	0.79	0.69	0.75	0.73	0.66	0.70	0.49 (0.42-0.55)	0.44 (0.37-0.50)	0.46 (0.42-0.51)	0.62 L
% of all ED visits that are Low Triage	44.0	40.7	42.4	41.8	39.5	40.7	32.7 (27.9-37.4)	30.4 (25.6-35.2)	31.6 (28.2-35.0)	0.74 L
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	1,319	1,879	3,198	
# of Low Triage visits	46,788	45,261	92,049	24,137	23,245	47,382	423	394	817	
Ratio of low to high Triage visits	0.70	0.52	0.60	0.69	0.58	0.63	0.47 (0.42-0.53)	0.27 (0.24-0.29)	0.34 (0.32-0.37)	0.57 L
% of all ED visits that are Low Triage	41.0	34.2	37.4	40.7	36.4	38.5	32.1 (28.4-35.8)	21.0 (18.6-23.3)	25.5 (23.5-27.6)	0.68 L
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	941	1,043	1,984	
# of Low Triage visits	27,429	27,774	55,203	13,968	12,762	26,730	227	190	417	
Ratio of low to high Triage visits	0.45	0.46	0.45	0.45	0.47	0.46	0.32 (0.27-0.36)	0.22 (0.19-0.26)	0.27 (0.24-0.29)	0.59 L
% of all ED visits that are Low Triage	31.1	31.1	31.1	31.0	31.8	31.4	24.1 (20.5-27.7)	18.2 (15.4-21.1)	21.0 (18.7-23.3)	0.68 L

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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.

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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	264	329	593	
# of Low Triage visits	6,215	7,807	14,022	2,844	3,278	6,122	42	39	81	
Ratio of low to high Triage visits	0.28	0.32	0.30	0.29	0.33	0.31	0.19 (0.13-0.25)	0.14 (0.09-0.18)	0.16 (0.12-0.20)	0.53 L
% of all ED visits that are Low Triage	21.5	24.2	22.9	22.2	24.3	23.3	15.9 (10.7-21.2)	11.9 (7.9-15.8)	13.7 (10.5-16.9)	0.60 L
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	276	289	565	
# of Low Triage visits	6,727	9,938	16,665	2,680	4,038	6,718	34	32	66	
Ratio of low to high Triage visits	0.19	0.19	0.19	0.18	0.19	0.19	0.14 (0.09-0.19)	0.13 (0.08-0.17)	0.13 (0.10-0.16)	0.69 L
% of all ED visits that are Low Triage	15.6	16.1	15.9	15.3	15.7	15.5	12.3 (7.9-16.7)	11.1 (7.0-15.1)	11.7 (8.7-14.7)	0.74 L
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	4,303	4,849	9,152	
# of Low Triage visits	119,614	116,846	236,460	56,561	54,155	110,716	1,133	994	2,127	
Ratio of low to high Triage visits	0.50	0.44	0.47	0.50	0.46	0.48	0.36 (0.34-0.38)	0.26 (0.24-0.28)	0.30 (0.29-0.32)	0.65 L
Age-Adjusted ratio of low to high Triage visits [‡]	0.61	0.51	0.55	0.60	0.53	0.56	0.41 (0.38-0.44)	0.27 (0.25-0.29)	0.33 (0.31-0.34)	0.59 L
% of all ED visits that are Low Triage	33.0	30.1	31.5	33.2	31.3	32.2	26.3 (24.5-28.1)	20.5 (19.1-21.9)	23.2 (22.1-24.4)	0.74 L
Age-Adjusted % of all ED visits that are Low Triage [†]	36.3	33.2	34.6	36.2	33.9	34.9	28.2 (26.4-30.1)	20.9 (19.5-22.3)	24.0 (22.9-25.2)	0.69 L

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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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