

## N118 – Tam O'Shanter-Sullivan Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			Tam O'Shanter-Sullivan			
	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	750	685	1,435	
Total Population Age 5-19	215,715	203,795	419,510	81,570	77,890	159,460	2,385	2,170	4,555	
Total Population Age 20-44	471,380	497,960	969,340	224,185	231,545	455,730	4,680	5,075	9,755	
Total Population Age 45-64	294,840	322,830	617,670	130,750	138,995	269,745	2,930	3,350	6,280	
<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	345	294	639	
Rate of ED visits per 1,000 population per year	537.9	439.7	490.0	523.8	431.5	478.7	460.0 (424.3-495.7)	429.2 (392.1-466.3)	445.3 (419.6-471.0)	0.91 L
% of the population with one or more ED visits per year	34.1	29.2	31.7	33.2	28.6	31.0	28.4 (23.9-32.9)	30.8 (25.8-35.8)	29.5 (26.2-32.9)	0.93 NS
<b>Population Age 5-19</b>										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	437	376	813	
Rate of ED visits per 1,000 population per year	235.4	212.4	224.2	253.1	230.9	242.3	183.2 (167.7-198.8)	173.3 (157.3-189.2)	178.5 (167.4-189.6)	0.80 L
% of the population with one or more ED visits per year	17.3	15.0	16.2	18.3	15.8	17.1	13.3 (11.7-14.9)	12.9 (11.3-14.6)	13.1 (12.0-14.3)	0.81 L
<b>Population Age 20-44</b>										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	766	836	1,602	
Rate of ED visits per 1,000 population per year	242.0	265.6	254.1	264.8	275.4	270.2	163.7 (153.1-174.3)	164.7 (154.5-174.9)	164.2 (156.9-171.6)	0.65 L
% of the population with one or more ED visits per year	15.6	16.9	16.3	16.3	17.3	16.8	11.6 (10.5-12.6)	12.0 (11.0-13.0)	11.8 (11.1-12.5)	0.73 L
<b>Population Age 45-64</b>										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	610	753	1,363	
Rate of ED visits per 1,000 population per year	299.4	276.4	287.4	344.6	289.2	316.1	208.2 (193.5-222.9)	224.8 (210.6-238.9)	217.0 (207.0-227.4)	0.76 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 (12.5-15.4)	15.5 (14.0-16.9)	14.8 (13.7-15.8)	0.84 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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<b>Demographics ***</b>										
Total Population Age 65-74	80,785	98,145	178,930	31,755	38,280	70,035	1,045	1,430	2,475	
Total Population Age 75+	68,060	104,610	172,670	26,385	43,330	69,715	980	1,740	2,720	
Total Population	1,199,560	1,292,940	2,492,500	523,535	557,640	1,081,175	12,770	14,450	27,220	
<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	282	368	650	
Rate of ED visits per 1,000 population per year	357.2	328.5	341.5	404.3	352.3	375.9	269.9 (242.9-296.8)	257.3 (234.7-280.0)	262.6 (245.3-280.0)	0.77 L
% of the population with one or more ED visits per year	20.7	20.1	20.4	22.4	21.0	21.7	17.5 (14.7-20.3)	16.8 (14.5-19.1)	17.1 (15.3-18.9)	0.84 L
<b>Population Age 75+</b>										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	521	935	1,456	
Rate of ED visits per 1,000 population per year	634.5	590.7	608.0	663.4	595.2	621.0	531.6 (500.4-562.9)	537.4 (513.9-560.8)	535.3 (516.6-554.0)	0.88 L
% of the population with one or more ED visits per year	34.1	33.4	33.7	34.8	33.1	33.7	33.4 (28.9-37.8)	31.7 (28.5-34.9)	32.3 (29.7-34.9)	0.96 NS
<b>Total Population</b>										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	2,961	3,562	6,523	
Rate of ED visits per 1,000 population per year	301.9	299.8	300.8	325.8	310.5	317.9	231.9 (222.3-241.4)	246.5 (237.2-255.8)	239.6 (233.0-246.3)	0.80 L
Age-Adjusted rate of visits per 1,000 †	293.9	292.3	293.1	319.1	303.5	311.2	219.2 (211.9-226.4)	224.0 (217.2-230.8)	221.6 (216.7-226.6)	0.76 L
% of the population with one or more ED visits per year	18.9	19.0	18.9	19.5	19.2	19.3	15.6 (15.9-17.4)	16.7 (14.8-16.3)	16.2 (15.7-16.7)	0.85 L
Age-Adjusted % of the population with an ED visit †	19.2	19.3	19.2	19.0	19.5	19.3	14.9 (14.3-15.6)	15.6 (15.0-16.2)	15.3 (14.8-15.7)	0.79 L

**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.

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± All unscheduled ED visits. Data source: National Ambulatory Care Reporting System (NACRS), Canadian Institute for Health Information (CIHI).

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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	345	294	639	
# of Low Triage visits	10,135	8,471	18,606	4,310	3,726	8,036	88	85	173	
Ratio of low to high Triage visits	0.38	0.42	0.40	0.41	0.46	0.43	0.35 (0.27-0.42)	0.41 (0.32-0.50)	0.37 (0.32-0.43)	0.94 NS
% of all ED visits that are Low Triage	27.4	29.4	28.3	28.5	31.3	29.7	25.5 (19.3-31.7)	28.9 (21.6-36.2)	27.1 (22.3-31.8)	0.96 NS
<b>Population Age 5-19</b>										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	437	376	813	
# of Low Triage visits	22,320	17,595	39,915	8,622	7,106	15,728	235	155	390	
Ratio of low to high Triage visits	0.79	0.69	0.75	0.73	0.66	0.70	1.18 (0.97-1.39)	0.70 (0.56-0.84)	0.93 (0.81-1.05)	1.25 H
% of all ED visits that are Low Triage	44.0	40.7	42.4	41.8	39.5	40.7	53.8 (43.7-63.9)	41.2 (32.8-49.7)	48.0 (41.4-54.6)	1.13 NS
<b>Population Age 20-44</b>										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	766	836	1,602	
# of Low Triage visits	46,788	45,261	92,049	24,137	23,245	47,382	328	324	652	
Ratio of low to high Triage visits	0.70	0.52	0.60	0.69	0.58	0.63	0.76 (0.65-0.86)	0.64 (0.55-0.72)	0.69 (0.63-0.76)	1.15 H
% of all ED visits that are Low Triage	41.0	34.2	37.4	40.7	36.4	38.5	42.8 (36.7-48.9)	38.8 (33.4-44.1)	40.7 (36.6-44.8)	1.09 NS
<b>Population Age 45-64</b>										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	610	753	1,363	
# of Low Triage visits	27,429	27,774	55,203	13,968	12,762	26,730	193	248	441	
Ratio of low to high Triage visits	0.45	0.46	0.45	0.45	0.47	0.46	0.47 (0.39-0.54)	0.49 (0.42-0.56)	0.48 (0.43-0.53)	1.06 NS
% of all ED visits that are Low Triage	31.1	31.1	31.1	31.0	31.8	31.4	31.6 (26.2-37.0)	32.9 (27.9-37.9)	32.4 (28.7-36.1)	1.04 NS

**CI** Confidence Interval.

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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.

<sup>a</sup> Low triage was defined as Canadian Triage and Acuity Scale (CTAS) levels 4 and 5 excluding those who were subsequently admitted to hospital.

<sup>±</sup> 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> 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	282	368	650	
# of Low Triage visits	6,215	7,807	14,022	2,844	3,278	6,122	72	87	159	
Ratio of low to high Triage visits	0.28	0.32	0.30	0.29	0.33	0.31	0.35 (0.26-0.43)	0.31 (0.24-0.38)	0.33 (0.27-0.38)	1.08 NS
% of all ED visits that are Low Triage	21.5	24.2	22.9	22.2	24.3	23.3	25.5 (18.7-32.4)	23.6 (18.0-29.3)	24.5 (20.1-28.8)	1.07 NS
<b>Population Age 75+</b>										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	521	935	1,456	
# of Low Triage visits	6,727	9,938	16,665	2,680	4,038	6,718	111	166	277	
Ratio of low to high Triage visits	0.19	0.19	0.19	0.18	0.19	0.19	0.28 (0.23-0.33)	0.22 (0.19-0.26)	0.24 (0.21-0.27)	1.26 H
% of all ED visits that are Low Triage	15.6	16.1	15.9	15.3	15.7	15.5	21.3 (16.8-25.8)	17.8 (14.8-20.7)	19.0 (16.5-21.5)	1.20 H
<b>Total Population</b>										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	2,961	3,562	6,523	
# of Low Triage visits	119,614	116,846	236,460	56,561	54,155	110,716	1,027	1,065	2,092	
Ratio of low to high Triage visits	0.50	0.44	0.47	0.50	0.46	0.48	0.54 (0.50-0.58)	0.43 (0.40-0.46)	0.48 (0.46-0.50)	1.03 NS
Age-Adjusted ratio of low to high Triage visits ‡	0.61	0.51	0.55	0.60	0.53	0.56	0.76 (0.68-0.84)	0.56 (0.51-0.61)	0.64 (0.60-0.68)	1.15 H
% of all ED visits that are Low Triage	33.0	30.1	31.5	33.2	31.3	32.2	34.7 (32.1-37.3)	29.9 (27.8-32.0)	32.1 (30.4-33.8)	1.02 NS
Age-Adjusted % of all ED visits that are Low Triage †	36.3	33.2	34.6	36.2	33.9	34.9	40.3 (37.2-43.4)	35.1 (32.5-37.8)	37.6 (35.6-39.6)	1.09 H

CI Confidence Interval.

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