

N97 – Yonge-St. Clair Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			Yonge-St. Clair			
	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	225	175	400	
Total Population Age 5-19	215,715	203,795	419,510	81,570	77,890	159,460	430	390	820	
Total Population Age 20-44	471,380	497,960	969,340	224,185	231,545	455,730	2,255	2,680	4,935	
Total Population Age 45-64	294,840	322,830	617,670	130,750	138,995	269,745	1,290	1,685	2,975	
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	66	42	108	
Rate of ED visits per 1,000 population per year	537.9	439.7	490.0	523.8	431.5	478.7	293.3 (233.8-352.8)	240.0 (176.7-303.3)	270.0 (226.5-313.5)	0.55 L
% of the population with one or more ED visits per year	34.1	29.2	31.7	33.2	28.6	31.0	21.3 (14.5-28.1)	18.9 (11.7-26.0)	20.3 (15.3-25.2)	0.64 L
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	105	70	175	
Rate of ED visits per 1,000 population per year	235.4	212.4	224.2	253.1	230.9	242.3	244.2 (203.6-284.8)	179.5 (141.4-217.6)	213.4 (185.4-241.5)	0.95 NS
% of the population with one or more ED visits per year	17.3	15.0	16.2	18.3	15.8	17.1	18.1 (13.7-22.6)	13.8 (9.9-17.8)	16.1 (13.1-19.1)	1.00 NS
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	371	522	893	
Rate of ED visits per 1,000 population per year	242.0	265.6	254.1	264.8	275.4	270.2	164.5 (149.2-179.8)	194.8 (179.8-209.8)	181.0 (170.2-191.7)	0.71 L
% of the population with one or more ED visits per year	15.6	16.9	16.3	16.3	17.3	16.8	12.0 (10.5-13.5)	12.8 (11.3-14.2)	12.4 (11.4-13.5)	0.76 L
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	245	341	586	
Rate of ED visits per 1,000 population per year	299.4	276.4	287.4	344.6	289.2	316.1	189.9 (168.5-211.3)	202.4 (183.2-221.6)	197.0 (182.7-211.3)	0.69 L
% of the population with one or more ED visits per year	17.8	17.6	17.7	18.9	17.6	18.2	12.5 (10.4-14.5)	13.3 (11.4-15.2)	12.9 (11.6-14.3)	0.73 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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	Males	Females	Both sexes	Males	Females	Both sexes	Males (95% CI)	Females (95% CI)	Both sexes (95% CI)	Rate Ratio**
Demographics ***										
Total Population Age 65-74	80,785	98,145	178,930	31,755	38,280	70,035	450	580	1,030	
Total Population Age 75+	68,060	104,610	172,670	26,385	43,330	69,715	380	725	1,105	
Total Population	1,199,560	1,292,940	2,492,500	523,535	557,640	1,081,175	5,030	6,235	11,265	
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	124	141	265	
Rate of ED visits per 1,000 population per year	357.2	328.5	341.5	404.3	352.3	375.9	275.6 (234.3-316.8)	243.1 (208.2-278.0)	257.3 (230.6-284.0)	0.75 L
% of the population with one or more ED visits per year	20.7	20.1	20.4	22.4	21.0	21.7	15.6 (11.6-19.5)	16.9 (13.2-20.6)	16.3 (13.6-19.0)	0.80 L
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	180	326	506	
Rate of ED visits per 1,000 population per year	634.5	590.7	608.0	663.4	595.2	621.0	473.7 (423.5-523.9)	449.7 (413.4-485.9)	457.9 (428.5-487.3)	0.75 L
% of the population with one or more ED visits per year	34.1	33.4	33.7	34.8	33.1	33.7	30.0 (23.4-36.6)	26.9 (22.5-31.3)	28.0 (24.3-31.6)	0.83 L
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	1,091	1,442	2,533	
Rate of ED visits per 1,000 population per year	301.9	299.8	300.8	325.8	310.5	317.9	216.9 (202.4-231.4)	231.3 (217.7-244.9)	224.9 (214.9-234.8)	0.75 L
Age-Adjusted rate of visits per 1,000 †	293.9	292.3	293.1	319.1	303.5	311.2	213.8 (201.0-226.6)	216.8 (204.9-228.8)	215.3 (206.6-224.1)	0.73 L
% of the population with one or more ED visits per year	18.9	19.0	18.9	19.5	19.2	19.3	14.7 (14.1-16.2)	15.2 (13.6-15.9)	15.0 (14.2-15.8)	0.79 L
Age-Adjusted % of the population with an ED visit †	19.2	19.3	19.2	19.0	19.5	19.3	14.9 (13.8-16.1)	14.7 (13.7-15.8)	14.9 (14.1-15.6)	0.77 L

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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).

† 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	66	42	108	
# of Low Triage visits	10,135	8,471	18,606	4,310	3,726	8,036	28	14*	42	
Ratio of low to high Triage visits	0.38	0.42	0.40	0.41	0.46	0.43	0.78 (0.42-1.13)	0.56* (0.21-0.91)	0.69 (0.44-0.94)	1.73 H
% of all ED visits that are Low Triage	27.4	29.4	28.3	28.5	31.3	29.7	42.4 (21.7-63.1)	33.3* (11.9-54.7)	38.9 (23.8-53.9)	1.38 NS
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	105	70	175	
# of Low Triage visits	22,320	17,595	39,915	8,622	7,106	15,728	54	37	91	
Ratio of low to high Triage visits	0.79	0.69	0.75	0.73	0.66	0.70	1.08 (0.69-1.47)	1.16 (0.63-1.68)	1.11 (0.80-1.42)	1.49 H
% of all ED visits that are Low Triage	44.0	40.7	42.4	41.8	39.5	40.7	51.4 (31.7-71.1)	52.9 (28.1-77.7)	52.0 (36.6-67.4)	1.23 NS
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	371	522	893	
# of Low Triage visits	46,788	45,261	92,049	24,137	23,245	47,382	171	237	408	
Ratio of low to high Triage visits	0.70	0.52	0.60	0.69	0.58	0.63	0.88 (0.70-1.05)	0.84 (0.70-0.98)	0.86 (0.75-0.97)	1.43 H
% of all ED visits that are Low Triage	41.0	34.2	37.4	40.7	36.4	38.5	46.1 (36.7-55.5)	45.4 (37.6-53.2)	45.7 (39.7-51.7)	1.22 H
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	245	341	586	
# of Low Triage visits	27,429	27,774	55,203	13,968	12,762	26,730	82	142	224	
Ratio of low to high Triage visits	0.45	0.46	0.45	0.45	0.47	0.46	0.51 (0.38-0.63)	0.72 (0.57-0.86)	0.62 (0.52-0.72)	1.37 H
% of all ED visits that are Low Triage	31.1	31.1	31.1	31.0	31.8	31.4	33.5 (24.6-42.4)	41.6 (32.7-50.6)	38.2 (31.9-44.6)	1.23 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	124	141	265	
# of Low Triage visits	6,215	7,807	14,022	2,844	3,278	6,122	40	49	89	
Ratio of low to high Triage visits	0.28	0.32	0.30	0.29	0.33	0.31	0.49 (0.31-0.66)	0.56 (0.37-0.74)	0.52 (0.40-0.65)	1.74 H
% of all ED visits that are Low Triage	21.5	24.2	22.9	22.2	24.3	23.3	32.3 (20.1-44.4)	34.8 (22.7-46.8)	33.6 (25.0-42.1)	1.46 H
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	180	326	506	
# of Low Triage visits	6,727	9,938	16,665	2,680	4,038	6,718	45	81	126	
Ratio of low to high Triage visits	0.19	0.19	0.19	0.18	0.19	0.19	0.34 (0.24-0.45)	0.34 (0.26-0.42)	0.34 (0.28-0.40)	1.78 H
% of all ED visits that are Low Triage	15.6	16.1	15.9	15.3	15.7	15.5	25.0 (16.6-33.4)	24.8 (18.6-31.1)	24.9 (19.9-29.9)	1.57 H
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	1,091	1,442	2,533	
# of Low Triage visits	119,614	116,846	236,460	56,561	54,155	110,716	420	560	980	
Ratio of low to high Triage visits	0.50	0.44	0.47	0.50	0.46	0.48	0.64 (0.57-0.71)	0.65 (0.58-0.71)	0.65 (0.60-0.69)	1.39 H
Age-Adjusted ratio of low to high Triage visits [‡]	0.61	0.51	0.55	0.60	0.53	0.56	0.83 (0.70-0.95)	0.88 (0.72-1.04)	0.83 (0.74-0.91)	1.50 H
% of all ED visits that are Low Triage	33.0	30.1	31.5	33.2	31.3	32.2	38.5 (33.8-43.2)	38.8 (34.7-42.9)	38.7 (35.6-41.8)	1.23 H
Age-Adjusted % of all ED visits that are Low Triage [†]	36.3	33.2	34.6	36.2	33.9	34.9	42.3 (37.2-47.4)	43.8 (38.3-49.2)	43.0 (39.5-46.6)	1.24 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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