

N96 – Casa Loma Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			Casa Loma			
	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	185	175	360	
Total Population Age 5-19	215,715	203,795	419,510	81,570	77,890	159,460	645	550	1,195	
Total Population Age 20-44	471,380	497,960	969,340	224,185	231,545	455,730	1,695	1,985	3,680	
Total Population Age 45-64	294,840	322,830	617,670	130,750	138,995	269,745	1,280	1,590	2,870	
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	55	47	102	
Rate of ED visits per 1,000 population per year	537.9	439.7	490.0	523.8	431.5	478.7	297.3 (231.4-363.2)	268.6 (202.9-334.2)	283.3 (236.8-329.9)	0.58 L
% of the population with one or more ED visits per year	34.1	29.2	31.7	33.2	28.6	31.0	22.7 (14.9-30.5)	19.4 (12.2-26.7)	21.1 (15.8-26.5)	0.67 L
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	126	121	247	
Rate of ED visits per 1,000 population per year	235.4	212.4	224.2	253.1	230.9	242.3	195.3 (164.8-225.9)	220.0 (185.4-254.6)	206.7 (183.7-229.7)	0.92 NS
% of the population with one or more ED visits per year	17.3	15.0	16.2	18.3	15.8	17.1	14.6 (11.4-17.8)	14.7 (11.3-18.2)	14.6 (12.3-17.0)	0.91 NS
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	450	523	973	
Rate of ED visits per 1,000 population per year	242.0	265.6	254.1	264.8	275.4	270.2	265.5 (244.5-286.5)	263.5 (244.1-282.9)	264.4 (250.2-278.7)	1.04 NS
% of the population with one or more ED visits per year	15.6	16.9	16.3	16.3	17.3	16.8	13.9 (12.0-15.8)	17.0 (15.0-19.0)	15.6 (14.2-17.0)	0.96 NS
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	276	317	593	
Rate of ED visits per 1,000 population per year	299.4	276.4	287.4	344.6	289.2	316.1	215.6 (193.1-238.2)	199.4 (179.7-219.0)	206.6 (191.8-221.4)	0.72 L
% of the population with one or more ED visits per year	17.8	17.6	17.7	18.9	17.6	18.2	13.6 (11.4-15.8)	12.5 (10.7-14.4)	13.0 (11.6-14.4)	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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Demographics ***										
Total Population Age 65-74	80,785	98,145	178,930	31,755	38,280	70,035	415	415	830	
Total Population Age 75+	68,060	104,610	172,670	26,385	43,330	69,715	360	550	910	
Total Population	1,199,560	1,292,940	2,492,500	523,535	557,640	1,081,175	4,580	5,265	9,845	
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	173	145	318	
Rate of ED visits per 1,000 population per year	357.2	328.5	341.5	404.3	352.3	375.9	416.9 (369.4-464.3)	349.4 (303.5-395.3)	383.1 (350.1-416.2)	1.12 H
% of the population with one or more ED visits per year	20.7	20.1	20.4	22.4	21.0	21.7	24.3 (18.9-29.8)	21.7 (16.6-26.7)	23.0 (19.3-26.7)	1.13 NS
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	232	372	604	
Rate of ED visits per 1,000 population per year	634.5	590.7	608.0	663.4	595.2	621.0	644.4 (595.0-693.9)	676.4 (637.3-715.5)	663.7 (633.0-694.4)	1.09 H
% of the population with one or more ED visits per year	34.1	33.4	33.7	34.8	33.1	33.7	33.6 (26.3-41.0)	36.0 (29.7-42.3)	35.1 (30.3-39.8)	1.04 NS
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	1,312	1,525	2,837	
Rate of ED visits per 1,000 population per year	301.9	299.8	300.8	325.8	310.5	317.9	286.5 (268.1-304.8)	289.6 (272.4-306.9)	288.2 (275.6-300.7)	0.96 L
Age-Adjusted rate of visits per 1,000 †	293.9	292.3	293.1	319.1	303.5	311.2	264.8 (251.6-278.0)	269.4 (257.0-281.8)	267.1 (258.1-276.2)	0.91 L
% of the population with one or more ED visits per year	18.9	19.0	18.9	19.5	19.2	19.3	16.8 (16.6-19.1)	17.8 (15.5-18.1)	17.3 (16.4-18.2)	0.92 L
Age-Adjusted % of the population with an ED visit †	19.2	19.3	19.2	19.0	19.5	19.3	15.9 (14.8-17.0)	17.0 (16.0-18.1)	16.5 (15.7-17.3)	0.86 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	55	47	102	
# of Low Triage visits	10,135	8,471	18,606	4,310	3,726	8,036	19*	9*	28	
Ratio of low to high Triage visits	0.38	0.42	0.40	0.41	0.46	0.43	0.53* (0.25-0.80)	0.25* (0.08-0.42)	0.39 (0.23-0.55)	0.98 NS
% of all ED visits that are Low Triage	27.4	29.4	28.3	28.5	31.3	29.7	34.5* (15.3-53.7)	19.1* (5.2-33.1)	27.5 (15.5-39.4)	0.97 NS
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	126	121	247	
# of Low Triage visits	22,320	17,595	39,915	8,622	7,106	15,728	55	58	113	
Ratio of low to high Triage visits	0.79	0.69	0.75	0.73	0.66	0.70	0.81 (0.54-1.08)	0.92 (0.61-1.23)	0.86 (0.66-1.07)	1.16 NS
% of all ED visits that are Low Triage	44.0	40.7	42.4	41.8	39.5	40.7	43.7 (28.3-59.0)	47.9 (30.8-65.0)	45.7 (34.3-57.2)	1.08 NS
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	450	523	973	
# of Low Triage visits	46,788	45,261	92,049	24,137	23,245	47,382	199	269	468	
Ratio of low to high Triage visits	0.70	0.52	0.60	0.69	0.58	0.63	0.80 (0.66-0.94)	1.08 (0.90-1.25)	0.94 (0.83-1.05)	1.56 H
% of all ED visits that are Low Triage	41.0	34.2	37.4	40.7	36.4	38.5	44.2 (36.0-52.4)	51.4 (42.6-60.3)	48.1 (42.0-54.1)	1.29 H
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	276	317	593	
# of Low Triage visits	27,429	27,774	55,203	13,968	12,762	26,730	103	133	236	
Ratio of low to high Triage visits	0.45	0.46	0.45	0.45	0.47	0.46	0.62 (0.48-0.77)	0.74 (0.58-0.90)	0.68 (0.57-0.79)	1.50 H
% of all ED visits that are Low Triage	31.1	31.1	31.1	31.0	31.8	31.4	37.3 (28.2-46.4)	42.0 (32.6-51.3)	39.8 (33.3-46.3)	1.28 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.

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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	173	145	318	
# of Low Triage visits	6,215	7,807	14,022	2,844	3,278	6,122	57	47	104	
Ratio of low to high Triage visits	0.28	0.32	0.30	0.29	0.33	0.31	0.50 (0.35-0.64)	0.49 (0.33-0.65)	0.49 (0.39-0.60)	1.64 H
% of all ED visits that are Low Triage	21.5	24.2	22.9	22.2	24.3	23.3	32.9 (22.5-43.4)	32.4 (21.1-43.7)	32.7 (25.0-40.4)	1.43 H
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	232	372	604	
# of Low Triage visits	6,727	9,938	16,665	2,680	4,038	6,718	58	83	141	
Ratio of low to high Triage visits	0.19	0.19	0.19	0.18	0.19	0.19	0.34 (0.25-0.43)	0.30 (0.23-0.36)	0.31 (0.26-0.36)	1.63 H
% of all ED visits that are Low Triage	15.6	16.1	15.9	15.3	15.7	15.5	25.0 (17.6-32.4)	22.3 (16.9-27.8)	23.3 (18.9-27.7)	1.47 H
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	1,312	1,525	2,837	
# of Low Triage visits	119,614	116,846	236,460	56,561	54,155	110,716	491	599	1,090	
Ratio of low to high Triage visits	0.50	0.44	0.47	0.50	0.46	0.48	0.61 (0.55-0.67)	0.66 (0.60-0.72)	0.64 (0.59-0.68)	1.37 H
Age-Adjusted ratio of low to high Triage visits [‡]	0.61	0.51	0.55	0.60	0.53	0.56	0.75 (0.64-0.86)	0.86 (0.74-0.98)	0.80 (0.72-0.87)	1.44 H
% of all ED visits that are Low Triage	33.0	30.1	31.5	33.2	31.3	32.2	37.4 (33.2-41.6)	39.3 (35.2-43.3)	38.4 (35.5-41.3)	1.22 H
Age-Adjusted % of all ED visits that are Low Triage [†]	36.3	33.2	34.6	36.2	33.9	34.9	40.3 (35.6-45.0)	43.8 (38.9-48.7)	42.3 (38.9-45.6)	1.22 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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