

## N117 – L'Amoreaux Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			L'Amoreaux			
	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	1,195	1,190	2,385	
Total Population Age 5-19	215,715	203,795	419,510	81,570	77,890	159,460	4,200	4,195	8,395	
Total Population Age 20-44	471,380	497,960	969,340	224,185	231,545	455,730	7,970	8,510	16,480	
Total Population Age 45-64	294,840	322,830	617,670	130,750	138,995	269,745	5,220	6,065	11,285	
<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	524	488	1,012	
Rate of ED visits per 1,000 population per year	537.9	439.7	490.0	523.8	431.5	478.7	438.5 (410.4-466.6)	410.1 (382.1-438.0)	424.3 (404.5-444.2)	0.87 L
% of the population with one or more ED visits per year	34.1	29.2	31.7	33.2	28.6	31.0	30.5 (26.7-34.2)	28.2 (24.6-31.7)	29.3 (26.7-31.9)	0.92 NS
<b>Population Age 5-19</b>										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	775	673	1,448	
Rate of ED visits per 1,000 population per year	235.4	212.4	224.2	253.1	230.9	242.3	184.5 (172.8-196.3)	160.4 (149.3-171.5)	172.5 (164.4-180.6)	0.77 L
% of the population with one or more ED visits per year	17.3	15.0	16.2	18.3	15.8	17.1	13.9 (12.7-15.1)	11.8 (10.7-12.9)	12.9 (12.0-13.7)	0.79 L
<b>Population Age 20-44</b>										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	1,245	1,634	2,879	
Rate of ED visits per 1,000 population per year	242.0	265.6	254.1	264.8	275.4	270.2	156.2 (148.2-164.2)	192.0 (183.6-200.4)	174.7 (168.9-180.5)	0.69 L
% of the population with one or more ED visits per year	15.6	16.9	16.3	16.3	17.3	16.8	11.5 (10.7-12.2)	12.8 (11.9-13.6)	12.1 (11.6-12.7)	0.75 L
<b>Population Age 45-64</b>										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	1,025	1,340	2,365	
Rate of ED visits per 1,000 population per year	299.4	276.4	287.4	344.6	289.2	316.1	196.4 (185.6-207.1)	220.9 (210.5-231.4)	209.6 (202.1-217.1)	0.73 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 (12.9-15.1)	15.3 (14.2-16.4)	14.7 (13.9-15.5)	0.83 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**
<b>Demographics ***</b>										
Total Population Age 65-74	80,785	98,145	178,930	31,755	38,280	70,035	1,680	2,195	3,875	
Total Population Age 75+	68,060	104,610	172,670	26,385	43,330	69,715	1,340	2,045	3,385	
Total Population	1,199,560	1,292,940	2,492,500	523,535	557,640	1,081,175	21,605	24,200	45,805	
<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	432	578	1,010	
Rate of ED visits per 1,000 population per year	357.2	328.5	341.5	404.3	352.3	375.9	257.1 (236.2-278.0)	263.3 (244.9-281.8)	260.6 (246.8-274.5)	0.76 L
% of the population with one or more ED visits per year	20.7	20.1	20.4	22.4	21.0	21.7	16.4 (14.3-18.5)	17.8 (15.8-19.7)	17.2 (15.8-18.6)	0.84 L
<b>Population Age 75+</b>										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	661	1,002	1,663	
Rate of ED visits per 1,000 population per year	634.5	590.7	608.0	663.4	595.2	621.0	493.3 (466.5-520.1)	490.0 (468.3-511.6)	491.3 (474.4-508.1)	0.81 L
% of the population with one or more ED visits per year	34.1	33.4	33.7	34.8	33.1	33.7	29.3 (25.9-32.8)	27.7 (25.0-30.4)	28.4 (26.2-30.5)	0.84 L
<b>Total Population</b>										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	4,662	5,715	10,377	
Rate of ED visits per 1,000 population per year	301.9	299.8	300.8	325.8	310.5	317.9	215.8 (208.8-222.8)	236.2 (229.2-243.2)	226.5 (221.6-231.5)	0.75 L
Age-Adjusted rate of visits per 1,000 †	293.9	292.3	293.1	319.1	303.5	311.2	209.6 (204.1-215.0)	230.6 (225.2-235.9)	220.1 (216.3-223.9)	0.75 L
% of the population with one or more ED visits per year	18.9	19.0	18.9	19.5	19.2	19.3	15.1 (15.2-16.3)	15.7 (14.5-15.7)	15.4 (15.0-15.8)	0.81 L
Age-Adjusted % of the population with an ED visit †	19.2	19.3	19.2	19.0	19.5	19.3	14.9 (14.4-15.3)	15.4 (15.0-15.9)	15.2 (14.8-15.5)	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	524	488	1,012	
# of Low Triage visits	10,135	8,471	18,606	4,310	3,726	8,036	167	149	316	
Ratio of low to high Triage visits	0.38	0.42	0.40	0.41	0.46	0.43	0.47 (0.39-0.55)	0.44 (0.37-0.52)	0.46 (0.40-0.51)	1.15 H
% of all ED visits that are Low Triage	27.4	29.4	28.3	28.5	31.3	29.7	31.9 (26.0-37.7)	30.5 (24.7-36.4)	31.2 (27.1-35.4)	1.11 NS
<b>Population Age 5-19</b>										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	775	673	1,448	
# of Low Triage visits	22,320	17,595	39,915	8,622	7,106	15,728	376	326	702	
Ratio of low to high Triage visits	0.79	0.69	0.75	0.73	0.66	0.70	0.95 (0.82-1.08)	0.95 (0.81-1.09)	0.95 (0.86-1.05)	1.28 H
% of all ED visits that are Low Triage	44.0	40.7	42.4	41.8	39.5	40.7	48.5 (41.7-55.4)	48.4 (41.1-55.8)	48.5 (43.5-53.5)	1.14 H
<b>Population Age 20-44</b>										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	1,245	1,634	2,879	
# of Low Triage visits	46,788	45,261	92,049	24,137	23,245	47,382	546	567	1,113	
Ratio of low to high Triage visits	0.70	0.52	0.60	0.69	0.58	0.63	0.79 (0.70-0.88)	0.54 (0.48-0.59)	0.64 (0.59-0.68)	1.06 NS
% of all ED visits that are Low Triage	41.0	34.2	37.4	40.7	36.4	38.5	43.9 (38.9-48.8)	34.7 (31.2-38.2)	38.7 (35.8-41.6)	1.03 NS
<b>Population Age 45-64</b>										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	1,025	1,340	2,365	
# of Low Triage visits	27,429	27,774	55,203	13,968	12,762	26,730	304	431	735	
Ratio of low to high Triage visits	0.45	0.46	0.45	0.45	0.47	0.46	0.43 (0.37-0.48)	0.48 (0.43-0.53)	0.46 (0.42-0.49)	1.00 NS
% of all ED visits that are Low Triage	31.1	31.1	31.1	31.0	31.8	31.4	29.7 (25.7-33.6)	32.2 (28.5-35.9)	31.1 (28.4-33.8)	1.00 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	432	578	1,010	
# of Low Triage visits	6,215	7,807	14,022	2,844	3,278	6,122	94	148	242	
Ratio of low to high Triage visits	0.28	0.32	0.30	0.29	0.33	0.31	0.28 (0.22-0.34)	0.35 (0.29-0.41)	0.32 (0.27-0.36)	1.05 NS
% of all ED visits that are Low Triage	21.5	24.2	22.9	22.2	24.3	23.3	21.8 (16.8-26.7)	25.6 (20.8-30.4)	24.0 (20.5-27.4)	1.04 NS
<b>Population Age 75+</b>										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	661	1,002	1,663	
# of Low Triage visits	6,727	9,938	16,665	2,680	4,038	6,718	107	191	298	
Ratio of low to high Triage visits	0.19	0.19	0.19	0.18	0.19	0.19	0.20 (0.16-0.23)	0.24 (0.21-0.28)	0.22 (0.20-0.25)	1.16 H
% of all ED visits that are Low Triage	15.6	16.1	15.9	15.3	15.7	15.5	16.2 (12.8-19.5)	19.1 (16.1-22.1)	17.9 (15.7-20.2)	1.13 NS
<b>Total Population</b>										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	4,662	5,715	10,377	
# of Low Triage visits	119,614	116,846	236,460	56,561	54,155	110,716	1,594	1,812	3,406	
Ratio of low to high Triage visits	0.50	0.44	0.47	0.50	0.46	0.48	0.52 (0.49-0.55)	0.47 (0.45-0.49)	0.49 (0.47-0.51)	1.06 H
Age-Adjusted ratio of low to high Triage visits ‡	0.61	0.51	0.55	0.60	0.53	0.56	0.67 (0.63-0.72)	0.59 (0.55-0.63)	0.62 (0.59-0.64)	1.12 H
% of all ED visits that are Low Triage	33.0	30.1	31.5	33.2	31.3	32.2	34.2 (32.1-36.3)	31.7 (29.9-33.5)	32.8 (31.5-34.2)	1.04 NS
Age-Adjusted % of all ED visits that are Low Triage †	36.3	33.2	34.6	36.2	33.9	34.9	38.6 (36.3-40.9)	35.3 (33.3-37.3)	36.6 (35.2-38.1)	1.06 H

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