

## N32 – Englemount-Lawrence Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			Englemount-Lawrence			
	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	745	770	1,515	
Total Population Age 5-19	215,715	203,795	419,510	81,570	77,890	159,460	2,315	2,065	4,380	
Total Population Age 20-44	471,380	497,960	969,340	224,185	231,545	455,730	3,080	3,765	6,845	
Total Population Age 45-64	294,840	322,830	617,670	130,750	138,995	269,745	1,880	2,395	4,275	
<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	337	249	586	
Rate of ED visits per 1,000 population per year	537.9	439.7	490.0	523.8	431.5	478.7	452.3 (416.6-488.1)	323.4 (290.3-356.4)	386.8 (362.3-411.3)	0.79 L
% of the population with one or more ED visits per year	34.1	29.2	31.7	33.2	28.6	31.0	26.8 (22.5-31.2)	22.6 (18.8-26.4)	24.7 (21.8-27.6)	0.78 L
<b>Population Age 5-19</b>										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	476	391	867	
Rate of ED visits per 1,000 population per year	235.4	212.4	224.2	253.1	230.9	242.3	205.6 (189.2-222.1)	189.3 (172.4-206.2)	197.9 (186.1-209.7)	0.88 L
% of the population with one or more ED visits per year	17.3	15.0	16.2	18.3	15.8	17.1	15.5 (13.7-17.2)	13.5 (11.8-15.2)	14.5 (13.3-15.7)	0.90 L
<b>Population Age 20-44</b>										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	669	939	1,608	
Rate of ED visits per 1,000 population per year	242.0	265.6	254.1	264.8	275.4	270.2	217.2 (202.6-231.8)	249.4 (235.6-263.2)	234.9 (224.9-245.0)	0.92 L
% of the population with one or more ED visits per year	15.6	16.9	16.3	16.3	17.3	16.8	14.3 (12.8-15.7)	15.9 (14.5-17.3)	15.2 (14.2-16.2)	0.93 L
<b>Population Age 45-64</b>										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	555	706	1,261	
Rate of ED visits per 1,000 population per year	299.4	276.4	287.4	344.6	289.2	316.1	295.2 (274.6-315.8)	294.8 (276.5-313.0)	295.0 (281.3-308.6)	1.03 NS
% of the population with one or more ED visits per year	17.8	17.6	17.7	18.9	17.6	18.2	18.0 (15.9-20.2)	18.0 (16.1-19.8)	18.0 (16.6-19.4)	1.02 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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<b>Demographics ***</b>										
Total Population Age 65-74	80,785	98,145	178,930	31,755	38,280	70,035	510	850	1,360	
Total Population Age 75+	68,060	104,610	172,670	26,385	43,330	69,715	890	1,900	2,790	
Total Population	1,199,560	1,292,940	2,492,500	523,535	557,640	1,081,175	9,420	11,745	21,165	
<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	220	322	542	
Rate of ED visits per 1,000 population per year	357.2	328.5	341.5	404.3	352.3	375.9	431.4 (388.4-474.4)	378.8 (346.2-411.4)	398.5 (372.5-424.6)	1.17 H
% of the population with one or more ED visits per year	20.7	20.1	20.4	22.4	21.0	21.7	23.3 (18.5-28.1)	19.4 (16.1-22.7)	20.9 (18.2-23.6)	1.02 NS
<b>Population Age 75+</b>										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	614	1,135	1,749	
Rate of ED visits per 1,000 population per year	634.5	590.7	608.0	663.4	595.2	621.0	689.9 (659.5-720.3)	597.4 (575.3-619.4)	626.9 (608.9-644.8)	1.03 H
% of the population with one or more ED visits per year	34.1	33.4	33.7	34.8	33.1	33.7	36.6 (31.6-41.6)	31.7 (28.6-34.7)	33.3 (30.6-35.9)	0.99 NS
<b>Total Population</b>										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	2,871	3,742	6,613	
Rate of ED visits per 1,000 population per year	301.9	299.8	300.8	325.8	310.5	317.9	304.8 (291.4-318.1)	318.6 (306.2-331.0)	312.4 (303.4-321.5)	1.04 H
Age-Adjusted rate of visits per 1,000 †	293.9	292.3	293.1	319.1	303.5	311.2	273.2 (264.1-282.3)	280.0 (271.6-288.3)	276.6 (270.4-282.8)	0.94 L
% of the population with one or more ED visits per year	18.9	19.0	18.9	19.5	19.2	19.3	18.9 (18.3-20.0)	19.1 (17.9-19.9)	19.0 (18.4-19.7)	1.01 NS
Age-Adjusted % of the population with an ED visit †	19.2	19.3	19.2	19.0	19.5	19.3	17.3 (16.5-18.1)	17.5 (16.7-18.2)	17.4 (16.9-17.9)	0.91 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.

**\*\*\*** 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).

**†** 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**
<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	337	249	586	
# of Low Triage visits	10,135	8,471	18,606	4,310	3,726	8,036	81	86	167	
Ratio of low to high Triage visits	0.38	0.42	0.40	0.41	0.46	0.43	0.32 (0.25-0.39)	0.54 (0.41-0.67)	0.41 (0.34-0.47)	1.02 NS
% of all ED visits that are Low Triage	27.4	29.4	28.3	28.5	31.3	29.7	24.0 (18.0-30.0)	34.5 (25.5-43.6)	28.5 (23.4-33.6)	1.01 NS
<b>Population Age 5-19</b>										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	476	391	867	
# of Low Triage visits	22,320	17,595	39,915	8,622	7,106	15,728	206	156	362	
Ratio of low to high Triage visits	0.79	0.69	0.75	0.73	0.66	0.70	0.78 (0.64-0.91)	0.67 (0.54-0.80)	0.73 (0.63-0.82)	0.97 NS
% of all ED visits that are Low Triage	44.0	40.7	42.4	41.8	39.5	40.7	43.3 (35.4-51.1)	39.9 (31.8-48.0)	41.8 (36.1-47.4)	0.98 NS
<b>Population Age 20-44</b>										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	669	939	1,608	
# of Low Triage visits	46,788	45,261	92,049	24,137	23,245	47,382	257	276	533	
Ratio of low to high Triage visits	0.70	0.52	0.60	0.69	0.58	0.63	0.63 (0.53-0.72)	0.42 (0.36-0.48)	0.50 (0.45-0.55)	0.83 L
% of all ED visits that are Low Triage	41.0	34.2	37.4	40.7	36.4	38.5	38.4 (32.4-44.4)	29.4 (25.3-33.5)	33.1 (29.7-36.6)	0.89 L
<b>Population Age 45-64</b>										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	555	706	1,261	
# of Low Triage visits	27,429	27,774	55,203	13,968	12,762	26,730	150	199	349	
Ratio of low to high Triage visits	0.45	0.46	0.45	0.45	0.47	0.46	0.38 (0.31-0.44)	0.40 (0.34-0.46)	0.39 (0.34-0.43)	0.85 L
% of all ED visits that are Low Triage	31.1	31.1	31.1	31.0	31.8	31.4	27.0 (22.0-32.1)	28.2 (23.6-32.8)	27.7 (24.3-31.1)	0.89 L

**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.

**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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<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	220	322	542	
# of Low Triage visits	6,215	7,807	14,022	2,844	3,278	6,122	35	89	124	
Ratio of low to high Triage visits	0.28	0.32	0.30	0.29	0.33	0.31	0.19 (0.13-0.26)	0.39 (0.30-0.47)	0.30 (0.24-0.36)	1.00 NS
% of all ED visits that are Low Triage	21.5	24.2	22.9	22.2	24.3	23.3	15.9 (10.2-21.7)	27.6 (20.9-34.4)	22.9 (18.3-27.5)	1.00 NS
<b>Population Age 75+</b>										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	614	1,135	1,749	
# of Low Triage visits	6,727	9,938	16,665	2,680	4,038	6,718	68	156	224	
Ratio of low to high Triage visits	0.19	0.19	0.19	0.18	0.19	0.19	0.13 (0.10-0.15)	0.16 (0.14-0.19)	0.15 (0.13-0.17)	0.78 L
% of all ED visits that are Low Triage	15.6	16.1	15.9	15.3	15.7	15.5	11.1 (8.3-13.9)	13.7 (11.4-16.1)	12.8 (11.0-14.6)	0.81 L
<b>Total Population</b>										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	2,871	3,742	6,613	
# of Low Triage visits	119,614	116,846	236,460	56,561	54,155	110,716	797	962	1,759	
Ratio of low to high Triage visits	0.50	0.44	0.47	0.50	0.46	0.48	0.39 (0.36-0.42)	0.35 (0.33-0.37)	0.37 (0.35-0.39)	0.79 L
Age-Adjusted ratio of low to high Triage visits <sup>‡</sup>	0.61	0.51	0.55	0.60	0.53	0.56	0.56 (0.50-0.61)	0.46 (0.42-0.50)	0.49 (0.46-0.52)	0.89 L
% of all ED visits that are Low Triage	33.0	30.1	31.5	33.2	31.3	32.2	27.8 (25.5-30.0)	25.7 (23.8-27.6)	26.6 (25.1-28.1)	0.84 L
Age-Adjusted % of all ED visits that are Low Triage <sup>†</sup>	36.3	33.2	34.6	36.2	33.9	34.9	33.9 (31.1-36.8)	30.7 (28.3-33.0)	32.0 (30.2-33.8)	0.93 L

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