

N109 – Caledonia-Fairbank Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			Caledonia-Fairbank			
	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	310	280	590	
Total Population Age 5-19	215,715	203,795	419,510	81,570	77,890	159,460	1,030	900	1,930	
Total Population Age 20-44	471,380	497,960	969,340	224,185	231,545	455,730	1,955	2,100	4,055	
Total Population Age 45-64	294,840	322,830	617,670	130,750	138,995	269,745	1,215	1,255	2,470	
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	203	171	374	
Rate of ED visits per 1,000 population per year	537.9	439.7	490.0	523.8	431.5	478.7	654.8 (601.9-707.8)	610.7 (553.6-667.8)	633.9 (595.0-672.8)	1.29 H
% of the population with one or more ED visits per year	34.1	29.2	31.7	33.2	28.6	31.0	40.3 (31.2-49.5)	36.8 (27.9-45.7)	38.6 (32.2-45.0)	1.22 H
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	257	269	526	
Rate of ED visits per 1,000 population per year	235.4	212.4	224.2	253.1	230.9	242.3	249.5 (223.1-275.9)	298.9 (269.0-328.8)	272.5 (252.7-292.4)	1.22 H
% of the population with one or more ED visits per year	17.3	15.0	16.2	18.3	15.8	17.1	18.2 (15.3-21.0)	17.7 (14.6-20.7)	17.9 (15.8-20.0)	1.11 NS
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	541	657	1,198	
Rate of ED visits per 1,000 population per year	242.0	265.6	254.1	264.8	275.4	270.2	276.7 (256.9-296.6)	312.9 (293.0-332.7)	295.4 (281.4-309.5)	1.16 H
% of the population with one or more ED visits per year	15.6	16.9	16.3	16.3	17.3	16.8	19.2 (17.1-21.4)	18.3 (16.3-20.4)	18.8 (17.3-20.2)	1.15 H
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	313	367	680	
Rate of ED visits per 1,000 population per year	299.4	276.4	287.4	344.6	289.2	316.1	257.6 (233.0-282.2)	292.4 (267.3-317.6)	275.3 (257.7-292.9)	0.96 NS
% of the population with one or more ED visits per year	17.8	17.6	17.7	18.9	17.6	18.2	16.5 (14.0-19.0)	18.4 (15.8-21.0)	17.4 (15.6-19.3)	0.99 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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Demographics ***										
Total Population Age 65-74	80,785	98,145	178,930	31,755	38,280	70,035	285	345	630	
Total Population Age 75+	68,060	104,610	172,670	26,385	43,330	69,715	235	325	560	
Total Population	1,199,560	1,292,940	2,492,500	523,535	557,640	1,081,175	5,030	5,205	10,235	
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	110	107	217	
Rate of ED visits per 1,000 population per year	357.2	328.5	341.5	404.3	352.3	375.9	386.0 (329.4-442.5)	310.1 (261.3-359.0)	344.4 (307.3-381.6)	1.01 NS
% of the population with one or more ED visits per year	20.7	20.1	20.4	22.4	21.0	21.7	22.8 (16.5-29.1)	19.1 (14.0-24.3)	20.8 (16.8-24.8)	1.02 NS
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	132	176	308	
Rate of ED visits per 1,000 population per year	634.5	590.7	608.0	663.4	595.2	621.0	561.7 (498.3-625.1)	541.5 (487.4-595.7)	550.0 (508.8-591.2)	0.90 L
% of the population with one or more ED visits per year	34.1	33.4	33.7	34.8	33.1	33.7	28.1 (20.1-36.1)	32.3 (24.8-39.8)	30.5 (25.0-36.0)	0.91 NS
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	1,556	1,747	3,303	
Rate of ED visits per 1,000 population per year	301.9	299.8	300.8	325.8	310.5	317.9	309.3 (290.8-327.8)	335.6 (316.3-354.9)	322.7 (309.3-336.1)	1.07 H
Age-Adjusted rate of visits per 1,000 †	293.9	292.3	293.1	319.1	303.5	311.2	314.8 (302.3-327.4)	342.1 (329.4-354.7)	328.6 (319.7-337.5)	1.12 H
% of the population with one or more ED visits per year	18.9	19.0	18.9	19.5	19.2	19.3	20.3 (18.8-21.5)	20.2 (18.9-21.7)	20.2 (19.2-21.2)	1.07 H
Age-Adjusted % of the population with an ED visit †	19.2	19.3	19.2	19.0	19.5	19.3	20.7 (19.6-21.8)	20.6 (19.5-21.7)	20.6 (19.9-21.4)	1.07 H

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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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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	203	171	374	
# of Low Triage visits	10,135	8,471	18,606	4,310	3,726	8,036	56	58	114	
Ratio of low to high Triage visits	0.38	0.42	0.40	0.41	0.46	0.43	0.39 (0.28-0.49)	0.52 (0.38-0.66)	0.45 (0.36-0.53)	1.12 NS
% of all ED visits that are Low Triage	27.4	29.4	28.3	28.5	31.3	29.7	27.6 (19.1-36.1)	33.9 (23.2-44.7)	30.5 (23.8-37.2)	1.08 NS
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	257	269	526	
# of Low Triage visits	22,320	17,595	39,915	8,622	7,106	15,728	107	97	204	
Ratio of low to high Triage visits	0.79	0.69	0.75	0.73	0.66	0.70	0.72 (0.55-0.89)	0.57 (0.44-0.70)	0.64 (0.53-0.74)	0.86 L
% of all ED visits that are Low Triage	44.0	40.7	42.4	41.8	39.5	40.7	41.6 (31.3-52.0)	36.1 (27.1-45.0)	38.8 (32.0-45.6)	0.91 NS
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	541	657	1,198	
# of Low Triage visits	46,788	45,261	92,049	24,137	23,245	47,382	200	178	378	
Ratio of low to high Triage visits	0.70	0.52	0.60	0.69	0.58	0.63	0.60 (0.50-0.69)	0.37 (0.31-0.43)	0.46 (0.41-0.52)	0.77 L
% of all ED visits that are Low Triage	41.0	34.2	37.4	40.7	36.4	38.5	37.0 (30.5-43.4)	27.1 (22.4-31.8)	31.6 (27.7-35.4)	0.84 L
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	313	367	680	
# of Low Triage visits	27,429	27,774	55,203	13,968	12,762	26,730	89	97	186	
Ratio of low to high Triage visits	0.45	0.46	0.45	0.45	0.47	0.46	0.40 (0.31-0.49)	0.36 (0.28-0.44)	0.38 (0.32-0.44)	0.84 L
% of all ED visits that are Low Triage	31.1	31.1	31.1	31.0	31.8	31.4	28.4 (21.5-35.4)	26.4 (20.3-32.6)	27.4 (22.7-32.0)	0.88 NS

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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	110	107	217	
# of Low Triage visits	6,215	7,807	14,022	2,844	3,278	6,122	19*	17*	36	
Ratio of low to high Triage visits	0.28	0.32	0.30	0.29	0.33	0.31	0.21* (0.11-0.31)	0.19* (0.10-0.29)	0.20 (0.13-0.27)	0.67 L
% of all ED visits that are Low Triage	21.5	24.2	22.9	22.2	24.3	23.3	17.3* (8.7-25.8)	15.9* (7.7-24.1)	16.6 (10.7-22.5)	0.72 L
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	132	176	308	
# of Low Triage visits	6,727	9,938	16,665	2,680	4,038	6,718	17*	21	38	
Ratio of low to high Triage visits	0.19	0.19	0.19	0.18	0.19	0.19	0.15* (0.08-0.22)	0.14 (0.08-0.19)	0.14 (0.10-0.19)	0.74 L
% of all ED visits that are Low Triage	15.6	16.1	15.9	15.3	15.7	15.5	12.9* (6.3-19.4)	11.9 (6.5-17.4)	12.3 (8.1-16.5)	0.78 NS
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	1,556	1,747	3,303	
# of Low Triage visits	119,614	116,846	236,460	56,561	54,155	110,716	488	468	956	
Ratio of low to high Triage visits	0.50	0.44	0.47	0.50	0.46	0.48	0.46 (0.42-0.51)	0.37 (0.33-0.40)	0.41 (0.38-0.44)	0.88 L
Age-Adjusted ratio of low to high Triage visits [‡]	0.61	0.51	0.55	0.60	0.53	0.56	0.55 (0.49-0.61)	0.39 (0.35-0.43)	0.45 (0.42-0.49)	0.82 L
% of all ED visits that are Low Triage	33.0	30.1	31.5	33.2	31.3	32.2	31.4 (28.0-34.7)	26.8 (24.0-29.6)	28.9 (26.8-31.1)	0.92 L
Age-Adjusted % of all ED visits that are Low Triage [†]	36.3	33.2	34.6	36.2	33.9	34.9	33.9 (30.5-37.3)	27.2 (24.4-29.9)	30.2 (28.1-32.3)	0.87 L

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

[‡] Ratios of low to high Triage visits are age-adjusted using the 1991 Canada population as the standard population.

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