

N120 – Clairlea-Birchmount Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			Clairlea-Birchmount			
	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	580	545	1,125	
Total Population Age 5-19	215,715	203,795	419,510	81,570	77,890	159,460	1,820	1,675	3,495	
Total Population Age 20-44	471,380	497,960	969,340	224,185	231,545	455,730	3,610	3,745	7,355	
Total Population Age 45-64	294,840	322,830	617,670	130,750	138,995	269,745	2,435	2,550	4,985	
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	397	279	676	
Rate of ED visits per 1,000 population per year	537.9	439.7	490.0	523.8	431.5	478.7	684.5 (646.7-722.3)	511.9 (470.0-553.9)	600.9 (572.3-629.5)	1.23 H
% of the population with one or more ED visits per year	34.1	29.2	31.7	33.2	28.6	31.0	43.3 (36.2-50.4)	35.2 (29.0-41.4)	39.4 (34.7-44.1)	1.24 H
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	554	392	946	
Rate of ED visits per 1,000 population per year	235.4	212.4	224.2	253.1	230.9	242.3	304.4 (283.3-325.5)	234.0 (213.8-254.3)	270.7 (255.9-285.4)	1.21 H
% of the population with one or more ED visits per year	17.3	15.0	16.2	18.3	15.8	17.1	23.6 (21.1-26.2)	17.3 (15.1-19.5)	20.6 (18.9-22.3)	1.27 H
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	1,088	1,155	2,243	
Rate of ED visits per 1,000 population per year	242.0	265.6	254.1	264.8	275.4	270.2	301.4 (286.4-316.4)	308.4 (293.6-323.2)	305.0 (294.4-315.5)	1.20 H
% of the population with one or more ED visits per year	15.6	16.9	16.3	16.3	17.3	16.8	19.4 (17.8-21.0)	20.6 (19.0-22.2)	20.0 (18.8-21.1)	1.23 H
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	861	882	1,743	
Rate of ED visits per 1,000 population per year	299.4	276.4	287.4	344.6	289.2	316.1	353.6 (334.6-372.6)	345.9 (327.4-364.3)	349.6 (336.4-362.9)	1.22 H
% of the population with one or more ED visits per year	17.8	17.6	17.7	18.9	17.6	18.2	22.1 (19.9-24.2)	22.0 (19.9-24.1)	22.0 (20.6-23.5)	1.25 H

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	610	730	1,340	
Total Population Age 75+	68,060	104,610	172,670	26,385	43,330	69,715	595	935	1,530	
Total Population	1,199,560	1,292,940	2,492,500	523,535	557,640	1,081,175	9,650	10,180	19,830	
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	253	256	509	
Rate of ED visits per 1,000 population per year	357.2	328.5	341.5	404.3	352.3	375.9	414.8 (375.7-453.9)	350.7 (316.1-385.3)	379.9 (353.9-405.8)	1.11 H
% of the population with one or more ED visits per year	20.7	20.1	20.4	22.4	21.0	21.7	24.4 (19.9-28.9)	20.1 (16.5-23.8)	22.1 (19.2-24.9)	1.08 NS
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	402	642	1,044	
Rate of ED visits per 1,000 population per year	634.5	590.7	608.0	663.4	595.2	621.0	675.6 (638.0-713.2)	686.6 (656.9-716.4)	682.4 (659.0-705.7)	1.12 H
% of the population with one or more ED visits per year	34.1	33.4	33.7	34.8	33.1	33.7	38.0 (31.7-44.3)	43.7 (38.1-49.4)	41.5 (37.3-45.7)	1.23 H
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	3,555	3,606	7,161	
Rate of ED visits per 1,000 population per year	301.9	299.8	300.8	325.8	310.5	317.9	368.4 (353.2-383.6)	354.2 (339.8-368.6)	361.1 (350.7-371.6)	1.20 H
Age-Adjusted rate of visits per 1,000 †	293.9	292.3	293.1	319.1	303.5	311.2	360.2 (350.7-369.8)	342.8 (333.6-352.0)	351.4 (344.8-358.1)	1.20 H
% of the population with one or more ED visits per year	18.9	19.0	18.9	19.5	19.2	19.3	23.8 (22.2-24.4)	23.3 (22.6-24.9)	23.5 (22.7-24.3)	1.24 H
Age-Adjusted % of the population with an ED visit †	19.2	19.3	19.2	19.0	19.5	19.3	23.7 (22.8-24.6)	22.7 (21.8-23.5)	23.2 (22.6-23.8)	1.21 H

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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	397	279	676	
# of Low Triage visits	10,135	8,471	18,606	4,310	3,726	8,036	118	88	206	
Ratio of low to high Triage visits	0.38	0.42	0.40	0.41	0.46	0.43	0.43 (0.35-0.51)	0.47 (0.37-0.58)	0.45 (0.38-0.51)	1.12 NS
% of all ED visits that are Low Triage	27.4	29.4	28.3	28.5	31.3	29.7	29.7 (23.3-36.1)	31.5 (23.6-39.5)	30.5 (25.5-35.5)	1.08 NS
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	554	392	946	
# of Low Triage visits	22,320	17,595	39,915	8,622	7,106	15,728	260	167	427	
Ratio of low to high Triage visits	0.79	0.69	0.75	0.73	0.66	0.70	0.89 (0.75-1.03)	0.75 (0.61-0.89)	0.83 (0.73-0.93)	1.11 NS
% of all ED visits that are Low Triage	44.0	40.7	42.4	41.8	39.5	40.7	46.9 (39.1-54.8)	42.6 (34.1-51.1)	45.1 (39.4-50.9)	1.06 NS
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	1,088	1,155	2,243	
# of Low Triage visits	46,788	45,261	92,049	24,137	23,245	47,382	497	376	873	
Ratio of low to high Triage visits	0.70	0.52	0.60	0.69	0.58	0.63	0.86 (0.76-0.96)	0.48 (0.43-0.54)	0.64 (0.59-0.69)	1.07 NS
% of all ED visits that are Low Triage	41.0	34.2	37.4	40.7	36.4	38.5	45.7 (40.2-51.1)	32.6 (28.5-36.6)	38.9 (35.6-42.2)	1.04 NS
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	861	882	1,743	
# of Low Triage visits	27,429	27,774	55,203	13,968	12,762	26,730	258	299	557	
Ratio of low to high Triage visits	0.45	0.46	0.45	0.45	0.47	0.46	0.43 (0.37-0.49)	0.52 (0.45-0.58)	0.47 (0.43-0.52)	1.04 NS
% of all ED visits that are Low Triage	31.1	31.1	31.1	31.0	31.8	31.4	30.0 (25.6-34.3)	33.9 (29.2-38.6)	32.0 (28.7-35.2)	1.03 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	253	256	509	
# of Low Triage visits	6,215	7,807	14,022	2,844	3,278	6,122	43	52	95	
Ratio of low to high Triage visits	0.28	0.32	0.30	0.29	0.33	0.31	0.21 (0.14-0.27)	0.26 (0.19-0.34)	0.23 (0.18-0.28)	0.77 L
% of all ED visits that are Low Triage	21.5	24.2	22.9	22.2	24.3	23.3	17.0 (11.4-22.6)	20.3 (14.1-26.5)	18.7 (14.5-22.8)	0.81 L
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	402	642	1,044	
# of Low Triage visits	6,727	9,938	16,665	2,680	4,038	6,718	58	100	158	
Ratio of low to high Triage visits	0.19	0.19	0.19	0.18	0.19	0.19	0.17 (0.13-0.22)	0.19 (0.15-0.23)	0.18 (0.15-0.21)	0.95 NS
% of all ED visits that are Low Triage	15.6	16.1	15.9	15.3	15.7	15.5	14.4 (10.4-18.4)	15.6 (12.3-18.9)	15.1 (12.6-17.7)	0.95 NS
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	3,555	3,606	7,161	
# of Low Triage visits	119,614	116,846	236,460	56,561	54,155	110,716	1,234	1,082	2,316	
Ratio of low to high Triage visits	0.50	0.44	0.47	0.50	0.46	0.48	0.54 (0.51-0.57)	0.43 (0.40-0.46)	0.48 (0.46-0.51)	1.04 NS
Age-Adjusted ratio of low to high Triage visits ‡	0.61	0.51	0.55	0.60	0.53	0.56	0.71 (0.66-0.77)	0.52 (0.48-0.56)	0.59 (0.56-0.62)	1.07 H
% of all ED visits that are Low Triage	33.0	30.1	31.5	33.2	31.3	32.2	34.7 (32.3-37.1)	30.0 (27.9-32.1)	32.3 (30.7-33.9)	1.03 NS
Age-Adjusted % of all ED visits that are Low Triage †	36.3	33.2	34.6	36.2	33.9	34.9	39.2 (36.7-41.7)	33.0 (30.7-35.3)	35.8 (34.1-37.4)	1.03 NS

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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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