

N112 – Beechborough-Greenbrook Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			Beechborough-Greenbrook			
	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	210	230	440	
Total Population Age 5-19	215,715	203,795	419,510	81,570	77,890	159,460	660	605	1,265	
Total Population Age 20-44	471,380	497,960	969,340	224,185	231,545	455,730	1,035	1,345	2,380	
Total Population Age 45-64	294,840	322,830	617,670	130,750	138,995	269,745	660	840	1,500	
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	145	141	286	
Rate of ED visits per 1,000 population per year	537.9	439.7	490.0	523.8	431.5	478.7	690.5 (627.9-753.0)	613.0 (550.1-676.0)	650.0 (605.4-694.6)	1.33 H
% of the population with one or more ED visits per year	34.1	29.2	31.7	33.2	28.6	31.0	39.5 (28.6-50.5)	33.9 (24.7-43.2)	36.6 (29.5-43.7)	1.15 NS
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	209	145	354	
Rate of ED visits per 1,000 population per year	235.4	212.4	224.2	253.1	230.9	242.3	316.7 (281.2-352.2)	239.7 (205.7-273.7)	279.8 (255.1-304.6)	1.25 H
% of the population with one or more ED visits per year	17.3	15.0	16.2	18.3	15.8	17.1	23.8 (19.5-28.1)	17.2 (13.6-20.8)	20.6 (17.8-23.4)	1.28 H
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	385	510	895	
Rate of ED visits per 1,000 population per year	242.0	265.6	254.1	264.8	275.4	270.2	372.0 (342.5-401.4)	379.2 (353.3-405.1)	376.1 (356.6-395.5)	1.48 H
% of the population with one or more ED visits per year	15.6	16.9	16.3	16.3	17.3	16.8	21.2 (18.0-24.3)	24.2 (21.2-27.3)	22.9 (20.7-25.1)	1.41 H
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	252	302	554	
Rate of ED visits per 1,000 population per year	299.4	276.4	287.4	344.6	289.2	316.1	381.8 (344.8-418.9)	359.5 (327.1-392.0)	369.3 (344.9-393.8)	1.29 H
% of the population with one or more ED visits per year	17.8	17.6	17.7	18.9	17.6	18.2	25.5 (21.0-29.9)	21.9 (18.3-25.5)	23.5 (20.7-26.3)	1.33 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	200	255	455	
Total Population Age 75+	68,060	104,610	172,670	26,385	43,330	69,715	190	325	515	
Total Population	1,199,560	1,292,940	2,492,500	523,535	557,640	1,081,175	2,955	3,600	6,555	
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	95	97	192	
Rate of ED visits per 1,000 population per year	357.2	328.5	341.5	404.3	352.3	375.9	475.0 (405.8-544.2)	380.4 (320.8-440.0)	422.0 (376.6-467.4)	1.24 H
% of the population with one or more ED visits per year	20.7	20.1	20.4	22.4	21.0	21.7	25.5 (17.4-33.6)	22.0 (15.4-28.5)	23.5 (18.4-28.6)	1.15 NS
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	175	220	395	
Rate of ED visits per 1,000 population per year	634.5	590.7	608.0	663.4	595.2	621.0	921.1 (882.7-959.4)	676.9 (626.1-727.8)	767.0 (730.5-803.5)	1.26 H
% of the population with one or more ED visits per year	34.1	33.4	33.7	34.8	33.1	33.7	40.0 (28.4-51.6)	37.8 (29.4-46.3)	38.6 (31.8-45.5)	1.15 NS
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	1,261	1,415	2,676	
Rate of ED visits per 1,000 population per year	301.9	299.8	300.8	325.8	310.5	317.9	426.7 (395.6-457.8)	393.1 (366.8-419.3)	408.2 (388.1-428.3)	1.36 H
Age-Adjusted rate of visits per 1,000 †	293.9	292.3	293.1	319.1	303.5	311.2	408.2 (390.7-425.8)	381.3 (365.7-396.9)	394.7 (382.9-406.4)	1.35 H
% of the population with one or more ED visits per year	18.9	19.0	18.9	19.5	19.2	19.3	25.5 (22.3-26.0)	24.2 (23.4-27.6)	24.8 (23.4-26.2)	1.31 H
Age-Adjusted % of the population with an ED visit †	19.2	19.3	19.2	19.0	19.5	19.3	24.6 (23.1-26.2)	23.8 (22.4-25.2)	24.3 (23.2-25.3)	1.26 H

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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	145	141	286	
# of Low Triage visits	10,135	8,471	18,606	4,310	3,726	8,036	39	35	74	
Ratio of low to high Triage visits	0.38	0.42	0.40	0.41	0.46	0.43	0.37 (0.25-0.49)	0.33 (0.22-0.45)	0.35 (0.27-0.43)	0.88 NS
% of all ED visits that are Low Triage	27.4	29.4	28.3	28.5	31.3	29.7	26.9 (17.0-36.8)	24.8 (15.3-34.3)	25.9 (19.0-32.7)	0.92 NS
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	209	145	354	
# of Low Triage visits	22,320	17,595	39,915	8,622	7,106	15,728	76	46	122	
Ratio of low to high Triage visits	0.79	0.69	0.75	0.73	0.66	0.70	0.58 (0.43-0.73)	0.47 (0.31-0.63)	0.53 (0.42-0.64)	0.71 L
% of all ED visits that are Low Triage	44.0	40.7	42.4	41.8	39.5	40.7	36.4 (26.1-46.6)	31.7 (20.6-42.8)	34.5 (26.9-42.0)	0.81 L
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	385	510	895	
# of Low Triage visits	46,788	45,261	92,049	24,137	23,245	47,382	125	139	264	
Ratio of low to high Triage visits	0.70	0.52	0.60	0.69	0.58	0.63	0.48 (0.39-0.57)	0.38 (0.31-0.44)	0.42 (0.36-0.47)	0.70 L
% of all ED visits that are Low Triage	41.0	34.2	37.4	40.7	36.4	38.5	32.5 (25.5-39.4)	27.3 (21.9-32.6)	29.5 (25.3-33.7)	0.79 L
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	252	302	554	
# of Low Triage visits	27,429	27,774	55,203	13,968	12,762	26,730	61	77	138	
Ratio of low to high Triage visits	0.45	0.46	0.45	0.45	0.47	0.46	0.32 (0.24-0.41)	0.34 (0.26-0.42)	0.33 (0.27-0.39)	0.73 L
% of all ED visits that are Low Triage	31.1	31.1	31.1	31.0	31.8	31.4	24.2 (17.2-31.2)	25.5 (18.9-32.1)	24.9 (20.1-29.7)	0.80 L

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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	95	97	192	
# of Low Triage visits	6,215	7,807	14,022	2,844	3,278	6,122	9*	20	29	
Ratio of low to high Triage visits	0.28	0.32	0.30	0.29	0.33	0.31	0.11* (0.04-0.18)	0.26 (0.14-0.38)	0.18 (0.11-0.25)	0.60 L
% of all ED visits that are Low Triage	21.5	24.2	22.9	22.2	24.3	23.3	9.5* (3.0-16.0)	20.6 (10.5-30.8)	15.1 (9.1-21.1)	0.66 L
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	175	220	395	
# of Low Triage visits	6,727	9,938	16,665	2,680	4,038	6,718	16*	27	43	
Ratio of low to high Triage visits	0.19	0.19	0.19	0.18	0.19	0.19	0.10* (0.05-0.15)	0.14 (0.09-0.20)	0.12 (0.09-0.16)	0.65 L
% of all ED visits that are Low Triage	15.6	16.1	15.9	15.3	15.7	15.5	9.1* (4.4-13.8)	12.3 (7.3-17.2)	10.9 (7.4-14.3)	0.69 L
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	1,261	1,415	2,676	
# of Low Triage visits	119,614	116,846	236,460	56,561	54,155	110,716	326	344	670	
Ratio of low to high Triage visits	0.50	0.44	0.47	0.50	0.46	0.48	0.35 (0.31-0.39)	0.32 (0.29-0.36)	0.34 (0.31-0.36)	0.72 L
Age-Adjusted ratio of low to high Triage visits [‡]	0.61	0.51	0.55	0.60	0.53	0.56	0.45 (0.38-0.51)	0.37 (0.32-0.42)	0.39 (0.36-0.43)	0.71 L
% of all ED visits that are Low Triage	33.0	30.1	31.5	33.2	31.3	32.2	25.9 (22.6-29.1)	24.3 (21.4-27.3)	25.0 (22.8-27.2)	0.79 L
Age-Adjusted % of all ED visits that are Low Triage [†]	36.3	33.2	34.6	36.2	33.9	34.9	29.5 (25.9-33.1)	26.4 (23.3-29.6)	27.6 (25.3-29.9)	0.80 L

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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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