

## N42 – Banbury-Don Mills Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			Banbury-Don Mills			
	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	580	560	1,140	
Total Population Age 5-19	215,715	203,795	419,510	81,570	77,890	159,460	2,080	1,710	3,790	
Total Population Age 20-44	471,380	497,960	969,340	224,185	231,545	455,730	3,800	4,305	8,105	
Total Population Age 45-64	294,840	322,830	617,670	130,750	138,995	269,745	2,945	3,420	6,365	
<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	245	187	432	
Rate of ED visits per 1,000 population per year	537.9	439.7	490.0	523.8	431.5	478.7	422.4 (382.2-462.6)	333.9 (294.9-373.0)	378.9 (350.8-407.1)	0.77 L
% of the population with one or more ED visits per year	34.1	29.2	31.7	33.2	28.6	31.0	29.3 (24.1-34.6)	23.4 (18.8-28.0)	26.4 (22.9-29.9)	0.83 L
<b>Population Age 5-19</b>										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	444	342	786	
Rate of ED visits per 1,000 population per year	235.4	212.4	224.2	253.1	230.9	242.3	213.5 (195.9-231.1)	200.0 (181.0-219.0)	207.4 (194.5-220.3)	0.93 L
% of the population with one or more ED visits per year	17.3	15.0	16.2	18.3	15.8	17.1	16.3 (14.4-18.1)	13.8 (11.9-15.7)	15.1 (13.8-16.5)	0.94 NS
<b>Population Age 20-44</b>										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	663	906	1,569	
Rate of ED visits per 1,000 population per year	242.0	265.6	254.1	264.8	275.4	270.2	174.5 (162.4-186.5)	210.5 (198.3-222.6)	193.6 (185.0-202.2)	0.76 L
% of the population with one or more ED visits per year	15.6	16.9	16.3	16.3	17.3	16.8	12.7 (11.4-13.9)	14.5 (13.2-15.7)	13.6 (12.8-14.5)	0.84 L
<b>Population Age 45-64</b>										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	646	654	1,300	
Rate of ED visits per 1,000 population per year	299.4	276.4	287.4	344.6	289.2	316.1	219.4 (204.4-234.3)	191.2 (178.0-204.4)	204.2 (194.3-214.1)	0.71 L
% of the population with one or more ED visits per year	17.8	17.6	17.7	18.9	17.6	18.2	14.6 (13.1-16.1)	13.3 (12.0-14.6)	13.9 (12.9-14.9)	0.79 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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<b>Demographics ***</b>										
Total Population Age 65-74	80,785	98,145	178,930	31,755	38,280	70,035	1,055	1,395	2,450	
Total Population Age 75+	68,060	104,610	172,670	26,385	43,330	69,715	1,295	2,280	3,575	
Total Population	1,199,560	1,292,940	2,492,500	523,535	557,640	1,081,175	11,755	13,670	25,425	
<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	267	367	634	
Rate of ED visits per 1,000 population per year	357.2	328.5	341.5	404.3	352.3	375.9	253.1 (226.8-279.3)	263.1 (240.0-286.2)	258.8 (241.4-276.1)	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	17.5 (14.8-20.3)	18.1 (15.6-20.5)	17.8 (16.0-19.7)	0.88 L
<b>Population Age 75+</b>										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	718	1,205	1,923	
Rate of ED visits per 1,000 population per year	634.5	590.7	608.0	663.4	595.2	621.0	554.4 (527.4-581.5)	528.5 (508.0-549.0)	537.9 (521.6-554.2)	0.88 L
% of the population with one or more ED visits per year	34.1	33.4	33.7	34.8	33.1	33.7	29.2 (25.7-32.7)	30.4 (27.7-33.1)	30.0 (27.8-32.1)	0.89 L
<b>Total Population</b>										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	2,983	3,661	6,644	
Rate of ED visits per 1,000 population per year	301.9	299.8	300.8	325.8	310.5	317.9	253.8 (243.2-264.3)	267.8 (257.7-278.0)	261.3 (254.0-268.6)	0.87 L
Age-Adjusted rate of visits per 1,000 †	293.9	292.3	293.1	319.1	303.5	311.2	228.1 (220.0-236.1)	233.8 (226.1-241.4)	230.9 (225.4-236.5)	0.79 L
% of the population with one or more ED visits per year	18.9	19.0	18.9	19.5	19.2	19.3	16.9 (16.7-18.3)	17.5 (16.0-17.7)	17.2 (16.6-17.8)	0.91 L
Age-Adjusted % of the population with an ED visit †	19.2	19.3	19.2	19.0	19.5	19.3	16.0 (15.3-16.7)	15.9 (15.2-16.6)	16.0 (15.5-16.5)	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).

**†** 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	245	187	432	
# of Low Triage visits	10,135	8,471	18,606	4,310	3,726	8,036	62	48	110	
Ratio of low to high Triage visits	0.38	0.42	0.40	0.41	0.46	0.43	0.34 (0.25-0.43)	0.35 (0.24-0.45)	0.34 (0.27-0.41)	0.86 NS
% of all ED visits that are Low Triage	27.4	29.4	28.3	28.5	31.3	29.7	25.3 (18.0-32.6)	25.7 (17.2-34.1)	25.5 (20.0-31.0)	0.90 NS
<b>Population Age 5-19</b>										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	444	342	786	
# of Low Triage visits	22,320	17,595	39,915	8,622	7,106	15,728	204	141	345	
Ratio of low to high Triage visits	0.79	0.69	0.75	0.73	0.66	0.70	0.86 (0.71-1.01)	0.71 (0.56-0.85)	0.79 (0.68-0.90)	1.06 NS
% of all ED visits that are Low Triage	44.0	40.7	42.4	41.8	39.5	40.7	45.9 (37.4-54.5)	41.2 (32.4-50.1)	43.9 (37.7-50.1)	1.03 NS
<b>Population Age 20-44</b>										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	663	906	1,569	
# of Low Triage visits	46,788	45,261	92,049	24,137	23,245	47,382	246	288	534	
Ratio of low to high Triage visits	0.70	0.52	0.60	0.69	0.58	0.63	0.59 (0.50-0.68)	0.47 (0.41-0.53)	0.52 (0.47-0.57)	0.86 L
% of all ED visits that are Low Triage	41.0	34.2	37.4	40.7	36.4	38.5	37.1 (31.3-43.0)	31.8 (27.3-36.2)	34.0 (30.5-37.6)	0.91 NS
<b>Population Age 45-64</b>										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	646	654	1,300	
# of Low Triage visits	27,429	27,774	55,203	13,968	12,762	26,730	196	190	386	
Ratio of low to high Triage visits	0.45	0.46	0.45	0.45	0.47	0.46	0.44 (0.37-0.51)	0.41 (0.35-0.48)	0.43 (0.38-0.48)	0.94 NS
% of all ED visits that are Low Triage	31.1	31.1	31.1	31.0	31.8	31.4	30.3 (25.3-35.4)	29.1 (24.1-34.0)	29.7 (26.2-33.2)	0.95 NS

**CI** Confidence Interval.

**H / L / NS** Chances are at least 19 in 20 that the ratio/rate is higher (H) or lower (L) than the City of Toronto ratio/rate ( $p < 0.05$ ). Ratios/Rates marked not significantly (NS) different do not reach this level of significance.

\* 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></b>										
<b>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	267	367	634	
# of Low Triage visits	6,215	7,807	14,022	2,844	3,278	6,122	59	94	153	
Ratio of low to high Triage visits	0.28	0.32	0.30	0.29	0.33	0.31	0.29 (0.21-0.37)	0.34 (0.27-0.42)	0.32 (0.26-0.37)	1.06 NS
% of all ED visits that are Low Triage	21.5	24.2	22.9	22.2	24.3	23.3	22.1 (15.7-28.5)	25.6 (19.6-31.6)	24.1 (19.7-28.5)	1.05 NS
<b>Population Age 75+</b>										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	718	1,205	1,923	
# of Low Triage visits	6,727	9,938	16,665	2,680	4,038	6,718	105	163	268	
Ratio of low to high Triage visits	0.19	0.19	0.19	0.18	0.19	0.19	0.17 (0.14-0.20)	0.16 (0.13-0.18)	0.16 (0.14-0.18)	0.85 L
% of all ED visits that are Low Triage	15.6	16.1	15.9	15.3	15.7	15.5	14.6 (11.6-17.7)	13.5 (11.3-15.8)	13.9 (12.1-15.7)	0.88 L
<b>Total Population</b>										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	2,983	3,661	6,644	
# of Low Triage visits	119,614	116,846	236,460	56,561	54,155	110,716	872	924	1,796	
Ratio of low to high Triage visits	0.50	0.44	0.47	0.50	0.46	0.48	0.42 (0.38-0.45)	0.34 (0.32-0.36)	0.37 (0.35-0.39)	0.80 L
Age-Adjusted ratio of low to high Triage visits <sup>‡</sup>	0.61	0.51	0.55	0.60	0.53	0.56	0.58 (0.52-0.64)	0.48 (0.43-0.52)	0.52 (0.49-0.55)	0.94 NS
% of all ED visits that are Low Triage	33.0	30.1	31.5	33.2	31.3	32.2	29.2 (26.9-31.5)	25.2 (23.4-27.1)	27.0 (25.6-28.5)	0.86 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	35.3 (32.3-38.2)	31.2 (28.7-33.7)	33.2 (31.3-35.1)	0.96 NS

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<sup>‡</sup> Ratios of low to high Triage visits are age-adjusted using the 1991 Canada population as the standard population.

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