

N39 – Bedford Park-Nortown Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			Bedford Park-Nortown			
	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	765	685	1,450	
Total Population Age 5-19	215,715	203,795	419,510	81,570	77,890	159,460	2,325	2,210	4,535	
Total Population Age 20-44	471,380	497,960	969,340	224,185	231,545	455,730	3,030	3,690	6,720	
Total Population Age 45-64	294,840	322,830	617,670	130,750	138,995	269,745	2,680	3,075	5,755	
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	232	176	408	
Rate of ED visits per 1,000 population per year	537.9	439.7	490.0	523.8	431.5	478.7	303.3 (270.7-335.8)	256.9 (224.2-289.7)	281.4 (258.2-304.5)	0.57 L
% of the population with one or more ED visits per year	34.1	29.2	31.7	33.2	28.6	31.0	21.8 (18.1-25.6)	18.5 (15.0-22.1)	20.3 (17.7-22.9)	0.64 L
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	510	366	876	
Rate of ED visits per 1,000 population per year	235.4	212.4	224.2	253.1	230.9	242.3	219.4 (202.5-236.2)	165.6 (150.1-181.1)	193.2 (181.7-204.7)	0.86 L
% of the population with one or more ED visits per year	17.3	15.0	16.2	18.3	15.8	17.1	16.9 (15.0-18.7)	12.3 (10.7-13.8)	14.6 (13.4-15.8)	0.90 L
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	472	679	1,151	
Rate of ED visits per 1,000 population per year	242.0	265.6	254.1	264.8	275.4	270.2	155.8 (142.9-168.7)	184.0 (171.5-196.5)	171.3 (162.3-180.3)	0.67 L
% of the population with one or more ED visits per year	15.6	16.9	16.3	16.3	17.3	16.8	11.8 (10.5-13.1)	13.0 (11.7-14.2)	12.5 (11.6-13.4)	0.77 L
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	548	609	1,157	
Rate of ED visits per 1,000 population per year	299.4	276.4	287.4	344.6	289.2	316.1	204.5 (189.2-219.7)	198.0 (184.0-212.1)	201.0 (190.7-211.4)	0.70 L
% of the population with one or more ED visits per year	17.8	17.6	17.7	18.9	17.6	18.2	14.3 (12.7-15.8)	14.6 (13.2-16.1)	14.5 (13.4-15.5)	0.82 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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Demographics ***										
Total Population Age 65-74	80,785	98,145	178,930	31,755	38,280	70,035	690	955	1,645	
Total Population Age 75+	68,060	104,610	172,670	26,385	43,330	69,715	730	1,280	2,010	
Total Population	1,199,560	1,292,940	2,492,500	523,535	557,640	1,081,175	10,220	11,895	22,115	
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	151	234	385	
Rate of ED visits per 1,000 population per year	357.2	328.5	341.5	404.3	352.3	375.9	218.8 (188.0-249.7)	245.0 (217.7-272.3)	234.0 (213.6-254.5)	0.69 L
% of the population with one or more ED visits per year	20.7	20.1	20.4	22.4	21.0	21.7	15.8 (12.6-19.0)	15.6 (12.9-18.3)	15.7 (13.6-17.8)	0.77 L
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	356	537	893	
Rate of ED visits per 1,000 population per year	634.5	590.7	608.0	663.4	595.2	621.0	487.7 (451.4-523.9)	419.5 (392.5-446.6)	444.3 (422.6-466.0)	0.73 L
% of the population with one or more ED visits per year	34.1	33.4	33.7	34.8	33.1	33.7	28.5 (23.9-33.1)	24.4 (21.3-27.5)	25.9 (23.3-28.5)	0.77 L
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	2,269	2,601	4,870	
Rate of ED visits per 1,000 population per year	301.9	299.8	300.8	325.8	310.5	317.9	222.0 (211.7-232.4)	218.7 (209.2-228.2)	220.2 (213.2-227.2)	0.73 L
Age-Adjusted rate of visits per 1,000 †	293.9	292.3	293.1	319.1	303.5	311.2	204.5 (196.4-212.6)	205.1 (197.6-212.6)	204.8 (199.3-210.3)	0.70 L
% of the population with one or more ED visits per year	18.9	19.0	18.9	19.5	19.2	19.3	15.8 (14.3-15.8)	15.0 (15.0-16.7)	15.4 (14.8-16.0)	0.81 L
Age-Adjusted % of the population with an ED visit †	19.2	19.3	19.2	19.0	19.5	19.3	15.0 (14.3-15.8)	14.4 (13.7-15.0)	14.7 (14.2-15.2)	0.76 L

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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	232	176	408	
# of Low Triage visits	10,135	8,471	18,606	4,310	3,726	8,036	65	58	123	
Ratio of low to high Triage visits	0.38	0.42	0.40	0.41	0.46	0.43	0.40 (0.29-0.51)	0.50 (0.35-0.65)	0.44 (0.36-0.53)	1.11 NS
% of all ED visits that are Low Triage	27.4	29.4	28.3	28.5	31.3	29.7	28.0 (20.0-36.0)	33.0 (22.6-43.3)	30.1 (23.8-36.5)	1.07 NS
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	510	366	876	
# of Low Triage visits	22,320	17,595	39,915	8,622	7,106	15,728	231	153	384	
Ratio of low to high Triage visits	0.79	0.69	0.75	0.73	0.66	0.70	0.85 (0.71-0.99)	0.73 (0.59-0.88)	0.80 (0.70-0.90)	1.07 NS
% of all ED visits that are Low Triage	44.0	40.7	42.4	41.8	39.5	40.7	45.3 (37.4-53.2)	41.8 (33.1-50.5)	43.8 (38.0-49.7)	1.03 NS
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	472	679	1,151	
# of Low Triage visits	46,788	45,261	92,049	24,137	23,245	47,382	194	249	443	
Ratio of low to high Triage visits	0.70	0.52	0.60	0.69	0.58	0.63	0.70 (0.58-0.83)	0.59 (0.50-0.68)	0.63 (0.56-0.71)	1.05 NS
% of all ED visits that are Low Triage	41.0	34.2	37.4	40.7	36.4	38.5	41.1 (33.6-48.6)	36.7 (30.9-42.4)	38.5 (33.9-43.1)	1.03 NS
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	548	609	1,157	
# of Low Triage visits	27,429	27,774	55,203	13,968	12,762	26,730	176	235	411	
Ratio of low to high Triage visits	0.45	0.46	0.45	0.45	0.47	0.46	0.47 (0.39-0.56)	0.63 (0.53-0.73)	0.55 (0.49-0.62)	1.22 H
% of all ED visits that are Low Triage	31.1	31.1	31.1	31.0	31.8	31.4	32.1 (26.4-37.9)	38.6 (32.3-44.9)	35.5 (31.2-39.8)	1.14 H

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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	151	234	385	
# of Low Triage visits	6,215	7,807	14,022	2,844	3,278	6,122	42	59	101	
Ratio of low to high Triage visits	0.28	0.32	0.30	0.29	0.33	0.31	0.40 (0.26-0.53)	0.34 (0.24-0.43)	0.36 (0.28-0.44)	1.20 NS
% of all ED visits that are Low Triage	21.5	24.2	22.9	22.2	24.3	23.3	27.8 (17.9-37.7)	25.2 (17.8-32.7)	26.2 (20.3-32.2)	1.14 NS
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	356	537	893	
# of Low Triage visits	6,727	9,938	16,665	2,680	4,038	6,718	53	82	135	
Ratio of low to high Triage visits	0.19	0.19	0.19	0.18	0.19	0.19	0.18 (0.13-0.22)	0.18 (0.14-0.22)	0.18 (0.15-0.21)	0.94 NS
% of all ED visits that are Low Triage	15.6	16.1	15.9	15.3	15.7	15.5	14.9 (10.5-19.2)	15.3 (11.7-18.9)	15.1 (12.3-17.9)	0.95 NS
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	2,269	2,601	4,870	
# of Low Triage visits	119,614	116,846	236,460	56,561	54,155	110,716	761	836	1,597	
Ratio of low to high Triage visits	0.50	0.44	0.47	0.50	0.46	0.48	0.51 (0.47-0.55)	0.48 (0.44-0.52)	0.49 (0.47-0.52)	1.06 H
Age-Adjusted ratio of low to high Triage visits [‡]	0.61	0.51	0.55	0.60	0.53	0.56	0.65 (0.58-0.73)	0.61 (0.56-0.67)	0.63 (0.58-0.67)	1.13 H
% of all ED visits that are Low Triage	33.0	30.1	31.5	33.2	31.3	32.2	33.5 (30.6-36.5)	32.1 (29.5-34.8)	32.8 (30.8-34.8)	1.04 NS
Age-Adjusted % of all ED visits that are Low Triage [†]	36.3	33.2	34.6	36.2	33.9	34.9	37.6 (34.1-41.1)	36.6 (33.6-39.6)	37.0 (34.8-39.3)	1.07 H

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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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