

N50 – Newtonbrook East Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			Newtonbrook East			
	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	245	250	495	
Total Population Age 5-19	215,715	203,795	419,510	81,570	77,890	159,460	1,150	1,055	2,205	
Total Population Age 20-44	471,380	497,960	969,340	224,185	231,545	455,730	2,875	2,955	5,830	
Total Population Age 45-64	294,840	322,830	617,670	130,750	138,995	269,745	1,845	2,215	4,060	
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	135	111	246	
Rate of ED visits per 1,000 population per year	537.9	439.7	490.0	523.8	431.5	478.7	551.0 (488.7-613.3)	444.0 (382.4-505.6)	497.0 (452.9-541.0)	1.01 NS
% of the population with one or more ED visits per year	34.1	29.2	31.7	33.2	28.6	31.0	36.3 (26.9-45.8)	30.0 (21.9-38.1)	33.1 (26.9-39.3)	1.04 NS
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	223	183	406	
Rate of ED visits per 1,000 population per year	235.4	212.4	224.2	253.1	230.9	242.3	193.9 (171.1-216.8)	173.5 (150.6-196.3)	184.1 (167.9-200.3)	0.82 L
% of the population with one or more ED visits per year	17.3	15.0	16.2	18.3	15.8	17.1	14.5 (12.1-16.9)	12.7 (10.4-15.0)	13.7 (12.0-15.3)	0.84 L
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	493	606	1,099	
Rate of ED visits per 1,000 population per year	242.0	265.6	254.1	264.8	275.4	270.2	171.5 (157.7-185.3)	205.1 (190.5-219.6)	188.5 (178.5-198.5)	0.74 L
% of the population with one or more ED visits per year	15.6	16.9	16.3	16.3	17.3	16.8	12.4 (11.0-13.8)	13.3 (11.9-14.7)	12.8 (11.8-13.8)	0.79 L
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	379	514	893	
Rate of ED visits per 1,000 population per year	299.4	276.4	287.4	344.6	289.2	316.1	205.4 (187.0-223.9)	232.1 (214.5-249.6)	220.0 (207.2-232.7)	0.77 L
% of the population with one or more ED visits per year	17.8	17.6	17.7	18.9	17.6	18.2	13.9 (12.0-15.7)	14.5 (12.8-16.3)	14.2 (13.0-15.5)	0.81 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	545	705	1,250	
Total Population Age 75+	68,060	104,610	172,670	26,385	43,330	69,715	635	975	1,610	
Total Population	1,199,560	1,292,940	2,492,500	523,535	557,640	1,081,175	7,295	8,155	15,450	
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	179	216	395	
Rate of ED visits per 1,000 population per year	357.2	328.5	341.5	404.3	352.3	375.9	328.4	306.4	316.0	0.93 NS
% of the population with one or more ED visits per year	20.7	20.1	20.4	22.4	21.0	21.7	18.3	18.4	18.4	0.90 NS
							(14.4-22.3)	(14.9-21.9)	(15.8-21.0)	
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	347	512	859	
Rate of ED visits per 1,000 population per year	634.5	590.7	608.0	663.4	595.2	621.0	546.5	525.1	533.5	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	30.4	30.9	30.7	0.91 NS
							(25.3-35.5)	(26.7-35.1)	(27.4-33.9)	
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	1,756	2,142	3,898	
Rate of ED visits per 1,000 population per year	301.9	299.8	300.8	325.8	310.5	317.9	240.7	262.7	252.3	0.84 L
Age-Adjusted rate of visits per 1,000 †	293.9	292.3	293.1	319.1	303.5	311.2	234.6	250.5	242.6	0.83 L
							(224.4-244.7)	(240.4-260.6)	(235.4-249.8)	
% of the population with one or more ED visits per year	18.9	19.0	18.9	19.5	19.2	19.3	15.9	16.6	16.3	0.86 L
							(15.6-17.6)	(14.9-16.9)	(15.6-17.0)	
Age-Adjusted % of the population with an ED visit †	19.2	19.3	19.2	19.0	19.5	19.3	16.1	16.2	16.1	0.84 L
							(15.1-17.0)	(15.4-17.1)	(15.5-16.8)	

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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	135	111	246	
# of Low Triage visits	10,135	8,471	18,606	4,310	3,726	8,036	37	25	62	
Ratio of low to high Triage visits	0.38	0.42	0.40	0.41	0.46	0.43	0.38 (0.25-0.51)	0.29 (0.17-0.41)	0.34 (0.25-0.43)	0.85 NS
% of all ED visits that are Low Triage	27.4	29.4	28.3	28.5	31.3	29.7	27.4 (17.0-37.8)	22.5 (12.5-32.6)	25.2 (17.9-32.5)	0.89 NS
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	223	183	406	
# of Low Triage visits	22,320	17,595	39,915	8,622	7,106	15,728	104	81	185	
Ratio of low to high Triage visits	0.79	0.69	0.75	0.73	0.66	0.70	0.87 (0.66-1.09)	0.79 (0.57-1.02)	0.84 (0.68-0.99)	1.12 NS
% of all ED visits that are Low Triage	44.0	40.7	42.4	41.8	39.5	40.7	46.6 (34.4-58.9)	44.3 (31.4-57.2)	45.6 (36.7-54.5)	1.07 NS
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	493	606	1,099	
# of Low Triage visits	46,788	45,261	92,049	24,137	23,245	47,382	197	216	413	
Ratio of low to high Triage visits	0.70	0.52	0.60	0.69	0.58	0.63	0.67 (0.56-0.79)	0.56 (0.47-0.64)	0.61 (0.54-0.68)	1.01 NS
% of all ED visits that are Low Triage	41.0	34.2	37.4	40.7	36.4	38.5	40.0 (32.8-47.2)	35.6 (29.7-41.6)	37.6 (33.0-42.2)	1.01 NS
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	379	514	893	
# of Low Triage visits	27,429	27,774	55,203	13,968	12,762	26,730	128	187	315	
Ratio of low to high Triage visits	0.45	0.46	0.45	0.45	0.47	0.46	0.51 (0.41-0.61)	0.57 (0.48-0.67)	0.55 (0.47-0.62)	1.20 H
% of all ED visits that are Low Triage	31.1	31.1	31.1	31.0	31.8	31.4	33.8 (26.6-41.0)	36.4 (29.8-42.9)	35.3 (30.4-40.1)	1.13 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	179	216	395	
# of Low Triage visits	6,215	7,807	14,022	2,844	3,278	6,122	39	57	96	
Ratio of low to high Triage visits	0.28	0.32	0.30	0.29	0.33	0.31	0.28 (0.19-0.37)	0.36 (0.26-0.47)	0.32 (0.25-0.39)	1.08 NS
% of all ED visits that are Low Triage	21.5	24.2	22.9	22.2	24.3	23.3	21.8 (14.1-29.5)	26.4 (18.4-34.4)	24.3 (18.7-29.9)	1.06 NS
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	347	512	859	
# of Low Triage visits	6,727	9,938	16,665	2,680	4,038	6,718	55	76	131	
Ratio of low to high Triage visits	0.19	0.19	0.19	0.18	0.19	0.19	0.19 (0.14-0.24)	0.18 (0.14-0.22)	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	15.9 (11.3-20.4)	14.8 (11.2-18.5)	15.3 (12.4-18.1)	0.96 NS
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	1,756	2,142	3,898	
# of Low Triage visits	119,614	116,846	236,460	56,561	54,155	110,716	560	642	1,202	
Ratio of low to high Triage visits	0.50	0.44	0.47	0.50	0.46	0.48	0.47 (0.43-0.52)	0.43 (0.39-0.47)	0.45 (0.42-0.48)	0.96 NS
Age-Adjusted ratio of low to high Triage visits ‡	0.61	0.51	0.55	0.60	0.53	0.56	0.64 (0.56-0.71)	0.57 (0.50-0.63)	0.59 (0.54-0.63)	1.07 NS
% of all ED visits that are Low Triage	33.0	30.1	31.5	33.2	31.3	32.2	31.9 (28.7-35.1)	30.0 (27.2-32.7)	30.8 (28.7-32.9)	0.98 NS
Age-Adjusted % of all ED visits that are Low Triage †	36.3	33.2	34.6	36.2	33.9	34.9	37.4 (33.6-41.2)	35.0 (31.6-38.4)	36.1 (33.6-38.6)	1.04 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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