

N36 – Newtonbrook West Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			Newtonbrook West			
	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	465	375	840	
Total Population Age 5-19	215,715	203,795	419,510	81,570	77,890	159,460	1,650	1,510	3,160	
Total Population Age 20-44	471,380	497,960	969,340	224,185	231,545	455,730	3,725	3,785	7,510	
Total Population Age 45-64	294,840	322,830	617,670	130,750	138,995	269,745	2,580	2,955	5,535	
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	220	198	418	
Rate of ED visits per 1,000 population per year	537.9	439.7	490.0	523.8	431.5	478.7	473.1 (427.7-518.5)	528.0 (477.5-578.5)	497.6 (463.8-531.4)	1.02 NS
% of the population with one or more ED visits per year	34.1	29.2	31.7	33.2	28.6	31.0	31.2 (25.1-37.3)	33.6 (26.4-40.8)	32.3 (27.6-36.9)	1.02 NS
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	422	343	765	
Rate of ED visits per 1,000 population per year	235.4	212.4	224.2	253.1	230.9	242.3	255.8 (234.7-276.8)	227.2 (206.0-248.3)	242.1 (227.2-257.0)	1.08 H
% of the population with one or more ED visits per year	17.3	15.0	16.2	18.3	15.8	17.1	17.5 (15.2-19.7)	15.7 (13.5-17.9)	16.6 (15.1-18.2)	1.03 NS
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	985	1,053	2,038	
Rate of ED visits per 1,000 population per year	242.0	265.6	254.1	264.8	275.4	270.2	264.4 (250.3-278.6)	278.2 (263.9-292.5)	271.4 (261.3-281.4)	1.07 H
% of the population with one or more ED visits per year	15.6	16.9	16.3	16.3	17.3	16.8	17.0 (15.5-18.4)	18.6 (17.1-20.1)	17.8 (16.7-18.8)	1.09 H
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	719	847	1,566	
Rate of ED visits per 1,000 population per year	299.4	276.4	287.4	344.6	289.2	316.1	278.7 (261.4-296.0)	286.6 (270.3-302.9)	282.9 (271.1-294.8)	0.98 NS
% of the population with one or more ED visits per year	17.8	17.6	17.7	18.9	17.6	18.2	18.2 (16.4-20.0)	19.0 (17.2-20.7)	18.6 (17.4-19.9)	1.05 NS

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	765	980	1,745	
Total Population Age 75+	68,060	104,610	172,670	26,385	43,330	69,715	740	1,050	1,790	
Total Population	1,199,560	1,292,940	2,492,500	523,535	557,640	1,081,175	9,925	10,655	20,580	
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	332	379	711	
Rate of ED visits per 1,000 population per year	357.2	328.5	341.5	404.3	352.3	375.9	434.0	386.7	407.4	1.19 H (398.9-469.1) (356.2-417.2) (384.4-430.5)
% of the population with one or more ED visits per year	20.7	20.1	20.4	22.4	21.0	21.7	25.9	24.0	24.8	1.22 H (21.7-30.1) (20.5-27.5) (22.1-27.5)
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	451	702	1,153	
Rate of ED visits per 1,000 population per year	634.5	590.7	608.0	663.4	595.2	621.0	609.5	668.6	644.1	1.06 H (574.3-644.6) (640.1-697.0) (622.0-666.3)
% of the population with one or more ED visits per year	34.1	33.4	33.7	34.8	33.1	33.7	32.4	37.0	35.1	1.04 NS (27.4-37.4) (32.4-41.7) (31.7-38.5)
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	3,129	3,522	6,651	
Rate of ED visits per 1,000 population per year	301.9	299.8	300.8	325.8	310.5	317.9	315.3	330.5	323.2	1.07 H (301.9-328.6) (317.2-343.9) (313.7-332.6)
Age-Adjusted rate of visits per 1,000 †	293.9	292.3	293.1	319.1	303.5	311.2	301.4	321.6	311.6	1.06 H (292.2-310.7) (312.4-330.8) (305.1-318.1)
% of the population with one or more ED visits per year	18.9	19.0	18.9	19.5	19.2	19.3	19.9	21.1	20.5	1.08 H (20.2-22.1) (18.9-20.9) (19.8-21.2)
Age-Adjusted % of the population with an ED visit †	19.2	19.3	19.2	19.0	19.5	19.3	19.4	20.8	20.1	1.05 H (18.6-20.3) (20.0-21.6) (19.5-20.7)

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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	220	198	418	
# of Low Triage visits	10,135	8,471	18,606	4,310	3,726	8,036	53	53	106	
Ratio of low to high Triage visits	0.38	0.42	0.40	0.41	0.46	0.43	0.32 (0.23-0.41)	0.37 (0.26-0.47)	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	24.1 (16.6-31.5)	26.8 (18.3-35.2)	25.4 (19.8-30.9)	0.90 NS
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	422	343	765	
# of Low Triage visits	22,320	17,595	39,915	8,622	7,106	15,728	230	164	394	
Ratio of low to high Triage visits	0.79	0.69	0.75	0.73	0.66	0.70	1.21 (0.99-1.43)	0.92 (0.73-1.10)	1.07 (0.93-1.21)	1.43 H
% of all ED visits that are Low Triage	44.0	40.7	42.4	41.8	39.5	40.7	54.5 (44.1-64.9)	47.8 (37.7-57.9)	51.5 (44.2-58.8)	1.21 H
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	985	1,053	2,038	
# of Low Triage visits	46,788	45,261	92,049	24,137	23,245	47,382	438	425	863	
Ratio of low to high Triage visits	0.70	0.52	0.60	0.69	0.58	0.63	0.80 (0.71-0.90)	0.68 (0.60-0.75)	0.74 (0.68-0.80)	1.22 H
% of all ED visits that are Low Triage	41.0	34.2	37.4	40.7	36.4	38.5	44.5 (38.9-50.1)	40.4 (35.4-45.3)	42.3 (38.6-46.1)	1.13 H
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	719	847	1,566	
# of Low Triage visits	27,429	27,774	55,203	13,968	12,762	26,730	262	328	590	
Ratio of low to high Triage visits	0.45	0.46	0.45	0.45	0.47	0.46	0.58 (0.50-0.66)	0.63 (0.55-0.72)	0.61 (0.55-0.67)	1.34 H
% of all ED visits that are Low Triage	31.1	31.1	31.1	31.0	31.8	31.4	36.4 (30.9-42.0)	38.7 (33.4-44.1)	37.7 (33.8-41.5)	1.21 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	332	379	711	
# of Low Triage visits	6,215	7,807	14,022	2,844	3,278	6,122	103	107	210	
Ratio of low to high Triage visits	0.28	0.32	0.30	0.29	0.33	0.31	0.45 (0.36-0.55)	0.40 (0.31-0.48)	0.42 (0.36-0.48)	1.40 H
% of all ED visits that are Low Triage	21.5	24.2	22.9	22.2	24.3	23.3	31.0 (23.8-38.2)	28.2 (21.9-34.5)	29.5 (24.8-34.3)	1.29 H
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	451	702	1,153	
# of Low Triage visits	6,727	9,938	16,665	2,680	4,038	6,718	91	140	231	
Ratio of low to high Triage visits	0.19	0.19	0.19	0.18	0.19	0.19	0.25 (0.20-0.31)	0.25 (0.21-0.29)	0.25 (0.22-0.28)	1.32 H
% of all ED visits that are Low Triage	15.6	16.1	15.9	15.3	15.7	15.5	20.2 (15.5-24.8)	19.9 (16.3-23.6)	20.0 (17.1-22.9)	1.26 H
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	3,129	3,522	6,651	
# of Low Triage visits	119,614	116,846	236,460	56,561	54,155	110,716	1,177	1,217	2,394	
Ratio of low to high Triage visits	0.50	0.44	0.47	0.50	0.46	0.48	0.61 (0.57-0.65)	0.53 (0.50-0.56)	0.56 (0.54-0.59)	1.21 H
Age-Adjusted ratio of low to high Triage visits ‡	0.61	0.51	0.55	0.60	0.53	0.56	0.79 (0.72-0.86)	0.66 (0.61-0.71)	0.72 (0.68-0.76)	1.31 H
% of all ED visits that are Low Triage	33.0	30.1	31.5	33.2	31.3	32.2	37.6 (34.9-40.3)	34.6 (32.2-37.0)	36.0 (34.2-37.8)	1.14 H
Age-Adjusted % of all ED visits that are Low Triage †	36.3	33.2	34.6	36.2	33.9	34.9	42.1 (39.3-45.0)	38.6 (36.0-41.2)	40.4 (38.4-42.3)	1.17 H

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