

N62 – East End-Danforth Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			East End-Danforth			
	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	585	610	1,195	
Total Population Age 5-19	215,715	203,795	419,510	81,570	77,890	159,460	1,715	1,655	3,370	
Total Population Age 20-44	471,380	497,960	969,340	224,185	231,545	455,730	3,765	4,110	7,875	
Total Population Age 45-64	294,840	322,830	617,670	130,750	138,995	269,745	2,595	2,880	5,475	
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	235	225	460	
Rate of ED visits per 1,000 population per year	537.9	439.7	490.0	523.8	431.5	478.7	401.7 (362.0-441.4)	368.9 (330.6-407.1)	384.9 (357.3-412.5)	0.79 L
% of the population with one or more ED visits per year	34.1	29.2	31.7	33.2	28.6	31.0	28.9 (23.7-34.1)	27.9 (22.9-32.8)	28.4 (24.8-31.9)	0.89 NS
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	392	382	774	
Rate of ED visits per 1,000 population per year	235.4	212.4	224.2	253.1	230.9	242.3	228.6 (208.7-248.4)	230.8 (210.5-251.1)	229.7 (215.5-243.9)	1.02 NS
% 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 (14.8-19.0)	16.0 (13.9-18.1)	16.4 (14.9-17.9)	1.02 NS
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	971	973	1,944	
Rate of ED visits per 1,000 population per year	242.0	265.6	254.1	264.8	275.4	270.2	257.9 (243.9-271.9)	236.7 (223.7-249.7)	246.9 (237.3-256.4)	0.97 NS
% of the population with one or more ED visits per year	15.6	16.9	16.3	16.3	17.3	16.8	15.8 (14.4-17.1)	15.2 (13.9-16.5)	15.5 (14.5-16.4)	0.95 NS
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	952	786	1,738	
Rate of ED visits per 1,000 population per year	299.4	276.4	287.4	344.6	289.2	316.1	366.9 (348.3-385.4)	272.9 (256.6-289.2)	317.4 (305.1-329.8)	1.10 H
% of the population with one or more ED visits per year	17.8	17.6	17.7	18.9	17.6	18.2	19.3 (17.4-21.1)	16.5 (14.8-18.1)	17.8 (16.6-19.0)	1.01 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	495	590	1,085	
Total Population Age 75+	68,060	104,610	172,670	26,385	43,330	69,715	330	705	1,035	
Total Population	1,199,560	1,292,940	2,492,500	523,535	557,640	1,081,175	9,485	10,550	20,035	
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	311	241	552	
Rate of ED visits per 1,000 population per year	357.2	328.5	341.5	404.3	352.3	375.9	628.3 (585.7-670.9)	408.5 (368.8-448.1)	508.8 (479.0-538.5)	1.49 H
% of the population with one or more ED visits per year	20.7	20.1	20.4	22.4	21.0	21.7	24.2 (19.3-29.2)	22.4 (18.0-26.7)	23.2 (20.0-26.5)	1.14 NS
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	227	405	632	
Rate of ED visits per 1,000 population per year	634.5	590.7	608.0	663.4	595.2	621.0	687.9 (637.9-737.9)	574.5 (538.0-611.0)	610.6 (580.9-640.3)	1.00 NS
% of the population with one or more ED visits per year	34.1	33.4	33.7	34.8	33.1	33.7	37.3 (29.0-45.6)	31.3 (26.4-36.3)	33.2 (28.9-37.5)	0.99 NS
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	3,088	3,012	6,100	
Rate of ED visits per 1,000 population per year	301.9	299.8	300.8	325.8	310.5	317.9	325.6 (311.6-339.5)	285.5 (273.4-297.6)	304.5 (295.3-313.6)	1.01 NS
Age-Adjusted rate of visits per 1,000 †	293.9	292.3	293.1	319.1	303.5	311.2	327.1 (317.8-336.4)	287.3 (278.6-296.1)	307.0 (300.6-313.4)	1.05 H
% of the population with one or more ED visits per year	18.9	19.0	18.9	19.5	19.2	19.3	18.9 (17.0-18.8)	17.9 (18.0-19.9)	18.4 (17.7-19.0)	0.97 NS
Age-Adjusted % of the population with an ED visit †	19.2	19.3	19.2	19.0	19.5	19.3	19.3 (18.5-20.1)	18.1 (17.4-18.9)	18.7 (18.1-19.2)	0.97 L

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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	235	225	460	
# of Low Triage visits	10,135	8,471	18,606	4,310	3,726	8,036	80	74	154	
Ratio of low to high Triage visits	0.38	0.42	0.40	0.41	0.46	0.43	0.52 (0.39-0.65)	0.50 (0.37-0.63)	0.51 (0.42-0.60)	1.28 H
% of all ED visits that are Low Triage	27.4	29.4	28.3	28.5	31.3	29.7	34.0 (24.9-43.2)	32.9 (23.7-42.0)	33.5 (27.0-40.0)	1.18 NS
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	392	382	774	
# of Low Triage visits	22,320	17,595	39,915	8,622	7,106	15,728	183	165	348	
Ratio of low to high Triage visits	0.79	0.69	0.75	0.73	0.66	0.70	0.89 (0.73-1.06)	0.76 (0.62-0.91)	0.82 (0.71-0.93)	1.11 NS
% of all ED visits that are Low Triage	44.0	40.7	42.4	41.8	39.5	40.7	46.7 (37.4-55.9)	43.2 (34.4-51.9)	45.0 (38.6-51.3)	1.06 NS
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	971	973	1,944	
# of Low Triage visits	46,788	45,261	92,049	24,137	23,245	47,382	391	347	738	
Ratio of low to high Triage visits	0.70	0.52	0.60	0.69	0.58	0.63	0.68 (0.60-0.77)	0.56 (0.49-0.63)	0.62 (0.57-0.67)	1.03 NS
% of all ED visits that are Low Triage	41.0	34.2	37.4	40.7	36.4	38.5	40.3 (35.1-45.4)	35.7 (31.0-40.3)	38.0 (34.5-41.4)	1.02 NS
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	952	786	1,738	
# of Low Triage visits	27,429	27,774	55,203	13,968	12,762	26,730	288	237	525	
Ratio of low to high Triage visits	0.45	0.46	0.45	0.45	0.47	0.46	0.44 (0.38-0.49)	0.44 (0.37-0.50)	0.44 (0.40-0.48)	0.96 NS
% of all ED visits that are Low Triage	31.1	31.1	31.1	31.0	31.8	31.4	30.3 (26.1-34.4)	30.2 (25.6-34.7)	30.2 (27.1-33.3)	0.97 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	311	241	552	
# of Low Triage visits	6,215	7,807	14,022	2,844	3,278	6,122	44	46	90	
Ratio of low to high Triage visits	0.28	0.32	0.30	0.29	0.33	0.31	0.17 (0.12-0.21)	0.24 (0.17-0.31)	0.20 (0.15-0.24)	0.65 L
% of all ED visits that are Low Triage	21.5	24.2	22.9	22.2	24.3	23.3	14.1 (9.6-18.7)	19.1 (13.0-25.2)	16.3 (12.6-20.0)	0.71 L
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	227	405	632	
# of Low Triage visits	6,727	9,938	16,665	2,680	4,038	6,718	28	62	90	
Ratio of low to high Triage visits	0.19	0.19	0.19	0.18	0.19	0.19	0.14 (0.09-0.19)	0.18 (0.14-0.23)	0.17 (0.13-0.20)	0.88 NS
% of all ED visits that are Low Triage	15.6	16.1	15.9	15.3	15.7	15.5	12.3 (7.5-17.2)	15.3 (11.2-19.4)	14.2 (11.1-17.4)	0.90 NS
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	3,088	3,012	6,100	
# of Low Triage visits	119,614	116,846	236,460	56,561	54,155	110,716	1,014	931	1,945	
Ratio of low to high Triage visits	0.50	0.44	0.47	0.50	0.46	0.48	0.49 (0.46-0.53)	0.45 (0.42-0.49)	0.47 (0.45-0.50)	1.02 NS
Age-Adjusted ratio of low to high Triage visits [‡]	0.61	0.51	0.55	0.60	0.53	0.56	0.64 (0.59-0.70)	0.54 (0.49-0.59)	0.58 (0.55-0.62)	1.05 NS
% of all ED visits that are Low Triage	33.0	30.1	31.5	33.2	31.3	32.2	32.8 (30.4-35.3)	30.9 (28.5-33.3)	31.9 (30.2-33.6)	1.01 NS
Age-Adjusted % of all ED visits that are Low Triage [†]	36.3	33.2	34.6	36.2	33.9	34.9	37.1 (34.4-39.8)	33.7 (31.1-36.3)	35.2 (33.3-37.0)	1.02 NS

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