

N138 – Eglinton East Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			Eglinton 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	865	845	1,710	
Total Population Age 5-19	215,715	203,795	419,510	81,570	77,890	159,460	2,305	2,260	4,565	
Total Population Age 20-44	471,380	497,960	969,340	224,185	231,545	455,730	3,705	4,455	8,160	
Total Population Age 45-64	294,840	322,830	617,670	130,750	138,995	269,745	2,390	2,735	5,125	
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	455	338	793	
Rate of ED visits per 1,000 population per year	537.9	439.7	490.0	523.8	431.5	478.7	526.0 (492.7-559.3)	400.0 (367.0-433.0)	463.7 (440.1-487.4)	0.95 L
% of the population with one or more ED visits per year	34.1	29.2	31.7	33.2	28.6	31.0	32.5 (27.9-37.1)	26.2 (22.1-30.2)	29.4 (26.3-32.4)	0.93 NS
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	508	475	983	
Rate of ED visits per 1,000 population per year	235.4	212.4	224.2	253.1	230.9	242.3	220.4 (203.5-237.3)	210.2 (193.4-227.0)	215.3 (203.4-227.3)	0.96 NS
% of the population with one or more ED visits per year	17.3	15.0	16.2	18.3	15.8	17.1	16.5 (14.7-18.3)	15.6 (13.8-17.3)	16.0 (14.8-17.3)	0.99 NS
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	806	1,157	1,963	
Rate of ED visits per 1,000 population per year	242.0	265.6	254.1	264.8	275.4	270.2	217.5 (204.3-230.8)	259.7 (246.8-272.6)	240.6 (231.3-249.8)	0.95 L
% of the population with one or more ED visits per year	15.6	16.9	16.3	16.3	17.3	16.8	15.1 (13.8-16.5)	17.4 (16.1-18.8)	16.4 (15.4-17.3)	1.01 NS
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	782	840	1,622	
Rate of ED visits per 1,000 population per year	299.4	276.4	287.4	344.6	289.2	316.1	327.2 (308.4-346.0)	307.1 (289.8-324.4)	316.5 (303.8-329.2)	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 (17.3-21.2)	19.8 (18.0-21.7)	19.6 (18.2-20.9)	1.11 H

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	670	865	1,535	
Total Population Age 75+	68,060	104,610	172,670	26,385	43,330	69,715	515	810	1,325	
Total Population	1,199,560	1,292,940	2,492,500	523,535	557,640	1,081,175	10,450	11,970	22,420	
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	256	307	563	
Rate of ED visits per 1,000 population per year	357.2	328.5	341.5	404.3	352.3	375.9	382.1 (345.3-418.9)	354.9 (323.0-386.8)	366.8 (342.7-390.9)	1.07 H
% of the population with one or more ED visits per year	20.7	20.1	20.4	22.4	21.0	21.7	21.3 (17.4-25.3)	22.2 (18.6-25.8)	21.8 (19.2-24.5)	1.07 NS
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	277	417	694	
Rate of ED visits per 1,000 population per year	634.5	590.7	608.0	663.4	595.2	621.0	537.9 (494.8-580.9)	514.8 (480.4-549.2)	523.8 (496.9-550.7)	0.86 L
% of the population with one or more ED visits per year	34.1	33.4	33.7	34.8	33.1	33.7	30.7 (24.9-36.4)	28.8 (24.4-33.1)	29.5 (26.0-33.0)	0.88 L
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	3,084	3,534	6,618	
Rate of ED visits per 1,000 population per year	301.9	299.8	300.8	325.8	310.5	317.9	295.1 (282.7-307.5)	295.2 (283.6-306.8)	295.2 (286.7-303.7)	0.98 NS
Age-Adjusted rate of visits per 1,000 †	293.9	292.3	293.1	319.1	303.5	311.2	283.7 (275.2-292.2)	289.8 (281.8-297.9)	286.8 (280.9-292.6)	0.98 L
% of the population with one or more ED visits per year	18.9	19.0	18.9	19.5	19.2	19.3	19.0 (18.5-20.2)	19.4 (18.0-19.9)	19.2 (18.5-19.8)	1.01 NS
Age-Adjusted % of the population with an ED visit †	19.2	19.3	19.2	19.0	19.5	19.3	18.5 (17.7-19.2)	19.1 (18.4-19.8)	18.8 (18.3-19.4)	0.98 NS

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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	455	338	793	
# of Low Triage visits	10,135	8,471	18,606	4,310	3,726	8,036	150	113	263	
Ratio of low to high Triage visits	0.38	0.42	0.40	0.41	0.46	0.43	0.50 (0.41-0.58)	0.50 (0.40-0.61)	0.50 (0.43-0.56)	1.25 H
% of all ED visits that are Low Triage	27.4	29.4	28.3	28.5	31.3	29.7	33.0 (26.5-39.4)	33.4 (25.9-41.0)	33.2 (28.3-38.1)	1.17 H
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	508	475	983	
# of Low Triage visits	22,320	17,595	39,915	8,622	7,106	15,728	259	216	475	
Ratio of low to high Triage visits	0.79	0.69	0.75	0.73	0.66	0.70	1.04 (0.87-1.22)	0.84 (0.70-0.99)	0.94 (0.83-1.05)	1.26 H
% of all ED visits that are Low Triage	44.0	40.7	42.4	41.8	39.5	40.7	51.0 (42.1-59.9)	45.5 (37.3-53.7)	48.3 (42.3-54.4)	1.14 NS
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	806	1,157	1,963	
# of Low Triage visits	46,788	45,261	92,049	24,137	23,245	47,382	395	405	800	
Ratio of low to high Triage visits	0.70	0.52	0.60	0.69	0.58	0.63	0.97 (0.84-1.10)	0.55 (0.48-0.61)	0.70 (0.64-0.75)	1.16 H
% of all ED visits that are Low Triage	41.0	34.2	37.4	40.7	36.4	38.5	49.0 (42.2-55.8)	35.0 (30.8-39.2)	40.8 (37.1-44.4)	1.09 NS
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	782	840	1,622	
# of Low Triage visits	27,429	27,774	55,203	13,968	12,762	26,730	268	307	575	
Ratio of low to high Triage visits	0.45	0.46	0.45	0.45	0.47	0.46	0.53 (0.45-0.60)	0.58 (0.50-0.65)	0.55 (0.50-0.60)	1.22 H
% of all ED visits that are Low Triage	31.1	31.1	31.1	31.0	31.8	31.4	34.3 (29.2-39.3)	36.5 (31.4-41.7)	35.5 (31.8-39.1)	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	256	307	563	
# of Low Triage visits	6,215	7,807	14,022	2,844	3,278	6,122	61	87	148	
Ratio of low to high Triage visits	0.28	0.32	0.30	0.29	0.33	0.31	0.32 (0.24-0.41)	0.40 (0.31-0.50)	0.36 (0.30-0.43)	1.21 NS
% of all ED visits that are Low Triage	21.5	24.2	22.9	22.2	24.3	23.3	23.8 (17.0-30.7)	28.3 (21.3-35.4)	26.3 (21.4-31.2)	1.15 NS
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	277	417	694	
# of Low Triage visits	6,727	9,938	16,665	2,680	4,038	6,718	66	79	145	
Ratio of low to high Triage visits	0.19	0.19	0.19	0.18	0.19	0.19	0.32 (0.24-0.40)	0.24 (0.19-0.30)	0.27 (0.23-0.32)	1.43 H
% of all ED visits that are Low Triage	15.6	16.1	15.9	15.3	15.7	15.5	23.8 (17.2-30.4)	18.9 (14.3-23.6)	20.9 (17.1-24.7)	1.32 H
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	3,084	3,534	6,618	
# of Low Triage visits	119,614	116,846	236,460	56,561	54,155	110,716	1,199	1,207	2,406	
Ratio of low to high Triage visits	0.50	0.44	0.47	0.50	0.46	0.48	0.64 (0.60-0.69)	0.53 (0.49-0.56)	0.58 (0.55-0.61)	1.24 H
Age-Adjusted ratio of low to high Triage visits [‡]	0.61	0.51	0.55	0.60	0.53	0.56	0.83 (0.75-0.90)	0.59 (0.55-0.64)	0.67 (0.63-0.70)	1.21 H
% of all ED visits that are Low Triage	33.0	30.1	31.5	33.2	31.3	32.2	38.9 (36.1-41.7)	34.2 (31.8-36.5)	36.4 (34.5-38.2)	1.15 H
Age-Adjusted % of all ED visits that are Low Triage [†]	36.3	33.2	34.6	36.2	33.9	34.9	43.1 (40.1-46.1)	36.0 (33.7-38.4)	38.8 (37.0-40.6)	1.12 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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