

N90 – Junction Area Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			Junction Area			
	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	360	355	715	
Total Population Age 5-19	215,715	203,795	419,510	81,570	77,890	159,460	1,080	1,060	2,140	
Total Population Age 20-44	471,380	497,960	969,340	224,185	231,545	455,730	2,930	2,950	5,880	
Total Population Age 45-64	294,840	322,830	617,670	130,750	138,995	269,745	1,610	1,645	3,255	
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	273	208	481	
Rate of ED visits per 1,000 population per year	537.9	439.7	490.0	523.8	431.5	478.7	758.3 (714.1-802.6)	585.9 (534.7-637.2)	672.7 (638.3-707.1)	1.37 H
% of the population with one or more ED visits per year	34.1	29.2	31.7	33.2	28.6	31.0	48.6 (38.6-58.7)	38.0 (29.9-46.2)	43.4 (36.9-49.8)	1.37 H
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	348	344	692	
Rate of ED visits per 1,000 population per year	235.4	212.4	224.2	253.1	230.9	242.3	322.2 (294.4-350.1)	324.5 (296.3-352.7)	323.4 (303.5-343.2)	1.44 H
% of the population with one or more ED visits per year	17.3	15.0	16.2	18.3	15.8	17.1	21.7 (18.5-24.8)	21.8 (18.6-25.0)	21.7 (19.5-24.0)	1.34 H
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	879	1,023	1,902	
Rate of ED visits per 1,000 population per year	242.0	265.6	254.1	264.8	275.4	270.2	300.0 (283.4-316.6)	346.8 (329.6-364.0)	323.5 (311.5-335.4)	1.27 H
% of the population with one or more ED visits per year	15.6	16.9	16.3	16.3	17.3	16.8	18.1 (16.4-19.8)	20.9 (19.1-22.8)	19.5 (18.3-20.8)	1.20 H
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	638	565	1,203	
Rate of ED visits per 1,000 population per year	299.4	276.4	287.4	344.6	289.2	316.1	396.3 (372.4-420.2)	343.5 (320.5-366.4)	369.6 (353.0-386.2)	1.29 H
% of the population with one or more ED visits per year	17.8	17.6	17.7	18.9	17.6	18.2	21.4 (18.9-24.0)	20.4 (18.0-22.9)	20.9 (19.2-22.7)	1.18 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	305	335	640	
Total Population Age 75+	68,060	104,610	172,670	26,385	43,330	69,715	205	320	525	
Total Population	1,199,560	1,292,940	2,492,500	523,535	557,640	1,081,175	6,490	6,665	13,155	
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	118	156	274	
Rate of ED visits per 1,000 population per year	357.2	328.5	341.5	404.3	352.3	375.9	386.9 (332.2-441.5)	465.7 (412.3-519.1)	428.1 (389.8-466.5)	1.25 H
% of the population with one or more ED visits per year	20.7	20.1	20.4	22.4	21.0	21.7	23.3 (17.1-29.5)	24.5 (18.4-30.6)	23.9 (19.6-28.2)	1.17 NS
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	160	214	374	
Rate of ED visits per 1,000 population per year	634.5	590.7	608.0	663.4	595.2	621.0	780.5 (723.8-837.1)	668.8 (617.2-720.3)	712.4 (673.7-751.1)	1.17 H
% of the population with one or more ED visits per year	34.1	33.4	33.7	34.8	33.1	33.7	39.0 (28.1-50.0)	36.9 (28.5-45.2)	37.7 (31.1-44.4)	1.12 NS
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	2,416	2,510	4,926	
Rate of ED visits per 1,000 population per year	301.9	299.8	300.8	325.8	310.5	317.9	372.3 (353.5-391.0)	376.6 (357.9-395.3)	374.5 (361.2-387.7)	1.24 H
Age-Adjusted rate of visits per 1,000 †	293.9	292.3	293.1	319.1	303.5	311.2	382.0 (370.4-393.5)	386.5 (374.7-398.2)	384.2 (376.0-392.5)	1.31 H
% of the population with one or more ED visits per year	18.9	19.0	18.9	19.5	19.2	19.3	22.1 (21.5-24.1)	22.8 (20.8-23.4)	22.5 (21.6-23.4)	1.19 H
Age-Adjusted % of the population with an ED visit †	19.2	19.3	19.2	19.0	19.5	19.3	23.0 (22.0-24.0)	23.5 (22.5-24.6)	23.3 (22.5-24.0)	1.21 H

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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	273	208	481	
# of Low Triage visits	10,135	8,471	18,606	4,310	3,726	8,036	68	49	117	
Ratio of low to high Triage visits	0.38	0.42	0.40	0.41	0.46	0.43	0.34 (0.26-0.41)	0.31 (0.22-0.40)	0.32 (0.27-0.38)	0.81 L
% of all ED visits that are Low Triage	27.4	29.4	28.3	28.5	31.3	29.7	24.9 (18.1-31.7)	23.6 (16.0-31.1)	24.3 (19.3-29.4)	0.86 NS
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	348	344	692	
# of Low Triage visits	22,320	17,595	39,915	8,622	7,106	15,728	90	94	184	
Ratio of low to high Triage visits	0.79	0.69	0.75	0.73	0.66	0.70	0.35 (0.27-0.43)	0.38 (0.29-0.46)	0.36 (0.31-0.42)	0.49 L
% of all ED visits that are Low Triage	44.0	40.7	42.4	41.8	39.5	40.7	25.9 (19.7-32.1)	27.3 (20.8-33.8)	26.6 (22.1-31.1)	0.63 L
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	879	1,023	1,902	
# of Low Triage visits	46,788	45,261	92,049	24,137	23,245	47,382	313	312	625	
Ratio of low to high Triage visits	0.70	0.52	0.60	0.69	0.58	0.63	0.56 (0.48-0.63)	0.44 (0.39-0.49)	0.49 (0.45-0.53)	0.82 L
% of all ED visits that are Low Triage	41.0	34.2	37.4	40.7	36.4	38.5	35.6 (30.7-40.5)	30.5 (26.4-34.6)	32.9 (29.7-36.0)	0.88 L
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	638	565	1,203	
# of Low Triage visits	27,429	27,774	55,203	13,968	12,762	26,730	156	147	303	
Ratio of low to high Triage visits	0.45	0.46	0.45	0.45	0.47	0.46	0.33 (0.27-0.38)	0.36 (0.29-0.42)	0.34 (0.30-0.38)	0.75 L
% of all ED visits that are Low Triage	31.1	31.1	31.1	31.0	31.8	31.4	24.5 (20.0-28.9)	26.0 (21.1-30.9)	25.2 (21.9-28.5)	0.81 L

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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	118	156	274	
# of Low Triage visits	6,215	7,807	14,022	2,844	3,278	6,122	18*	39	57	
Ratio of low to high Triage visits	0.28	0.32	0.30	0.29	0.33	0.31	0.18* (0.10-0.27)	0.34 (0.23-0.45)	0.27 (0.19-0.34)	0.88 NS
% of all ED visits that are Low Triage	21.5	24.2	22.9	22.2	24.3	23.3	15.3* (7.6-22.9)	25.0 (15.9-34.1)	20.8 (14.7-26.9)	0.91 NS
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	160	214	374	
# of Low Triage visits	6,727	9,938	16,665	2,680	4,038	6,718	13*	33	46	
Ratio of low to high Triage visits	0.19	0.19	0.19	0.18	0.19	0.19	0.09* (0.04-0.14)	0.18 (0.12-0.25)	0.14 (0.10-0.18)	0.74 L
% of all ED visits that are Low Triage	15.6	16.1	15.9	15.3	15.7	15.5	8.1* (3.5-12.7)	15.4 (9.7-21.1)	12.3 (8.5-16.1)	0.77 NS
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	2,416	2,510	4,926	
# of Low Triage visits	119,614	116,846	236,460	56,561	54,155	110,716	658	674	1,332	
Ratio of low to high Triage visits	0.50	0.44	0.47	0.50	0.46	0.48	0.38 (0.35-0.41)	0.37 (0.34-0.40)	0.37 (0.35-0.39)	0.80 L
Age-Adjusted ratio of low to high Triage visits ‡	0.61	0.51	0.55	0.60	0.53	0.56	0.41 (0.38-0.45)	0.38 (0.35-0.42)	0.40 (0.37-0.42)	0.72 L
% of all ED visits that are Low Triage	33.0	30.1	31.5	33.2	31.3	32.2	27.2 (24.8-29.7)	26.9 (24.5-29.2)	27.0 (25.3-28.7)	0.86 L
Age-Adjusted % of all ED visits that are Low Triage †	36.3	33.2	34.6	36.2	33.9	34.9	28.2 (25.9-30.6)	27.3 (25.1-29.5)	27.8 (26.2-29.4)	0.80 L

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[±] All unscheduled ED visits. Data source: National Ambulatory Care Reporting System (NACRS), Canadian Institute for Health Information (CIHI).

[‡] Ratios of low to high Triage visits are age-adjusted using the 1991 Canada population as the standard population.

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