

N87 – High Park-Swansea Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			High Park-Swansea			
	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	500	520	1,020	
Total Population Age 5-19	215,715	203,795	419,510	81,570	77,890	159,460	1,260	1,385	2,645	
Total Population Age 20-44	471,380	497,960	969,340	224,185	231,545	455,730	3,680	4,175	7,855	
Total Population Age 45-64	294,840	322,830	617,670	130,750	138,995	269,745	2,520	2,720	5,240	
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	324	314	638	
Rate of ED visits per 1,000 population per year	537.9	439.7	490.0	523.8	431.5	478.7	648.0 (606.1-689.9)	603.8 (561.8-645.9)	625.5 (595.8-655.2)	1.28 H
% of the population with one or more ED visits per year	34.1	29.2	31.7	33.2	28.6	31.0	42.6 (35.0-50.2)	38.1 (31.3-44.8)	40.3 (35.3-45.3)	1.27 H
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	493	422	915	
Rate of ED visits per 1,000 population per year	235.4	212.4	224.2	253.1	230.9	242.3	391.3 (364.3-418.2)	304.7 (280.5-328.9)	345.9 (327.8-364.1)	1.54 H
% of the population with one or more ED visits per year	17.3	15.0	16.2	18.3	15.8	17.1	28.2 (24.7-31.6)	22.0 (19.2-24.8)	25.0 (22.8-27.2)	1.54 H
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	1,016	1,264	2,280	
Rate of ED visits per 1,000 population per year	242.0	265.6	254.1	264.8	275.4	270.2	276.1 (261.6-290.5)	302.8 (288.8-316.7)	290.3 (280.2-300.3)	1.14 H
% of the population with one or more ED visits per year	15.6	16.9	16.3	16.3	17.3	16.8	17.9 (16.3-19.4)	19.8 (18.3-21.3)	18.9 (17.8-19.9)	1.16 H
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	816	900	1,716	
Rate of ED visits per 1,000 population per year	299.4	276.4	287.4	344.6	289.2	316.1	323.8 (305.5-342.1)	330.9 (313.2-348.6)	327.5 (314.8-340.2)	1.14 H
% of the population with one or more ED visits per year	17.8	17.6	17.7	18.9	17.6	18.2	18.6 (16.7-20.4)	18.9 (17.1-20.8)	18.8 (17.5-20.1)	1.06 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	570	775	1,345	
Total Population Age 75+	68,060	104,610	172,670	26,385	43,330	69,715	670	1,330	2,000	
Total Population	1,199,560	1,292,940	2,492,500	523,535	557,640	1,081,175	9,200	10,905	20,105	
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	227	245	472	
Rate of ED visits per 1,000 population per year	357.2	328.5	341.5	404.3	352.3	375.9	398.2 (358.1-438.4)	316.1 (283.4-348.9)	350.9 (325.4-376.4)	1.03 NS
% of the population with one or more ED visits per year	20.7	20.1	20.4	22.4	21.0	21.7	23.7 (19.1-28.3)	19.4 (15.9-22.8)	21.2 (18.4-24.0)	1.04 NS
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	454	894	1,348	
Rate of ED visits per 1,000 population per year	634.5	590.7	608.0	663.4	595.2	621.0	677.6 (642.2-713.0)	672.2 (647.0-697.4)	674.0 (653.5-694.5)	1.11 H
% of the population with one or more ED visits per year	34.1	33.4	33.7	34.8	33.1	33.7	34.6 (29.1-40.1)	36.3 (32.3-40.4)	35.8 (32.5-39.0)	1.06 NS
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	3,330	4,039	7,369	
Rate of ED visits per 1,000 population per year	301.9	299.8	300.8	325.8	310.5	317.9	362.0 (346.6-377.3)	370.4 (356.0-384.8)	366.5 (356.0-377.0)	1.22 H
Age-Adjusted rate of visits per 1,000 †	293.9	292.3	293.1	319.1	303.5	311.2	359.3 (349.2-369.5)	350.5 (341.3-359.8)	354.9 (348.0-361.7)	1.21 H
% of the population with one or more ED visits per year	18.9	19.0	18.9	19.5	19.2	19.3	22.4 (21.7-23.7)	22.7 (21.3-23.5)	22.6 (21.8-23.3)	1.19 H
Age-Adjusted % of the population with an ED visit †	19.2	19.3	19.2	19.0	19.5	19.3	22.9 (22.0-23.8)	22.3 (21.5-23.1)	22.5 (21.9-23.1)	1.17 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	324	314	638	
# of Low Triage visits	10,135	8,471	18,606	4,310	3,726	8,036	71	69	140	
Ratio of low to high Triage visits	0.38	0.42	0.40	0.41	0.46	0.43	0.28 (0.22-0.35)	0.28 (0.22-0.35)	0.28 (0.24-0.33)	0.71 L
% of all ED visits that are Low Triage	27.4	29.4	28.3	28.5	31.3	29.7	21.9 (16.1-27.7)	22.0 (16.1-27.8)	21.9 (17.8-26.1)	0.78 L
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	493	422	915	
# of Low Triage visits	22,320	17,595	39,915	8,622	7,106	15,728	177	128	305	
Ratio of low to high Triage visits	0.79	0.69	0.75	0.73	0.66	0.70	0.57 (0.47-0.66)	0.44 (0.35-0.52)	0.50 (0.44-0.57)	0.68 L
% of all ED visits that are Low Triage	44.0	40.7	42.4	41.8	39.5	40.7	35.9 (29.3-42.5)	30.3 (24.0-36.6)	33.3 (28.8-37.9)	0.79 L
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	1,016	1,264	2,280	
# of Low Triage visits	46,788	45,261	92,049	24,137	23,245	47,382	342	393	735	
Ratio of low to high Triage visits	0.70	0.52	0.60	0.69	0.58	0.63	0.51 (0.45-0.57)	0.45 (0.40-0.50)	0.48 (0.44-0.52)	0.80 L
% of all ED visits that are Low Triage	41.0	34.2	37.4	40.7	36.4	38.5	33.7 (29.3-38.0)	31.1 (27.4-34.8)	32.2 (29.4-35.1)	0.86 L
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	816	900	1,716	
# of Low Triage visits	27,429	27,774	55,203	13,968	12,762	26,730	213	277	490	
Ratio of low to high Triage visits	0.45	0.46	0.45	0.45	0.47	0.46	0.36 (0.30-0.41)	0.45 (0.39-0.51)	0.40 (0.36-0.44)	0.89 L
% of all ED visits that are Low Triage	31.1	31.1	31.1	31.0	31.8	31.4	26.1 (22.0-30.2)	30.8 (26.4-35.1)	28.6 (25.6-31.5)	0.92 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	227	245	472	
# of Low Triage visits	6,215	7,807	14,022	2,844	3,278	6,122	52	49	101	
Ratio of low to high Triage visits	0.28	0.32	0.30	0.29	0.33	0.31	0.31 (0.22-0.39)	0.25 (0.18-0.33)	0.28 (0.22-0.33)	0.92 NS
% of all ED visits that are Low Triage	21.5	24.2	22.9	22.2	24.3	23.3	22.9 (15.8-30.0)	20.0 (13.7-26.3)	21.4 (16.7-26.1)	0.93 NS
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	454	894	1,348	
# of Low Triage visits	6,727	9,938	16,665	2,680	4,038	6,718	54	121	175	
Ratio of low to high Triage visits	0.19	0.19	0.19	0.18	0.19	0.19	0.14 (0.10-0.17)	0.16 (0.13-0.19)	0.15 (0.13-0.17)	0.79 L
% of all ED visits that are Low Triage	15.6	16.1	15.9	15.3	15.7	15.5	11.9 (8.5-15.3)	13.5 (10.9-16.1)	13.0 (10.9-15.0)	0.82 L
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	3,330	4,039	7,369	
# of Low Triage visits	119,614	116,846	236,460	56,561	54,155	110,716	909	1,037	1,946	
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)	0.35 (0.33-0.37)	0.36 (0.34-0.38)	0.78 L
Age-Adjusted ratio of low to high Triage visits ‡	0.61	0.51	0.55	0.60	0.53	0.56	0.46 (0.42-0.50)	0.42 (0.39-0.45)	0.44 (0.41-0.46)	0.79 L
% of all ED visits that are Low Triage	33.0	30.1	31.5	33.2	31.3	32.2	27.3 (25.2-29.4)	25.7 (23.9-27.5)	26.4 (25.0-27.8)	0.84 L
Age-Adjusted % of all ED visits that are Low Triage †	36.3	33.2	34.6	36.2	33.9	34.9	30.6 (28.3-32.8)	28.9 (26.9-31.0)	29.7 (28.2-31.2)	0.86 L

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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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