

N8 – Humber Heights-Westmount Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			Humber Heights-Westmount			
	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	235	270	505	
Total Population Age 5-19	215,715	203,795	419,510	81,570	77,890	159,460	800	830	1,630	
Total Population Age 20-44	471,380	497,960	969,340	224,185	231,545	455,730	1,445	1,585	3,030	
Total Population Age 45-64	294,840	322,830	617,670	130,750	138,995	269,745	1,125	1,265	2,390	
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	139	118	257	
Rate of ED visits per 1,000 population per year	537.9	439.7	490.0	523.8	431.5	478.7	591.5 (528.6-654.3)	437.0 (377.9-496.2)	508.9 (465.3-552.5)	1.04 NS
% of the population with one or more ED visits per year	34.1	29.2	31.7	33.2	28.6	31.0	38.7 (28.6-48.9)	29.3 (21.6-36.9)	33.7 (27.5-39.9)	1.06 NS
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	210	201	411	
Rate of ED visits per 1,000 population per year	235.4	212.4	224.2	253.1	230.9	242.3	262.5 (232.0-293.0)	242.2 (213.0-271.3)	252.1 (231.1-273.2)	1.12 H
% of the population with one or more ED visits per year	17.3	15.0	16.2	18.3	15.8	17.1	19.8 (16.3-23.2)	15.2 (12.3-18.1)	17.4 (15.2-19.7)	1.08 NS
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	389	476	865	
Rate of ED visits per 1,000 population per year	242.0	265.6	254.1	264.8	275.4	270.2	269.2 (246.3-292.1)	300.3 (277.7-322.9)	285.5 (269.4-301.6)	1.12 H
% of the population with one or more ED visits per year	15.6	16.9	16.3	16.3	17.3	16.8	18.8 (16.3-21.3)	20.1 (17.7-22.6)	19.5 (17.8-21.3)	1.20 H
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	353	352	705	
Rate of ED visits per 1,000 population per year	299.4	276.4	287.4	344.6	289.2	316.1	313.8 (286.7-340.9)	278.3 (253.6-303.0)	295.0 (276.7-313.3)	1.03 NS
% of the population with one or more ED visits per year	17.8	17.6	17.7	18.9	17.6	18.2	20.3 (17.3-23.2)	18.4 (15.8-21.0)	19.3 (17.3-21.2)	1.09 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	450	640	1,090	
Total Population Age 75+	68,060	104,610	172,670	26,385	43,330	69,715	650	1,225	1,875	
Total Population	1,199,560	1,292,940	2,492,500	523,535	557,640	1,081,175	4,705	5,815	10,520	
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	162	216	378	
Rate of ED visits per 1,000 population per year	357.2	328.5	341.5	404.3	352.3	375.9	360.0 (315.7-404.3)	337.5 (300.9-374.1)	346.8 (318.5-375.0)	1.02 NS
% of the population with one or more ED visits per year	20.7	20.1	20.4	22.4	21.0	21.7	17.1 (12.9-21.3)	19.5 (15.7-23.3)	18.5 (15.7-21.4)	0.91 NS
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	457	819	1,276	
Rate of ED visits per 1,000 population per year	634.5	590.7	608.0	663.4	595.2	621.0	703.1 (668.0-738.2)	668.6 (642.2-694.9)	680.5 (659.4-701.6)	1.12 H
% of the population with one or more ED visits per year	34.1	33.4	33.7	34.8	33.1	33.7	37.7 (31.7-43.7)	38.2 (33.8-42.6)	38.0 (34.5-41.6)	1.13 H
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	1,710	2,182	3,892	
Rate of ED visits per 1,000 population per year	301.9	299.8	300.8	325.8	310.5	317.9	363.4 (341.9-385.0)	375.2 (355.3-395.2)	370.0 (355.3-384.6)	1.23 H
Age-Adjusted rate of visits per 1,000 †	293.9	292.3	293.1	319.1	303.5	311.2	321.0 (306.8-335.2)	323.6 (310.4-336.8)	322.3 (312.6-332.0)	1.10 H
% of the population with one or more ED visits per year	18.9	19.0	18.9	19.5	19.2	19.3	22.8 (21.8-24.6)	23.2 (21.2-24.3)	23.0 (22.0-24.1)	1.22 H
Age-Adjusted % of the population with an ED visit †	19.2	19.3	19.2	19.0	19.5	19.3	21.4 (20.1-22.7)	20.7 (19.5-21.8)	21.0 (20.1-21.8)	1.09 H

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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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	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	139	118	257	
# of Low Triage visits	10,135	8,471	18,606	4,310	3,726	8,036	31	31	62	
Ratio of low to high Triage visits	0.38	0.42	0.40	0.41	0.46	0.43	0.29 (0.19-0.40)	0.36 (0.23-0.50)	0.32 (0.24-0.41)	0.81 NS
% of all ED visits that are Low Triage	27.4	29.4	28.3	28.5	31.3	29.7	22.3 (13.4-31.2)	26.3 (15.5-37.0)	24.1 (17.2-31.0)	0.85 NS
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	210	201	411	
# of Low Triage visits	22,320	17,595	39,915	8,622	7,106	15,728	93	69	162	
Ratio of low to high Triage visits	0.79	0.69	0.75	0.73	0.66	0.70	0.81 (0.60-1.02)	0.53 (0.39-0.68)	0.66 (0.54-0.79)	0.89 NS
% of all ED visits that are Low Triage	44.0	40.7	42.4	41.8	39.5	40.7	44.3 (32.2-56.3)	34.3 (24.3-44.3)	39.4 (31.6-47.2)	0.93 NS
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	389	476	865	
# of Low Triage visits	46,788	45,261	92,049	24,137	23,245	47,382	125	134	259	
Ratio of low to high Triage visits	0.70	0.52	0.60	0.69	0.58	0.63	0.47 (0.38-0.57)	0.39 (0.32-0.47)	0.43 (0.37-0.49)	0.71 L
% of all ED visits that are Low Triage	41.0	34.2	37.4	40.7	36.4	38.5	32.1 (25.3-39.0)	28.2 (22.5-33.8)	29.9 (25.6-34.3)	0.80 L
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	353	352	705	
# of Low Triage visits	27,429	27,774	55,203	13,968	12,762	26,730	107	85	192	
Ratio of low to high Triage visits	0.45	0.46	0.45	0.45	0.47	0.46	0.44 (0.34-0.53)	0.32 (0.25-0.40)	0.38 (0.32-0.44)	0.83 L
% of all ED visits that are Low Triage	31.1	31.1	31.1	31.0	31.8	31.4	30.3 (23.4-37.2)	24.1 (18.3-30.0)	27.2 (22.7-31.8)	0.88 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	162	216	378	
# of Low Triage visits	6,215	7,807	14,022	2,844	3,278	6,122	36	39	75	
Ratio of low to high Triage visits	0.28	0.32	0.30	0.29	0.33	0.31	0.29 (0.19-0.38)	0.22 (0.15-0.30)	0.25 (0.19-0.31)	0.83 NS
% of all ED visits that are Low Triage	21.5	24.2	22.9	22.2	24.3	23.3	22.2 (14.0-30.5)	18.1 (11.8-24.3)	19.8 (14.8-24.9)	0.86 NS
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	457	819	1,276	
# of Low Triage visits	6,727	9,938	16,665	2,680	4,038	6,718	53	95	148	
Ratio of low to high Triage visits	0.19	0.19	0.19	0.18	0.19	0.19	0.13 (0.10-0.17)	0.13 (0.11-0.16)	0.13 (0.11-0.15)	0.69 L
% of all ED visits that are Low Triage	15.6	16.1	15.9	15.3	15.7	15.5	11.6 (8.3-14.9)	11.6 (9.1-14.1)	11.6 (9.6-13.6)	0.73 L
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	1,710	2,182	3,892	
# of Low Triage visits	119,614	116,846	236,460	56,561	54,155	110,716	445	453	898	
Ratio of low to high Triage visits	0.50	0.44	0.47	0.50	0.46	0.48	0.35 (0.32-0.39)	0.26 (0.24-0.29)	0.30 (0.28-0.32)	0.65 L
Age-Adjusted ratio of low to high Triage visits [‡]	0.61	0.51	0.55	0.60	0.53	0.56	0.52 (0.45-0.59)	0.38 (0.33-0.43)	0.43 (0.40-0.47)	0.79 L
% of all ED visits that are Low Triage	33.0	30.1	31.5	33.2	31.3	32.2	26.0 (23.2-28.8)	20.8 (18.6-22.9)	23.1 (21.4-24.8)	0.73 L
Age-Adjusted % of all ED visits that are Low Triage [†]	36.3	33.2	34.6	36.2	33.9	34.9	33.0 (29.3-36.8)	26.5 (23.5-29.5)	29.4 (27.0-31.8)	0.85 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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