

N136 – West Hill Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			West Hill			
	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	750	720	1,470	
Total Population Age 5-19	215,715	203,795	419,510	81,570	77,890	159,460	2,735	2,665	5,400	
Total Population Age 20-44	471,380	497,960	969,340	224,185	231,545	455,730	4,015	4,675	8,690	
Total Population Age 45-64	294,840	322,830	617,670	130,750	138,995	269,745	3,120	3,555	6,675	
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	451	302	753	
Rate of ED visits per 1,000 population per year	537.9	439.7	490.0	523.8	431.5	478.7	601.3 (566.3-636.4)	419.4 (383.4-455.5)	512.2 (486.7-537.8)	1.05 NS
% of the population with one or more ED visits per year	34.1	29.2	31.7	33.2	28.6	31.0	35.6 (30.3-40.9)	28.6 (24.0-33.2)	32.2 (28.7-35.7)	1.01 NS
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	665	546	1,211	
Rate of ED visits per 1,000 population per year	235.4	212.4	224.2	253.1	230.9	242.3	243.1 (227.1-259.2)	204.9 (189.6-220.2)	224.3 (213.1-235.4)	1.00 NS
% of the population with one or more ED visits per year	17.3	15.0	16.2	18.3	15.8	17.1	18.8 (17.0-20.6)	14.3 (12.8-15.9)	16.6 (15.4-17.8)	1.03 NS
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	1,192	1,617	2,809	
Rate of ED visits per 1,000 population per year	242.0	265.6	254.1	264.8	275.4	270.2	296.9 (282.8-311.0)	345.9 (332.2-359.5)	323.2 (313.4-333.1)	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	18.7 (17.2-20.2)	20.8 (19.3-22.3)	19.8 (18.8-20.9)	1.22 H
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	1,096	1,205	2,301	
Rate of ED visits per 1,000 population per year	299.4	276.4	287.4	344.6	289.2	316.1	351.3 (334.5-368.0)	339.0 (323.4-354.5)	344.7 (333.5-356.3)	1.20 H
% of the population with one or more ED visits per year	17.8	17.6	17.7	18.9	17.6	18.2	20.2 (18.5-22.0)	20.1 (18.5-21.8)	20.2 (19.0-21.4)	1.14 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	845	975	1,820	
Total Population Age 75+	68,060	104,610	172,670	26,385	43,330	69,715	505	995	1,500	
Total Population	1,199,560	1,292,940	2,492,500	523,535	557,640	1,081,175	11,970	13,585	25,555	
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	362	371	733	
Rate of ED visits per 1,000 population per year	357.2	328.5	341.5	404.3	352.3	375.9	428.4 (395.0-461.8)	380.5 (350.0-411.0)	402.7 (380.2-425.3)	1.18 H
% of the population with one or more ED visits per year	20.7	20.1	20.4	22.4	21.0	21.7	23.4 (19.7-27.2)	23.5 (20.0-27.0)	23.5 (20.9-26.0)	1.15 H
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	285	571	856	
Rate of ED visits per 1,000 population per year	634.5	590.7	608.0	663.4	595.2	621.0	564.4 (521.1-607.6)	573.9 (543.1-604.6)	570.7 (545.6-595.7)	0.94 L
% of the population with one or more ED visits per year	34.1	33.4	33.7	34.8	33.1	33.7	32.3 (26.3-38.3)	33.7 (29.2-38.1)	33.2 (29.6-36.8)	0.99 NS
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	4,051	4,612	8,663	
Rate of ED visits per 1,000 population per year	301.9	299.8	300.8	325.8	310.5	317.9	338.4 (325.6-351.2)	339.5 (327.4-351.5)	339.0 (330.3-347.8)	1.13 H
Age-Adjusted rate of visits per 1,000 †	293.9	292.3	293.1	319.1	303.5	311.2	334.5 (326.0-343.1)	338.6 (330.6-346.6)	336.6 (330.7-342.5)	1.15 H
% of the population with one or more ED visits per year	18.9	19.0	18.9	19.5	19.2	19.3	21.1 (20.0-21.8)	20.9 (20.2-22.0)	21.0 (20.4-21.6)	1.11 H
Age-Adjusted % of the population with an ED visit †	19.2	19.3	19.2	19.0	19.5	19.3	21.0 (20.3-21.8)	20.9 (20.2-21.6)	21.0 (20.5-21.5)	1.09 H

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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	451	302	753	
# of Low Triage visits	10,135	8,471	18,606	4,310	3,726	8,036	131	96	227	
Ratio of low to high Triage visits	0.38	0.42	0.40	0.41	0.46	0.43	0.41 (0.34-0.48)	0.47 (0.36-0.57)	0.43 (0.37-0.49)	1.08 NS
% of all ED visits that are Low Triage	27.4	29.4	28.3	28.5	31.3	29.7	29.0 (23.1-35.0)	31.8 (24.1-39.5)	30.1 (25.5-34.8)	1.07 NS
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	665	546	1,211	
# of Low Triage visits	22,320	17,595	39,915	8,622	7,106	15,728	304	241	545	
Ratio of low to high Triage visits	0.79	0.69	0.75	0.73	0.66	0.70	0.85 (0.73-0.97)	0.80 (0.67-0.93)	0.83 (0.74-0.91)	1.11 NS
% of all ED visits that are Low Triage	44.0	40.7	42.4	41.8	39.5	40.7	45.7 (38.7-52.7)	44.1 (36.7-51.6)	45.0 (39.9-50.1)	1.06 NS
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	1,192	1,617	2,809	
# of Low Triage visits	46,788	45,261	92,049	24,137	23,245	47,382	542	615	1,157	
Ratio of low to high Triage visits	0.70	0.52	0.60	0.69	0.58	0.63	0.84 (0.75-0.92)	0.62 (0.56-0.68)	0.70 (0.66-0.75)	1.17 H
% of all ED visits that are Low Triage	41.0	34.2	37.4	40.7	36.4	38.5	45.5 (40.3-50.7)	38.0 (34.2-41.9)	41.2 (38.1-44.3)	1.10 H
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	1,096	1,205	2,301	
# of Low Triage visits	27,429	27,774	55,203	13,968	12,762	26,730	326	379	705	
Ratio of low to high Triage visits	0.45	0.46	0.45	0.45	0.47	0.46	0.43 (0.38-0.48)	0.47 (0.41-0.52)	0.45 (0.41-0.48)	0.98 NS
% of all ED visits that are Low Triage	31.1	31.1	31.1	31.0	31.8	31.4	29.7 (25.9-33.6)	31.5 (27.6-35.3)	30.6 (27.9-33.3)	0.98 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	362	371	733	
# of Low Triage visits	6,215	7,807	14,022	2,844	3,278	6,122	77	98	175	
Ratio of low to high Triage visits	0.28	0.32	0.30	0.29	0.33	0.31	0.28 (0.21-0.34)	0.36 (0.28-0.44)	0.32 (0.27-0.37)	1.05 NS
% of all ED visits that are Low Triage	21.5	24.2	22.9	22.2	24.3	23.3	21.3 (15.9-26.6)	26.4 (20.3-32.5)	23.9 (19.8-27.9)	1.04 NS
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	285	571	856	
# of Low Triage visits	6,727	9,938	16,665	2,680	4,038	6,718	45	99	144	
Ratio of low to high Triage visits	0.19	0.19	0.19	0.18	0.19	0.19	0.19 (0.13-0.25)	0.22 (0.17-0.26)	0.21 (0.17-0.24)	1.08 NS
% of all ED visits that are Low Triage	15.6	16.1	15.9	15.3	15.7	15.5	15.8 (10.8-20.8)	17.3 (13.6-21.1)	16.8 (13.8-19.8)	1.06 NS
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	4,051	4,612	8,663	
# of Low Triage visits	119,614	116,846	236,460	56,561	54,155	110,716	1,425	1,528	2,953	
Ratio of low to high Triage visits	0.50	0.44	0.47	0.50	0.46	0.48	0.55 (0.51-0.58)	0.50 (0.47-0.53)	0.52 (0.50-0.54)	1.12 H
Age-Adjusted ratio of low to high Triage visits ‡	0.61	0.51	0.55	0.60	0.53	0.56	0.67 (0.62-0.72)	0.58 (0.54-0.61)	0.61 (0.58-0.64)	1.11 H
% of all ED visits that are Low Triage	33.0	30.1	31.5	33.2	31.3	32.2	35.2 (32.9-37.4)	33.1 (31.1-35.2)	34.1 (32.6-35.6)	1.08 H
Age-Adjusted % of all ED visits that are Low Triage †	36.3	33.2	34.6	36.2	33.9	34.9	38.5 (36.2-40.8)	35.5 (33.5-37.6)	36.7 (35.2-38.3)	1.06 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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