

N1 – West Humber-Clairville Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			West Humber-Clairville			
	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	1,060	960	2,020	
Total Population Age 5-19	215,715	203,795	419,510	81,570	77,890	159,460	3,455	3,155	6,610	
Total Population Age 20-44	471,380	497,960	969,340	224,185	231,545	455,730	6,400	6,060	12,460	
Total Population Age 45-64	294,840	322,830	617,670	130,750	138,995	269,745	3,670	3,845	7,515	
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	605	375	980	
Rate of ED visits per 1,000 population per year	537.9	439.7	490.0	523.8	431.5	478.7	570.8 (541.0-600.6)	390.6 (359.8-421.5)	485.1 (463.4-506.9)	0.99 NS
% of the population with one or more ED visits per year	34.1	29.2	31.7	33.2	28.6	31.0	35.5 (31.0-39.9)	27.7 (23.8-31.6)	31.8 (28.8-34.8)	1.00 NS
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	734	652	1,386	
Rate of ED visits per 1,000 population per year	235.4	212.4	224.2	253.1	230.9	242.3	212.4 (198.8-226.1)	206.7 (192.5-220.8)	209.7 (199.9-219.5)	0.94 L
% of the population with one or more ED visits per year	17.3	15.0	16.2	18.3	15.8	17.1	16.6 (15.1-18.1)	15.2 (13.7-16.7)	15.9 (14.9-17.0)	0.99 NS
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	1,956	2,045	4,001	
Rate of ED visits per 1,000 population per year	242.0	265.6	254.1	264.8	275.4	270.2	305.6 (294.3-316.9)	337.5 (325.6-349.4)	321.1 (312.9-329.3)	1.26 H
% of the population with one or more ED visits per year	15.6	16.9	16.3	16.3	17.3	16.8	16.9 (15.8-18.0)	19.9 (18.6-21.2)	18.4 (17.5-19.2)	1.13 H
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	1,246	1,181	2,427	
Rate of ED visits per 1,000 population per year	299.4	276.4	287.4	344.6	289.2	316.1	339.5 (324.2-354.8)	307.2 (292.6-321.7)	323.0 (312.4-333.5)	1.12 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 (18.5-21.8)	20.5 (18.9-22.1)	20.3 (19.2-21.5)	1.15 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	1,015	1,180	2,195	
Total Population Age 75+	68,060	104,610	172,670	26,385	43,330	69,715	640	780	1,420	
Total Population	1,199,560	1,292,940	2,492,500	523,535	557,640	1,081,175	16,240	15,980	32,220	
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	391	427	818	
Rate of ED visits per 1,000 population per year	357.2	328.5	341.5	404.3	352.3	375.9	385.2 (355.3-415.2)	361.9 (334.4-389.3)	372.7 (352.4-392.9)	1.09 H
% of the population with one or more ED visits per year	20.7	20.1	20.4	22.4	21.0	21.7	24.5 (21.0-28.0)	22.5 (19.4-25.5)	23.4 (21.1-25.7)	1.15 H
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	521	542	1,063	
Rate of ED visits per 1,000 population per year	634.5	590.7	608.0	663.4	595.2	621.0	814.1 (783.9-844.2)	694.9 (662.6-727.2)	748.6 (726.0-771.2)	1.23 H
% of the population with one or more ED visits per year	34.1	33.4	33.7	34.8	33.1	33.7	43.8 (36.9-50.6)	39.9 (34.2-45.6)	41.6 (37.2-46.0)	1.24 H
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	5,453	5,222	10,675	
Rate of ED visits per 1,000 population per year	301.9	299.8	300.8	325.8	310.5	317.9	335.8 (324.8-346.7)	326.8 (316.0-337.6)	331.3 (323.6-339.0)	1.10 H
Age-Adjusted rate of visits per 1,000 †	293.9	292.3	293.1	319.1	303.5	311.2	335.2 (328.1-342.3)	332.5 (325.4-339.7)	333.9 (328.8-338.9)	1.14 H
% of the population with one or more ED visits per year	18.9	19.0	18.9	19.5	19.2	19.3	20.3 (20.0-21.5)	20.8 (19.6-21.1)	20.5 (20.0-21.1)	1.08 H
Age-Adjusted % of the population with an ED visit †	19.2	19.3	19.2	19.0	19.5	19.3	20.3 (19.7-20.9)	21.0 (20.4-21.6)	20.7 (20.2-21.1)	1.07 H

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

† 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	605	375	980	
# of Low Triage visits	10,135	8,471	18,606	4,310	3,726	8,036	142	67	209	
Ratio of low to high Triage visits	0.38	0.42	0.40	0.41	0.46	0.43	0.31 (0.26-0.36)	0.22 (0.16-0.27)	0.27 (0.23-0.31)	0.68 L
% of all ED visits that are Low Triage	27.4	29.4	28.3	28.5	31.3	29.7	23.5 (19.1-27.9)	17.9 (13.1-22.6)	21.3 (18.1-24.6)	0.75 L
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	734	652	1,386	
# of Low Triage visits	22,320	17,595	39,915	8,622	7,106	15,728	281	181	462	
Ratio of low to high Triage visits	0.79	0.69	0.75	0.73	0.66	0.70	0.63 (0.54-0.72)	0.39 (0.32-0.45)	0.50 (0.45-0.56)	0.68 L
% of all ED visits that are Low Triage	44.0	40.7	42.4	41.8	39.5	40.7	38.3 (32.6-44.0)	27.8 (23.0-32.5)	33.3 (29.6-37.1)	0.79 L
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	1,956	2,045	4,001	
# of Low Triage visits	46,788	45,261	92,049	24,137	23,245	47,382	660	482	1,142	
Ratio of low to high Triage visits	0.70	0.52	0.60	0.69	0.58	0.63	0.51 (0.47-0.56)	0.31 (0.28-0.34)	0.40 (0.38-0.43)	0.67 L
% of all ED visits that are Low Triage	41.0	34.2	37.4	40.7	36.4	38.5	33.7 (30.6-36.9)	23.6 (21.2-26.0)	28.5 (26.6-30.5)	0.76 L
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	1,246	1,181	2,427	
# of Low Triage visits	27,429	27,774	55,203	13,968	12,762	26,730	334	261	595	
Ratio of low to high Triage visits	0.45	0.46	0.45	0.45	0.47	0.46	0.37 (0.33-0.41)	0.28 (0.25-0.32)	0.33 (0.30-0.35)	0.72 L
% of all ED visits that are Low Triage	31.1	31.1	31.1	31.0	31.8	31.4	26.8 (23.4-30.2)	22.1 (19.1-25.1)	24.5 (22.2-26.8)	0.79 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.

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

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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	391	427	818	
# of Low Triage visits	6,215	7,807	14,022	2,844	3,278	6,122	56	86	142	
Ratio of low to high Triage visits	0.28	0.32	0.30	0.29	0.33	0.31	0.17 (0.12-0.21)	0.25 (0.20-0.31)	0.21 (0.17-0.25)	0.70 L
% of all ED visits that are Low Triage	21.5	24.2	22.9	22.2	24.3	23.3	14.3 (10.3-18.4)	20.1 (15.4-24.9)	17.4 (14.2-20.5)	0.76 L
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	521	542	1,063	
# of Low Triage visits	6,727	9,938	16,665	2,680	4,038	6,718	42	54	96	
Ratio of low to high Triage visits	0.19	0.19	0.19	0.18	0.19	0.19	0.09 (0.06-0.11)	0.11 (0.08-0.14)	0.10 (0.08-0.12)	0.52 L
% of all ED visits that are Low Triage	15.6	16.1	15.9	15.3	15.7	15.5	8.1 (5.5-10.6)	10.0 (7.2-12.8)	9.0 (7.1-10.9)	0.57 L
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	5,453	5,222	10,675	
# of Low Triage visits	119,614	116,846	236,460	56,561	54,155	110,716	1,515	1,131	2,646	
Ratio of low to high Triage visits	0.50	0.44	0.47	0.50	0.46	0.48	0.39 (0.37-0.41)	0.28 (0.26-0.29)	0.33 (0.32-0.34)	0.71 L
Age-Adjusted ratio of low to high Triage visits [‡]	0.61	0.51	0.55	0.60	0.53	0.56	0.47 (0.44-0.50)	0.30 (0.28-0.32)	0.38 (0.36-0.39)	0.68 L
% of all ED visits that are Low Triage	33.0	30.1	31.5	33.2	31.3	32.2	27.8 (26.1-29.4)	21.7 (20.2-23.1)	24.8 (23.7-25.9)	0.79 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 (28.9-32.4)	22.9 (21.4-24.4)	26.6 (25.5-27.8)	0.77 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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