

N137 – Woburn Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			Woburn			
	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	1,845	1,760	3,605	
Total Population Age 5-19	215,715	203,795	419,510	81,570	77,890	159,460	5,415	4,875	10,290	
Total Population Age 20-44	471,380	497,960	969,340	224,185	231,545	455,730	9,665	10,435	20,100	
Total Population Age 45-64	294,840	322,830	617,670	130,750	138,995	269,745	5,480	5,810	11,290	
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	818	663	1,481	
Rate of ED visits per 1,000 population per year	537.9	439.7	490.0	523.8	431.5	478.7	443.4 (420.7-466.0)	376.7 (354.1-399.3)	410.8 (394.8-426.9)	0.84 L
% of the population with one or more ED visits per year	34.1	29.2	31.7	33.2	28.6	31.0	28.7 (25.8-31.6)	26.5 (23.7-29.3)	27.6 (25.6-29.6)	0.87 L
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	1,126	897	2,023	
Rate of ED visits per 1,000 population per year	235.4	212.4	224.2	253.1	230.9	242.3	207.9 (197.1-218.8)	184.0 (173.1-194.9)	196.6 (188.9-204.3)	0.88 L
% of the population with one or more ED visits per year	17.3	15.0	16.2	18.3	15.8	17.1	15.6 (14.4-16.7)	13.1 (12.0-14.2)	14.4 (13.6-15.2)	0.89 L
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	1,779	2,309	4,088	
Rate of ED visits per 1,000 population per year	242.0	265.6	254.1	264.8	275.4	270.2	184.1 (176.3-191.8)	221.3 (213.3-229.2)	203.4 (197.8-208.9)	0.80 L
% of the population with one or more ED visits per year	15.6	16.9	16.3	16.3	17.3	16.8	13.4 (12.6-14.1)	14.5 (13.7-15.3)	14.0 (13.4-14.5)	0.86 L
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	1,478	1,512	2,990	
Rate of ED visits per 1,000 population per year	299.4	276.4	287.4	344.6	289.2	316.1	269.7 (258.0-281.5)	260.2 (249.0-271.5)	264.8 (256.7-273.0)	0.92 L
% of the population with one or more ED visits per year	17.8	17.6	17.7	18.9	17.6	18.2	17.0 (15.8-18.2)	17.8 (16.6-19.0)	17.4 (16.6-18.3)	0.98 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	1,765	2,310	4,075	
Total Population Age 75+	68,060	104,610	172,670	26,385	43,330	69,715	1,330	1,845	3,175	
Total Population	1,199,560	1,292,940	2,492,500	523,535	557,640	1,081,175	25,500	27,035	52,535	
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	495	621	1,116	
Rate of ED visits per 1,000 population per year	357.2	328.5	341.5	404.3	352.3	375.9	280.5 (259.5-301.4)	268.8 (250.8-286.9)	273.9 (260.2-287.6)	0.80 L
% of the population with one or more ED visits per year	20.7	20.1	20.4	22.4	21.0	21.7	17.9 (15.7-20.1)	17.6 (15.7-19.5)	17.7 (16.3-19.2)	0.87 L
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	825	1,139	1,964	
Rate of ED visits per 1,000 population per year	634.5	590.7	608.0	663.4	595.2	621.0	620.3 (594.2-646.4)	617.3 (595.2-639.5)	618.6 (601.7-635.5)	1.02 NS
% of the population with one or more ED visits per year	34.1	33.4	33.7	34.8	33.1	33.7	34.7 (30.8-38.7)	34.4 (31.1-37.7)	34.6 (32.0-37.1)	1.03 NS
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	6,521	7,141	13,662	
Rate of ED visits per 1,000 population per year	301.9	299.8	300.8	325.8	310.5	317.9	255.7 (248.5-262.9)	264.1 (257.0-271.3)	260.1 (255.0-265.1)	0.86 L
Age-Adjusted rate of visits per 1,000 †	293.9	292.3	293.1	319.1	303.5	311.2	248.1 (242.9-253.2)	259.6 (254.6-264.6)	253.9 (250.3-257.5)	0.87 L
% of the population with one or more ED visits per year	18.9	19.0	18.9	19.5	19.2	19.3	17.2 (16.8-17.9)	17.4 (16.6-17.7)	17.3 (16.9-17.7)	0.91 L
Age-Adjusted % of the population with an ED visit †	19.2	19.3	19.2	19.0	19.5	19.3	16.8 (16.3-17.3)	17.1 (16.7-17.5)	17.0 (16.6-17.3)	0.88 L

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

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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	818	663	1,481	
# of Low Triage visits	10,135	8,471	18,606	4,310	3,726	8,036	214	225	439	
Ratio of low to high Triage visits	0.38	0.42	0.40	0.41	0.46	0.43	0.36 (0.31-0.41)	0.52 (0.44-0.59)	0.43 (0.38-0.47)	1.07 NS
% of all ED visits that are Low Triage	27.4	29.4	28.3	28.5	31.3	29.7	26.2 (22.1-30.2)	33.9 (28.5-39.4)	29.6 (26.3-32.9)	1.05 NS
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	1,126	897	2,023	
# of Low Triage visits	22,320	17,595	39,915	8,622	7,106	15,728	554	419	973	
Ratio of low to high Triage visits	0.79	0.69	0.75	0.73	0.66	0.70	0.98 (0.87-1.09)	0.88 (0.77-0.99)	0.94 (0.86-1.02)	1.26 H
% of all ED visits that are Low Triage	44.0	40.7	42.4	41.8	39.5	40.7	49.2 (43.5-54.9)	46.7 (40.6-52.8)	48.1 (43.9-52.3)	1.13 H
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	1,779	2,309	4,088	
# of Low Triage visits	46,788	45,261	92,049	24,137	23,245	47,382	823	853	1,676	
Ratio of low to high Triage visits	0.70	0.52	0.60	0.69	0.58	0.63	0.86 (0.79-0.94)	0.59 (0.54-0.64)	0.70 (0.66-0.74)	1.16 H
% of all ED visits that are Low Triage	41.0	34.2	37.4	40.7	36.4	38.5	46.3 (42.0-50.6)	36.9 (33.8-40.1)	41.0 (38.4-43.6)	1.10 H
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	1,478	1,512	2,990	
# of Low Triage visits	27,429	27,774	55,203	13,968	12,762	26,730	490	524	1,014	
Ratio of low to high Triage visits	0.45	0.46	0.45	0.45	0.47	0.46	0.50 (0.45-0.55)	0.53 (0.48-0.59)	0.52 (0.48-0.55)	1.14 H
% of all ED visits that are Low Triage	31.1	31.1	31.1	31.0	31.8	31.4	33.2 (29.6-36.7)	34.7 (31.0-38.3)	33.9 (31.3-36.5)	1.09 H

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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	495	621	1,116	
# of Low Triage visits	6,215	7,807	14,022	2,844	3,278	6,122	128	165	293	
Ratio of low to high Triage visits	0.28	0.32	0.30	0.29	0.33	0.31	0.36 (0.29-0.43)	0.37 (0.30-0.43)	0.36 (0.32-0.41)	1.20 H
% of all ED visits that are Low Triage	21.5	24.2	22.9	22.2	24.3	23.3	25.9 (20.7-31.1)	26.6 (21.8-31.3)	26.3 (22.8-29.8)	1.14 NS
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	825	1,139	1,964	
# of Low Triage visits	6,727	9,938	16,665	2,680	4,038	6,718	164	211	375	
Ratio of low to high Triage visits	0.19	0.19	0.19	0.18	0.19	0.19	0.25 (0.21-0.29)	0.23 (0.20-0.27)	0.24 (0.22-0.27)	1.26 H
% of all ED visits that are Low Triage	15.6	16.1	15.9	15.3	15.7	15.5	19.9 (16.5-23.3)	18.5 (15.8-21.3)	19.1 (16.9-21.2)	1.20 H
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	6,521	7,141	13,662	
# of Low Triage visits	119,614	116,846	236,460	56,561	54,155	110,716	2,373	2,397	4,770	
Ratio of low to high Triage visits	0.50	0.44	0.47	0.50	0.46	0.48	0.58 (0.55-0.61)	0.51 (0.49-0.54)	0.54 (0.52-0.56)	1.17 H
Age-Adjusted ratio of low to high Triage visits ‡	0.61	0.51	0.55	0.60	0.53	0.56	0.74 (0.70-0.78)	0.60 (0.57-0.64)	0.65 (0.63-0.68)	1.18 H
% of all ED visits that are Low Triage	33.0	30.1	31.5	33.2	31.3	32.2	36.4 (34.6-38.2)	33.6 (31.9-35.2)	34.9 (33.7-36.1)	1.11 H
Age-Adjusted % of all ED visits that are Low Triage †	36.3	33.2	34.6	36.2	33.9	34.9	40.7 (38.7-42.6)	36.5 (34.8-38.2)	38.3 (37.0-39.5)	1.11 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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