

N35 – Westminster-Branson Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			Westminster-Branson			
	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	525	475	1,000	
Total Population Age 5-19	215,715	203,795	419,510	81,570	77,890	159,460	2,140	1,865	4,005	
Total Population Age 20-44	471,380	497,960	969,340	224,185	231,545	455,730	4,045	4,390	8,435	
Total Population Age 45-64	294,840	322,830	617,670	130,750	138,995	269,745	2,900	3,360	6,260	
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	390	310	700	
Rate of ED visits per 1,000 population per year	537.9	439.7	490.0	523.8	431.5	478.7	742.9 (705.5-780.2)	652.6 (609.8-695.5)	700.0 (671.6-728.4)	1.43 H
% of the population with one or more ED visits per year	34.1	29.2	31.7	33.2	28.6	31.0	45.3 (37.5-53.1)	38.7 (31.6-45.9)	42.2 (36.9-47.5)	1.33 H
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	594	483	1,077	
Rate of ED visits per 1,000 population per year	235.4	212.4	224.2	253.1	230.9	242.3	277.6 (258.6-296.5)	259.0 (239.1-278.9)	268.9 (255.2-282.6)	1.20 H
% of the population with one or more ED visits per year	17.3	15.0	16.2	18.3	15.8	17.1	18.7 (16.7-20.7)	17.6 (15.5-19.7)	18.2 (16.7-19.6)	1.12 H
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	1,140	1,322	2,462	
Rate of ED visits per 1,000 population per year	242.0	265.6	254.1	264.8	275.4	270.2	281.8 (268.0-295.7)	301.1 (287.6-314.7)	291.9 (282.2-301.6)	1.15 H
% of the population with one or more ED visits per year	15.6	16.9	16.3	16.3	17.3	16.8	17.3 (15.9-18.7)	18.7 (17.3-20.1)	18.0 (17.0-19.0)	1.11 H
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	991	1,108	2,099	
Rate of ED visits per 1,000 population per year	299.4	276.4	287.4	344.6	289.2	316.1	341.7 (324.5-359.0)	329.8 (313.9-345.7)	335.3 (323.6-347.0)	1.17 H
% of the population with one or more ED visits per year	17.8	17.6	17.7	18.9	17.6	18.2	19.5 (17.7-21.3)	21.3 (19.6-23.1)	20.5 (19.2-21.8)	1.16 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	840	1,180	2,020	
Total Population Age 75+	68,060	104,610	172,670	26,385	43,330	69,715	1,015	1,605	2,620	
Total Population	1,199,560	1,292,940	2,492,500	523,535	557,640	1,081,175	11,465	12,875	24,340	
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	331	491	822	
Rate of ED visits per 1,000 population per year	357.2	328.5	341.5	404.3	352.3	375.9	394.0 (361.0-427.1)	416.1 (388.0-444.2)	406.9 (385.5-428.4)	1.19 H
% of the population with one or more ED visits per year	20.7	20.1	20.4	22.4	21.0	21.7	23.7 (19.9-27.5)	24.7 (21.4-27.9)	24.3 (21.8-26.7)	1.19 H
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	645	1,180	1,825	
Rate of ED visits per 1,000 population per year	634.5	590.7	608.0	663.4	595.2	621.0	635.5 (605.9-665.1)	735.2 (713.6-756.8)	696.6 (679.0-714.2)	1.15 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 (30.1-39.1)	39.6 (35.7-43.6)	37.7 (34.7-40.6)	1.12 H
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	4,091	4,894	8,985	
Rate of ED visits per 1,000 population per year	301.9	299.8	300.8	325.8	310.5	317.9	356.8 (343.2-370.5)	380.1 (366.6-393.6)	369.1 (359.5-378.8)	1.23 H
Age-Adjusted rate of visits per 1,000 †	293.9	292.3	293.1	319.1	303.5	311.2	353.5 (344.8-362.2)	356.4 (348.0-364.9)	355.0 (348.9-361.1)	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	21.4 (22.2-24.1)	23.1 (20.4-22.4)	22.3 (21.6-23.0)	1.18 H
Age-Adjusted % of the population with an ED visit †	19.2	19.3	19.2	19.0	19.5	19.3	21.3 (20.5-22.1)	22.1 (21.4-22.9)	21.7 (21.2-22.3)	1.13 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	390	310	700	
# of Low Triage visits	10,135	8,471	18,606	4,310	3,726	8,036	118	96	214	
Ratio of low to high Triage visits	0.38	0.42	0.40	0.41	0.46	0.43	0.44 (0.36-0.52)	0.45 (0.36-0.54)	0.44 (0.38-0.50)	1.11 NS
% of all ED visits that are Low Triage	27.4	29.4	28.3	28.5	31.3	29.7	30.3 (23.7-36.8)	31.0 (23.5-38.4)	30.6 (25.7-35.5)	1.08 NS
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	594	483	1,077	
# of Low Triage visits	22,320	17,595	39,915	8,622	7,106	15,728	328	245	573	
Ratio of low to high Triage visits	0.79	0.69	0.75	0.73	0.66	0.70	1.24 (1.05-1.42)	1.03 (0.86-1.20)	1.14 (1.01-1.27)	1.53 H
% of all ED visits that are Low Triage	44.0	40.7	42.4	41.8	39.5	40.7	55.2 (46.3-64.1)	50.7 (41.7-59.8)	53.2 (46.8-59.6)	1.25 H
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	1,140	1,322	2,462	
# of Low Triage visits	46,788	45,261	92,049	24,137	23,245	47,382	546	524	1,070	
Ratio of low to high Triage visits	0.70	0.52	0.60	0.69	0.58	0.63	0.93 (0.83-1.03)	0.66 (0.59-0.73)	0.77 (0.72-0.83)	1.29 H
% of all ED visits that are Low Triage	41.0	34.2	37.4	40.7	36.4	38.5	47.9 (42.3-53.5)	39.6 (35.3-44.0)	43.5 (40.0-46.9)	1.16 H
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	991	1,108	2,099	
# of Low Triage visits	27,429	27,774	55,203	13,968	12,762	26,730	357	453	810	
Ratio of low to high Triage visits	0.45	0.46	0.45	0.45	0.47	0.46	0.57 (0.50-0.63)	0.69 (0.62-0.77)	0.63 (0.58-0.68)	1.39 H
% of all ED visits that are Low Triage	31.1	31.1	31.1	31.0	31.8	31.4	36.0 (31.4-40.7)	40.9 (36.0-45.8)	38.6 (35.2-42.0)	1.24 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	331	491	822	
# of Low Triage visits	6,215	7,807	14,022	2,844	3,278	6,122	106	187	293	
Ratio of low to high Triage visits	0.28	0.32	0.30	0.29	0.33	0.31	0.48 (0.38-0.58)	0.62 (0.52-0.72)	0.56 (0.49-0.63)	1.86 H
% of all ED visits that are Low Triage	21.5	24.2	22.9	22.2	24.3	23.3	32.0 (24.6-39.4)	38.1 (31.1-45.0)	35.6 (30.6-40.7)	1.55 H
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	645	1,180	1,825	
# of Low Triage visits	6,727	9,938	16,665	2,680	4,038	6,718	144	302	446	
Ratio of low to high Triage visits	0.19	0.19	0.19	0.18	0.19	0.19	0.29 (0.24-0.34)	0.35 (0.31-0.39)	0.33 (0.30-0.36)	1.70 H
% of all ED visits that are Low Triage	15.6	16.1	15.9	15.3	15.7	15.5	22.3 (18.2-26.5)	25.6 (22.2-28.9)	24.4 (21.8-27.0)	1.54 H
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	4,091	4,894	8,985	
# of Low Triage visits	119,614	116,846	236,460	56,561	54,155	110,716	1,599	1,807	3,406	
Ratio of low to high Triage visits	0.50	0.44	0.47	0.50	0.46	0.48	0.65 (0.61-0.68)	0.59 (0.56-0.62)	0.61 (0.59-0.64)	1.32 H
Age-Adjusted ratio of low to high Triage visits ‡	0.61	0.51	0.55	0.60	0.53	0.56	0.87 (0.80-0.93)	0.71 (0.66-0.76)	0.77 (0.73-0.81)	1.40 H
% of all ED visits that are Low Triage	33.0	30.1	31.5	33.2	31.3	32.2	39.1 (36.6-41.5)	36.9 (34.8-39.1)	37.9 (36.3-39.5)	1.20 H
Age-Adjusted % of all ED visits that are Low Triage †	36.3	33.2	34.6	36.2	33.9	34.9	44.4 (41.8-47.1)	40.6 (38.2-42.9)	42.3 (40.6-44.0)	1.22 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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