

N60 – Woodbine-Lumsden Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			Woodbine-Lumsden			
	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	215	215	430	
Total Population Age 5-19	215,715	203,795	419,510	81,570	77,890	159,460	635	560	1,195	
Total Population Age 20-44	471,380	497,960	969,340	224,185	231,545	455,730	1,515	1,560	3,075	
Total Population Age 45-64	294,840	322,830	617,670	130,750	138,995	269,745	1,110	1,190	2,300	
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	86	64	150	
Rate of ED visits per 1,000 population per year	537.9	439.7	490.0	523.8	431.5	478.7	400.0 (334.5-465.5)	297.7 (236.6-358.8)	348.8 (303.8-393.9)	0.71 L
% of the population with one or more ED visits per year	34.1	29.2	31.7	33.2	28.6	31.0	26.0 (18.1-34.0)	18.6 (12.2-25.0)	22.3 (17.3-27.4)	0.70 L
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	146	144	290	
Rate of ED visits per 1,000 population per year	235.4	212.4	224.2	253.1	230.9	242.3	229.9 (197.2-262.6)	257.1 (220.9-293.3)	242.7 (218.4-267.0)	1.08 NS
% of the population with one or more ED visits per year	17.3	15.0	16.2	18.3	15.8	17.1	16.9 (13.3-20.4)	15.0 (11.5-18.5)	16.0 (13.5-18.5)	0.99 NS
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	381	434	815	
Rate of ED visits per 1,000 population per year	242.0	265.6	254.1	264.8	275.4	270.2	251.5 (229.6-273.3)	278.2 (256.0-300.4)	265.0 (249.4-280.6)	1.04 NS
% of the population with one or more ED visits per year	15.6	16.9	16.3	16.3	17.3	16.8	17.5 (15.2-19.8)	17.6 (15.3-19.9)	17.6 (15.9-19.2)	1.08 NS
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	300	310	610	
Rate of ED visits per 1,000 population per year	299.4	276.4	287.4	344.6	289.2	316.1	270.3 (244.1-296.4)	260.5 (235.6-285.4)	265.2 (247.2-283.3)	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	17.7 (14.9-20.4)	15.9 (13.4-18.4)	16.7 (14.9-18.6)	0.95 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	255	330	585	
Total Population Age 75+	68,060	104,610	172,670	26,385	43,330	69,715	195	290	485	
Total Population	1,199,560	1,292,940	2,492,500	523,535	557,640	1,081,175	3,925	4,145	8,070	
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	169	106	275	
Rate of ED visits per 1,000 population per year	357.2	328.5	341.5	404.3	352.3	375.9	662.7 (604.7-720.8)	321.2 (270.8-371.6)	470.1 (429.6-510.5)	1.38 H
% of the population with one or more ED visits per year	20.7	20.1	20.4	22.4	21.0	21.7	26.3 (18.9-33.6)	17.6 (12.6-22.6)	21.4 (17.1-25.6)	1.05 NS
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	154	194	348	
Rate of ED visits per 1,000 population per year	634.5	590.7	608.0	663.4	595.2	621.0	789.7 (732.5-846.9)	669.0 (614.8-723.1)	717.5 (677.5-757.6)	1.18 H
% of the population with one or more ED visits per year	34.1	33.4	33.7	34.8	33.1	33.7	38.5 (27.4-49.6)	34.8 (26.4-43.2)	36.3 (29.6-43.0)	1.08 NS
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	1,236	1,252	2,488	
Rate of ED visits per 1,000 population per year	301.9	299.8	300.8	325.8	310.5	317.9	314.9 (293.7-336.1)	302.1 (282.0-322.1)	308.3 (293.7-322.9)	1.02 NS
Age-Adjusted rate of visits per 1,000 †	293.9	292.3	293.1	319.1	303.5	311.2	308.7 (294.4-322.9)	302.7 (288.3-317.0)	305.6 (295.5-315.8)	1.04 H
% of the population with one or more ED visits per year	18.9	19.0	18.9	19.5	19.2	19.3	19.5 (16.6-19.4)	18.0 (18.0-21.1)	18.7 (17.7-19.8)	0.99 NS
Age-Adjusted % of the population with an ED visit †	19.2	19.3	19.2	19.0	19.5	19.3	19.7 (18.4-21.0)	18.2 (17.0-19.4)	18.9 (18.0-19.7)	0.98 NS

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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	86	64	150	
# of Low Triage visits	10,135	8,471	18,606	4,310	3,726	8,036	17*	20	37	
Ratio of low to high Triage visits	0.38	0.42	0.40	0.41	0.46	0.43	0.25* (0.13-0.37)	0.45 (0.23-0.68)	0.33 (0.22-0.44)	0.83 NS
% of all ED visits that are Low Triage	27.4	29.4	28.3	28.5	31.3	29.7	19.8* (9.3-30.3)	31.3 (14.7-47.8)	24.7 (15.5-33.8)	0.87 NS
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	146	144	290	
# of Low Triage visits	22,320	17,595	39,915	8,622	7,106	15,728	54	49	103	
Ratio of low to high Triage visits	0.79	0.69	0.75	0.73	0.66	0.70	0.61 (0.41-0.80)	0.52 (0.35-0.69)	0.56 (0.43-0.69)	0.75 L
% of all ED visits that are Low Triage	44.0	40.7	42.4	41.8	39.5	40.7	37.0 (24.6-49.4)	34.0 (22.3-45.8)	35.5 (27.0-44.1)	0.84 NS
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	381	434	815	
# of Low Triage visits	46,788	45,261	92,049	24,137	23,245	47,382	149	173	322	
Ratio of low to high Triage visits	0.70	0.52	0.60	0.69	0.58	0.63	0.65 (0.52-0.77)	0.67 (0.55-0.79)	0.66 (0.57-0.75)	1.10 NS
% of all ED visits that are Low Triage	41.0	34.2	37.4	40.7	36.4	38.5	39.1 (31.1-47.2)	39.9 (32.2-47.5)	39.5 (34.0-45.1)	1.06 NS
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	300	310	610	
# of Low Triage visits	27,429	27,774	55,203	13,968	12,762	26,730	94	92	186	
Ratio of low to high Triage visits	0.45	0.46	0.45	0.45	0.47	0.46	0.46 (0.35-0.56)	0.43 (0.33-0.52)	0.44 (0.37-0.51)	0.97 NS
% of all ED visits that are Low Triage	31.1	31.1	31.1	31.0	31.8	31.4	31.3 (23.7-39.0)	29.7 (22.4-36.9)	30.5 (25.2-35.7)	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	169	106	275	
# of Low Triage visits	6,215	7,807	14,022	2,844	3,278	6,122	40	14*	54	
Ratio of low to high Triage visits	0.28	0.32	0.30	0.29	0.33	0.31	0.31 (0.21-0.41)	0.15* (0.07-0.23)	0.24 (0.18-0.31)	0.81 NS
% of all ED visits that are Low Triage	21.5	24.2	22.9	22.2	24.3	23.3	23.7 (15.3-32.1)	13.2* (5.8-20.6)	19.6 (13.8-25.5)	0.86 NS
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	154	194	348	
# of Low Triage visits	6,727	9,938	16,665	2,680	4,038	6,718	25	25	50	
Ratio of low to high Triage visits	0.19	0.19	0.19	0.18	0.19	0.19	0.20 (0.12-0.27)	0.15 (0.09-0.21)	0.17 (0.12-0.22)	0.89 NS
% of all ED visits that are Low Triage	15.6	16.1	15.9	15.3	15.7	15.5	16.2 (9.3-23.2)	12.9 (7.5-18.3)	14.4 (10.1-18.7)	0.91 NS
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	1,236	1,252	2,488	
# of Low Triage visits	119,614	116,846	236,460	56,561	54,155	110,716	379	373	752	
Ratio of low to high Triage visits	0.50	0.44	0.47	0.50	0.46	0.48	0.45 (0.40-0.50)	0.43 (0.38-0.48)	0.44 (0.40-0.47)	0.94 NS
Age-Adjusted ratio of low to high Triage visits [‡]	0.61	0.51	0.55	0.60	0.53	0.56	0.59 (0.50-0.68)	0.52 (0.45-0.59)	0.55 (0.49-0.60)	0.99 NS
% of all ED visits that are Low Triage	33.0	30.1	31.5	33.2	31.3	32.2	30.7 (27.0-34.4)	29.8 (26.2-33.4)	30.2 (27.6-32.8)	0.96 NS
Age-Adjusted % of all ED visits that are Low Triage [†]	36.3	33.2	34.6	36.2	33.9	34.9	34.4 (30.2-38.6)	32.6 (28.8-36.4)	33.7 (30.9-36.5)	0.97 NS

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

[‡] Ratios of low to high Triage visits are age-adjusted using the 1991 Canada population as the standard population.

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