

N38 – Lansing-Westgate Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			Lansing-Westgate			
	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	430	365	795	
Total Population Age 5-19	215,715	203,795	419,510	81,570	77,890	159,460	1,155	1,070	2,225	
Total Population Age 20-44	471,380	497,960	969,340	224,185	231,545	455,730	2,950	3,160	6,110	
Total Population Age 45-64	294,840	322,830	617,670	130,750	138,995	269,745	1,510	1,725	3,235	
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	187	134	321	
Rate of ED visits per 1,000 population per year	537.9	439.7	490.0	523.8	431.5	478.7	434.9 (388.0-481.7)	367.1 (317.7-416.6)	403.8 (369.7-437.9)	0.82 L
% of the population with one or more ED visits per year	34.1	29.2	31.7	33.2	28.6	31.0	28.8 (22.8-34.9)	26.3 (20.2-32.4)	27.7 (23.4-32.0)	0.87 NS
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	272	207	479	
Rate of ED visits per 1,000 population per year	235.4	212.4	224.2	253.1	230.9	242.3	235.5 (211.0-260.0)	193.5 (169.8-217.1)	215.3 (198.2-232.4)	0.96 NS
% of the population with one or more ED visits per year	17.3	15.0	16.2	18.3	15.8	17.1	17.8 (15.1-20.5)	14.3 (11.9-16.7)	16.1 (14.3-18.0)	1.00 NS
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	537	575	1,112	
Rate of ED visits per 1,000 population per year	242.0	265.6	254.1	264.8	275.4	270.2	182.0 (168.1-196.0)	182.0 (168.5-195.4)	182.0 (172.3-191.7)	0.72 L
% of the population with one or more ED visits per year	15.6	16.9	16.3	16.3	17.3	16.8	12.2 (10.9-13.5)	13.2 (11.9-14.6)	12.7 (11.8-13.7)	0.78 L
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	366	418	784	
Rate of ED visits per 1,000 population per year	299.4	276.4	287.4	344.6	289.2	316.1	242.4 (220.8-264.0)	242.3 (222.1-262.5)	242.3 (227.6-257.1)	0.84 L
% of the population with one or more ED visits per year	17.8	17.6	17.7	18.9	17.6	18.2	15.5 (13.3-17.7)	16.1 (14.0-18.1)	15.8 (14.3-17.3)	0.89 L

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	420	495	915	
Total Population Age 75+	68,060	104,610	172,670	26,385	43,330	69,715	465	650	1,115	
Total Population	1,199,560	1,292,940	2,492,500	523,535	557,640	1,081,175	6,930	7,465	14,395	
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	108	134	242	
Rate of ED visits per 1,000 population per year	357.2	328.5	341.5	404.3	352.3	375.9	257.1 (215.3-298.9)	270.7 (231.6-309.9)	264.5 (235.9-293.1)	0.77 L
% of the population with one or more ED visits per year	20.7	20.1	20.4	22.4	21.0	21.7	15.7 (11.6-19.8)	18.0 (13.9-22.1)	16.9 (14.0-19.9)	0.83 L
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	270	360	630	
Rate of ED visits per 1,000 population per year	634.5	590.7	608.0	663.4	595.2	621.0	580.6 (535.8-625.5)	553.8 (515.6-592.1)	565.0 (535.9-594.1)	0.93 L
% of the population with one or more ED visits per year	34.1	33.4	33.7	34.8	33.1	33.7	31.8 (25.6-38.0)	32.6 (27.3-38.0)	32.3 (28.2-36.3)	0.96 NS
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	1,740	1,828	3,568	
Rate of ED visits per 1,000 population per year	301.9	299.8	300.8	325.8	310.5	317.9	251.1 (237.4-264.7)	244.9 (232.0-257.8)	247.9 (238.5-257.2)	0.82 L
Age-Adjusted rate of visits per 1,000 †	293.9	292.3	293.1	319.1	303.5	311.2	240.7 (230.7-250.7)	235.8 (226.2-245.4)	238.2 (231.3-245.2)	0.81 L
% of the population with one or more ED visits per year	18.9	19.0	18.9	19.5	19.2	19.3	16.4 (15.7-17.7)	16.7 (15.4-17.5)	16.6 (15.8-17.3)	0.87 L
Age-Adjusted % of the population with an ED visit †	19.2	19.3	19.2	19.0	19.5	19.3	16.1 (15.3-17.0)	16.3 (15.5-17.2)	16.2 (15.6-16.9)	0.84 L

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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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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	187	134	321	
# of Low Triage visits	10,135	8,471	18,606	4,310	3,726	8,036	63	44	107	
Ratio of low to high Triage visits	0.38	0.42	0.40	0.41	0.46	0.43	0.52 (0.38-0.66)	0.50 (0.33-0.67)	0.51 (0.40-0.62)	1.29 H
% of all ED visits that are Low Triage	27.4	29.4	28.3	28.5	31.3	29.7	33.7 (23.5-43.9)	32.8 (21.0-44.7)	33.3 (25.6-41.1)	1.18 NS
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	272	207	479	
# of Low Triage visits	22,320	17,595	39,915	8,622	7,106	15,728	150	89	239	
Ratio of low to high Triage visits	0.79	0.69	0.75	0.73	0.66	0.70	1.24 (0.96-1.52)	0.77 (0.57-0.97)	1.01 (0.84-1.18)	1.35 H
% of all ED visits that are Low Triage	44.0	40.7	42.4	41.8	39.5	40.7	55.1 (42.0-68.3)	43.0 (31.2-54.8)	49.9 (41.0-58.8)	1.18 NS
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	537	575	1,112	
# of Low Triage visits	46,788	45,261	92,049	24,137	23,245	47,382	226	210	436	
Ratio of low to high Triage visits	0.70	0.52	0.60	0.69	0.58	0.63	0.73 (0.61-0.85)	0.58 (0.49-0.67)	0.65 (0.57-0.72)	1.08 NS
% of all ED visits that are Low Triage	41.0	34.2	37.4	40.7	36.4	38.5	42.1 (34.9-49.3)	36.5 (30.3-42.7)	39.2 (34.5-43.9)	1.05 NS
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	366	418	784	
# of Low Triage visits	27,429	27,774	55,203	13,968	12,762	26,730	132	161	293	
Ratio of low to high Triage visits	0.45	0.46	0.45	0.45	0.47	0.46	0.57 (0.45-0.68)	0.63 (0.51-0.75)	0.60 (0.52-0.68)	1.32 H
% of all ED visits that are Low Triage	31.1	31.1	31.1	31.0	31.8	31.4	36.1 (28.4-43.8)	38.5 (30.9-46.1)	37.4 (32.0-42.8)	1.20 H

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* Estimates based on fewer than 20 events are likely to be unstable and imprecise.

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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	108	134	242	
# of Low Triage visits	6,215	7,807	14,022	2,844	3,278	6,122	42	39	81	
Ratio of low to high Triage visits	0.28	0.32	0.30	0.29	0.33	0.31	0.65 (0.41-0.88)	0.42 (0.27-0.57)	0.51 (0.38-0.64)	1.70 H
% of all ED visits that are Low Triage	21.5	24.2	22.9	22.2	24.3	23.3	38.9 (23.8-53.9)	29.1 (18.3-40.0)	33.5 (24.5-42.4)	1.46 H
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	270	360	630	
# of Low Triage visits	6,727	9,938	16,665	2,680	4,038	6,718	54	73	127	
Ratio of low to high Triage visits	0.19	0.19	0.19	0.18	0.19	0.19	0.25 (0.18-0.32)	0.26 (0.20-0.32)	0.26 (0.21-0.30)	1.34 H
% of all ED visits that are Low Triage	15.6	16.1	15.9	15.3	15.7	15.5	20.0 (14.0-26.0)	20.3 (15.1-25.5)	20.2 (16.2-24.1)	1.27 H
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	1,740	1,828	3,568	
# of Low Triage visits	119,614	116,846	236,460	56,561	54,155	110,716	667	616	1,283	
Ratio of low to high Triage visits	0.50	0.44	0.47	0.50	0.46	0.48	0.63 (0.57-0.68)	0.52 (0.47-0.56)	0.57 (0.53-0.60)	1.22 H
Age-Adjusted ratio of low to high Triage visits [‡]	0.61	0.51	0.55	0.60	0.53	0.56	0.79 (0.70-0.88)	0.59 (0.53-0.66)	0.68 (0.63-0.73)	1.24 H
% of all ED visits that are Low Triage	33.0	30.1	31.5	33.2	31.3	32.2	38.3 (34.6-42.0)	33.7 (30.4-37.0)	36.0 (33.5-38.4)	1.14 H
Age-Adjusted % of all ED visits that are Low Triage [†]	36.3	33.2	34.6	36.2	33.9	34.9	42.3 (38.4-46.2)	36.3 (32.9-39.8)	39.3 (36.8-41.9)	1.14 H

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