

N5 – Elms-Old Rexdale Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			Elms-Old Rexdale			
	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	375	360	735	
Total Population Age 5-19	215,715	203,795	419,510	81,570	77,890	159,460	1,165	1,025	2,190	
Total Population Age 20-44	471,380	497,960	969,340	224,185	231,545	455,730	1,700	1,850	3,550	
Total Population Age 45-64	294,840	322,830	617,670	130,750	138,995	269,745	1,120	1,245	2,365	
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	241	186	427	
Rate of ED visits per 1,000 population per year	537.9	439.7	490.0	523.8	431.5	478.7	642.7 (594.2-691.2)	516.7 (465.0-568.3)	581.0 (545.3-616.6)	1.19 H
% of the population with one or more ED visits per year	34.1	29.2	31.7	33.2	28.6	31.0	37.6 (29.7-45.5)	31.4 (24.4-38.4)	34.6 (29.3-39.8)	1.09 NS
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	305	251	556	
Rate of ED visits per 1,000 population per year	235.4	212.4	224.2	253.1	230.9	242.3	261.8 (236.6-287.0)	244.9 (218.6-271.2)	253.9 (235.7-272.1)	1.13 H
% of the population with one or more ED visits per year	17.3	15.0	16.2	18.3	15.8	17.1	18.3 (15.6-21.0)	17.3 (14.5-20.1)	17.8 (15.9-19.8)	1.10 NS
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	515	607	1,122	
Rate of ED visits per 1,000 population per year	242.0	265.6	254.1	264.8	275.4	270.2	302.9 (281.1-324.8)	328.1 (306.7-349.5)	316.1 (300.8-331.4)	1.24 H
% of the population with one or more ED visits per year	15.6	16.9	16.3	16.3	17.3	16.8	17.8 (15.6-20.0)	19.2 (17.0-21.5)	18.5 (17.0-20.1)	1.14 H
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	332	362	694	
Rate of ED visits per 1,000 population per year	299.4	276.4	287.4	344.6	289.2	316.1	296.4 (269.7-323.2)	290.8 (265.5-316.0)	293.4 (275.1-311.8)	1.02 NS
% of the population with one or more ED visits per year	17.8	17.6	17.7	18.9	17.6	18.2	19.0 (16.2-21.9)	20.2 (17.4-23.0)	19.7 (17.7-21.7)	1.11 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	315	350	665	
Total Population Age 75+	68,060	104,610	172,670	26,385	43,330	69,715	175	260	435	
Total Population	1,199,560	1,292,940	2,492,500	523,535	557,640	1,081,175	4,850	5,090	9,940	
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	129	115	244	
Rate of ED visits per 1,000 population per year	357.2	328.5	341.5	404.3	352.3	375.9	409.5 (355.2-463.8)	328.6 (279.4-377.8)	366.9 (330.3-403.5)	1.07 NS
% of the population with one or more ED visits per year	20.7	20.1	20.4	22.4	21.0	21.7	19.7 (14.2-25.1)	22.6 (16.9-28.2)	21.2 (17.3-25.1)	1.04 NS
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	138	165	303	
Rate of ED visits per 1,000 population per year	634.5	590.7	608.0	663.4	595.2	621.0	788.6 (728.1-849.1)	634.6 (576.1-693.1)	696.6 (653.3-739.8)	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	36.0 (24.9-47.1)	37.7 (28.2-47.1)	37.0 (29.8-44.2)	1.10 NS
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	1,660	1,686	3,346	
Rate of ED visits per 1,000 population per year	301.9	299.8	300.8	325.8	310.5	317.9	342.3 (322.0-362.6)	331.2 (311.9-350.6)	336.6 (322.6-350.6)	1.12 H
Age-Adjusted rate of visits per 1,000 †	293.9	292.3	293.1	319.1	303.5	311.2	341.0 (327.9-354.1)	340.0 (327.0-353.0)	340.5 (331.3-349.6)	1.16 H
% of the population with one or more ED visits per year	18.9	19.0	18.9	19.5	19.2	19.3	20.5 (19.7-22.5)	21.1 (19.1-21.9)	20.8 (19.8-21.8)	1.10 H
Age-Adjusted % of the population with an ED visit †	19.2	19.3	19.2	19.0	19.5	19.3	20.4 (19.3-21.5)	21.5 (20.4-22.6)	20.9 (20.1-21.7)	1.09 H

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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	241	186	427	
# of Low Triage visits	10,135	8,471	18,606	4,310	3,726	8,036	40	39	79	
Ratio of low to high Triage visits	0.38	0.42	0.40	0.41	0.46	0.43	0.20 (0.14-0.27)	0.27 (0.18-0.36)	0.23 (0.18-0.28)	0.58 L
% of all ED visits that are Low Triage	27.4	29.4	28.3	28.5	31.3	29.7	16.6 (11.0-22.2)	21.0 (13.6-28.4)	18.5 (14.0-23.0)	0.65 L
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	305	251	556	
# of Low Triage visits	22,320	17,595	39,915	8,622	7,106	15,728	117	82	199	
Ratio of low to high Triage visits	0.79	0.69	0.75	0.73	0.66	0.70	0.63 (0.49-0.77)	0.49 (0.36-0.61)	0.56 (0.47-0.65)	0.75 L
% of all ED visits that are Low Triage	44.0	40.7	42.4	41.8	39.5	40.7	38.4 (29.5-47.2)	32.7 (24.1-41.3)	35.8 (29.6-42.0)	0.84 L
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	515	607	1,122	
# of Low Triage visits	46,788	45,261	92,049	24,137	23,245	47,382	148	128	276	
Ratio of low to high Triage visits	0.70	0.52	0.60	0.69	0.58	0.63	0.40 (0.33-0.48)	0.27 (0.22-0.32)	0.33 (0.29-0.37)	0.54 L
% of all ED visits that are Low Triage	41.0	34.2	37.4	40.7	36.4	38.5	28.7 (23.3-34.2)	21.1 (17.0-25.2)	24.6 (21.3-27.9)	0.66 L
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	332	362	694	
# of Low Triage visits	27,429	27,774	55,203	13,968	12,762	26,730	79	81	160	
Ratio of low to high Triage visits	0.45	0.46	0.45	0.45	0.47	0.46	0.31 (0.24-0.39)	0.29 (0.22-0.36)	0.30 (0.25-0.35)	0.66 L
% of all ED visits that are Low Triage	31.1	31.1	31.1	31.0	31.8	31.4	23.8 (17.8-29.8)	22.4 (16.8-27.9)	23.1 (19.0-27.1)	0.74 L

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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	129	115	244	
# of Low Triage visits	6,215	7,807	14,022	2,844	3,278	6,122	23	24	47	
Ratio of low to high Triage visits	0.28	0.32	0.30	0.29	0.33	0.31	0.22 (0.13-0.31)	0.26 (0.15-0.38)	0.24 (0.17-0.31)	0.79 NS
% of all ED visits that are Low Triage	21.5	24.2	22.9	22.2	24.3	23.3	17.8 (9.8-25.9)	20.9 (11.5-30.3)	19.3 (13.1-25.4)	0.84 NS
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	138	165	303	
# of Low Triage visits	6,727	9,938	16,665	2,680	4,038	6,718	15*	19*	34	
Ratio of low to high Triage visits	0.19	0.19	0.19	0.18	0.19	0.19	0.12* (0.06-0.18)	0.13* (0.07-0.19)	0.13 (0.08-0.17)	0.66 L
% of all ED visits that are Low Triage	15.6	16.1	15.9	15.3	15.7	15.5	10.9* (5.0-16.7)	11.5* (6.0-17.0)	11.2 (7.2-15.2)	0.71 L
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	1,660	1,686	3,346	
# of Low Triage visits	119,614	116,846	236,460	56,561	54,155	110,716	422	373	795	
Ratio of low to high Triage visits	0.50	0.44	0.47	0.50	0.46	0.48	0.34 (0.31-0.38)	0.29 (0.25-0.32)	0.31 (0.29-0.34)	0.67 L
Age-Adjusted ratio of low to high Triage visits [‡]	0.61	0.51	0.55	0.60	0.53	0.56	0.41 (0.36-0.46)	0.32 (0.28-0.36)	0.35 (0.32-0.38)	0.64 L
% of all ED visits that are Low Triage	33.0	30.1	31.5	33.2	31.3	32.2	25.4 (22.6-28.2)	22.1 (19.6-24.7)	23.8 (21.9-25.7)	0.75 L
Age-Adjusted % of all ED visits that are Low Triage [†]	36.3	33.2	34.6	36.2	33.9	34.9	27.8 (24.9-30.8)	23.3 (20.7-25.9)	25.3 (23.3-27.2)	0.73 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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