

N40 – St. Andrew-Windfields Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			St. Andrew-Windfields			
	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	350	325	675	
Total Population Age 5-19	215,715	203,795	419,510	81,570	77,890	159,460	1,915	1,750	3,665	
Total Population Age 20-44	471,380	497,960	969,340	224,185	231,545	455,730	2,610	2,980	5,590	
Total Population Age 45-64	294,840	322,830	617,670	130,750	138,995	269,745	2,465	2,750	5,215	
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	164	92	256	
Rate of ED visits per 1,000 population per year	537.9	439.7	490.0	523.8	431.5	478.7	468.6 (416.3-520.9)	283.1 (234.1-332.1)	379.3 (342.7-415.9)	0.77 L
% of the population with one or more ED visits per year	34.1	29.2	31.7	33.2	28.6	31.0	30.9 (23.9-37.9)	20.9 (15.3-26.5)	26.1 (21.6-30.6)	0.82 L
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	429	358	787	
Rate of ED visits per 1,000 population per year	235.4	212.4	224.2	253.1	230.9	242.3	224.0 (205.3-242.7)	204.6 (185.7-223.5)	214.7 (201.4-228.0)	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	17.0 (14.9-19.0)	15.8 (13.7-17.8)	16.4 (15.0-17.8)	1.01 NS
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	522	588	1,110	
Rate of ED visits per 1,000 population per year	242.0	265.6	254.1	264.8	275.4	270.2	200.0 (184.7-215.3)	197.3 (183.0-211.6)	198.6 (188.1-209.0)	0.78 L
% of the population with one or more ED visits per year	15.6	16.9	16.3	16.3	17.3	16.8	13.8 (12.3-15.3)	14.5 (13.0-15.9)	14.2 (13.1-15.2)	0.87 L
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	467	523	990	
Rate of ED visits per 1,000 population per year	299.4	276.4	287.4	344.6	289.2	316.1	189.5 (174.0-204.9)	190.2 (175.5-204.8)	189.8 (179.2-200.5)	0.66 L
% of the population with one or more ED visits per year	17.8	17.6	17.7	18.9	17.6	18.2	12.8 (11.3-14.3)	13.4 (11.9-14.9)	13.1 (12.1-14.2)	0.74 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	585	695	1,280	
Total Population Age 75+	68,060	104,610	172,670	26,385	43,330	69,715	470	585	1,055	
Total Population	1,199,560	1,292,940	2,492,500	523,535	557,640	1,081,175	8,395	9,085	17,480	
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	183	198	381	
Rate of ED visits per 1,000 population per year	357.2	328.5	341.5	404.3	352.3	375.9	312.8 (275.2-350.4)	284.9 (251.3-318.4)	297.7 (272.6-322.7)	0.87 L
% of the population with one or more ED visits per year	20.7	20.1	20.4	22.4	21.0	21.7	17.3 (13.6-21.0)	19.1 (15.5-22.8)	18.3 (15.7-20.9)	0.90 NS
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	247	327	574	
Rate of ED visits per 1,000 population per year	634.5	590.7	608.0	663.4	595.2	621.0	525.5 (480.4-570.7)	559.0 (518.7-599.2)	544.1 (514.0-574.1)	0.89 L
% of the population with one or more ED visits per year	34.1	33.4	33.7	34.8	33.1	33.7	32.6 (26.3-38.8)	31.8 (26.3-37.3)	32.1 (28.0-36.3)	0.95 NS
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	2,012	2,086	4,098	
Rate of ED visits per 1,000 population per year	301.9	299.8	300.8	325.8	310.5	317.9	239.7 (227.7-251.7)	229.6 (218.4-240.8)	234.4 (226.2-242.6)	0.78 L
Age-Adjusted rate of visits per 1,000 †	293.9	292.3	293.1	319.1	303.5	311.2	243.5 (233.7-253.2)	235.4 (226.3-244.5)	239.4 (232.7-246.1)	0.82 L
% of the population with one or more ED visits per year	18.9	19.0	18.9	19.5	19.2	19.3	16.2 (15.2-17.0)	16.1 (15.3-17.2)	16.2 (15.5-16.8)	0.85 L
Age-Adjusted % of the population with an ED visit †	19.2	19.3	19.2	19.0	19.5	19.3	16.5 (15.7-17.4)	16.7 (15.9-17.5)	16.6 (16.0-17.2)	0.87 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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	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	164	92	256	
# of Low Triage visits	10,135	8,471	18,606	4,310	3,726	8,036	37	10*	47	
Ratio of low to high Triage visits	0.38	0.42	0.40	0.41	0.46	0.43	0.29 (0.20-0.39)	0.12* (0.04-0.20)	0.23 (0.16-0.29)	0.57 L
% of all ED visits that are Low Triage	27.4	29.4	28.3	28.5	31.3	29.7	22.6 (14.3-30.8)	10.9* (3.7-18.0)	18.4 (12.6-24.2)	0.65 L
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	429	358	787	
# of Low Triage visits	22,320	17,595	39,915	8,622	7,106	15,728	185	154	339	
Ratio of low to high Triage visits	0.79	0.69	0.75	0.73	0.66	0.70	0.77 (0.63-0.91)	0.75 (0.61-0.90)	0.77 (0.66-0.87)	1.03 NS
% of all ED visits that are Low Triage	44.0	40.7	42.4	41.8	39.5	40.7	43.1 (34.9-51.4)	43.0 (34.0-52.0)	43.1 (37.0-49.2)	1.01 NS
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	522	588	1,110	
# of Low Triage visits	46,788	45,261	92,049	24,137	23,245	47,382	236	209	445	
Ratio of low to high Triage visits	0.70	0.52	0.60	0.69	0.58	0.63	0.83 (0.69-0.97)	0.55 (0.46-0.64)	0.67 (0.60-0.75)	1.12 NS
% of all ED visits that are Low Triage	41.0	34.2	37.4	40.7	36.4	38.5	45.2 (37.4-53.0)	35.5 (29.5-41.5)	40.1 (35.3-44.9)	1.07 NS
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	467	523	990	
# of Low Triage visits	27,429	27,774	55,203	13,968	12,762	26,730	132	151	283	
Ratio of low to high Triage visits	0.45	0.46	0.45	0.45	0.47	0.46	0.40 (0.32-0.47)	0.41 (0.33-0.48)	0.40 (0.35-0.46)	0.89 NS
% of all ED visits that are Low Triage	31.1	31.1	31.1	31.0	31.8	31.4	28.3 (22.6-34.0)	28.9 (23.4-34.3)	28.6 (24.6-32.5)	0.92 NS

CI Confidence Interval.

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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	183	198	381	
# of Low Triage visits	6,215	7,807	14,022	2,844	3,278	6,122	34	38	72	
Ratio of low to high Triage visits	0.28	0.32	0.30	0.29	0.33	0.31	0.23 (0.15-0.31)	0.24 (0.16-0.32)	0.23 (0.18-0.29)	0.78 L
% of all ED visits that are Low Triage	21.5	24.2	22.9	22.2	24.3	23.3	18.6 (11.7-25.5)	19.2 (12.4-26.0)	18.9 (14.1-23.7)	0.82 NS
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	247	327	574	
# of Low Triage visits	6,727	9,938	16,665	2,680	4,038	6,718	43	51	94	
Ratio of low to high Triage visits	0.19	0.19	0.19	0.18	0.19	0.19	0.21 (0.15-0.28)	0.19 (0.14-0.24)	0.20 (0.16-0.24)	1.04 NS
% of all ED visits that are Low Triage	15.6	16.1	15.9	15.3	15.7	15.5	17.4 (11.7-23.1)	15.6 (10.9-20.3)	16.4 (12.8-20.0)	1.03 NS
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	2,012	2,086	4,098	
# of Low Triage visits	119,614	116,846	236,460	56,561	54,155	110,716	667	613	1,280	
Ratio of low to high Triage visits	0.50	0.44	0.47	0.50	0.46	0.48	0.50 (0.46-0.54)	0.42 (0.38-0.46)	0.46 (0.43-0.49)	0.98 NS
Age-Adjusted ratio of low to high Triage visits [‡]	0.61	0.51	0.55	0.60	0.53	0.56	0.63 (0.56-0.70)	0.52 (0.46-0.57)	0.57 (0.52-0.61)	1.03 NS
% of all ED visits that are Low Triage	33.0	30.1	31.5	33.2	31.3	32.2	33.2 (30.1-36.2)	29.4 (26.6-32.2)	31.2 (29.2-33.3)	0.99 NS
Age-Adjusted % of all ED visits that are Low Triage [†]	36.3	33.2	34.6	36.2	33.9	34.9	36.5 (33.1-39.9)	32.2 (29.2-35.3)	34.4 (32.2-36.7)	1.00 NS

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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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