

N129 – Agincourt North Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			Agincourt North			
	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	760	700	1,460	
Total Population Age 5-19	215,715	203,795	419,510	81,570	77,890	159,460	2,660	2,635	5,295	
Total Population Age 20-44	471,380	497,960	969,340	224,185	231,545	455,730	5,325	5,745	11,070	
Total Population Age 45-64	294,840	322,830	617,670	130,750	138,995	269,745	3,815	4,240	8,055	
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	301	231	532	
Rate of ED visits per 1,000 population per year	537.9	439.7	490.0	523.8	431.5	478.7	396.1 (361.3-430.8)	330.0 (295.2-364.8)	364.4 (339.7-389.1)	0.74 L
% of the population with one or more ED visits per year	34.1	29.2	31.7	33.2	28.6	31.0	27.1 (22.8-31.4)	24.3 (20.1-28.5)	25.8 (22.7-28.8)	0.81 L
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	425	273	698	
Rate of ED visits per 1,000 population per year	235.4	212.4	224.2	253.1	230.9	242.3	159.8 (145.9-173.7)	103.6 (92.0-115.2)	131.8 (122.7-140.9)	0.59 L
% of the population with one or more ED visits per year	17.3	15.0	16.2	18.3	15.8	17.1	12.6 (11.2-14.0)	7.8 (6.7-8.9)	10.2 (9.3-11.1)	0.63 L
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	715	769	1,484	
Rate of ED visits per 1,000 population per year	242.0	265.6	254.1	264.8	275.4	270.2	134.3 (125.1-143.4)	133.9 (125.1-142.7)	134.1 (127.7-140.4)	0.53 L
% of the population with one or more ED visits per year	15.6	16.9	16.3	16.3	17.3	16.8	9.3 (8.4-10.1)	9.9 (9.0-10.8)	9.6 (9.0-10.2)	0.59 L
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	574	682	1,256	
Rate of ED visits per 1,000 population per year	299.4	276.4	287.4	344.6	289.2	316.1	150.5 (139.1-161.8)	160.8 (149.8-171.9)	155.9 (148.0-163.9)	0.54 L
% of the population with one or more ED visits per year	17.8	17.6	17.7	18.9	17.6	18.2	10.8 (9.7-11.9)	11.4 (10.3-12.5)	11.1 (10.3-11.9)	0.63 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	1,115	1,305	2,420	
Total Population Age 75+	68,060	104,610	172,670	26,385	43,330	69,715	760	1,000	1,760	
Total Population	1,199,560	1,292,940	2,492,500	523,535	557,640	1,081,175	14,435	15,625	30,060	
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	217	288	505	
Rate of ED visits per 1,000 population per year	357.2	328.5	341.5	404.3	352.3	375.9	194.6 (171.4-217.9)	220.7 (198.2-243.2)	208.7 (192.5-224.9)	0.61 L
% of the population with one or more ED visits per year	20.7	20.1	20.4	22.4	21.0	21.7	14.0 (11.6-16.4)	15.6 (13.3-18.0)	14.9 (13.2-16.5)	0.73 L
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	412	444	856	
Rate of ED visits per 1,000 population per year	634.5	590.7	608.0	663.4	595.2	621.0	542.1 (506.7-577.5)	444.0 (413.2-474.8)	486.4 (463.0-509.7)	0.80 L
% of the population with one or more ED visits per year	34.1	33.4	33.7	34.8	33.1	33.7	30.0 (25.3-34.7)	27.0 (23.2-30.8)	28.3 (25.4-31.2)	0.84 L
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	2,644	2,687	5,331	
Rate of ED visits per 1,000 population per year	301.9	299.8	300.8	325.8	310.5	317.9	183.2 (175.4-190.9)	172.0 (164.8-179.1)	177.3 (172.1-182.6)	0.59 L
Age-Adjusted rate of visits per 1,000 †	293.9	292.3	293.1	319.1	303.5	311.2	180.5 (174.2-186.8)	172.0 (166.1-177.9)	176.2 (171.9-180.5)	0.60 L
% of the population with one or more ED visits per year	18.9	19.0	18.9	19.5	19.2	19.3	12.7 (11.6-12.8)	12.2 (12.1-13.3)	12.4 (12.0-12.8)	0.66 L
Age-Adjusted % of the population with an ED visit †	19.2	19.3	19.2	19.0	19.5	19.3	12.6 (12.1-13.2)	12.2 (11.7-12.7)	12.4 (12.1-12.8)	0.65 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	301	231	532	
# of Low Triage visits	10,135	8,471	18,606	4,310	3,726	8,036	81	81	162	
Ratio of low to high Triage visits	0.38	0.42	0.40	0.41	0.46	0.43	0.37 (0.28-0.46)	0.54 (0.41-0.68)	0.44 (0.37-0.52)	1.11 NS
% of all ED visits that are Low Triage	27.4	29.4	28.3	28.5	31.3	29.7	26.9 (20.1-33.8)	35.1 (25.6-44.5)	30.5 (24.8-36.1)	1.08 NS
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	425	273	698	
# of Low Triage visits	22,320	17,595	39,915	8,622	7,106	15,728	218	116	334	
Ratio of low to high Triage visits	0.79	0.69	0.75	0.73	0.66	0.70	1.06 (0.87-1.26)	0.74 (0.57-0.92)	0.93 (0.79-1.06)	1.24 H
% of all ED visits that are Low Triage	44.0	40.7	42.4	41.8	39.5	40.7	51.3 (41.5-61.1)	42.5 (32.3-52.7)	47.9 (40.7-55.0)	1.13 NS
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	715	769	1,484	
# of Low Triage visits	46,788	45,261	92,049	24,137	23,245	47,382	294	289	583	
Ratio of low to high Triage visits	0.70	0.52	0.60	0.69	0.58	0.63	0.70 (0.60-0.80)	0.61 (0.53-0.70)	0.65 (0.59-0.72)	1.09 NS
% of all ED visits that are Low Triage	41.0	34.2	37.4	40.7	36.4	38.5	41.1 (35.0-47.2)	37.6 (32.1-43.1)	39.3 (35.2-43.4)	1.05 NS
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	574	682	1,256	
# of Low Triage visits	27,429	27,774	55,203	13,968	12,762	26,730	217	216	433	
Ratio of low to high Triage visits	0.45	0.46	0.45	0.45	0.47	0.46	0.61 (0.51-0.71)	0.47 (0.39-0.54)	0.53 (0.47-0.59)	1.16 H
% of all ED visits that are Low Triage	31.1	31.1	31.1	31.0	31.8	31.4	37.8 (31.4-44.2)	31.7 (26.6-36.8)	34.5 (30.5-38.5)	1.11 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	217	288	505	
# of Low Triage visits	6,215	7,807	14,022	2,844	3,278	6,122	59	66	125	
Ratio of low to high Triage visits	0.28	0.32	0.30	0.29	0.33	0.31	0.39 (0.27-0.50)	0.30 (0.22-0.38)	0.34 (0.27-0.40)	1.11 NS
% of all ED visits that are Low Triage	21.5	24.2	22.9	22.2	24.3	23.3	27.2 (19.1-35.3)	22.9 (16.6-29.2)	24.8 (19.8-29.8)	1.08 NS
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	412	444	856	
# of Low Triage visits	6,727	9,938	16,665	2,680	4,038	6,718	65	62	127	
Ratio of low to high Triage visits	0.19	0.19	0.19	0.18	0.19	0.19	0.19 (0.14-0.24)	0.16 (0.12-0.21)	0.18 (0.15-0.21)	0.93 NS
% of all ED visits that are Low Triage	15.6	16.1	15.9	15.3	15.7	15.5	15.8 (11.6-20.0)	14.0 (10.2-17.7)	14.8 (12.0-17.6)	0.93 NS
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	2,644	2,687	5,331	
# of Low Triage visits	119,614	116,846	236,460	56,561	54,155	110,716	934	830	1,764	
Ratio of low to high Triage visits	0.50	0.44	0.47	0.50	0.46	0.48	0.55 (0.51-0.60)	0.45 (0.42-0.49)	0.50 (0.47-0.53)	1.08 H
Age-Adjusted ratio of low to high Triage visits [‡]	0.61	0.51	0.55	0.60	0.53	0.56	0.72 (0.65-0.79)	0.56 (0.51-0.61)	0.63 (0.59-0.67)	1.15 H
% of all ED visits that are Low Triage	33.0	30.1	31.5	33.2	31.3	32.2	35.3 (32.5-38.1)	30.9 (28.4-33.4)	33.1 (31.2-35.0)	1.05 NS
Age-Adjusted % of all ED visits that are Low Triage [†]	36.3	33.2	34.6	36.2	33.9	34.9	40.1 (36.9-43.2)	34.6 (31.7-37.5)	37.3 (35.1-39.4)	1.08 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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