

## N128 – Agincourt South-Malvern West Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			Agincourt South-Malvern West			
	Males	Females	Both sexes	Males	Females	Both sexes	Males (95% CI)	Females (95% CI)	Both sexes (95% CI)	Rate Ratio**
<b>Demographics ***</b>										
Total Population Age 0-4	68,780	65,600	134,380	28,890	27,600	56,490	465	525	990	
Total Population Age 5-19	215,715	203,795	419,510	81,570	77,890	159,460	1,965	1,880	3,845	
Total Population Age 20-44	471,380	497,960	969,340	224,185	231,545	455,730	3,870	4,095	7,965	
Total Population Age 45-64	294,840	322,830	617,670	130,750	138,995	269,745	2,680	2,895	5,575	
<b>All Emergency Department (ED) visits (2009) ±</b>										
<b>Population Age 0-4</b>										
# of ED visits	36,999	28,846	65,845	15,132	11,909	27,041	244	167	411	
Rate of ED visits per 1,000 population per year	537.9	439.7	490.0	523.8	431.5	478.7	524.7 (479.3-570.1)	318.1 (278.3-357.9)	415.2 (384.5-445.8)	0.85 L
% of the population with one or more ED visits per year	34.1	29.2	31.7	33.2	28.6	31.0	33.3 (26.9-39.8)	23.6 (18.9-28.4)	28.2 (24.3-32.1)	0.89 NS
<b>Population Age 5-19</b>										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	379	269	648	
Rate of ED visits per 1,000 population per year	235.4	212.4	224.2	253.1	230.9	242.3	192.9 (175.4-210.3)	143.1 (127.3-158.9)	168.5 (156.7-180.4)	0.75 L
% of the population with one or more ED visits per year	17.3	15.0	16.2	18.3	15.8	17.1	15.2 (13.3-17.0)	11.3 (9.7-12.9)	13.3 (12.0-14.5)	0.82 L
<b>Population Age 20-44</b>										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	585	677	1,262	
Rate of ED visits per 1,000 population per year	242.0	265.6	254.1	264.8	275.4	270.2	151.2 (139.9-162.4)	165.3 (153.9-176.7)	158.4 (150.4-166.5)	0.62 L
% of the population with one or more ED visits per year	15.6	16.9	16.3	16.3	17.3	16.8	11.2 (10.1-12.4)	11.8 (10.7-12.9)	11.5 (10.7-12.3)	0.71 L
<b>Population Age 45-64</b>										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	453	527	980	
Rate of ED visits per 1,000 population per year	299.4	276.4	287.4	344.6	289.2	316.1	169.0 (154.8-183.2)	182.0 (168.0-196.1)	175.8 (165.8-185.8)	0.61 L
% of the population with one or more ED visits per year	17.8	17.6	17.7	18.9	17.6	18.2	11.8 (10.4-13.1)	13.2 (11.8-14.6)	12.5 (11.5-13.5)	0.71 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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<b>Demographics ***</b>										
Total Population Age 65-74	80,785	98,145	178,930	31,755	38,280	70,035	805	975	1,780	
Total Population Age 75+	68,060	104,610	172,670	26,385	43,330	69,715	640	810	1,450	
Total Population	1,199,560	1,292,940	2,492,500	523,535	557,640	1,081,175	10,425	11,180	21,605	
<b>All Emergency Department (ED) visits (2009) ±</b>										
<b>Population Age 65-74</b>										
# of ED visits	28,857	32,242	61,099	12,838	13,486	26,324	167	224	391	
Rate of ED visits per 1,000 population per year	357.2	328.5	341.5	404.3	352.3	375.9	207.5 (179.4-235.5)	229.7 (203.3-256.1)	219.7 (200.4-238.9)	0.64 L
% of the population with one or more ED visits per year	20.7	20.1	20.4	22.4	21.0	21.7	12.2 (9.6-14.7)	15.9 (13.2-18.6)	14.2 (12.3-16.1)	0.70 L
<b>Population Age 75+</b>										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	286	455	741	
Rate of ED visits per 1,000 population per year	634.5	590.7	608.0	663.4	595.2	621.0	446.9 (408.4-485.4)	561.7 (527.6-595.9)	511.0 (485.3-536.8)	0.84 L
% of the population with one or more ED visits per year	34.1	33.4	33.7	34.8	33.1	33.7	29.7 (24.7-34.7)	29.3 (24.8-33.7)	29.4 (26.1-32.8)	0.87 L
<b>Total Population</b>										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	2,114	2,319	4,433	
Rate of ED visits per 1,000 population per year	301.9	299.8	300.8	325.8	310.5	317.9	202.8 (193.1-212.5)	207.4 (197.9-216.9)	205.2 (198.4-212.0)	0.68 L
Age-Adjusted rate of visits per 1,000 †	293.9	292.3	293.1	319.1	303.5	311.2	204.7 (196.8-212.5)	204.3 (196.9-211.6)	204.5 (199.1-209.9)	0.70 L
% of the population with one or more ED visits per year	18.9	19.0	18.9	19.5	19.2	19.3	14.3 (13.5-15.0)	14.3 (13.5-15.1)	14.3 (13.7-14.8)	0.75 L
Age-Adjusted % of the population with an ED visit †	19.2	19.3	19.2	19.0	19.5	19.3	14.5 (13.8-15.2)	14.2 (13.5-14.9)	14.3 (13.8-14.8)	0.74 L

**CI** Confidence Interval.

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**\*\*** 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).

**†** 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**
<b>Low Triage <sup>a</sup> Emergency Department (ED) visits (2009) <sup>±</sup></b>										
<b>Population Age 0-4</b>										
# of ED visits	36,999	28,846	65,845	15,132	11,909	27,041	244	167	411	
# of Low Triage visits	10,135	8,471	18,606	4,310	3,726	8,036	68	49	117	
Ratio of low to high Triage visits	0.38	0.42	0.40	0.41	0.46	0.43	0.39 (0.29-0.48)	0.42 (0.29-0.54)	0.40 (0.32-0.48)	1.00 NS
% of all ED visits that are Low Triage	27.4	29.4	28.3	28.5	31.3	29.7	27.9 (20.1-35.7)	29.3 (19.6-39.1)	28.5 (22.4-34.6)	1.01 NS
<b>Population Age 5-19</b>										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	379	269	648	
# of Low Triage visits	22,320	17,595	39,915	8,622	7,106	15,728	184	117	301	
Ratio of low to high Triage visits	0.79	0.69	0.75	0.73	0.66	0.70	0.94 (0.76-1.12)	0.79 (0.60-0.97)	0.88 (0.75-1.00)	1.17 NS
% of all ED visits that are Low Triage	44.0	40.7	42.4	41.8	39.5	40.7	48.5 (38.8-58.3)	43.5 (33.0-54.0)	46.5 (39.3-53.6)	1.09 NS
<b>Population Age 20-44</b>										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	585	677	1,262	
# of Low Triage visits	46,788	45,261	92,049	24,137	23,245	47,382	253	257	510	
Ratio of low to high Triage visits	0.70	0.52	0.60	0.69	0.58	0.63	0.77 (0.65-0.89)	0.62 (0.52-0.71)	0.68 (0.61-0.76)	1.14 H
% of all ED visits that are Low Triage	41.0	34.2	37.4	40.7	36.4	38.5	43.2 (36.2-50.3)	38.0 (32.1-43.9)	40.4 (35.9-45.0)	1.08 NS
<b>Population Age 45-64</b>										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	453	527	980	
# of Low Triage visits	27,429	27,774	55,203	13,968	12,762	26,730	144	156	300	
Ratio of low to high Triage visits	0.45	0.46	0.45	0.45	0.47	0.46	0.47 (0.38-0.55)	0.42 (0.35-0.50)	0.44 (0.38-0.50)	0.97 NS
% of all ED visits that are Low Triage	31.1	31.1	31.1	31.0	31.8	31.4	31.8 (25.5-38.1)	29.6 (24.1-35.1)	30.6 (26.5-34.8)	0.98 NS

**CI** Confidence Interval.

**H / L / NS** Chances are at least 19 in 20 that the ratio/rate is higher (H) or lower (L) than the City of Toronto ratio/rate ( $p < 0.05$ ). Ratios/Rates marked not significantly (NS) different do not reach this level of significance.

\* 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.

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

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<b>Low Triage <sup>a</sup></b>										
<b>Emergency Department (ED) visits (2009) <sup>±</sup></b>										
<b>Population Age 65-74</b>										
# of ED visits	28,857	32,242	61,099	12,838	13,486	26,324	167	224	391	
# of Low Triage visits	6,215	7,807	14,022	2,844	3,278	6,122	38	62	100	
Ratio of low to high Triage visits	0.28	0.32	0.30	0.29	0.33	0.31	0.30 (0.19-0.40)	0.39 (0.28-0.49)	0.35 (0.27-0.42)	1.15 NS
% of all ED visits that are Low Triage	21.5	24.2	22.9	22.2	24.3	23.3	22.8 (14.5-31.0)	27.7 (19.6-35.8)	25.6 (19.8-31.4)	1.11 NS
<b>Population Age 75+</b>										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	286	455	741	
# of Low Triage visits	6,727	9,938	16,665	2,680	4,038	6,718	57	85	142	
Ratio of low to high Triage visits	0.19	0.19	0.19	0.18	0.19	0.19	0.25 (0.19-0.32)	0.23 (0.18-0.28)	0.24 (0.20-0.28)	1.26 H
% of all ED visits that are Low Triage	15.6	16.1	15.9	15.3	15.7	15.5	19.9 (14.1-25.7)	18.7 (14.3-23.1)	19.2 (15.7-22.7)	1.21 NS
<b>Total Population</b>										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	2,114	2,319	4,433	
# of Low Triage visits	119,614	116,846	236,460	56,561	54,155	110,716	744	726	1,470	
Ratio of low to high Triage visits	0.50	0.44	0.47	0.50	0.46	0.48	0.55 (0.50-0.59)	0.46 (0.42-0.50)	0.50 (0.47-0.53)	1.08 H
Age-Adjusted ratio of low to high Triage visits <sup>‡</sup>	0.61	0.51	0.55	0.60	0.53	0.56	0.69 (0.62-0.77)	0.56 (0.50-0.62)	0.62 (0.57-0.66)	1.12 H
% of all ED visits that are Low Triage	33.0	30.1	31.5	33.2	31.3	32.2	35.2 (32.1-38.3)	31.3 (28.6-34.1)	33.2 (31.1-35.2)	1.05 NS
Age-Adjusted % of all ED visits that are Low Triage <sup>†</sup>	36.3	33.2	34.6	36.2	33.9	34.9	39.1 (35.6-42.5)	34.9 (31.8-38.0)	36.9 (34.6-39.2)	1.07 H

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<sup>‡</sup> Ratios of low to high Triage visits are age-adjusted using the 1991 Canada population as the standard population.

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