

## N27 – York University Heights Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			York University Heights			
	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	825	805	1,630	
Total Population Age 5-19	215,715	203,795	419,510	81,570	77,890	159,460	2,215	2,220	4,435	
Total Population Age 20-44	471,380	497,960	969,340	224,185	231,545	455,730	5,755	5,765	11,520	
Total Population Age 45-64	294,840	322,830	617,670	130,750	138,995	269,745	2,500	2,725	5,225	
<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	495	371	866	
Rate of ED visits per 1,000 population per year	537.9	439.7	490.0	523.8	431.5	478.7	600.0 (566.6-633.4)	460.9 (426.4-495.3)	531.3 (507.1-555.5)	1.08 H
% of the population with one or more ED visits per year	34.1	29.2	31.7	33.2	28.6	31.0	37.1 (31.9-42.3)	30.1 (25.5-34.6)	33.6 (30.2-37.1)	1.06 NS
<b>Population Age 5-19</b>										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	511	537	1,048	
Rate of ED visits per 1,000 population per year	235.4	212.4	224.2	253.1	230.9	242.3	230.7 (213.2-248.2)	241.9 (224.1-259.7)	236.3 (223.8-248.8)	1.05 NS
% of the population with one or more ED visits per year	17.3	15.0	16.2	18.3	15.8	17.1	17.3 (15.4-19.2)	17.0 (15.1-18.9)	17.2 (15.8-18.5)	1.06 NS
<b>Population Age 20-44</b>										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	1,193	1,599	2,792	
Rate of ED visits per 1,000 population per year	242.0	265.6	254.1	264.8	275.4	270.2	207.3 (196.8-217.8)	277.4 (265.8-288.9)	242.4 (234.5-250.2)	0.95 L
% of the population with one or more ED visits per year	15.6	16.9	16.3	16.3	17.3	16.8	14.6 (13.5-15.7)	16.8 (15.7-18.0)	15.7 (14.9-16.5)	0.97 NS
<b>Population Age 45-64</b>										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	723	963	1,686	
Rate of ED visits per 1,000 population per year	299.4	276.4	287.4	344.6	289.2	316.1	289.2 (271.4-307.0)	353.4 (335.4-371.3)	322.7 (310.0-335.4)	1.12 H
% of the population with one or more ED visits per year	17.8	17.6	17.7	18.9	17.6	18.2	19.1 (17.2-21.0)	21.0 (19.0-22.9)	20.1 (18.7-21.4)	1.13 H

**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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	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 65-74	80,785	98,145	178,930	31,755	38,280	70,035	855	1,055	1,910	
Total Population Age 75+	68,060	104,610	172,670	26,385	43,330	69,715	590	705	1,295	
Total Population	1,199,560	1,292,940	2,492,500	523,535	557,640	1,081,175	12,740	13,275	26,015	
<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	289	389	678	
Rate of ED visits per 1,000 population per year	357.2	328.5	341.5	404.3	352.3	375.9	338.0 (306.3-369.7)	368.7 (339.6-397.8)	355.0 (333.5-376.4)	1.04 NS
% of the population with one or more ED visits per year	20.7	20.1	20.4	22.4	21.0	21.7	19.8 (16.4-23.1)	21.2 (18.1-24.4)	20.6 (18.3-22.9)	1.01 NS
<b>Population Age 75+</b>										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	410	516	926	
Rate of ED visits per 1,000 population per year	634.5	590.7	608.0	663.4	595.2	621.0	694.9 (657.8-732.1)	731.9 (699.2-764.6)	715.1 (690.5-739.6)	1.18 H
% of the population with one or more ED visits per year	34.1	33.4	33.7	34.8	33.1	33.7	40.8 (34.1-47.6)	42.7 (36.3-49.1)	41.9 (37.2-46.5)	1.24 H
<b>Total Population</b>										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	3,621	4,375	7,996	
Rate of ED visits per 1,000 population per year	301.9	299.8	300.8	325.8	310.5	317.9	284.2 (273.3-295.2)	329.6 (317.6-341.5)	307.4 (299.3-315.5)	1.02 NS
Age-Adjusted rate of visits per 1,000 †	293.9	292.3	293.1	319.1	303.5	311.2	280.5 (273.0-288.0)	329.0 (321.3-336.7)	305.0 (299.5-310.4)	1.04 H
% of the population with one or more ED visits per year	18.9	19.0	18.9	19.5	19.2	19.3	19.0 (19.4-21.1)	20.2 (18.1-19.8)	19.6 (19.0-20.2)	1.04 H
Age-Adjusted % of the population with an ED visit †	19.2	19.3	19.2	19.0	19.5	19.3	18.8 (18.2-19.5)	20.3 (19.6-21.0)	19.6 (19.1-20.0)	1.02 NS

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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	495	371	866	
# of Low Triage visits	10,135	8,471	18,606	4,310	3,726	8,036	127	94	221	
Ratio of low to high Triage visits	0.38	0.42	0.40	0.41	0.46	0.43	0.35 (0.28-0.41)	0.34 (0.27-0.41)	0.34 (0.30-0.39)	0.86 L
% of all ED visits that are Low Triage	27.4	29.4	28.3	28.5	31.3	29.7	25.7 (20.5-30.8)	25.3 (19.4-31.3)	25.5 (21.6-29.4)	0.90 NS
<b>Population Age 5-19</b>										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	511	537	1,048	
# of Low Triage visits	22,320	17,595	39,915	8,622	7,106	15,728	226	192	418	
Ratio of low to high Triage visits	0.79	0.69	0.75	0.73	0.66	0.70	0.80 (0.67-0.93)	0.56 (0.47-0.65)	0.67 (0.59-0.75)	0.90 NS
% of all ED visits that are Low Triage	44.0	40.7	42.4	41.8	39.5	40.7	44.2 (36.5-51.9)	35.8 (29.4-42.1)	39.9 (35.0-44.8)	0.94 NS
<b>Population Age 20-44</b>										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	1,193	1,599	2,792	
# of Low Triage visits	46,788	45,261	92,049	24,137	23,245	47,382	451	431	882	
Ratio of low to high Triage visits	0.70	0.52	0.60	0.69	0.58	0.63	0.61 (0.54-0.68)	0.37 (0.33-0.41)	0.46 (0.43-0.50)	0.77 L
% of all ED visits that are Low Triage	41.0	34.2	37.4	40.7	36.4	38.5	37.8 (33.4-42.2)	27.0 (24.0-29.9)	31.6 (29.1-34.1)	0.85 L
<b>Population Age 45-64</b>										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	723	963	1,686	
# of Low Triage visits	27,429	27,774	55,203	13,968	12,762	26,730	189	294	483	
Ratio of low to high Triage visits	0.45	0.46	0.45	0.45	0.47	0.46	0.36 (0.30-0.41)	0.44 (0.39-0.50)	0.40 (0.36-0.44)	0.89 L
% of all ED visits that are Low Triage	31.1	31.1	31.1	31.0	31.8	31.4	26.1 (21.8-30.5)	30.5 (26.3-34.7)	28.6 (25.6-31.7)	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.

<sup>a</sup> Low triage was defined as Canadian Triage and Acuity Scale (CTAS) levels 4 and 5 excluding those who were subsequently admitted to hospital.

<sup>±</sup> 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> 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	289	389	678	
# of Low Triage visits	6,215	7,807	14,022	2,844	3,278	6,122	58	89	147	
Ratio of low to high Triage visits	0.28	0.32	0.30	0.29	0.33	0.31	0.25 (0.18-0.32)	0.30 (0.23-0.36)	0.28 (0.23-0.33)	0.92 NS
% of all ED visits that are Low Triage	21.5	24.2	22.9	22.2	24.3	23.3	20.1 (14.3-25.8)	22.9 (17.5-28.3)	21.7 (17.7-25.6)	0.94 NS
<b>Population Age 75+</b>										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	410	516	926	
# of Low Triage visits	6,727	9,938	16,665	2,680	4,038	6,718	43	65	108	
Ratio of low to high Triage visits	0.19	0.19	0.19	0.18	0.19	0.19	0.12 (0.08-0.15)	0.15 (0.11-0.18)	0.13 (0.11-0.16)	0.69 L
% of all ED visits that are Low Triage	15.6	16.1	15.9	15.3	15.7	15.5	10.5 (7.2-13.8)	12.6 (9.3-15.9)	11.7 (9.3-14.0)	0.73 L
<b>Total Population</b>										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	3,621	4,375	7,996	
# of Low Triage visits	119,614	116,846	236,460	56,561	54,155	110,716	1,094	1,165	2,259	
Ratio of low to high Triage visits	0.50	0.44	0.47	0.50	0.46	0.48	0.44 (0.41-0.46)	0.36 (0.34-0.39)	0.40 (0.38-0.41)	0.85 L
Age-Adjusted ratio of low to high Triage visits ‡	0.61	0.51	0.55	0.60	0.53	0.56	0.54 (0.50-0.59)	0.42 (0.38-0.45)	0.46 (0.44-0.49)	0.84 L
% of all ED visits that are Low Triage	33.0	30.1	31.5	33.2	31.3	32.2	30.2 (28.1-32.4)	26.6 (24.8-28.4)	28.3 (26.9-29.6)	0.90 L
Age-Adjusted % of all ED visits that are Low Triage †	36.3	33.2	34.6	36.2	33.9	34.9	33.7 (31.3-36.0)	28.6 (26.7-30.6)	30.7 (29.2-32.2)	0.89 L

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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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