

## N15 – Kingsway South Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			Kingsway South			
	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	275	255	530	
Total Population Age 5-19	215,715	203,795	419,510	81,570	77,890	159,460	845	845	1,690	
Total Population Age 20-44	471,380	497,960	969,340	224,185	231,545	455,730	1,190	1,270	2,460	
Total Population Age 45-64	294,840	322,830	617,670	130,750	138,995	269,745	1,190	1,365	2,555	
<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	128	95	223	
Rate of ED visits per 1,000 population per year	537.9	439.7	490.0	523.8	431.5	478.7	465.5 (406.5-524.4)	372.5 (313.2-431.9)	420.8 (378.7-462.8)	0.86 L
% of the population with one or more ED visits per year	34.1	29.2	31.7	33.2	28.6	31.0	32.0 (23.9-40.1)	25.9 (18.6-33.1)	29.1 (23.6-34.5)	0.92 NS
<b>Population Age 5-19</b>										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	242	186	428	
Rate of ED visits per 1,000 population per year	235.4	212.4	224.2	253.1	230.9	242.3	286.4 (255.9-316.9)	220.1 (192.2-248.1)	253.3 (232.5-274.0)	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	20.7 (17.3-24.2)	16.4 (13.5-19.4)	18.6 (16.3-20.9)	1.15 H
<b>Population Age 20-44</b>										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	240	290	530	
Rate of ED visits per 1,000 population per year	242.0	265.6	254.1	264.8	275.4	270.2	201.7 (178.9-224.5)	228.3 (205.3-251.4)	215.4 (199.2-231.7)	0.85 L
% of the population with one or more ED visits per year	15.6	16.9	16.3	16.3	17.3	16.8	14.0 (11.7-16.3)	17.1 (14.6-19.6)	15.6 (13.9-17.3)	0.96 NS
<b>Population Age 45-64</b>										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	232	253	485	
Rate of ED visits per 1,000 population per year	299.4	276.4	287.4	344.6	289.2	316.1	195.0 (172.4-217.5)	185.3 (164.7-206.0)	189.8 (174.6-205.0)	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	14.3 (12.0-16.6)	14.2 (12.1-16.4)	14.2 (12.7-15.8)	0.81 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	335	380	715	
Total Population Age 75+	68,060	104,610	172,670	26,385	43,330	69,715	300	545	845	
Total Population	1,199,560	1,292,940	2,492,500	523,535	557,640	1,081,175	4,135	4,660	8,795	
<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	98	123	221	
Rate of ED visits per 1,000 population per year	357.2	328.5	341.5	404.3	352.3	375.9	292.5 (243.8-341.3)	323.7 (276.6-370.7)	309.1 (275.2-343.0)	0.91 NS
% of the population with one or more ED visits per year	20.7	20.1	20.4	22.4	21.0	21.7	19.1 (13.9-24.3)	20.3 (15.2-25.3)	19.7 (16.1-23.4)	0.97 NS
<b>Population Age 75+</b>										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	157	321	478	
Rate of ED visits per 1,000 population per year	634.5	590.7	608.0	663.4	595.2	621.0	523.3 (466.8-579.9)	589.0 (547.7-630.3)	565.7 (532.3-599.1)	0.93 L
% of the population with one or more ED visits per year	34.1	33.4	33.7	34.8	33.1	33.7	27.3 (20.4-34.3)	33.6 (27.6-39.5)	31.4 (26.8-35.9)	0.93 NS
<b>Total Population</b>										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	1,097	1,268	2,365	
Rate of ED visits per 1,000 population per year	301.9	299.8	300.8	325.8	310.5	317.9	265.3 (247.0-283.6)	272.1 (254.5-289.7)	268.9 (256.2-281.6)	0.89 L
Age-Adjusted rate of visits per 1,000 †	293.9	292.3	293.1	319.1	303.5	311.2	256.6 (242.1-271.0)	265.0 (250.8-279.2)	260.8 (250.7-271.0)	0.89 L
% of the population with one or more ED visits per year	18.9	19.0	18.9	19.5	19.2	19.3	18.0 (17.4-20.2)	18.8 (16.6-19.5)	18.4 (17.4-19.4)	0.97 NS
Age-Adjusted % of the population with an ED visit †	19.2	19.3	19.2	19.0	19.5	19.3	17.7 (16.5-19.0)	19.1 (17.8-20.4)	18.4 (17.5-19.3)	0.96 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).

**†** 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	128	95	223	
# of Low Triage visits	10,135	8,471	18,606	4,310	3,726	8,036	34	32	66	
Ratio of low to high Triage visits	0.38	0.42	0.40	0.41	0.46	0.43	0.37 (0.24-0.50)	0.52 (0.32-0.73)	0.43 (0.32-0.54)	1.08 NS
% of all ED visits that are Low Triage	27.4	29.4	28.3	28.5	31.3	29.7	26.6 (16.1-37.0)	33.7 (19.4-48.0)	29.6 (21.1-38.1)	1.05 NS
<b>Population Age 5-19</b>										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	242	186	428	
# of Low Triage visits	22,320	17,595	39,915	8,622	7,106	15,728	95	86	181	
Ratio of low to high Triage visits	0.79	0.69	0.75	0.73	0.66	0.70	0.65 (0.49-0.80)	0.86 (0.63-1.09)	0.73 (0.60-0.86)	0.98 NS
% of all ED visits that are Low Triage	44.0	40.7	42.4	41.8	39.5	40.7	39.3 (29.1-49.4)	46.2 (32.9-59.6)	42.3 (34.2-50.4)	1.00 NS
<b>Population Age 20-44</b>										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	240	290	530	
# of Low Triage visits	46,788	45,261	92,049	24,137	23,245	47,382	92	115	207	
Ratio of low to high Triage visits	0.70	0.52	0.60	0.69	0.58	0.63	0.63 (0.47-0.79)	0.66 (0.51-0.80)	0.64 (0.54-0.75)	1.07 NS
% of all ED visits that are Low Triage	41.0	34.2	37.4	40.7	36.4	38.5	38.3 (28.4-48.3)	39.7 (30.3-49.0)	39.1 (32.2-45.9)	1.05 NS
<b>Population Age 45-64</b>										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	232	253	485	
# of Low Triage visits	27,429	27,774	55,203	13,968	12,762	26,730	64	100	164	
Ratio of low to high Triage visits	0.45	0.46	0.45	0.45	0.47	0.46	0.38 (0.28-0.49)	0.67 (0.51-0.83)	0.52 (0.42-0.61)	1.14 NS
% of all ED visits that are Low Triage	31.1	31.1	31.1	31.0	31.8	31.4	27.6 (19.6-35.5)	39.5 (29.6-49.5)	33.8 (27.5-40.2)	1.09 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.

**±** 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	98	123	221	
# of Low Triage visits	6,215	7,807	14,022	2,844	3,278	6,122	26	47	73	
Ratio of low to high Triage visits	0.28	0.32	0.30	0.29	0.33	0.31	0.37 (0.21-0.52)	0.62 (0.41-0.83)	0.50 (0.37-0.63)	1.65 H
% of all ED visits that are Low Triage	21.5	24.2	22.9	22.2	24.3	23.3	26.5 (14.6-38.4)	38.2 (24.3-52.1)	33.0 (23.8-42.3)	1.44 H
<b>Population Age 75+</b>										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	157	321	478	
# of Low Triage visits	6,727	9,938	16,665	2,680	4,038	6,718	30	51	81	
Ratio of low to high Triage visits	0.19	0.19	0.19	0.18	0.19	0.19	0.24 (0.15-0.32)	0.19 (0.14-0.25)	0.21 (0.16-0.25)	1.08 NS
% of all ED visits that are Low Triage	15.6	16.1	15.9	15.3	15.7	15.5	19.1 (11.5-26.7)	15.9 (11.1-20.6)	16.9 (12.9-21.0)	1.07 NS
<b>Total Population</b>										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	1,097	1,268	2,365	
# of Low Triage visits	119,614	116,846	236,460	56,561	54,155	110,716	341	431	772	
Ratio of low to high Triage visits	0.50	0.44	0.47	0.50	0.46	0.48	0.45 (0.40-0.51)	0.52 (0.46-0.58)	0.49 (0.45-0.53)	1.05 NS
Age-Adjusted ratio of low to high Triage visits <sup>‡</sup>	0.61	0.51	0.55	0.60	0.53	0.56	0.54 (0.46-0.63)	0.67 (0.58-0.76)	0.60 (0.54-0.66)	1.08 NS
% of all ED visits that are Low Triage	33.0	30.1	31.5	33.2	31.3	32.2	31.1 (27.1-35.1)	34.0 (30.0-37.9)	32.6 (29.8-35.4)	1.04 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	34.1 (29.3-38.8)	39.1 (34.6-43.6)	36.6 (33.4-39.8)	1.06 NS

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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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