

N70 – South Riverdale Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			South Riverdale			
	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	620	595	1,215	
Total Population Age 5-19	215,715	203,795	419,510	81,570	77,890	159,460	1,900	1,715	3,615	
Total Population Age 20-44	471,380	497,960	969,340	224,185	231,545	455,730	5,430	5,335	10,765	
Total Population Age 45-64	294,840	322,830	617,670	130,750	138,995	269,745	3,235	3,010	6,245	
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	328	226	554	
Rate of ED visits per 1,000 population per year	537.9	439.7	490.0	523.8	431.5	478.7	529.0 (489.7-568.3)	379.8 (340.8-418.8)	456.0 (428.0-484.0)	0.93 L
% of the population with one or more ED visits per year	34.1	29.2	31.7	33.2	28.6	31.0	36.6 (30.6-42.6)	29.6 (24.4-34.8)	33.2 (29.2-37.1)	1.05 NS
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	322	351	673	
Rate of ED visits per 1,000 population per year	235.4	212.4	224.2	253.1	230.9	242.3	169.5 (152.6-186.3)	204.7 (185.6-223.8)	186.2 (173.5-198.9)	0.83 L
% of the population with one or more ED visits per year	17.3	15.0	16.2	18.3	15.8	17.1	12.9 (11.2-14.6)	12.5 (10.7-14.3)	12.7 (11.5-14.0)	0.79 L
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	1,292	1,412	2,704	
Rate of ED visits per 1,000 population per year	242.0	265.6	254.1	264.8	275.4	270.2	237.9 (226.6-249.3)	264.7 (252.8-276.5)	251.2 (243.0-259.4)	0.99 NS
% of the population with one or more ED visits per year	15.6	16.9	16.3	16.3	17.3	16.8	14.7 (13.6-15.8)	16.4 (15.2-17.6)	15.5 (14.7-16.4)	0.96 NS
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	1,296	785	2,081	
Rate of ED visits per 1,000 population per year	299.4	276.4	287.4	344.6	289.2	316.1	400.6 (383.7-417.5)	260.8 (245.1-276.5)	333.2 (321.5-344.9)	1.16 H
% of the population with one or more ED visits per year	17.8	17.6	17.7	18.9	17.6	18.2	19.2 (17.5-20.9)	15.9 (14.4-17.5)	17.6 (16.5-18.8)	1.00 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).

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Demographics ***										
Total Population Age 65-74	80,785	98,145	178,930	31,755	38,280	70,035	650	775	1,425	
Total Population Age 75+	68,060	104,610	172,670	26,385	43,330	69,715	520	740	1,260	
Total Population	1,199,560	1,292,940	2,492,500	523,535	557,640	1,081,175	12,355	12,170	24,525	
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	227	261	488	
Rate of ED visits per 1,000 population per year	357.2	328.5	341.5	404.3	352.3	375.9	349.2 (312.6-385.9)	336.8 (303.5-370.0)	342.5 (317.8-367.1)	1.00 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 (16.0-23.7)	17.4 (14.2-20.7)	18.5 (16.1-21.0)	0.91 NS
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	305	449	754	
Rate of ED visits per 1,000 population per year	634.5	590.7	608.0	663.4	595.2	621.0	586.5 (544.2-628.9)	606.8 (571.6-642.0)	598.4 (571.3-625.5)	0.98 NS
% of the population with one or more ED visits per year	34.1	33.4	33.7	34.8	33.1	33.7	31.0 (25.2-36.7)	31.4 (26.5-36.2)	31.2 (27.5-34.9)	0.93 NS
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	3,770	3,484	7,254	
Rate of ED visits per 1,000 population per year	301.9	299.8	300.8	325.8	310.5	317.9	305.1 (293.5-316.8)	286.3 (275.0-297.5)	295.8 (287.7-303.9)	0.98 NS
Age-Adjusted rate of visits per 1,000 †	293.9	292.3	293.1	319.1	303.5	311.2	296.7 (288.8-304.7)	289.9 (281.8-298.0)	293.3 (287.6-299.0)	1.00 NS
% of the population with one or more ED visits per year	18.9	19.0	18.9	19.5	19.2	19.3	17.7 (16.6-18.2)	17.4 (16.8-18.5)	17.5 (16.9-18.1)	0.93 L
Age-Adjusted % of the population with an ED visit †	19.2	19.3	19.2	19.0	19.5	19.3	17.9 (17.2-18.6)	17.6 (16.9-18.3)	17.7 (17.2-18.2)	0.92 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	328	226	554	
# of Low Triage visits	10,135	8,471	18,606	4,310	3,726	8,036	112	67	179	
Ratio of low to high Triage visits	0.38	0.42	0.40	0.41	0.46	0.43	0.52 (0.42-0.62)	0.43 (0.31-0.54)	0.48 (0.40-0.56)	1.21 H
% of all ED visits that are Low Triage	27.4	29.4	28.3	28.5	31.3	29.7	34.1 (26.4-41.9)	29.6 (21.2-38.1)	32.3 (26.6-38.1)	1.14 NS
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	322	351	673	
# of Low Triage visits	22,320	17,595	39,915	8,622	7,106	15,728	143	129	272	
Ratio of low to high Triage visits	0.79	0.69	0.75	0.73	0.66	0.70	0.83 (0.65-1.00)	0.60 (0.47-0.72)	0.70 (0.60-0.80)	0.94 NS
% of all ED visits that are Low Triage	44.0	40.7	42.4	41.8	39.5	40.7	44.4 (34.6-54.2)	36.8 (28.8-44.7)	40.4 (34.2-46.6)	0.95 NS
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	1,292	1,412	2,704	
# of Low Triage visits	46,788	45,261	92,049	24,137	23,245	47,382	532	540	1,072	
Ratio of low to high Triage visits	0.70	0.52	0.60	0.69	0.58	0.63	0.70 (0.63-0.78)	0.63 (0.56-0.69)	0.66 (0.61-0.71)	1.10 H
% of all ED visits that are Low Triage	41.0	34.2	37.4	40.7	36.4	38.5	41.2 (36.6-45.7)	38.2 (34.1-42.3)	39.6 (36.6-42.7)	1.06 NS
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	1,296	785	2,081	
# of Low Triage visits	27,429	27,774	55,203	13,968	12,762	26,730	406	259	665	
Ratio of low to high Triage visits	0.45	0.46	0.45	0.45	0.47	0.46	0.46 (0.41-0.51)	0.50 (0.43-0.57)	0.48 (0.44-0.52)	1.05 NS
% of all ED visits that are Low Triage	31.1	31.1	31.1	31.0	31.8	31.4	31.3 (27.6-35.0)	33.0 (28.1-37.9)	32.0 (29.0-34.9)	1.03 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	227	261	488	
# of Low Triage visits	6,215	7,807	14,022	2,844	3,278	6,122	44	53	97	
Ratio of low to high Triage visits	0.28	0.32	0.30	0.29	0.33	0.31	0.24 (0.17-0.32)	0.26 (0.19-0.34)	0.25 (0.20-0.30)	0.83 NS
% of all ED visits that are Low Triage	21.5	24.2	22.9	22.2	24.3	23.3	19.4 (13.0-25.8)	20.3 (14.2-26.4)	19.9 (15.5-24.3)	0.87 NS
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	305	449	754	
# of Low Triage visits	6,727	9,938	16,665	2,680	4,038	6,718	59	65	124	
Ratio of low to high Triage visits	0.19	0.19	0.19	0.18	0.19	0.19	0.24 (0.18-0.31)	0.17 (0.13-0.21)	0.20 (0.16-0.23)	1.03 NS
% of all ED visits that are Low Triage	15.6	16.1	15.9	15.3	15.7	15.5	19.3 (13.8-24.8)	14.5 (10.7-18.3)	16.4 (13.3-19.6)	1.04 NS
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	3,770	3,484	7,254	
# of Low Triage visits	119,614	116,846	236,460	56,561	54,155	110,716	1,296	1,113	2,409	
Ratio of low to high Triage visits	0.50	0.44	0.47	0.50	0.46	0.48	0.53 (0.50-0.56)	0.47 (0.44-0.51)	0.50 (0.48-0.53)	1.08 H
Age-Adjusted ratio of low to high Triage visits [‡]	0.61	0.51	0.55	0.60	0.53	0.56	0.65 (0.59-0.70)	0.56 (0.51-0.61)	0.59 (0.55-0.62)	1.06 H
% of all ED visits that are Low Triage	33.0	30.1	31.5	33.2	31.3	32.2	34.4 (32.1-36.7)	31.9 (29.7-34.2)	33.2 (31.6-34.8)	1.05 H
Age-Adjusted % of all ED visits that are Low Triage [†]	36.3	33.2	34.6	36.2	33.9	34.9	37.8 (35.1-40.4)	34.3 (31.9-36.7)	35.8 (34.0-37.5)	1.03 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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