

N72 – Regent Park Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			Regent Park			
	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	395	415	810	
Total Population Age 5-19	215,715	203,795	419,510	81,570	77,890	159,460	1,525	1,490	3,015	
Total Population Age 20-44	471,380	497,960	969,340	224,185	231,545	455,730	1,900	2,150	4,050	
Total Population Age 45-64	294,840	322,830	617,670	130,750	138,995	269,745	1,100	950	2,050	
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	197	188	385	
Rate of ED visits per 1,000 population per year	537.9	439.7	490.0	523.8	431.5	478.7	498.7 (449.4-548.0)	453.0 (405.1-500.9)	475.3 (440.9-509.7)	0.97 NS
% of the population with one or more ED visits per year	34.1	29.2	31.7	33.2	28.6	31.0	27.3 (21.3-33.4)	28.0 (22.0-33.9)	27.7 (23.4-31.9)	0.87 NS
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	345	294	639	
Rate of ED visits per 1,000 population per year	235.4	212.4	224.2	253.1	230.9	242.3	226.2 (205.2-247.2)	197.3 (177.1-217.5)	211.9 (197.4-226.5)	0.95 NS
% of the population with one or more ED visits per year	17.3	15.0	16.2	18.3	15.8	17.1	15.9 (13.7-18.0)	13.4 (11.4-15.3)	14.6 (13.1-16.1)	0.90 L
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	831	727	1,558	
Rate of ED visits per 1,000 population per year	242.0	265.6	254.1	264.8	275.4	270.2	437.4 (415.1-459.7)	338.1 (318.1-358.1)	384.7 (369.7-399.7)	1.51 H
% of the population with one or more ED visits per year	15.6	16.9	16.3	16.3	17.3	16.8	21.6 (19.3-24.0)	19.1 (17.0-21.1)	20.3 (18.7-21.8)	1.25 H
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	668	400	1,068	
Rate of ED visits per 1,000 population per year	299.4	276.4	287.4	344.6	289.2	316.1	607.3 (578.4-636.1)	421.1 (389.7-452.4)	521.0 (499.4-542.6)	1.81 H
% of the population with one or more ED visits per year	17.8	17.6	17.7	18.9	17.6	18.2	27.8 (24.1-31.5)	24.8 (21.2-28.5)	26.4 (23.8-29.0)	1.50 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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Demographics ***										
Total Population Age 65-74	80,785	98,145	178,930	31,755	38,280	70,035	135	145	280	
Total Population Age 75+	68,060	104,610	172,670	26,385	43,330	69,715	75	75	150	
Total Population	1,199,560	1,292,940	2,492,500	523,535	557,640	1,081,175	5,130	5,225	10,355	
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	89	69	158	
Rate of ED visits per 1,000 population per year	357.2	328.5	341.5	404.3	352.3	375.9	659.3 (579.3-739.2)	475.9 (394.6-557.2)	564.3 (506.2-622.4)	1.65 H
% of the population with one or more ED visits per year	20.7	20.1	20.4	22.4	21.0	21.7	28.9 (18.1-39.6)	26.2 (16.5-35.9)	27.5 (20.3-34.7)	1.35 NS
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	54	67	121	
Rate of ED visits per 1,000 population per year	634.5	590.7	608.0	663.4	595.2	621.0	720.0 (618.4-821.6)	893.3 (823.5-963.2)	806.7 (743.5-869.9)	1.33 H
% of the population with one or more ED visits per year	34.1	33.4	33.7	34.8	33.1	33.7	37.3 (19.9-54.8)	45.3 (24.7-65.9)	41.3 (27.9-54.8)	1.23 NS
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	2,184	1,745	3,929	
Rate of ED visits per 1,000 population per year	301.9	299.8	300.8	325.8	310.5	317.9	425.7 (402.2-449.3)	334.0 (314.8-353.2)	379.4 (364.4-394.5)	1.26 H
Age-Adjusted rate of visits per 1,000 †	293.9	292.3	293.1	319.1	303.5	311.2	568.5 (364.6-772.4)	384.3 (367.7-400.9)	475.6 (465.5-485.7)	1.62 H
% of the population with one or more ED visits per year	18.9	19.0	18.9	19.5	19.2	19.3	22.1 (18.4-21.1)	19.8 (20.6-23.6)	20.9 (19.9-21.9)	1.11 H
Age-Adjusted % of the population with an ED visit †	19.2	19.3	19.2	19.0	19.5	19.3	23.6 (22.3-24.9)	22.2 (20.9-23.4)	23.0 (22.1-23.9)	1.20 H

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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	197	188	385	
# of Low Triage visits	10,135	8,471	18,606	4,310	3,726	8,036	66	78	144	
Ratio of low to high Triage visits	0.38	0.42	0.40	0.41	0.46	0.43	0.52 (0.38-0.66)	0.72 (0.53-0.90)	0.61 (0.50-0.72)	1.53 H
% of all ED visits that are Low Triage	27.4	29.4	28.3	28.5	31.3	29.7	33.5 (23.6-43.4)	41.5 (29.5-53.5)	37.4 (29.7-45.1)	1.32 H
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	345	294	639	
# of Low Triage visits	22,320	17,595	39,915	8,622	7,106	15,728	156	119	275	
Ratio of low to high Triage visits	0.79	0.69	0.75	0.73	0.66	0.70	0.84 (0.67-1.01)	0.69 (0.54-0.84)	0.77 (0.65-0.88)	1.03 NS
% of all ED visits that are Low Triage	44.0	40.7	42.4	41.8	39.5	40.7	45.2 (35.6-54.8)	40.5 (31.0-49.9)	43.0 (36.3-49.8)	1.01 NS
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	831	727	1,558	
# of Low Triage visits	46,788	45,261	92,049	24,137	23,245	47,382	325	258	583	
Ratio of low to high Triage visits	0.70	0.52	0.60	0.69	0.58	0.63	0.65 (0.57-0.73)	0.55 (0.48-0.63)	0.60 (0.55-0.66)	1.01 NS
% of all ED visits that are Low Triage	41.0	34.2	37.4	40.7	36.4	38.5	39.1 (33.7-44.6)	35.5 (30.1-40.9)	37.4 (33.6-41.3)	1.00 NS
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	668	400	1,068	
# of Low Triage visits	27,429	27,774	55,203	13,968	12,762	26,730	224	129	353	
Ratio of low to high Triage visits	0.45	0.46	0.45	0.45	0.47	0.46	0.51 (0.44-0.58)	0.48 (0.39-0.57)	0.50 (0.44-0.55)	1.10 NS
% of all ED visits that are Low Triage	31.1	31.1	31.1	31.0	31.8	31.4	33.5 (28.1-38.9)	32.3 (25.5-39.0)	33.1 (28.8-37.3)	1.06 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	89	69	158	
# of Low Triage visits	6,215	7,807	14,022	2,844	3,278	6,122	23	12*	35	
Ratio of low to high Triage visits	0.28	0.32	0.30	0.29	0.33	0.31	0.35 (0.21-0.50)	0.21* (0.09-0.33)	0.29 (0.19-0.38)	0.95 NS
% of all ED visits that are Low Triage	21.5	24.2	22.9	22.2	24.3	23.3	25.8 (13.6-38.1)	17.4* (6.6-28.2)	22.2 (13.8-30.5)	0.97 NS
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	54	67	121	
# of Low Triage visits	6,727	9,938	16,665	2,680	4,038	6,718	11*	12*	23	
Ratio of low to high Triage visits	0.19	0.19	0.19	0.18	0.19	0.19	0.26* (0.11-0.40)	0.22* (0.10-0.34)	0.23 (0.14-0.33)	1.23 NS
% of all ED visits that are Low Triage	15.6	16.1	15.9	15.3	15.7	15.5	20.4* (6.9-33.9)	17.9* (6.7-29.1)	19.0 (10.4-27.6)	1.20 NS
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	2,184	1,745	3,929	
# of Low Triage visits	119,614	116,846	236,460	56,561	54,155	110,716	805	608	1,413	
Ratio of low to high Triage visits	0.50	0.44	0.47	0.50	0.46	0.48	0.59 (0.55-0.64)	0.54 (0.49-0.59)	0.57 (0.53-0.60)	1.22 H
Age-Adjusted ratio of low to high Triage visits ‡	0.61	0.51	0.55	0.60	0.53	0.56	0.64 (0.58-0.70)	0.55 (0.50-0.61)	0.59 (0.55-0.63)	1.08 H
% of all ED visits that are Low Triage	33.0	30.1	31.5	33.2	31.3	32.2	36.9 (33.7-40.1)	34.8 (31.4-38.3)	36.0 (33.6-38.3)	1.14 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 (34.8-40.7)	34.0 (30.9-37.0)	36.0 (33.9-38.1)	1.04 NS

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