

N4 – Rexdale-Kipling Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			Rexdale-Kipling			
	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	305	240	545	
Total Population Age 5-19	215,715	203,795	419,510	81,570	77,890	159,460	1,055	900	1,955	
Total Population Age 20-44	471,380	497,960	969,340	224,185	231,545	455,730	1,765	1,830	3,595	
Total Population Age 45-64	294,840	322,830	617,670	130,750	138,995	269,745	1,335	1,385	2,720	
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	148	130	278	
Rate of ED visits per 1,000 population per year	537.9	439.7	490.0	523.8	431.5	478.7	485.2 (429.2-541.3)	541.7 (478.6-604.7)	510.1 (468.1-552.1)	1.04 NS
% of the population with one or more ED visits per year	34.1	29.2	31.7	33.2	28.6	31.0	30.2 (22.8-37.5)	33.3 (24.4-42.3)	31.6 (25.9-37.3)	1.00 NS
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	240	210	450	
Rate of ED visits per 1,000 population per year	235.4	212.4	224.2	253.1	230.9	242.3	227.5 (202.2-252.8)	233.3 (205.7-261.0)	230.2 (211.5-248.8)	1.03 NS
% of the population with one or more ED visits per year	17.3	15.0	16.2	18.3	15.8	17.1	17.1 (14.3-19.8)	16.3 (13.4-19.2)	16.7 (14.7-18.7)	1.03 NS
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	431	561	992	
Rate of ED visits per 1,000 population per year	242.0	265.6	254.1	264.8	275.4	270.2	244.2 (224.1-264.2)	306.6 (285.4-327.7)	275.9 (261.3-290.6)	1.09 H
% of the population with one or more ED visits per year	15.6	16.9	16.3	16.3	17.3	16.8	16.3 (14.3-18.4)	19.6 (17.4-21.9)	18.0 (16.5-19.5)	1.11 H
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	392	456	848	
Rate of ED visits per 1,000 population per year	299.4	276.4	287.4	344.6	289.2	316.1	293.6 (269.2-318.1)	329.2 (304.5-354.0)	311.8 (294.4-329.2)	1.08 H
% of the population with one or more ED visits per year	17.8	17.6	17.7	18.9	17.6	18.2	18.7 (16.2-21.3)	20.7 (18.0-23.4)	19.7 (17.9-21.6)	1.12 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	440	485	925	
Total Population Age 75+	68,060	104,610	172,670	26,385	43,330	69,715	405	670	1,075	
Total Population	1,199,560	1,292,940	2,492,500	523,535	557,640	1,081,175	5,305	5,510	10,815	
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	128	151	279	
Rate of ED visits per 1,000 population per year	357.2	328.5	341.5	404.3	352.3	375.9	290.9 (248.5-333.3)	311.3 (270.1-352.6)	301.6 (272.0-331.2)	0.88 L
% of the population with one or more ED visits per year	20.7	20.1	20.4	22.4	21.0	21.7	18.0 (13.6-22.3)	20.4 (15.9-24.9)	19.2 (16.1-22.4)	0.94 NS
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	262	304	566	
Rate of ED visits per 1,000 population per year	634.5	590.7	608.0	663.4	595.2	621.0	646.9 (600.4-693.5)	453.7 (416.0-491.4)	526.5 (496.7-556.4)	0.87 L
% 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 (29.8-44.8)	26.9 (22.3-31.5)	30.8 (26.8-34.8)	0.91 NS
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	1,601	1,812	3,413	
Rate of ED visits per 1,000 population per year	301.9	299.8	300.8	325.8	310.5	317.9	301.8 (284.1-319.5)	328.9 (310.4-347.3)	315.6 (302.8-328.4)	1.05 H
Age-Adjusted rate of visits per 1,000 †	293.9	292.3	293.1	319.1	303.5	311.2	285.4 (273.0-297.7)	323.2 (310.5-335.9)	304.5 (295.6-313.4)	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	19.6 (19.5-22.3)	20.9 (18.3-20.9)	20.3 (19.3-21.2)	1.07 H
Age-Adjusted % of the population with an ED visit †	19.2	19.3	19.2	19.0	19.5	19.3	18.9 (17.8-20.0)	20.7 (19.6-21.8)	19.8 (19.0-20.6)	1.03 NS

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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	148	130	278	
# of Low Triage visits	10,135	8,471	18,606	4,310	3,726	8,036	33	35	68	
Ratio of low to high Triage visits	0.38	0.42	0.40	0.41	0.46	0.43	0.29 (0.19-0.39)	0.37 (0.24-0.50)	0.33 (0.25-0.41)	0.82 NS
% of all ED visits that are Low Triage	27.4	29.4	28.3	28.5	31.3	29.7	22.3 (13.7-30.9)	26.9 (16.5-37.4)	24.5 (17.8-31.1)	0.87 NS
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	240	210	450	
# of Low Triage visits	22,320	17,595	39,915	8,622	7,106	15,728	85	75	160	
Ratio of low to high Triage visits	0.79	0.69	0.75	0.73	0.66	0.70	0.55 (0.41-0.69)	0.56 (0.41-0.71)	0.56 (0.45-0.66)	0.75 L
% of all ED visits that are Low Triage	44.0	40.7	42.4	41.8	39.5	40.7	35.4 (26.0-44.8)	35.7 (25.6-45.8)	35.6 (28.7-42.4)	0.84 L
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	431	561	992	
# of Low Triage visits	46,788	45,261	92,049	24,137	23,245	47,382	154	137	291	
Ratio of low to high Triage visits	0.70	0.52	0.60	0.69	0.58	0.63	0.56 (0.46-0.66)	0.32 (0.26-0.38)	0.42 (0.36-0.47)	0.69 L
% of all ED visits that are Low Triage	41.0	34.2	37.4	40.7	36.4	38.5	35.7 (28.7-42.8)	24.4 (19.7-29.1)	29.3 (25.3-33.3)	0.79 L
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	392	456	848	
# of Low Triage visits	27,429	27,774	55,203	13,968	12,762	26,730	94	90	184	
Ratio of low to high Triage visits	0.45	0.46	0.45	0.45	0.47	0.46	0.32 (0.25-0.39)	0.25 (0.19-0.30)	0.28 (0.24-0.32)	0.61 L
% of all ED visits that are Low Triage	31.1	31.1	31.1	31.0	31.8	31.4	24.0 (18.4-29.5)	19.7 (15.2-24.3)	21.7 (18.2-25.2)	0.70 L

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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	128	151	279	
# of Low Triage visits	6,215	7,807	14,022	2,844	3,278	6,122	19*	25	44	
Ratio of low to high Triage visits	0.28	0.32	0.30	0.29	0.33	0.31	0.18* (0.09-0.26)	0.20 (0.12-0.28)	0.19 (0.13-0.25)	0.62 L
% of all ED visits that are Low Triage	21.5	24.2	22.9	22.2	24.3	23.3	14.8* (7.6-22.1)	16.6 (9.5-23.7)	15.8 (10.7-20.8)	0.69 L
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	262	304	566	
# of Low Triage visits	6,727	9,938	16,665	2,680	4,038	6,718	22	32	54	
Ratio of low to high Triage visits	0.19	0.19	0.19	0.18	0.19	0.19	0.09 (0.05-0.13)	0.12 (0.08-0.16)	0.11 (0.08-0.13)	0.56 L
% of all ED visits that are Low Triage	15.6	16.1	15.9	15.3	15.7	15.5	8.4 (4.7-12.1)	10.5 (6.7-14.4)	9.5 (6.9-12.2)	0.60 L
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	1,601	1,812	3,413	
# of Low Triage visits	119,614	116,846	236,460	56,561	54,155	110,716	407	394	801	
Ratio of low to high Triage visits	0.50	0.44	0.47	0.50	0.46	0.48	0.34 (0.31-0.38)	0.28 (0.25-0.31)	0.31 (0.29-0.33)	0.66 L
Age-Adjusted ratio of low to high Triage visits [‡]	0.61	0.51	0.55	0.60	0.53	0.56	0.47 (0.41-0.53)	0.35 (0.31-0.40)	0.39 (0.36-0.42)	0.70 L
% of all ED visits that are Low Triage	33.0	30.1	31.5	33.2	31.3	32.2	25.4 (22.6-28.3)	21.7 (19.3-24.2)	23.5 (21.6-25.3)	0.74 L
Age-Adjusted % of all ED visits that are Low Triage [†]	36.3	33.2	34.6	36.2	33.9	34.9	30.5 (27.1-34.0)	24.9 (22.1-27.8)	27.2 (25.1-29.4)	0.79 L

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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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