

N69 – Blake-Jones Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			Blake-Jones			
	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	250	220	470	
Total Population Age 5-19	215,715	203,795	419,510	81,570	77,890	159,460	725	670	1,395	
Total Population Age 20-44	471,380	497,960	969,340	224,185	231,545	455,730	1,560	1,650	3,210	
Total Population Age 45-64	294,840	322,830	617,670	130,750	138,995	269,745	910	1,010	1,920	
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	123	73	196	
Rate of ED visits per 1,000 population per year	537.9	439.7	490.0	523.8	431.5	478.7	492.0 (430.0-554.0)	331.8 (269.6-394.0)	417.0 (372.4-461.6)	0.85 L
% of the population with one or more ED visits per year	34.1	29.2	31.7	33.2	28.6	31.0	30.8 (22.5-39.1)	26.8 (18.8-34.8)	28.9 (23.2-34.7)	0.91 NS
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	159	128	287	
Rate of ED visits per 1,000 population per year	235.4	212.4	224.2	253.1	230.9	242.3	219.3 (189.2-249.4)	191.0 (161.3-220.8)	205.7 (184.5-226.9)	0.92 NS
% of the population with one or more ED visits per year	17.3	15.0	16.2	18.3	15.8	17.1	16.7 (13.4-19.9)	12.5 (9.7-15.4)	14.7 (12.5-16.9)	0.91 NS
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	395	479	874	
Rate of ED visits per 1,000 population per year	242.0	265.6	254.1	264.8	275.4	270.2	253.2 (231.6-274.8)	290.3 (268.4-312.2)	272.3 (256.9-287.7)	1.07 H
% of the population with one or more ED visits per year	15.6	16.9	16.3	16.3	17.3	16.8	16.2 (14.0-18.4)	16.8 (14.6-19.0)	16.5 (15.0-18.0)	1.02 NS
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	264	247	511	
Rate of ED visits per 1,000 population per year	299.4	276.4	287.4	344.6	289.2	316.1	290.1 (260.6-319.6)	244.6 (218.0-271.1)	266.1 (246.4-285.9)	0.93 L
% of the population with one or more ED visits per year	17.8	17.6	17.7	18.9	17.6	18.2	18.2 (15.2-21.3)	14.8 (12.2-17.3)	16.4 (14.4-18.4)	0.93 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	215	215	430	
Total Population Age 75+	68,060	104,610	172,670	26,385	43,330	69,715	140	200	340	
Total Population	1,199,560	1,292,940	2,492,500	523,535	557,640	1,081,175	3,800	3,965	7,765	
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	55	65	120	
Rate of ED visits per 1,000 population per year	357.2	328.5	341.5	404.3	352.3	375.9	255.8 (197.5-314.1)	302.3 (240.9-363.7)	279.1 (236.7-321.5)	0.82 L
% of the population with one or more ED visits per year	20.7	20.1	20.4	22.4	21.0	21.7	17.2 (11.1-23.3)	16.7 (10.7-22.7)	17.0 (12.7-21.3)	0.83 NS
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	75	125	200	
Rate of ED visits per 1,000 population per year	634.5	590.7	608.0	663.4	595.2	621.0	535.7 (453.1-618.3)	625.0 (557.9-692.1)	588.2 (535.9-640.5)	0.97 NS
% of the population with one or more ED visits per year	34.1	33.4	33.7	34.8	33.1	33.7	27.1 (17.0-37.3)	33.5 (23.7-43.3)	30.9 (23.8-38.0)	0.92 NS
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	1,071	1,117	2,188	
Rate of ED visits per 1,000 population per year	301.9	299.8	300.8	325.8	310.5	317.9	281.8 (261.9-301.8)	281.7 (262.2-301.2)	281.8 (267.8-295.7)	0.94 L
Age-Adjusted rate of visits per 1,000 †	293.9	292.3	293.1	319.1	303.5	311.2	288.9 (274.4-303.3)	293.7 (279.6-307.9)	291.3 (281.2-301.4)	0.99 NS
% of the population with one or more ED visits per year	18.9	19.0	18.9	19.5	19.2	19.3	18.2 (15.5-18.4)	16.9 (16.7-19.7)	17.6 (16.5-18.6)	0.93 L
Age-Adjusted % of the population with an ED visit †	19.2	19.3	19.2	19.0	19.5	19.3	18.8 (17.5-20.0)	17.7 (16.5-18.9)	18.1 (17.3-19.0)	0.94 L

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	Males	Females	Both sexes	Males	Females	Both sexes	Males (95% CI)	Females (95% CI)	Both sexes (95% CI)	Rate Ratio**
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	123	73	196	
# of Low Triage visits	10,135	8,471	18,606	4,310	3,726	8,036	46	24	70	
Ratio of low to high Triage visits	0.38	0.42	0.40	0.41	0.46	0.43	0.61 (0.42-0.81)	0.50 (0.27-0.73)	0.57 (0.42-0.72)	1.43 H
% of all ED visits that are Low Triage	27.4	29.4	28.3	28.5	31.3	29.7	37.4 (23.7-51.1)	32.9 (16.8-48.9)	35.7 (25.3-46.1)	1.26 NS
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	159	128	287	
# of Low Triage visits	22,320	17,595	39,915	8,622	7,106	15,728	65	54	119	
Ratio of low to high Triage visits	0.79	0.69	0.75	0.73	0.66	0.70	0.71 (0.50-0.93)	0.74 (0.49-0.99)	0.73 (0.56-0.89)	0.97 NS
% of all ED visits that are Low Triage	44.0	40.7	42.4	41.8	39.5	40.7	40.9 (28.0-53.8)	42.2 (27.4-57.0)	41.5 (31.7-51.2)	0.98 NS
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	395	479	874	
# of Low Triage visits	46,788	45,261	92,049	24,137	23,245	47,382	146	170	316	
Ratio of low to high Triage visits	0.70	0.52	0.60	0.69	0.58	0.63	0.59 (0.48-0.71)	0.56 (0.46-0.65)	0.57 (0.50-0.65)	0.95 NS
% of all ED visits that are Low Triage	41.0	34.2	37.4	40.7	36.4	38.5	37.0 (29.4-44.5)	35.5 (28.8-42.1)	36.2 (31.2-41.1)	0.97 NS
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	264	247	511	
# of Low Triage visits	27,429	27,774	55,203	13,968	12,762	26,730	91	74	165	
Ratio of low to high Triage visits	0.45	0.46	0.45	0.45	0.47	0.46	0.54 (0.41-0.67)	0.43 (0.32-0.54)	0.49 (0.40-0.57)	1.07 NS
% of all ED visits that are Low Triage	31.1	31.1	31.1	31.0	31.8	31.4	34.5 (25.7-43.2)	30.0 (21.8-38.1)	32.3 (26.3-38.3)	1.04 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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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	55	65	120	
# of Low Triage visits	6,215	7,807	14,022	2,844	3,278	6,122	15*	15*	30	
Ratio of low to high Triage visits	0.28	0.32	0.30	0.29	0.33	0.31	0.38* (0.16-0.59)	0.30* (0.14-0.46)	0.33 (0.20-0.46)	1.11 NS
% of all ED visits that are Low Triage	21.5	24.2	22.9	22.2	24.3	23.3	27.3* (11.1-43.5)	23.1* (9.8-36.4)	25.0 (14.7-35.3)	1.09 NS
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	75	125	200	
# of Low Triage visits	6,727	9,938	16,665	2,680	4,038	6,718	10*	15*	25	
Ratio of low to high Triage visits	0.19	0.19	0.19	0.18	0.19	0.19	0.15* (0.06-0.25)	0.14* (0.07-0.21)	0.14 (0.09-0.20)	0.75 NS
% of all ED visits that are Low Triage	15.6	16.1	15.9	15.3	15.7	15.5	13.3* (4.5-22.2)	12.0* (5.5-18.5)	12.5 (7.3-17.7)	0.79 NS
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	1,071	1,117	2,188	
# of Low Triage visits	119,614	116,846	236,460	56,561	54,155	110,716	373	352	725	
Ratio of low to high Triage visits	0.50	0.44	0.47	0.50	0.46	0.48	0.54 (0.48-0.61)	0.47 (0.41-0.52)	0.50 (0.46-0.54)	1.08 NS
Age-Adjusted ratio of low to high Triage visits ‡	0.61	0.51	0.55	0.60	0.53	0.56	0.61 (0.53-0.69)	0.56 (0.47-0.65)	0.57 (0.51-0.62)	1.03 NS
% of all ED visits that are Low Triage	33.0	30.1	31.5	33.2	31.3	32.2	34.8 (30.4-39.2)	31.5 (27.5-35.5)	33.1 (30.2-36.1)	1.05 NS
Age-Adjusted % of all ED visits that are Low Triage †	36.3	33.2	34.6	36.2	33.9	34.9	36.5 (32.3-40.8)	33.7 (29.5-37.8)	34.9 (32.0-37.8)	1.01 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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