N63 – The Beaches Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			The Beaches			
	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	625	620	1,245	
Total Population Age 5-19	215,715	203,795	419,510	81,570	77,890	159,460	1,675	1,655	3,330	
Total Population Age 20-44	471,380	497,960	969,340	224,185	231,545	455,730	3,820	4,160	7,980	
Total Population Age 45-64	294,840	322,830	617,670	130,750	138,995	269,745	2,835	3,135	5,970	
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	239	188	427	
Rate of ED visits per 1,000 population per year	537.9	439.7	490.0	523.8	431.5	478.7	382.4 (344.3-420.5)	303.2 (267.0-339.4)	343.0 (316.6-369.3)	0.70 L
% of the population with one or more ED visits per year	34.1	29.2	31.7	33.2	28.6	31.0	25.3 (20.7-29.8)	21.9 (17.8-26.1)	23.6 (20.5-26.7)	0.74 L
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	367	390	757	
Rate of ED visits per 1,000 population per year	235.4	212.4	224.2	253.1	230.9	242.3	219.1 (199.3-238.9)	235.6 (215.2-256.1)	227.3 (213.1-241.6)	1.01 NS
% of the population with one or more ED visits per year	17.3	15.0	16.2	18.3	15.8	17.1	17.0 (14.8-19.1)	16.6 (14.5-18.8)	16.8 (15.3-18.3)	1.04 NS
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	765	839	1,604	
Rate of ED visits per 1,000 population per year	242.0	265.6	254.1	264.8	275.4	270.2	200.3 (187.6-213.0)	201.7 (189.5-213.9)	201.0 (192.2-209.8)	0.79 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 (12.8-15.3)	14.0 (12.7-15.2)	14.0 (13.1-14.9)	0.86 L
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	593	651	1,244	
Rate of ED visits per 1,000 population per year	299.4	276.4	287.4	344.6	289.2	316.1	209.2 (194.2-224.1)	207.7 (193.5-221.9)	208.4 (198.1-218.7)	0.73 L
% of the population with one or more ED visits per year	17.8	17.6	17.7	18.9	17.6	18.2	14.8 (13.3-16.3)	14.6 (13.2-16.1)	14.7 (13.7-15.8)	0.83 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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N63 – The Beaches Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			The Beaches			
	Males	Females	Both sexes	Males	Females	Both sexes	Males (95% CI)	Females (95% CI)	Both sexes (95% CI)	Rate Ratio**
Demographics *										
Total Population Age 65-74	80,785	98,145	178,930	31,755	38,280	70,035	465	545	1,010	
Total Population Age 75+	68,060	104,610	172,670	26,385	43,330	69,715	325	555	880	
Total Population	1,199,560	1,292,940	2,492,500	523,535	557,640	1,081,175	9,745	10,670	20,415	
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	138	169	307	
Rate of ED visits per 1,000 population per year	357.2	328.5	341.5	404.3	352.3	375.9	296.8 (255.3-338.3)	310.1 (271.3-348.9)	304.0 (275.6-332.3)	0.89 L
% of the population with one or more ED visits per year	20.7	20.1	20.4	22.4	21.0	21.7	21.7 (16.9-26.5)	22.8 (18.2-27.3)	22.3 (19.0-25.6)	1.09 NS
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	172	290	462	
Rate of ED visits per 1,000 population per year	634.5	590.7	608.0	663.4	595.2	621.0	529.2 (475.0-583.5)	522.5 (481.0-564.1)	525.0 (492.0-558.0)	0.86 L
% of the population with one or more ED visits per year	34.1	33.4	33.7	34.8	33.1	33.7	28.6 (21.7-35.5)	29.9 (24.5-35.3)	29.4 (25.2-33.7)	0.87 NS
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	2,274	2,527	4,801	
Rate of ED visits per 1,000 population per year	301.9	299.8	300.8	325.8	310.5	317.9	233.4 (222.4-244.3)	236.8 (226.3-247.4)	235.2 (227.6-242.8)	0.78 L
Age-Adjusted rate of visits per 1,000 †	293.9	292.3	293.1	319.1	303.5	311.2	244.1 (235.3-253.0)	247.3 (238.8-255.8)	245.7 (239.6-251.8)	0.84 L
% of the population with one or more ED visits per year	18.9	19.0	18.9	19.5	19.2	19.3	16.3 (15.5-17.1)	16.3 (15.5-17.2)	16.3 (15.7-16.9)	0.86 L
Age-Adjusted % of the population with an ED visit †	19.2	19.3	19.2	19.0	19.5	19.3	17.1 (16.3-17.8)	17.1 (16.4-17.9)	17.1 (16.5-17.6)	0.89 L

CI Confidence Interval.

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** 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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N63 – The Beaches Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			The Beaches			
	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	239	188	427	
# of Low Triage visits	10,135	8,471	18,606	4,310	3,726	8,036	50	53	103	
Ratio of low to high Triage visits	0.38	0.42	0.40	0.41	0.46	0.43	0.27 (0.19-0.35)	0.40 (0.28-0.52)	0.33 (0.26-0.39)	0.82 L
% of all ED visits that are Low Triage	27.4	29.4	28.3	28.5	31.3	29.7	20.9 (14.4-27.4)	28.2 (19.2-37.1)	24.1 (18.8-29.5)	0.85 NS
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	367	390	757	
# of Low Triage visits	22,320	17,595	39,915	8,622	7,106	15,728	166	201	367	
Ratio of low to high Triage visits	0.79	0.69	0.75	0.73	0.66	0.70	0.83 (0.67-1.00)	1.07 (0.87-1.27)	0.95 (0.82-1.08)	1.27 H
% of all ED visits that are Low Triage	44.0	40.7	42.4	41.8	39.5	40.7	45.2 (35.9-54.5)	51.5 (41.3-61.8)	48.5 (41.6-55.4)	1.14 NS
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	765	839	1,604	
# of Low Triage visits	46,788	45,261	92,049	24,137	23,245	47,382	307	323	630	
Ratio of low to high Triage visits	0.70	0.52	0.60	0.69	0.58	0.63	0.68 (0.59-0.77)	0.63 (0.55-0.72)	0.66 (0.59-0.72)	1.09 NS
% of all ED visits that are Low Triage	41.0	34.2	37.4	40.7	36.4	38.5	40.1 (34.3-45.9)	38.5 (33.1-43.9)	39.3 (35.3-43.2)	1.05 NS
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	593	651	1,244	
# of Low Triage visits	27,429	27,774	55,203	13,968	12,762	26,730	177	235	412	
Ratio of low to high Triage visits	0.45	0.46	0.45	0.45	0.47	0.46	0.43 (0.36-0.50)	0.57 (0.48-0.66)	0.50 (0.44-0.56)	1.10 NS
% of all ED visits that are Low Triage	31.1	31.1	31.1	31.0	31.8	31.4	29.8 (24.6-35.1)	36.1 (30.3-41.9)	33.1 (29.2-37.0)	1.06 NS

CI Confidence Interval.

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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).

N63 – The Beaches Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			The Beaches			
	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 65-74										
# of ED visits	28,857	32,242	61,099	12,838	13,486	26,324	138	169	307	
# of Low Triage visits	6,215	7,807	14,022	2,844	3,278	6,122	46	46	92	
Ratio of low to high Triage visits	0.28	0.32	0.30	0.29	0.33	0.31	0.51 (0.34-0.68)	0.38 (0.26-0.50)	0.43 (0.33-0.53)	1.44 H
% of all ED visits that are Low Triage	21.5	24.2	22.9	22.2	24.3	23.3	33.3 (21.5-45.1)	27.2 (18.0-36.4)	30.0 (22.6-37.3)	1.31 NS
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	172	290	462	
# of Low Triage visits	6,727	9,938	16,665	2,680	4,038	6,718	26	43	69	
Ratio of low to high Triage visits	0.19	0.19	0.19	0.18	0.19	0.19	0.18 (0.11-0.25)	0.18 (0.12-0.23)	0.18 (0.14-0.22)	0.94 NS
% of all ED visits that are Low Triage	15.6	16.1	15.9	15.3	15.7	15.5	15.1 (8.8-21.4)	14.8 (10.0-19.6)	14.9 (11.1-18.8)	0.94 NS
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	2,274	2,527	4,801	
# of Low Triage visits	119,614	116,846	236,460	56,561	54,155	110,716	772	901	1,673	
Ratio of low to high Triage visits	0.50	0.44	0.47	0.50	0.46	0.48	0.52 (0.48-0.56)	0.56 (0.52-0.60)	0.54 (0.51-0.57)	1.17 H
Age-Adjusted ratio of low to high Triage visits ‡	0.61	0.51	0.55	0.60	0.53	0.56	0.64 (0.57-0.70)	0.67 (0.61-0.73)	0.64 (0.60-0.69)	1.17 H
% of all ED visits that are Low Triage	33.0	30.1	31.5	33.2	31.3	32.2	33.9 (31.0-36.9)	35.7 (32.8-38.6)	34.8 (32.8-36.9)	1.11 H
Age-Adjusted % of all ED visits that are Low Triage †	36.3	33.2	34.6	36.2	33.9	34.9	36.8 (33.8-39.8)	37.9 (35.0-40.7)	37.4 (35.4-39.5)	1.08 H

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