N52 – Bayview Village Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			Bayview Village			
	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	285	270	555	
Total Population Age 5-19	215,715	203,795	419,510	81,570	77,890	159,460	1,230	1,135	2,365	
Total Population Age 20-44	471,380	497,960	969,340	224,185	231,545	455,730	2,875	3,155	6,030	
Total Population Age 45-64	294,840	322,830	617,670	130,750	138,995	269,745	1,850	2,195	4,045	
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	133	109	242	
Rate of ED visits per 1,000 population per year	537.9	439.7	490.0	523.8	431.5	478.7	466.7 (408.7-524.6)	403.7 (345.2-462.2)	436.0 (394.8-477.3)	0.89 L
% of the population with one or more ED visits per year	34.1	29.2	31.7	33.2	28.6	31.0	31.9 (24.0-39.9)	29.3 (21.6-36.9)	30.6 (25.1-36.2)	0.97 NS
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	251	214	465	
Rate of ED visits per 1,000 population per year	235.4	212.4	224.2	253.1	230.9	242.3	204.1 (181.5-226.6)	188.5 (165.8-211.3)	196.6 (180.6-212.6)	0.88 L
% of the population with one or more ED visits per year	17.3	15.0	16.2	18.3	15.8	17.1	15.7 (13.3-18.1)	14.8 (12.4-17.2)	15.3 (13.6-17.0)	0.94 NS
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	487	752	1,239	
Rate of ED visits per 1,000 population per year	242.0	265.6	254.1	264.8	275.4	270.2	169.4 (155.7-183.1)	238.4 (223.5-253.2)	205.5 (195.3-215.7)	0.81 L
% of the population with one or more ED visits per year	15.6	16.9	16.3	16.3	17.3	16.8	12.8 (11.4-14.2)	15.6 (14.1-17.1)	14.3 (13.2-15.3)	0.88 L
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	378	474	852	
Rate of ED visits per 1,000 population per year	299.4	276.4	287.4	344.6	289.2	316.1	204.3 (186.0-222.7)	215.9 (198.7-233.2)	210.6 (198.1-223.2)	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	14.1 (12.3-16.0)	15.1 (13.4-16.9)	14.7 (13.4-15.9)	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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Indicators	City of Toronto			Toronto Central LHIN			Bayview Village			
	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	520	630	1,150	
Total Population Age 75+	68,060	104,610	172,670	26,385	43,330	69,715	500	720	1,220	
Total Population	1,199,560	1,292,940	2,492,500	523,535	557,640	1,081,175	7,260	8,105	15,365	
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	123	168	291	
Rate of ED visits per 1,000 population per year	357.2	328.5	341.5	404.3	352.3	375.9	236.5 (200.0-273.1)	266.7 (232.1-301.2)	253.0 (227.9-278.2)	0.74 L
% of the population with one or more ED visits per year	20.7	20.1	20.4	22.4	21.0	21.7	14.4 (10.9-18.0)	17.5 (13.9-21.1)	16.1 (13.6-18.6)	0.79 L
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	318	442	760	
Rate of ED visits per 1,000 population per year	634.5	590.7	608.0	663.4	595.2	621.0	636.0 (593.8-678.2)	613.9 (578.3-649.5)	623.0 (595.8-650.1)	1.02 NS
% of the population with one or more ED visits per year	34.1	33.4	33.7	34.8	33.1	33.7	36.8 (30.1-43.5)	36.8 (31.2-42.4)	36.8 (32.5-41.1)	1.09 NS
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	1,690	2,159	3,849	
Rate of ED visits per 1,000 population per year	301.9	299.8	300.8	325.8	310.5	317.9	232.8 (220.1-245.5)	266.4 (253.3-279.5)	250.5 (241.4-259.6)	0.83 L
Age-Adjusted rate of visits per 1,000 †	293.9	292.3	293.1	319.1	303.5	311.2	223.6 (213.9-233.3)	258.5 (248.7-268.3)	241.2 (234.3-248.1)	0.82 L
% of the population with one or more ED visits per year	18.9	19.0	18.9	19.5	19.2	19.3	16.2 (16.8-18.8)	17.8 (15.1-17.2)	17.0 (16.3-17.8)	0.90 L
Age-Adjusted % of the population with an ED visit †	19.2	19.3	19.2	19.0	19.5	19.3	16.0 (15.1-16.8)	17.7 (16.8-18.5)	16.9 (16.3-17.5)	0.88 L

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Indicators	City of Toronto			Toronto Central LHIN			Bayview Village			
	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	133	109	242	
# of Low Triage visits	10,135	8,471	18,606	4,310	3,726	8,036	21	26	47	
Ratio of low to high Triage visits	0.38	0.42	0.40	0.41	0.46	0.43	0.19 (0.11-0.27)	0.31 (0.19-0.44)	0.24 (0.17-0.31)	0.61 L
% of all ED visits that are Low Triage	27.4	29.4	28.3	28.5	31.3	29.7	15.8 (8.4-23.1)	23.9 (13.3-34.4)	19.4 (13.2-25.6)	0.69 L
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	251	214	465	
# of Low Triage visits	22,320	17,595	39,915	8,622	7,106	15,728	91	89	180	
Ratio of low to high Triage visits	0.79	0.69	0.75	0.73	0.66	0.70	0.58 (0.43-0.72)	0.71 (0.53-0.90)	0.64 (0.52-0.75)	0.85 NS
% of all ED visits that are Low Triage	44.0	40.7	42.4	41.8	39.5	40.7	36.3 (26.9-45.6)	41.6 (30.3-52.9)	38.7 (31.5-45.9)	0.91 NS
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	487	752	1,239	
# of Low Triage visits	46,788	45,261	92,049	24,137	23,245	47,382	208	251	459	
Ratio of low to high Triage visits	0.70	0.52	0.60	0.69	0.58	0.63	0.75 (0.62-0.88)	0.50 (0.43-0.57)	0.59 (0.52-0.65)	0.98 NS
% of all ED visits that are Low Triage	41.0	34.2	37.4	40.7	36.4	38.5	42.7 (35.0-50.4)	33.4 (28.3-38.4)	37.0 (32.8-41.3)	0.99 NS
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	378	474	852	
# of Low Triage visits	27,429	27,774	55,203	13,968	12,762	26,730	114	165	279	
Ratio of low to high Triage visits	0.45	0.46	0.45	0.45	0.47	0.46	0.44 (0.34-0.53)	0.54 (0.44-0.63)	0.49 (0.42-0.56)	1.08 NS
% of all ED visits that are Low Triage	31.1	31.1	31.1	31.0	31.8	31.4	30.2 (23.5-36.8)	34.8 (28.2-41.4)	32.7 (28.1-37.4)	1.05 NS

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* Estimates based on fewer than 20 events are likely to be unstable and imprecise.

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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	123	168	291	
# of Low Triage visits	6,215	7,807	14,022	2,844	3,278	6,122	32	41	73	
Ratio of low to high Triage visits	0.28	0.32	0.30	0.29	0.33	0.31	0.36 (0.22-0.50)	0.33 (0.22-0.43)	0.34 (0.25-0.43)	1.13 NS
% of all ED visits that are Low Triage	21.5	24.2	22.9	22.2	24.3	23.3	26.0 (15.5-36.5)	24.4 (15.8-33.0)	25.1 (18.4-31.7)	1.09 NS
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	318	442	760	
# of Low Triage visits	6,727	9,938	16,665	2,680	4,038	6,718	59	70	129	
Ratio of low to high Triage visits	0.19	0.19	0.19	0.18	0.19	0.19	0.23 (0.17-0.29)	0.19 (0.14-0.23)	0.21 (0.17-0.24)	1.07 NS
% of all ED visits that are Low Triage	15.6	16.1	15.9	15.3	15.7	15.5	18.6 (13.3-23.8)	15.8 (11.8-19.9)	17.0 (13.8-20.2)	1.07 NS
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	1,690	2,159	3,849	
# of Low Triage visits	119,614	116,846	236,460	56,561	54,155	110,716	525	642	1,167	
Ratio of low to high Triage visits	0.50	0.44	0.47	0.50	0.46	0.48	0.46 (0.41-0.50)	0.42 (0.39-0.46)	0.44 (0.41-0.47)	0.94 NS
Age-Adjusted ratio of low to high Triage visits ‡	0.61	0.51	0.55	0.60	0.53	0.56	0.59 (0.52-0.66)	0.53 (0.47-0.59)	0.52 (0.48-0.56)	0.95 NS
% of all ED visits that are Low Triage	33.0	30.1	31.5	33.2	31.3	32.2	31.1 (27.9-34.3)	29.7 (27.0-32.5)	30.3 (28.2-32.4)	0.96 NS
Age-Adjusted % of all ED visits that are Low Triage †	36.3	33.2	34.6	36.2	33.9	34.9	35.4 (31.7-39.2)	33.4 (30.2-36.5)	33.4 (31.2-35.7)	0.97 NS

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