N116 – Steeles Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			Steeles			
	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	480	455	935	
Total Population Age 5-19	215,715	203,795	419,510	81,570	77,890	159,460	2,060	1,900	3,960	
Total Population Age 20-44	471,380	497,960	969,340	224,185	231,545	455,730	4,350	4,525	8,875	
Total Population Age 45-64	294,840	322,830	617,670	130,750	138,995	269,745	3,115	3,800	6,915	
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	263	222	485	
Rate of ED visits per 1,000 population per year	537.9	439.7	490.0	523.8	431.5	478.7	547.9 (503.4-592.4)	487.9 (442.0-533.8)	518.7 (486.7-550.7)	1.06 NS
% of the population with one or more ED visits per year	34.1	29.2	31.7	33.2	28.6	31.0	31.7 (25.6-37.8)	30.5 (24.5-36.6)	31.1 (26.8-35.4)	0.98 NS
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	319	233	552	
Rate of ED visits per 1,000 population per year	235.4	212.4	224.2	253.1	230.9	242.3	154.9 (139.2-170.5)	122.6 (107.9-137.4)	139.4 (128.6-150.2)	0.62 L
% of the population with one or more ED visits per year	17.3	15.0	16.2	18.3	15.8	17.1	11.7 (10.2-13.3)	9.9 (8.5-11.4)	10.9 (9.8-12.0)	0.67 L
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	534	555	1,089	
Rate of ED visits per 1,000 population per year	242.0	265.6	254.1	264.8	275.4	270.2	122.8 (113.0-132.5)	122.7 (113.1-132.2)	122.7 (115.9-129.5)	0.48 L
% of the population with one or more ED visits per year	15.6	16.9	16.3	16.3	17.3	16.8	9.4 (8.5-10.4)	9.4 (8.5-10.4)	9.4 (8.8-10.1)	0.58 L
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	473	548	1,021	
Rate of ED visits per 1,000 population per year	299.4	276.4	287.4	344.6	289.2	316.1	151.8 (139.2-164.4)	144.2 (133.0-155.4)	147.7 (139.3-156.0)	0.51 L
% of the population with one or more ED visits per year	17.8	17.6	17.7	18.9	17.6	18.2	10.0 (8.8-11.2)	10.2 (9.1-11.3)	10.1 (9.3-10.9)	0.57 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).

For information about definitions, data quality & limitations, and selection & preparation of variables, please go to: **http://www.torontohealthprofiles.ca/aboutTheData.php**

N116 – Steeles Profile: Emergency Department Care

Indicators	City of Toronto Males	Females	Both sexes	Toronto Central LHIN Males	Females	Both sexes	Steeles 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	995	1,065	2,060	
Total Population Age 75+	68,060	104,610	172,670	26,385	43,330	69,715	705	940	1,645	
Total Population	1,199,560	1,292,940	2,492,500	523,535	557,640	1,081,175	11,705	12,685	24,390	
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	210	224	434	
Rate of ED visits per 1,000 population per year	357.2	328.5	341.5	404.3	352.3	375.9	211.1 (185.7-236.4)	210.3 (185.9-234.8)	210.7 (193.1-228.3)	0.62 L
% of the population with one or more ED visits per year	20.7	20.1	20.4	22.4	21.0	21.7	15.9 (13.2-18.6)	14.2 (11.7-16.6)	15.0 (13.2-16.8)	0.74 L
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	391	480	871	
Rate of ED visits per 1,000 population per year	634.5	590.7	608.0	663.4	595.2	621.0	554.6 (517.9-591.3)	510.6 (478.7-542.6)	529.5 (505.4-553.6)	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	32.8 (27.6-37.9)	32.7 (28.2-37.1)	32.7 (29.3-36.1)	0.97 NS
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	2,190	2,262	4,452	
Rate of ED visits per 1,000 population per year	301.9	299.8	300.8	325.8	310.5	317.9	187.1 (178.4-195.8)	178.3 (170.2-186.4)	182.5 (176.6-188.5)	0.61 L
Age-Adjusted rate of visits per 1,000 †	293.9	292.3	293.1	319.1	303.5	311.2	188.7 (181.5-195.9)	184.7 (177.9-191.5)	186.7 (181.8-191.6)	0.64 L
% of the population with one or more ED visits per year	18.9	19.0	18.9	19.5	19.2	19.3	12.9 (12.0-13.3)	12.6 (12.2-13.6)	12.7 (12.3-13.2)	0.67 L
Age-Adjusted % of the population with an ED visit †	19.2	19.3	19.2	19.0	19.5	19.3	12.9 (12.3-13.6)	13.1 (12.5-13.7)	13.0 (12.6-13.5)	0.68 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).

†   Rates are age-adjusted using the direct method and the 1991 Canada population as the standard population.

Indicators	City of Toronto			Toronto Central LHIN			Steeles			
	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	263	222	485	
# of Low Triage visits	10,135	8,471	18,606	4,310	3,726	8,036	66	62	128	
Ratio of low to high Triage visits	0.38	0.42	0.40	0.41	0.46	0.43	0.34 (0.25-0.42)	0.39 (0.29-0.49)	0.36 (0.29-0.42)	0.90 NS
% of all ED visits that are Low Triage	27.4	29.4	28.3	28.5	31.3	29.7	25.1 (18.1-32.1)	27.9 (19.7-36.1)	26.4 (21.1-31.7)	0.93 NS
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	319	233	552	
# of Low Triage visits	22,320	17,595	39,915	8,622	7,106	15,728	164	121	285	
Ratio of low to high Triage visits	0.79	0.69	0.75	0.73	0.66	0.70	1.09 (0.86-1.33)	1.09 (0.82-1.36)	1.09 (0.92-1.27)	1.46 H
% of all ED visits that are Low Triage	44.0	40.7	42.4	41.8	39.5	40.7	51.4 (40.1-62.7)	51.9 (38.6-65.3)	51.6 (43.0-60.2)	1.22 H
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	534	555	1,089	
# of Low Triage visits	46,788	45,261	92,049	24,137	23,245	47,382	243	225	468	
Ratio of low to high Triage visits	0.70	0.52	0.60	0.69	0.58	0.63	0.84 (0.70-0.97)	0.68 (0.57-0.79)	0.75 (0.67-0.84)	1.25 H
% of all ED visits that are Low Triage	41.0	34.2	37.4	40.7	36.4	38.5	45.5 (37.8-53.3)	40.5 (33.7-47.4)	43.0 (37.8-48.1)	1.15 H
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	473	548	1,021	
# of Low Triage visits	27,429	27,774	55,203	13,968	12,762	26,730	133	174	307	
Ratio of low to high Triage visits	0.45	0.46	0.45	0.45	0.47	0.46	0.39 (0.32-0.47)	0.47 (0.39-0.56)	0.44 (0.38-0.49)	0.96 NS
% of all ED visits that are Low Triage	31.1	31.1	31.1	31.0	31.8	31.4	28.1 (22.5-33.8)	31.8 (26.0-37.5)	30.1 (26.0-34.1)	0.97 NS

CI Confidence Interval.

H / L / NS Chances are at least 19 in 20 that the ratio/rate is higher (H) or lower (L) than the City of Toronto ratio/rate (p < 0.05). Ratios/Rates marked not significantly (NS) different do not reach this level of significance.

* 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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Indicators	City of Toronto			Toronto Central LHIN			Steeles			
	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	210	224	434	
# of Low Triage visits	6,215	7,807	14,022	2,844	3,278	6,122	49	54	103	
Ratio of low to high Triage visits	0.28	0.32	0.30	0.29	0.33	0.31	0.31 (0.22-0.41)	0.32 (0.23-0.41)	0.32 (0.25-0.38)	1.05 NS
% of all ED visits that are Low Triage	21.5	24.2	22.9	22.2	24.3	23.3	23.3 (15.9-30.8)	24.1 (16.7-31.5)	23.7 (18.5-29.0)	1.03 NS
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	391	480	871	
# of Low Triage visits	6,727	9,938	16,665	2,680	4,038	6,718	48	80	128	
Ratio of low to high Triage visits	0.19	0.19	0.19	0.18	0.19	0.19	0.14 (0.10-0.19)	0.21 (0.16-0.25)	0.18 (0.15-0.21)	0.93 NS
% of all ED visits that are Low Triage	15.6	16.1	15.9	15.3	15.7	15.5	12.3 (8.6-16.0)	16.7 (12.7-20.7)	14.7 (11.9-17.5)	0.93 NS
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	2,190	2,262	4,452	
# of Low Triage visits	119,614	116,846	236,460	56,561	54,155	110,716	703	716	1,419	
Ratio of low to high Triage visits	0.50	0.44	0.47	0.50	0.46	0.48	0.48 (0.44-0.52)	0.47 (0.43-0.51)	0.47 (0.45-0.50)	1.02 NS
Age-Adjusted ratio of low to high Triage visits ‡	0.61	0.51	0.55	0.60	0.53	0.56	0.74 (0.65-0.82)	0.69 (0.60-0.78)	0.71 (0.65-0.76)	1.28 H
% of all ED visits that are Low Triage	33.0	30.1	31.5	33.2	31.3	32.2	32.1 (29.2-35.0)	31.7 (28.8-34.5)	31.9 (29.9-33.9)	1.01 NS
Age-Adjusted % of all ED visits that are Low Triage †	36.3	33.2	34.6	36.2	33.9	34.9	39.6 (35.9-43.4)	38.1 (34.5-41.8)	38.8 (36.3-41.4)	1.12 H

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