

N18 – New Toronto Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			New Toronto			
	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	295	255	550	
Total Population Age 5-19	215,715	203,795	419,510	81,570	77,890	159,460	915	840	1,755	
Total Population Age 20-44	471,380	497,960	969,340	224,185	231,545	455,730	1,945	2,095	4,040	
Total Population Age 45-64	294,840	322,830	617,670	130,750	138,995	269,745	1,435	1,460	2,895	
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	203	162	365	
Rate of ED visits per 1,000 population per year	537.9	439.7	490.0	523.8	431.5	478.7	688.1 (635.3-741.0)	635.3 (576.2-694.4)	663.6 (624.2-703.1)	1.35 H
% of the population with one or more ED visits per year	34.1	29.2	31.7	33.2	28.6	31.0	38.6 (29.6-47.7)	42.7 (32.1-53.4)	40.5 (33.6-47.4)	1.28 H
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	273	240	513	
Rate of ED visits per 1,000 population per year	235.4	212.4	224.2	253.1	230.9	242.3	298.4 (268.7-328.0)	285.7 (255.2-316.3)	292.3 (271.0-313.6)	1.30 H
% of the population with one or more ED visits per year	17.3	15.0	16.2	18.3	15.8	17.1	21.0 (17.6-24.3)	18.1 (14.9-21.3)	19.6 (17.3-21.9)	1.21 H
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	604	783	1,387	
Rate of ED visits per 1,000 population per year	242.0	265.6	254.1	264.8	275.4	270.2	310.5 (290.0-331.1)	373.7 (353.0-394.5)	343.3 (328.7-358.0)	1.35 H
% of the population with one or more ED visits per year	15.6	16.9	16.3	16.3	17.3	16.8	20.2 (18.0-22.4)	21.7 (19.4-23.9)	21.0 (19.4-22.6)	1.29 H
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	519	560	1,079	
Rate of ED visits per 1,000 population per year	299.4	276.4	287.4	344.6	289.2	316.1	361.7 (336.8-386.5)	383.6 (358.6-408.5)	372.7 (355.1-390.3)	1.30 H
% of the population with one or more ED visits per year	17.8	17.6	17.7	18.9	17.6	18.2	20.3 (17.7-22.9)	21.6 (18.9-24.3)	20.9 (19.1-22.8)	1.18 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).

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

N18 – New Toronto Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			New Toronto			
	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	340	400	740	
Total Population Age 75+	68,060	104,610	172,670	26,385	43,330	69,715	245	445	690	
Total Population	1,199,560	1,292,940	2,492,500	523,535	557,640	1,081,175	5,175	5,495	10,670	
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	171	176	347	
Rate of ED visits per 1,000 population per year	357.2	328.5	341.5	404.3	352.3	375.9	502.9 (449.8-556.1)	440.0 (391.4-488.6)	468.9 (433.0-504.9)	1.37 H
% of the population with one or more ED visits per year	20.7	20.1	20.4	22.4	21.0	21.7	26.5 (20.1-32.8)	26.3 (20.4-32.1)	26.4 (22.0-30.7)	1.29 H
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	193	305	498	
Rate of ED visits per 1,000 population per year	634.5	590.7	608.0	663.4	595.2	621.0	787.8 (736.6-839.0)	685.4 (642.2-728.5)	721.7 (688.3-755.2)	1.19 H
% of the population with one or more ED visits per year	34.1	33.4	33.7	34.8	33.1	33.7	35.5 (26.2-44.8)	33.5 (26.9-40.1)	34.2 (28.8-39.6)	1.02 NS
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	1,963	2,226	4,189	
Rate of ED visits per 1,000 population per year	301.9	299.8	300.8	325.8	310.5	317.9	379.3 (358.0-400.6)	405.1 (383.3-426.9)	392.6 (377.3-407.9)	1.31 H
Age-Adjusted rate of visits per 1,000 †	293.9	292.3	293.1	319.1	303.5	311.2	375.4 (362.1-388.7)	404.5 (391.5-417.5)	390.1 (380.8-399.4)	1.33 H
% of the population with one or more ED visits per year	18.9	19.0	18.9	19.5	19.2	19.3	22.6 (21.9-24.8)	23.4 (21.1-24.0)	23.0 (21.9-24.0)	1.21 H
Age-Adjusted % of the population with an ED visit †	19.2	19.3	19.2	19.0	19.5	19.3	22.8 (21.6-23.9)	23.7 (22.6-24.9)	23.2 (22.4-24.1)	1.21 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).

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

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

N18 – New Toronto Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			New Toronto			
	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	203	162	365	
# of Low Triage visits	10,135	8,471	18,606	4,310	3,726	8,036	58	50	108	
Ratio of low to high Triage visits	0.38	0.42	0.40	0.41	0.46	0.43	0.40 (0.30-0.51)	0.45 (0.32-0.58)	0.42 (0.34-0.50)	1.06 NS
% of all ED visits that are Low Triage	27.4	29.4	28.3	28.5	31.3	29.7	28.6 (19.9-37.3)	30.9 (20.6-41.2)	29.6 (22.9-36.2)	1.05 NS
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	273	240	513	
# of Low Triage visits	22,320	17,595	39,915	8,622	7,106	15,728	118	97	215	
Ratio of low to high Triage visits	0.79	0.69	0.75	0.73	0.66	0.70	0.78 (0.60-0.95)	0.68 (0.52-0.85)	0.73 (0.61-0.85)	0.98 NS
% of all ED visits that are Low Triage	44.0	40.7	42.4	41.8	39.5	40.7	43.2 (32.9-53.6)	40.4 (30.0-50.8)	41.9 (34.6-49.3)	0.99 NS
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	604	783	1,387	
# of Low Triage visits	46,788	45,261	92,049	24,137	23,245	47,382	257	257	514	
Ratio of low to high Triage visits	0.70	0.52	0.60	0.69	0.58	0.63	0.75 (0.64-0.86)	0.49 (0.43-0.56)	0.59 (0.53-0.65)	0.99 NS
% of all ED visits that are Low Triage	41.0	34.2	37.4	40.7	36.4	38.5	42.5 (35.7-49.4)	32.8 (27.9-37.7)	37.1 (33.0-41.1)	0.99 NS
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	519	560	1,079	
# of Low Triage visits	27,429	27,774	55,203	13,968	12,762	26,730	155	174	329	
Ratio of low to high Triage visits	0.45	0.46	0.45	0.45	0.47	0.46	0.43 (0.36-0.51)	0.46 (0.38-0.53)	0.45 (0.39-0.50)	0.98 NS
% of all ED visits that are Low Triage	31.1	31.1	31.1	31.0	31.8	31.4	29.9 (24.3-35.5)	31.1 (25.5-36.6)	30.5 (26.5-34.4)	0.98 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).

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

N18 – New Toronto Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			New Toronto			
	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	171	176	347	
# of Low Triage visits	6,215	7,807	14,022	2,844	3,278	6,122	41	32	73	
Ratio of low to high Triage visits	0.28	0.32	0.30	0.29	0.33	0.31	0.32 (0.22-0.42)	0.22 (0.14-0.30)	0.27 (0.20-0.33)	0.89 NS
% of all ED visits that are Low Triage	21.5	24.2	22.9	22.2	24.3	23.3	24.0 (15.6-32.4)	18.2 (11.2-25.1)	21.0 (15.6-26.5)	0.92 NS
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	193	305	498	
# of Low Triage visits	6,727	9,938	16,665	2,680	4,038	6,718	23	44	67	
Ratio of low to high Triage visits	0.19	0.19	0.19	0.18	0.19	0.19	0.14 (0.08-0.19)	0.17 (0.12-0.22)	0.16 (0.12-0.19)	0.82 NS
% of all ED visits that are Low Triage	15.6	16.1	15.9	15.3	15.7	15.5	11.9 (6.7-17.1)	14.4 (9.8-19.0)	13.5 (10.0-16.9)	0.85 NS
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	1,963	2,226	4,189	
# of Low Triage visits	119,614	116,846	236,460	56,561	54,155	110,716	652	654	1,306	
Ratio of low to high Triage visits	0.50	0.44	0.47	0.50	0.46	0.48	0.50 (0.46-0.55)	0.42 (0.39-0.46)	0.46 (0.43-0.49)	0.98 NS
Age-Adjusted ratio of low to high Triage visits ‡	0.61	0.51	0.55	0.60	0.53	0.56	0.65 (0.58-0.72)	0.50 (0.45-0.56)	0.56 (0.52-0.60)	1.01 NS
% of all ED visits that are Low Triage	33.0	30.1	31.5	33.2	31.3	32.2	33.2 (30.1-36.3)	29.4 (26.7-32.1)	31.2 (29.1-33.2)	0.99 NS
Age-Adjusted % of all ED visits that are Low Triage †	36.3	33.2	34.6	36.2	33.9	34.9	37.5 (34.2-40.7)	32.1 (29.1-35.0)	34.4 (32.3-36.5)	0.99 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).

[‡] Ratios of low to high Triage visits are age-adjusted using the 1991 Canada population as the standard population.

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

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