

N119 – Wexford/Maryvale Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			Wexford/Maryvale			
	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	720	680	1,400	
Total Population Age 5-19	215,715	203,795	419,510	81,570	77,890	159,460	2,500	2,285	4,785	
Total Population Age 20-44	471,380	497,960	969,340	224,185	231,545	455,730	4,490	4,620	9,110	
Total Population Age 45-64	294,840	322,830	617,670	130,750	138,995	269,745	3,290	3,570	6,860	
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	357	288	645	
Rate of ED visits per 1,000 population per year	537.9	439.7	490.0	523.8	431.5	478.7	495.8 (459.3-532.4)	423.5 (386.4-460.7)	460.7 (434.6-486.8)	0.94 L
% of the population with one or more ED visits per year	34.1	29.2	31.7	33.2	28.6	31.0	33.2 (28.0-38.3)	29.7 (24.8-34.6)	31.5 (27.9-35.1)	0.99 NS
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	522	405	927	
Rate of ED visits per 1,000 population per year	235.4	212.4	224.2	253.1	230.9	242.3	208.8 (192.9-224.7)	177.2 (161.6-192.9)	193.7 (182.5-204.9)	0.86 L
% of the population with one or more ED visits per year	17.3	15.0	16.2	18.3	15.8	17.1	16.3 (14.6-18.0)	13.8 (12.1-15.4)	15.1 (13.9-16.3)	0.93 NS
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	956	1,183	2,139	
Rate of ED visits per 1,000 population per year	242.0	265.6	254.1	264.8	275.4	270.2	212.9 (200.9-224.9)	256.1 (243.5-268.6)	234.8 (226.1-243.5)	0.92 L
% of the population with one or more ED visits per year	15.6	16.9	16.3	16.3	17.3	16.8	15.2 (14.0-16.5)	16.5 (15.3-17.8)	15.9 (15.0-16.8)	0.98 NS
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	968	1,005	1,973	
Rate of ED visits per 1,000 population per year	299.4	276.4	287.4	344.6	289.2	316.1	294.2 (278.7-309.8)	281.5 (266.8-296.3)	287.6 (276.9-298.3)	1.00 NS
% of the population with one or more ED visits per year	17.8	17.6	17.7	18.9	17.6	18.2	19.0 (17.4-20.7)	17.8 (16.3-19.3)	18.4 (17.3-19.5)	1.04 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	925	1,170	2,095	
Total Population Age 75+	68,060	104,610	172,670	26,385	43,330	69,715	1,010	1,625	2,635	
Total Population	1,199,560	1,292,940	2,492,500	523,535	557,640	1,081,175	12,935	13,950	26,885	
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	290	314	604	
Rate of ED visits per 1,000 population per year	357.2	328.5	341.5	404.3	352.3	375.9	313.5	268.4	288.3	0.84 L
% of the population with one or more ED visits per year	20.7	20.1	20.4	22.4	21.0	21.7	18.6	17.2	17.8	0.87 L
							(15.5-21.7)	(14.6-19.8)	(15.8-19.8)	
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	505	761	1,266	
Rate of ED visits per 1,000 population per year	634.5	590.7	608.0	663.4	595.2	621.0	500.0	468.3	480.5	0.79 L
% of the population with one or more ED visits per year	34.1	33.4	33.7	34.8	33.1	33.7	30.1	27.7	28.6	0.85 L
							(26.1-34.1)	(24.7-30.7)	(26.2-31.0)	
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	3,598	3,956	7,554	
Rate of ED visits per 1,000 population per year	301.9	299.8	300.8	325.8	310.5	317.9	278.2	283.6	281.0	0.93 L
Age-Adjusted rate of visits per 1,000 †	293.9	292.3	293.1	319.1	303.5	311.2	265.5	273.9	269.7	0.92 L
							(257.8-273.2)	(266.3-281.5)	(264.3-275.2)	
% of the population with one or more ED visits per year	18.9	19.0	18.9	19.5	19.2	19.3	18.8	18.4	18.6	0.98 NS
							(17.6-19.2)	(18.0-19.6)	(18.0-19.2)	
Age-Adjusted % of the population with an ED visit †	19.2	19.3	19.2	19.0	19.5	19.3	18.3	18.0	18.1	0.94 L
							(17.6-19.0)	(17.4-18.7)	(17.7-18.6)	

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± 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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	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	357	288	645	
# of Low Triage visits	10,135	8,471	18,606	4,310	3,726	8,036	106	82	188	
Ratio of low to high Triage visits	0.38	0.42	0.40	0.41	0.46	0.43	0.42 (0.34-0.51)	0.40 (0.31-0.50)	0.41 (0.35-0.48)	1.04 NS
% of all ED visits that are Low Triage	27.4	29.4	28.3	28.5	31.3	29.7	29.7 (23.0-36.4)	28.5 (21.2-35.8)	29.1 (24.2-34.1)	1.03 NS
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	522	405	927	
# of Low Triage visits	22,320	17,595	39,915	8,622	7,106	15,728	241	173	414	
Ratio of low to high Triage visits	0.79	0.69	0.75	0.73	0.66	0.70	0.86 (0.72-1.00)	0.75 (0.61-0.89)	0.81 (0.71-0.91)	1.09 NS
% of all ED visits that are Low Triage	44.0	40.7	42.4	41.8	39.5	40.7	46.2 (38.2-54.1)	42.7 (34.3-51.1)	44.7 (38.9-50.4)	1.05 NS
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	956	1,183	2,139	
# of Low Triage visits	46,788	45,261	92,049	24,137	23,245	47,382	399	407	806	
Ratio of low to high Triage visits	0.70	0.52	0.60	0.69	0.58	0.63	0.73 (0.64-0.81)	0.53 (0.47-0.59)	0.61 (0.56-0.66)	1.01 NS
% of all ED visits that are Low Triage	41.0	34.2	37.4	40.7	36.4	38.5	41.7 (36.4-47.1)	34.4 (30.3-38.5)	37.7 (34.4-41.0)	1.01 NS
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	968	1,005	1,973	
# of Low Triage visits	27,429	27,774	55,203	13,968	12,762	26,730	302	316	618	
Ratio of low to high Triage visits	0.45	0.46	0.45	0.45	0.47	0.46	0.45 (0.40-0.51)	0.46 (0.41-0.52)	0.46 (0.42-0.50)	1.01 NS
% of all ED visits that are Low Triage	31.1	31.1	31.1	31.0	31.8	31.4	31.2 (27.0-35.4)	31.4 (27.3-35.6)	31.3 (28.3-34.3)	1.01 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	290	314	604	
# of Low Triage visits	6,215	7,807	14,022	2,844	3,278	6,122	61	71	132	
Ratio of low to high Triage visits	0.28	0.32	0.30	0.29	0.33	0.31	0.27 (0.20-0.34)	0.29 (0.22-0.37)	0.28 (0.23-0.33)	0.93 NS
% of all ED visits that are Low Triage	21.5	24.2	22.9	22.2	24.3	23.3	21.0 (15.1-27.0)	22.6 (16.6-28.6)	21.9 (17.6-26.1)	0.95 NS
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	505	761	1,266	
# of Low Triage visits	6,727	9,938	16,665	2,680	4,038	6,718	77	148	225	
Ratio of low to high Triage visits	0.19	0.19	0.19	0.18	0.19	0.19	0.18 (0.14-0.23)	0.25 (0.21-0.29)	0.22 (0.19-0.25)	1.16 H
% of all ED visits that are Low Triage	15.6	16.1	15.9	15.3	15.7	15.5	15.2 (11.5-18.9)	19.4 (16.0-22.9)	17.8 (15.2-20.3)	1.12 NS
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	3,598	3,956	7,554	
# of Low Triage visits	119,614	116,846	236,460	56,561	54,155	110,716	1,186	1,197	2,383	
Ratio of low to high Triage visits	0.50	0.44	0.47	0.50	0.46	0.48	0.50 (0.46-0.53)	0.44 (0.41-0.47)	0.47 (0.44-0.49)	1.00 NS
Age-Adjusted ratio of low to high Triage visits ‡	0.61	0.51	0.55	0.60	0.53	0.56	0.64 (0.59-0.69)	0.52 (0.48-0.56)	0.57 (0.54-0.60)	1.03 NS
% of all ED visits that are Low Triage	33.0	30.1	31.5	33.2	31.3	32.2	33.0 (30.7-35.3)	30.3 (28.2-32.3)	31.5 (30.0-33.1)	1.00 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 (35.0-40.1)	33.3 (31.1-35.6)	35.3 (33.6-37.0)	1.02 NS

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