

N93 – Dovercourt-Wallace Emerson-Junction Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			Dovercourt-Wallace Emerson-Junction			
	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	850	750	1,600	
Total Population Age 5-19	215,715	203,795	419,510	81,570	77,890	159,460	2,595	2,490	5,085	
Total Population Age 20-44	471,380	497,960	969,340	224,185	231,545	455,730	7,910	7,520	15,430	
Total Population Age 45-64	294,840	322,830	617,670	130,750	138,995	269,745	3,835	3,915	7,750	
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	570	442	1,012	
Rate of ED visits per 1,000 population per year	537.9	439.7	490.0	523.8	431.5	478.7	670.6 (639.0-702.2)	589.3 (554.1-624.5)	632.5 (608.9-656.1)	1.29 H
% of the population with one or more ED visits per year	34.1	29.2	31.7	33.2	28.6	31.0	40.0 (34.5-45.5)	37.5 (31.9-43.0)	38.8 (34.9-42.7)	1.22 H
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	767	672	1,439	
Rate of ED visits per 1,000 population per year	235.4	212.4	224.2	253.1	230.9	242.3	295.6 (278.0-313.1)	269.9 (252.4-287.3)	283.0 (270.6-295.4)	1.26 H
% of the population with one or more ED visits per year	17.3	15.0	16.2	18.3	15.8	17.1	20.4 (18.4-22.3)	16.8 (15.0-18.6)	18.6 (17.3-19.9)	1.15 H
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	2,216	2,279	4,495	
Rate of ED visits per 1,000 population per year	242.0	265.6	254.1	264.8	275.4	270.2	280.2 (270.3-290.0)	303.1 (292.7-313.4)	291.3 (284.1-298.5)	1.15 H
% of the population with one or more ED visits per year	15.6	16.9	16.3	16.3	17.3	16.8	18.0 (17.0-19.0)	19.0 (17.9-20.1)	18.5 (17.7-19.2)	1.14 H
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	1,289	1,163	2,452	
Rate of ED visits per 1,000 population per year	299.4	276.4	287.4	344.6	289.2	316.1	336.1 (321.2-351.1)	297.1 (282.7-311.4)	316.4 (306.0-326.7)	1.10 H
% of the population with one or more ED visits per year	17.8	17.6	17.7	18.9	17.6	18.2	20.7 (19.1-22.3)	18.6 (17.1-20.1)	19.6 (18.5-20.7)	1.11 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).

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Demographics ***										
Total Population Age 65-74	80,785	98,145	178,930	31,755	38,280	70,035	1,075	1,190	2,265	
Total Population Age 75+	68,060	104,610	172,670	26,385	43,330	69,715	665	960	1,625	
Total Population	1,199,560	1,292,940	2,492,500	523,535	557,640	1,081,175	16,930	16,825	33,755	
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	500	517	1,017	
Rate of ED visits per 1,000 population per year	357.2	328.5	341.5	404.3	352.3	375.9	465.1 (435.3-494.9)	434.5 (406.3-462.6)	449.0 (428.5-469.5)	1.31 H
% of the population with one or more ED visits per year	20.7	20.1	20.4	22.4	21.0	21.7	21.6 (18.4-24.7)	23.8 (20.6-27.0)	22.7 (20.5-25.0)	1.12 H
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	553	559	1,112	
Rate of ED visits per 1,000 population per year	634.5	590.7	608.0	663.4	595.2	621.0	831.6 (803.1-860.0)	582.3 (551.1-613.5)	684.3 (661.7-706.9)	1.13 H
% of the population with one or more ED visits per year	34.1	33.4	33.7	34.8	33.1	33.7	37.7 (31.8-43.7)	33.1 (28.7-37.6)	35.0 (31.4-38.6)	1.04 NS
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	5,895	5,632	11,527	
Rate of ED visits per 1,000 population per year	301.9	299.8	300.8	325.8	310.5	317.9	348.2 (337.2-359.2)	334.7 (324.0-345.5)	341.5 (333.8-349.2)	1.14 H
Age-Adjusted rate of visits per 1,000 †	293.9	292.3	293.1	319.1	303.5	311.2	353.2 (346.1-360.3)	340.2 (333.1-347.2)	346.6 (341.6-351.6)	1.18 H
% of the population with one or more ED visits per year	18.9	19.0	18.9	19.5	19.2	19.3	21.1 (19.8-21.3)	20.6 (20.3-21.9)	20.8 (20.3-21.4)	1.10 H
Age-Adjusted % of the population with an ED visit †	19.2	19.3	19.2	19.0	19.5	19.3	21.6 (20.9-22.2)	20.9 (20.3-21.5)	21.2 (20.8-21.7)	1.10 H

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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	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	570	442	1,012	
# of Low Triage visits	10,135	8,471	18,606	4,310	3,726	8,036	175	130	305	
Ratio of low to high Triage visits	0.38	0.42	0.40	0.41	0.46	0.43	0.45 (0.38-0.52)	0.42 (0.35-0.50)	0.44 (0.39-0.49)	1.10 NS
% of all ED visits that are Low Triage	27.4	29.4	28.3	28.5	31.3	29.7	30.7 (25.2-36.2)	29.4 (23.4-35.4)	30.1 (26.1-34.2)	1.07 NS
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	767	672	1,439	
# of Low Triage visits	22,320	17,595	39,915	8,622	7,106	15,728	261	223	484	
Ratio of low to high Triage visits	0.79	0.69	0.75	0.73	0.66	0.70	0.52 (0.45-0.60)	0.50 (0.43-0.58)	0.51 (0.46-0.57)	0.69 L
% of all ED visits that are Low Triage	44.0	40.7	42.4	41.8	39.5	40.7	34.0 (28.9-39.1)	33.2 (27.9-38.5)	33.6 (30.0-37.3)	0.79 L
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	2,216	2,279	4,495	
# of Low Triage visits	46,788	45,261	92,049	24,137	23,245	47,382	888	841	1,729	
Ratio of low to high Triage visits	0.70	0.52	0.60	0.69	0.58	0.63	0.68 (0.62-0.73)	0.59 (0.54-0.64)	0.63 (0.60-0.67)	1.05 NS
% of all ED visits that are Low Triage	41.0	34.2	37.4	40.7	36.4	38.5	40.1 (36.7-43.5)	36.9 (33.8-40.0)	38.5 (36.2-40.8)	1.03 NS
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	1,289	1,163	2,452	
# of Low Triage visits	27,429	27,774	55,203	13,968	12,762	26,730	412	337	749	
Ratio of low to high Triage visits	0.45	0.46	0.45	0.45	0.47	0.46	0.47 (0.42-0.53)	0.41 (0.36-0.46)	0.44 (0.41-0.48)	0.98 NS
% of all ED visits that are Low Triage	31.1	31.1	31.1	31.0	31.8	31.4	32.0 (28.2-35.7)	29.0 (25.3-32.6)	30.5 (27.9-33.2)	0.98 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	500	517	1,017	
# of Low Triage visits	6,215	7,807	14,022	2,844	3,278	6,122	99	102	201	
Ratio of low to high Triage visits	0.28	0.32	0.30	0.29	0.33	0.31	0.25 (0.20-0.30)	0.25 (0.20-0.30)	0.25 (0.22-0.29)	0.83 L
% of all ED visits that are Low Triage	21.5	24.2	22.9	22.2	24.3	23.3	19.8 (15.4-24.2)	19.7 (15.5-24.0)	19.8 (16.7-22.8)	0.86 L
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	553	559	1,112	
# of Low Triage visits	6,727	9,938	16,665	2,680	4,038	6,718	105	73	178	
Ratio of low to high Triage visits	0.19	0.19	0.19	0.18	0.19	0.19	0.24 (0.20-0.28)	0.15 (0.12-0.19)	0.19 (0.17-0.22)	1.02 NS
% of all ED visits that are Low Triage	15.6	16.1	15.9	15.3	15.7	15.5	19.0 (15.0-23.0)	13.1 (9.8-16.3)	16.0 (13.4-18.6)	1.01 NS
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	5,895	5,632	11,527	
# of Low Triage visits	119,614	116,846	236,460	56,561	54,155	110,716	1,940	1,706	3,646	
Ratio of low to high Triage visits	0.50	0.44	0.47	0.50	0.46	0.48	0.50 (0.47-0.52)	0.44 (0.42-0.46)	0.47 (0.45-0.49)	1.01 NS
Age-Adjusted ratio of low to high Triage visits [‡]	0.61	0.51	0.55	0.60	0.53	0.56	0.55 (0.52-0.58)	0.48 (0.45-0.51)	0.51 (0.49-0.53)	0.93 L
% of all ED visits that are Low Triage	33.0	30.1	31.5	33.2	31.3	32.2	32.9 (31.1-34.7)	30.3 (28.6-32.0)	31.6 (30.4-32.9)	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	34.6 (32.8-36.3)	31.6 (29.9-33.3)	33.0 (31.8-34.2)	0.95 L

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[±] 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.

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