

N51 – Willowdale East Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			Willowdale East			
	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	855	740	1,595	
Total Population Age 5-19	215,715	203,795	419,510	81,570	77,890	159,460	2,845	2,780	5,625	
Total Population Age 20-44	471,380	497,960	969,340	224,185	231,545	455,730	9,470	9,965	19,435	
Total Population Age 45-64	294,840	322,830	617,670	130,750	138,995	269,745	4,600	5,490	10,090	
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	338	313	651	
Rate of ED visits per 1,000 population per year	537.9	439.7	490.0	523.8	431.5	478.7	395.3 (362.5-428.1)	423.0 (387.4-458.6)	408.2 (384.0-432.3)	0.83 L
% of the population with one or more ED visits per year	34.1	29.2	31.7	33.2	28.6	31.0	27.5 (23.4-31.6)	27.4 (23.0-31.9)	27.5 (24.4-30.5)	0.87 L
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	537	455	992	
Rate of ED visits per 1,000 population per year	235.4	212.4	224.2	253.1	230.9	242.3	188.8 (174.4-203.1)	163.7 (149.9-177.4)	176.4 (166.4-186.3)	0.79 L
% of the population with one or more ED visits per year	17.3	15.0	16.2	18.3	15.8	17.1	14.4 (12.9-15.9)	12.6 (11.1-14.0)	13.5 (12.5-14.5)	0.83 L
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	1,504	1,868	3,372	
Rate of ED visits per 1,000 population per year	242.0	265.6	254.1	264.8	275.4	270.2	158.8 (151.5-166.2)	187.5 (179.8-195.1)	173.5 (168.2-178.8)	0.68 L
% of the population with one or more ED visits per year	15.6	16.9	16.3	16.3	17.3	16.8	11.5 (10.8-12.2)	13.0 (12.2-13.7)	12.2 (11.7-12.8)	0.75 L
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	741	1,063	1,804	
Rate of ED visits per 1,000 population per year	299.4	276.4	287.4	344.6	289.2	316.1	161.1 (150.5-171.7)	193.6 (183.2-204.1)	178.8 (171.3-186.3)	0.62 L
% of the population with one or more ED visits per year	17.8	17.6	17.7	18.9	17.6	18.2	11.7 (10.6-12.7)	13.5 (12.5-14.6)	12.7 (11.9-13.4)	0.72 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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Demographics ***										
Total Population Age 65-74	80,785	98,145	178,930	31,755	38,280	70,035	1,015	1,190	2,205	
Total Population Age 75+	68,060	104,610	172,670	26,385	43,330	69,715	895	1,250	2,145	
Total Population	1,199,560	1,292,940	2,492,500	523,535	557,640	1,081,175	19,680	21,415	41,095	
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	280	366	646	
Rate of ED visits per 1,000 population per year	357.2	328.5	341.5	404.3	352.3	375.9	275.9 (248.4-303.4)	307.6 (281.3-333.8)	293.0 (274.0-312.0)	0.86 L
% of the population with one or more ED visits per year	20.7	20.1	20.4	22.4	21.0	21.7	18.3 (15.4-21.2)	18.5 (15.8-21.2)	18.4 (16.4-20.4)	0.90 NS
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	412	598	1,010	
Rate of ED visits per 1,000 population per year	634.5	590.7	608.0	663.4	595.2	621.0	460.3 (427.7-493.0)	478.4 (450.7-506.1)	470.9 (449.7-492.0)	0.77 L
% of the population with one or more ED visits per year	34.1	33.4	33.7	34.8	33.1	33.7	27.0 (23.1-31.0)	29.0 (25.5-32.6)	28.2 (25.6-30.9)	0.84 L
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	3,812	4,663	8,475	
Rate of ED visits per 1,000 population per year	301.9	299.8	300.8	325.8	310.5	317.9	193.7 (186.9-200.5)	217.7 (210.7-224.8)	206.2 (201.3-211.2)	0.69 L
Age-Adjusted rate of visits per 1,000 †	293.9	292.3	293.1	319.1	303.5	311.2	203.4 (197.4-209.3)	226.8 (221.0-232.7)	215.2 (211.0-219.4)	0.73 L
% of the population with one or more ED visits per year	18.9	19.0	18.9	19.5	19.2	19.3	13.7 (14.2-15.4)	14.8 (13.1-14.3)	14.3 (13.9-14.7)	0.75 L
Age-Adjusted % of the population with an ED visit †	19.2	19.3	19.2	19.0	19.5	19.3	14.5 (13.9-15.0)	15.5 (14.9-16.0)	15.0 (14.6-15.3)	0.78 L

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

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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	338	313	651	
# of Low Triage visits	10,135	8,471	18,606	4,310	3,726	8,036	84	80	164	
Ratio of low to high Triage visits	0.38	0.42	0.40	0.41	0.46	0.43	0.33 (0.26-0.41)	0.34 (0.26-0.43)	0.34 (0.28-0.39)	0.85 L
% of all ED visits that are Low Triage	27.4	29.4	28.3	28.5	31.3	29.7	24.9 (18.7-31.0)	25.6 (19.1-32.1)	25.2 (20.7-29.6)	0.89 NS
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	537	455	992	
# of Low Triage visits	22,320	17,595	39,915	8,622	7,106	15,728	266	174	440	
Ratio of low to high Triage visits	0.79	0.69	0.75	0.73	0.66	0.70	0.99 (0.83-1.15)	0.62 (0.51-0.74)	0.80 (0.71-0.90)	1.08 NS
% of all ED visits that are Low Triage	44.0	40.7	42.4	41.8	39.5	40.7	49.5 (41.2-57.9)	38.2 (31.0-45.5)	44.4 (38.8-49.9)	1.05 NS
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	1,504	1,868	3,372	
# of Low Triage visits	46,788	45,261	92,049	24,137	23,245	47,382	671	729	1,400	
Ratio of low to high Triage visits	0.70	0.52	0.60	0.69	0.58	0.63	0.81 (0.73-0.89)	0.64 (0.59-0.70)	0.72 (0.67-0.76)	1.19 H
% of all ED visits that are Low Triage	41.0	34.2	37.4	40.7	36.4	38.5	44.6 (40.1-49.2)	39.0 (35.4-42.7)	41.5 (38.7-44.4)	1.11 H
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	741	1,063	1,804	
# of Low Triage visits	27,429	27,774	55,203	13,968	12,762	26,730	234	368	602	
Ratio of low to high Triage visits	0.45	0.46	0.45	0.45	0.47	0.46	0.46 (0.39-0.53)	0.53 (0.47-0.60)	0.50 (0.45-0.55)	1.10 H
% of all ED visits that are Low Triage	31.1	31.1	31.1	31.0	31.8	31.4	31.6 (26.7-36.5)	34.6 (30.2-39.0)	33.4 (30.1-36.6)	1.07 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.

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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	280	366	646	
# of Low Triage visits	6,215	7,807	14,022	2,844	3,278	6,122	56	101	157	
Ratio of low to high Triage visits	0.28	0.32	0.30	0.29	0.33	0.31	0.25 (0.18-0.32)	0.38 (0.30-0.47)	0.32 (0.27-0.38)	1.07 NS
% of all ED visits that are Low Triage	21.5	24.2	22.9	22.2	24.3	23.3	20.0 (14.1-25.9)	27.6 (21.3-33.9)	24.3 (19.9-28.7)	1.06 NS
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	412	598	1,010	
# of Low Triage visits	6,727	9,938	16,665	2,680	4,038	6,718	64	116	180	
Ratio of low to high Triage visits	0.19	0.19	0.19	0.18	0.19	0.19	0.19 (0.14-0.24)	0.24 (0.20-0.29)	0.22 (0.19-0.25)	1.15 NS
% of all ED visits that are Low Triage	15.6	16.1	15.9	15.3	15.7	15.5	15.5 (11.4-19.7)	19.4 (15.5-23.3)	17.8 (14.9-20.7)	1.12 NS
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	3,812	4,663	8,475	
# of Low Triage visits	119,614	116,846	236,460	56,561	54,155	110,716	1,375	1,568	2,943	
Ratio of low to high Triage visits	0.50	0.44	0.47	0.50	0.46	0.48	0.57 (0.53-0.60)	0.51 (0.48-0.54)	0.54 (0.51-0.56)	1.15 H
Age-Adjusted ratio of low to high Triage visits [‡]	0.61	0.51	0.55	0.60	0.53	0.56	0.70 (0.65-0.76)	0.56 (0.52-0.59)	0.62 (0.58-0.65)	1.12 H
% of all ED visits that are Low Triage	33.0	30.1	31.5	33.2	31.3	32.2	36.1 (33.7-38.5)	33.6 (31.6-35.7)	34.7 (33.2-36.3)	1.10 H
Age-Adjusted % of all ED visits that are Low Triage [†]	36.3	33.2	34.6	36.2	33.9	34.9	39.3 (36.8-41.8)	34.9 (32.8-37.0)	36.9 (35.3-38.5)	1.07 H

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

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