

## N37 – Willowdale West Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			Willowdale West			
	Males	Females	Both sexes	Males	Females	Both sexes	Males (95% CI)	Females (95% CI)	Both sexes (95% CI)	Rate Ratio**
<b>Demographics ***</b>										
Total Population Age 0-4	68,780	65,600	134,380	28,890	27,600	56,490	230	235	465	
Total Population Age 5-19	215,715	203,795	419,510	81,570	77,890	159,460	825	730	1,555	
Total Population Age 20-44	471,380	497,960	969,340	224,185	231,545	455,730	2,130	2,180	4,310	
Total Population Age 45-64	294,840	322,830	617,670	130,750	138,995	269,745	1,530	1,745	3,275	
<b>All Emergency Department (ED) visits (2009) †</b>										
<b>Population Age 0-4</b>										
# of ED visits	36,999	28,846	65,845	15,132	11,909	27,041	168	121	289	
Rate of ED visits per 1,000 population per year	537.9	439.7	490.0	523.8	431.5	478.7	730.4 (673.1-787.8)	514.9 (451.0-578.8)	621.5 (577.4-665.6)	1.27 H
% of the population with one or more ED visits per year	34.1	29.2	31.7	33.2	28.6	31.0	45.7 (33.8-57.5)	33.6 (24.5-42.7)	39.6 (32.2-46.9)	1.25 H
<b>Population Age 5-19</b>										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	250	209	459	
Rate of ED visits per 1,000 population per year	235.4	212.4	224.2	253.1	230.9	242.3	303.0 (271.7-334.4)	286.3 (253.5-319.1)	295.2 (272.5-317.8)	1.32 H
% of the population with one or more ED visits per year	17.3	15.0	16.2	18.3	15.8	17.1	22.2 (18.5-25.8)	19.7 (16.1-23.3)	21.0 (18.5-23.6)	1.30 H
<b>Population Age 20-44</b>										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	624	642	1,266	
Rate of ED visits per 1,000 population per year	242.0	265.6	254.1	264.8	275.4	270.2	293.0 (273.6-312.3)	294.5 (275.4-313.6)	293.7 (280.1-307.3)	1.16 H
% of the population with one or more ED visits per year	15.6	16.9	16.3	16.3	17.3	16.8	19.9 (17.7-22.0)	20.8 (18.7-23.0)	20.3 (18.8-21.9)	1.25 H
<b>Population Age 45-64</b>										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	404	474	878	
Rate of ED visits per 1,000 population per year	299.4	276.4	287.4	344.6	289.2	316.1	264.1 (242.0-286.1)	271.6 (250.8-292.5)	268.1 (252.9-283.3)	0.93 L
% of the population with one or more ED visits per year	17.8	17.6	17.7	18.9	17.6	18.2	17.6 (15.3-20.0)	18.0 (15.8-20.2)	17.8 (16.2-19.4)	1.01 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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<b>Demographics ***</b>										
Total Population Age 65-74	80,785	98,145	178,930	31,755	38,280	70,035	510	750	1,260	
Total Population Age 75+	68,060	104,610	172,670	26,385	43,330	69,715	640	970	1,610	
Total Population	1,199,560	1,292,940	2,492,500	523,535	557,640	1,081,175	5,865	6,610	12,475	
<b>All Emergency Department (ED) visits (2009) ±</b>										
<b>Population Age 65-74</b>										
# of ED visits	28,857	32,242	61,099	12,838	13,486	26,324	209	284	493	
Rate of ED visits per 1,000 population per year	357.2	328.5	341.5	404.3	352.3	375.9	409.8	378.7	391.3	1.15 H
% of the population with one or more ED visits per year	20.7	20.1	20.4	22.4	21.0	21.7	23.7	23.7	23.7	1.16 H
							(18.9-28.6)	(19.7-27.7)	(20.7-26.8)	
<b>Population Age 75+</b>										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	429	619	1,048	
Rate of ED visits per 1,000 population per year	634.5	590.7	608.0	663.4	595.2	621.0	670.3	638.1	650.9	1.07 H
% of the population with one or more ED visits per year	34.1	33.4	33.7	34.8	33.1	33.7	40.8	36.5	38.2	1.13 H
							(34.4-47.2)	(31.7-41.3)	(34.4-42.0)	
<b>Total Population</b>										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	2,084	2,349	4,433	
Rate of ED visits per 1,000 population per year	301.9	299.8	300.8	325.8	310.5	317.9	355.3	355.4	355.4	1.18 H
							(336.3-374.3)	(337.5-373.3)	(342.3-368.4)	
Age-Adjusted rate of visits per 1,000 †	293.9	292.3	293.1	319.1	303.5	311.2	344.2	331.4	337.7	1.15 H
							(331.5-356.9)	(319.2-343.7)	(328.9-346.6)	
% of the population with one or more ED visits per year	18.9	19.0	18.9	19.5	19.2	19.3	23.2	23.0	23.1	1.22 H
							(21.7-24.4)	(21.8-24.6)	(22.2-24.1)	
Age-Adjusted % of the population with an ED visit †	19.2	19.3	19.2	19.0	19.5	19.3	23.0	22.2	22.5	1.17 H
							(21.9-24.2)	(21.1-23.3)	(21.7-23.3)	

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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).

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	Males	Females	Both sexes	Males	Females	Both sexes	Males (95% CI)	Females (95% CI)	Both sexes (95% CI)	Rate Ratio**
<b>Low Triage<sup>a</sup> Emergency Department (ED) visits (2009)<sup>±</sup></b>										
<b>Population Age 0-4</b>										
# of ED visits	36,999	28,846	65,845	15,132	11,909	27,041	168	121	289	
# of Low Triage visits	10,135	8,471	18,606	4,310	3,726	8,036	47	37	84	
Ratio of low to high Triage visits	0.38	0.42	0.40	0.41	0.46	0.43	0.39 (0.28-0.51)	0.44 (0.29-0.59)	0.41 (0.32-0.50)	1.04 NS
% of all ED visits that are Low Triage	27.4	29.4	28.3	28.5	31.3	29.7	28.0 (18.6-37.4)	30.6 (18.8-42.4)	29.1 (21.7-36.4)	1.03 NS
<b>Population Age 5-19</b>										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	250	209	459	
# of Low Triage visits	22,320	17,595	39,915	8,622	7,106	15,728	126	109	235	
Ratio of low to high Triage visits	0.79	0.69	0.75	0.73	0.66	0.70	1.02 (0.78-1.25)	1.09 (0.82-1.36)	1.05 (0.87-1.23)	1.41 H
% of all ED visits that are Low Triage	44.0	40.7	42.4	41.8	39.5	40.7	50.4 (37.9-62.9)	52.2 (38.0-66.3)	51.2 (41.8-60.6)	1.21 NS
<b>Population Age 20-44</b>										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	624	642	1,266	
# of Low Triage visits	46,788	45,261	92,049	24,137	23,245	47,382	294	260	554	
Ratio of low to high Triage visits	0.70	0.52	0.60	0.69	0.58	0.63	0.89 (0.76-1.02)	0.68 (0.58-0.78)	0.78 (0.70-0.86)	1.30 H
% of all ED visits that are Low Triage	41.0	34.2	37.4	40.7	36.4	38.5	47.1 (39.7-54.5)	40.5 (34.1-46.9)	43.8 (38.9-48.6)	1.17 H
<b>Population Age 45-64</b>										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	404	474	878	
# of Low Triage visits	27,429	27,774	55,203	13,968	12,762	26,730	134	201	335	
Ratio of low to high Triage visits	0.45	0.46	0.45	0.45	0.47	0.46	0.50 (0.40-0.60)	0.74 (0.61-0.86)	0.62 (0.54-0.70)	1.36 H
% of all ED visits that are Low Triage	31.1	31.1	31.1	31.0	31.8	31.4	33.2 (26.3-40.0)	42.4 (34.7-50.1)	38.2 (33.0-43.4)	1.23 H

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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.

<sup>a</sup> Low triage was defined as Canadian Triage and Acuity Scale (CTAS) levels 4 and 5 excluding those who were subsequently admitted to hospital.

<sup>±</sup> All unscheduled ED visits. Data source: National Ambulatory Care Reporting System (NACRS), Canadian Institute for Health Information (CIHI).

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<b>Low Triage<sup>a</sup> Emergency Department (ED) visits (2009)<sup>±</sup></b>										
<b>Population Age 65-74</b>										
# of ED visits	28,857	32,242	61,099	12,838	13,486	26,324	209	284	493	
# of Low Triage visits	6,215	7,807	14,022	2,844	3,278	6,122	56	95	151	
Ratio of low to high Triage visits	0.28	0.32	0.30	0.29	0.33	0.31	0.37 (0.26-0.47)	0.51 (0.39-0.62)	0.44 (0.37-0.52)	1.47 H
% of all ED visits that are Low Triage	21.5	24.2	22.9	22.2	24.3	23.3	26.8 (18.6-35.0)	33.5 (25.2-41.7)	30.6 (24.8-36.5)	1.33 H
<b>Population Age 75+</b>										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	429	619	1,048	
# of Low Triage visits	6,727	9,938	16,665	2,680	4,038	6,718	101	139	240	
Ratio of low to high Triage visits	0.19	0.19	0.19	0.18	0.19	0.19	0.31 (0.25-0.37)	0.29 (0.24-0.34)	0.30 (0.26-0.34)	1.57 H
% of all ED visits that are Low Triage	15.6	16.1	15.9	15.3	15.7	15.5	23.5 (18.3-28.8)	22.5 (18.2-26.7)	22.9 (19.6-26.2)	1.44 H
<b>Total Population</b>										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	2,084	2,349	4,433	
# of Low Triage visits	119,614	116,846	236,460	56,561	54,155	110,716	758	841	1,599	
Ratio of low to high Triage visits	0.50	0.44	0.47	0.50	0.46	0.48	0.57 (0.53-0.62)	0.56 (0.52-0.60)	0.57 (0.54-0.60)	1.22 H
Age-Adjusted ratio of low to high Triage visits ‡	0.61	0.51	0.55	0.60	0.53	0.56	0.79 (0.70-0.87)	0.74 (0.66-0.82)	0.76 (0.70-0.81)	1.37 H
% of all ED visits that are Low Triage	33.0	30.1	31.5	33.2	31.3	32.2	36.4 (33.1-39.6)	35.8 (32.8-38.8)	36.1 (33.9-38.3)	1.14 H
Age-Adjusted % of all ED visits that are Low Triage †	36.3	33.2	34.6	36.2	33.9	34.9	42.1 (38.5-45.7)	41.3 (37.8-44.8)	41.7 (39.2-44.2)	1.21 H

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