

## N23 – Pelmo Park-Humberlea Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			Pelmo Park-Humberlea			
	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	240	260	500	
Total Population Age 5-19	215,715	203,795	419,510	81,570	77,890	159,460	800	725	1,525	
Total Population Age 20-44	471,380	497,960	969,340	224,185	231,545	455,730	1,445	1,510	2,955	
Total Population Age 45-64	294,840	322,830	617,670	130,750	138,995	269,745	935	995	1,930	
<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	130	115	245	
Rate of ED visits per 1,000 population per year	537.9	439.7	490.0	523.8	431.5	478.7	541.7 (478.6-604.7)	442.3 (381.9-502.7)	490.0 (446.2-533.8)	1.00 NS
% of the population with one or more ED visits per year	34.1	29.2	31.7	33.2	28.6	31.0	34.2 (25.1-43.3)	25.0 (18.0-32.0)	29.4 (23.7-35.1)	0.93 NS
<b>Population Age 5-19</b>										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	228	150	378	
Rate of ED visits per 1,000 population per year	235.4	212.4	224.2	253.1	230.9	242.3	285.0 (253.7-316.3)	206.9 (177.4-236.4)	247.9 (226.2-269.5)	1.11 H
% of the population with one or more ED visits per year	17.3	15.0	16.2	18.3	15.8	17.1	23.1 (19.3-26.9)	14.9 (11.9-17.9)	19.2 (16.8-21.7)	1.19 H
<b>Population Age 20-44</b>										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	438	478	916	
Rate of ED visits per 1,000 population per year	242.0	265.6	254.1	264.8	275.4	270.2	303.1 (279.4-326.8)	316.6 (293.1-340.0)	310.0 (293.3-326.7)	1.22 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 (17.3-22.4)	21.3 (18.6-23.9)	20.6 (18.7-22.4)	1.27 H
<b>Population Age 45-64</b>										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	296	344	640	
Rate of ED visits per 1,000 population per year	299.4	276.4	287.4	344.6	289.2	316.1	316.6 (286.8-346.4)	345.7 (316.2-375.3)	331.6 (310.6-352.6)	1.15 H
% of the population with one or more ED visits per year	17.8	17.6	17.7	18.9	17.6	18.2	21.3 (18.0-24.6)	22.0 (18.7-25.3)	21.7 (19.3-24.0)	1.22 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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<b>Demographics ***</b>										
Total Population Age 65-74	80,785	98,145	178,930	31,755	38,280	70,035	385	420	805	
Total Population Age 75+	68,060	104,610	172,670	26,385	43,330	69,715	230	340	570	
Total Population	1,199,560	1,292,940	2,492,500	523,535	557,640	1,081,175	4,035	4,250	8,285	
<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	102	122	224	
Rate of ED visits per 1,000 population per year	357.2	328.5	341.5	404.3	352.3	375.9	264.9 (220.9-309.0)	290.5 (247.1-333.9)	278.3 (248.5-310.5)	0.81 L
% of the population with one or more ED visits per year	20.7	20.1	20.4	22.4	21.0	21.7	16.9 (12.4-21.4)	18.1 (13.6-22.6)	17.5 (14.3-20.7)	0.86 NS
<b>Population Age 75+</b>										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	152	197	349	
Rate of ED visits per 1,000 population per year	634.5	590.7	608.0	663.4	595.2	621.0	660.9 (599.7-722.1)	579.4 (526.9-631.9)	612.3 (572.3-652.3)	1.01 NS
% of the population with one or more ED visits per year	34.1	33.4	33.7	34.8	33.1	33.7	35.2 (25.7-44.7)	38.2 (29.9-46.6)	37.0 (30.7-43.3)	1.10 NS
<b>Total Population</b>										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	1,346	1,406	2,752	
Rate of ED visits per 1,000 population per year	301.9	299.8	300.8	325.8	310.5	317.9	333.6 (311.8-355.4)	330.8 (309.7-352.0)	332.2 (317.1-347.5)	1.10 H
Age-Adjusted rate of visits per 1,000 †	293.9	292.3	293.1	319.1	303.5	311.2	332.6 (317.9-347.3)	326.1 (312.1-340.0)	329.3 (319.1-339.5)	1.12 H
% of the population with one or more ED visits per year	18.9	19.0	18.9	19.5	19.2	19.3	22.3 (20.0-23.2)	21.6 (20.6-23.9)	21.9 (20.8-23.1)	1.16 H
Age-Adjusted % of the population with an ED visit †	19.2	19.3	19.2	19.0	19.5	19.3	22.5 (21.2-23.8)	21.3 (20.1-22.6)	21.9 (20.9-22.8)	1.14 H

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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**
<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	130	115	245	
# of Low Triage visits	10,135	8,471	18,606	4,310	3,726	8,036	33	29	62	
Ratio of low to high Triage visits	0.38	0.42	0.40	0.41	0.46	0.43	0.34 (0.22-0.46)	0.34 (0.21-0.47)	0.34 (0.25-0.43)	0.86 NS
% of all ED visits that are Low Triage	27.4	29.4	28.3	28.5	31.3	29.7	25.4 (15.4-35.4)	25.2 (14.6-35.8)	25.3 (18.0-32.6)	0.90 NS
<b>Population Age 5-19</b>										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	228	150	378	
# of Low Triage visits	22,320	17,595	39,915	8,622	7,106	15,728	86	40	126	
Ratio of low to high Triage visits	0.79	0.69	0.75	0.73	0.66	0.70	0.61 (0.46-0.76)	0.37 (0.24-0.49)	0.50 (0.40-0.61)	0.68 L
% of all ED visits that are Low Triage	44.0	40.7	42.4	41.8	39.5	40.7	37.7 (27.6-47.8)	26.7 (17.0-36.3)	33.3 (26.2-40.5)	0.79 L
<b>Population Age 20-44</b>										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	438	478	916	
# of Low Triage visits	46,788	45,261	92,049	24,137	23,245	47,382	160	123	283	
Ratio of low to high Triage visits	0.70	0.52	0.60	0.69	0.58	0.63	0.58 (0.48-0.69)	0.35 (0.28-0.42)	0.45 (0.39-0.51)	0.75 L
% of all ED visits that are Low Triage	41.0	34.2	37.4	40.7	36.4	38.5	36.5 (29.4-43.6)	25.7 (20.5-31.0)	30.9 (26.6-35.2)	0.83 L
<b>Population Age 45-64</b>										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	296	344	640	
# of Low Triage visits	27,429	27,774	55,203	13,968	12,762	26,730	69	94	163	
Ratio of low to high Triage visits	0.45	0.46	0.45	0.45	0.47	0.46	0.31 (0.23-0.38)	0.38 (0.30-0.46)	0.34 (0.29-0.40)	0.76 L
% of all ED visits that are Low Triage	31.1	31.1	31.1	31.0	31.8	31.4	23.3 (17.0-29.6)	27.3 (20.8-33.8)	25.5 (20.9-30.0)	0.82 L

**CI** Confidence Interval.

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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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<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	102	122	224	
# of Low Triage visits	6,215	7,807	14,022	2,844	3,278	6,122	19*	25	44	
Ratio of low to high Triage visits	0.28	0.32	0.30	0.29	0.33	0.31	0.23* (0.12-0.34)	0.26 (0.15-0.37)	0.24 (0.17-0.32)	0.81 NS
% of all ED visits that are Low Triage	21.5	24.2	22.9	22.2	24.3	23.3	18.6* (9.3-27.9)	20.5 (11.5-29.5)	19.6 (13.1-26.0)	0.85 NS
<b>Population Age 75+</b>										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	152	197	349	
# of Low Triage visits	6,727	9,938	16,665	2,680	4,038	6,718	16*	22	38	
Ratio of low to high Triage visits	0.19	0.19	0.19	0.18	0.19	0.19	0.12* (0.06-0.18)	0.13 (0.07-0.18)	0.12 (0.08-0.16)	0.64 L
% of all ED visits that are Low Triage	15.6	16.1	15.9	15.3	15.7	15.5	10.5* (5.1-16.0)	11.2 (6.2-16.1)	10.9 (7.2-14.6)	0.69 L
<b>Total Population</b>										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	1,346	1,406	2,752	
# of Low Triage visits	119,614	116,846	236,460	56,561	54,155	110,716	383	333	716	
Ratio of low to high Triage visits	0.50	0.44	0.47	0.50	0.46	0.48	0.40 (0.36-0.45)	0.31 (0.28-0.35)	0.35 (0.33-0.38)	0.76 L
Age-Adjusted ratio of low to high Triage visits <sup>‡</sup>	0.61	0.51	0.55	0.60	0.53	0.56	0.48 (0.42-0.54)	0.34 (0.30-0.38)	0.41 (0.37-0.44)	0.74 L
% of all ED visits that are Low Triage	33.0	30.1	31.5	33.2	31.3	32.2	28.5 (25.1-31.8)	23.7 (20.8-26.6)	26.0 (23.8-28.2)	0.82 L
Age-Adjusted % of all ED visits that are Low Triage <sup>†</sup>	36.3	33.2	34.6	36.2	33.9	34.9	31.3 (27.8-34.8)	24.9 (21.8-27.9)	28.2 (25.9-30.5)	0.82 L

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