

## N121 – Oakridge Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			Oakridge			
	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	575	540	1,115	
Total Population Age 5-19	215,715	203,795	419,510	81,570	77,890	159,460	1,445	1,325	2,770	
Total Population Age 20-44	471,380	497,960	969,340	224,185	231,545	455,730	2,540	2,750	5,290	
Total Population Age 45-64	294,840	322,830	617,670	130,750	138,995	269,745	1,495	1,485	2,980	
<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	237	211	448	
Rate of ED visits per 1,000 population per year	537.9	439.7	490.0	523.8	431.5	478.7	412.2 (371.9-452.4)	390.7 (349.6-431.9)	401.8 (373.0-430.6)	0.82 L
% of the population with one or more ED visits per year	34.1	29.2	31.7	33.2	28.6	31.0	25.0 (20.3-29.8)	28.3 (23.0-33.6)	26.6 (23.1-30.2)	0.84 L
<b>Population Age 5-19</b>										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	294	470	764	
Rate of ED visits per 1,000 population per year	235.4	212.4	224.2	253.1	230.9	242.3	203.5 (182.7-224.2)	354.7 (329.0-380.5)	275.8 (259.2-292.5)	1.23 H
% of the population with one or more ED visits per year	17.3	15.0	16.2	18.3	15.8	17.1	15.6 (13.4-17.8)	16.0 (13.6-18.4)	15.8 (14.2-17.4)	0.98 NS
<b>Population Age 20-44</b>										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	719	697	1,416	
Rate of ED visits per 1,000 population per year	242.0	265.6	254.1	264.8	275.4	270.2	283.1 (265.6-300.6)	253.5 (237.2-269.7)	267.7 (255.7-279.6)	1.05 H
% of the population with one or more ED visits per year	15.6	16.9	16.3	16.3	17.3	16.8	15.1 (13.4-16.7)	16.0 (14.4-17.6)	15.6 (14.4-16.7)	0.96 NS
<b>Population Age 45-64</b>										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	604	525	1,129	
Rate of ED visits per 1,000 population per year	299.4	276.4	287.4	344.6	289.2	316.1	404.0 (379.1-428.9)	353.5 (329.2-377.9)	378.9 (361.4-396.3)	1.32 H
% of the population with one or more ED visits per year	17.8	17.6	17.7	18.9	17.6	18.2	22.1 (19.4-24.8)	21.9 (19.2-24.6)	22.0 (20.1-23.9)	1.24 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	320	410	730	
Total Population Age 75+	68,060	104,610	172,670	26,385	43,330	69,715	195	340	535	
Total Population	1,199,560	1,292,940	2,492,500	523,535	557,640	1,081,175	6,570	6,850	13,420	
<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	165	137	302	
Rate of ED visits per 1,000 population per year	357.2	328.5	341.5	404.3	352.3	375.9	515.6 (460.9-570.4)	334.1 (288.5-379.8)	413.7 (378.0-449.4)	1.21 H
% of the population with one or more ED visits per year	20.7	20.1	20.4	22.4	21.0	21.7	28.8 (21.8-35.7)	20.7 (15.8-25.7)	24.2 (20.1-28.4)	1.19 NS
<b>Population Age 75+</b>										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	171	301	472	
Rate of ED visits per 1,000 population per year	634.5	590.7	608.0	663.4	595.2	621.0	876.9 (830.8-923.0)	885.3 (851.4-919.2)	882.2 (854.9-909.6)	1.45 H
% of the population with one or more ED visits per year	34.1	33.4	33.7	34.8	33.1	33.7	46.7 (33.5-59.8)	52.1 (41.0-63.1)	50.1 (41.6-58.6)	1.49 H
<b>Total Population</b>										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	2,190	2,341	4,531	
Rate of ED visits per 1,000 population per year	301.9	299.8	300.8	325.8	310.5	317.9	333.3 (316.2-350.4)	341.8 (324.7-358.8)	337.6 (325.6-349.7)	1.12 H
Age-Adjusted rate of visits per 1,000 †	293.9	292.3	293.1	319.1	303.5	311.2	347.6 (335.9-359.3)	358.6 (345.5-371.7)	353.1 (344.3-362.0)	1.20 H
% of the population with one or more ED visits per year	18.9	19.0	18.9	19.5	19.2	19.3	19.3 (19.1-21.5)	20.3 (18.1-20.5)	19.8 (19.0-20.6)	1.05 H
Age-Adjusted % of the population with an ED visit †	19.2	19.3	19.2	19.0	19.5	19.3	19.7 (18.7-20.6)	21.1 (20.2-21.9)	20.3 (19.7-21.0)	1.06 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	237	211	448	
# of Low Triage visits	10,135	8,471	18,606	4,310	3,726	8,036	82	84	166	
Ratio of low to high Triage visits	0.38	0.42	0.40	0.41	0.46	0.43	0.54 (0.41-0.67)	0.67 (0.50-0.83)	0.60 (0.49-0.70)	1.50 H
% of all ED visits that are Low Triage	27.4	29.4	28.3	28.5	31.3	29.7	34.6 (25.3-43.9)	39.8 (28.8-50.8)	37.1 (29.9-44.2)	1.31 H
<b>Population Age 5-19</b>										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	294	470	764	
# of Low Triage visits	22,320	17,595	39,915	8,622	7,106	15,728	133	165	298	
Ratio of low to high Triage visits	0.79	0.69	0.75	0.73	0.66	0.70	0.84 (0.65-1.02)	0.55 (0.45-0.64)	0.65 (0.56-0.74)	0.87 L
% of all ED visits that are Low Triage	44.0	40.7	42.4	41.8	39.5	40.7	45.2 (34.8-55.6)	35.1 (28.5-41.8)	39.0 (33.3-44.7)	0.92 NS
<b>Population Age 20-44</b>										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	719	697	1,416	
# of Low Triage visits	46,788	45,261	92,049	24,137	23,245	47,382	241	220	461	
Ratio of low to high Triage visits	0.70	0.52	0.60	0.69	0.58	0.63	0.51 (0.44-0.59)	0.47 (0.39-0.54)	0.49 (0.44-0.54)	0.81 L
% of all ED visits that are Low Triage	41.0	34.2	37.4	40.7	36.4	38.5	33.5 (28.3-38.7)	31.6 (26.5-36.6)	32.6 (28.9-36.2)	0.87 L
<b>Population Age 45-64</b>										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	604	525	1,129	
# of Low Triage visits	27,429	27,774	55,203	13,968	12,762	26,730	185	147	332	
Ratio of low to high Triage visits	0.45	0.46	0.45	0.45	0.47	0.46	0.44 (0.37-0.51)	0.39 (0.32-0.46)	0.42 (0.37-0.47)	0.93 NS
% of all ED visits that are Low Triage	31.1	31.1	31.1	31.0	31.8	31.4	30.6 (25.3-35.9)	28.0 (22.7-33.3)	29.4 (25.6-33.2)	0.95 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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<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	165	137	302	
# of Low Triage visits	6,215	7,807	14,022	2,844	3,278	6,122	43	20	63	
Ratio of low to high Triage visits	0.28	0.32	0.30	0.29	0.33	0.31	0.36 (0.24-0.47)	0.18 (0.10-0.26)	0.27 (0.20-0.34)	0.89 NS
% of all ED visits that are Low Triage	21.5	24.2	22.9	22.2	24.3	23.3	26.1 (17.0-35.1)	14.6 (7.7-21.5)	20.9 (15.1-26.7)	0.91 NS
<b>Population Age 75+</b>										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	171	301	472	
# of Low Triage visits	6,727	9,938	16,665	2,680	4,038	6,718	30	50	80	
Ratio of low to high Triage visits	0.19	0.19	0.19	0.18	0.19	0.19	0.21 (0.14-0.29)	0.20 (0.15-0.25)	0.21 (0.16-0.25)	1.07 NS
% of all ED visits that are Low Triage	15.6	16.1	15.9	15.3	15.7	15.5	17.5 (10.6-24.5)	16.6 (11.6-21.7)	16.9 (12.9-21.0)	1.07 NS
<b>Total Population</b>										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	2,190	2,341	4,531	
# of Low Triage visits	119,614	116,846	236,460	56,561	54,155	110,716	714	686	1,400	
Ratio of low to high Triage visits	0.50	0.44	0.47	0.50	0.46	0.48	0.49 (0.45-0.53)	0.42 (0.38-0.45)	0.45 (0.43-0.48)	0.97 NS
Age-Adjusted ratio of low to high Triage visits <sup>‡</sup>	0.61	0.51	0.55	0.60	0.53	0.56	0.58 (0.52-0.63)	0.50 (0.44-0.55)	0.52 (0.48-0.55)	0.94 NS
% of all ED visits that are Low Triage	33.0	30.1	31.5	33.2	31.3	32.2	32.6 (29.7-35.5)	29.3 (26.7-31.9)	30.9 (29.0-32.8)	0.98 NS
Age-Adjusted % of all ED visits that are Low Triage <sup>†</sup>	36.3	33.2	34.6	36.2	33.9	34.9	35.1 (32.1-38.2)	31.4 (28.6-34.1)	32.8 (30.8-34.8)	0.95 NS

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