

N20 – Alderwood Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			Alderwood			
	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	225	240	465	
Total Population Age 5-19	215,715	203,795	419,510	81,570	77,890	159,460	955	900	1,855	
Total Population Age 20-44	471,380	497,960	969,340	224,185	231,545	455,730	1,935	1,915	3,850	
Total Population Age 45-64	294,840	322,830	617,670	130,750	138,995	269,745	1,635	1,640	3,275	
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	207	232	439	
Rate of ED visits per 1,000 population per year	537.9	439.7	490.0	523.8	431.5	478.7	920.0 (884.6-955.4)	966.7 (944.0-989.4)	944.1 (923.2-965.0)	1.93 H
% of the population with one or more ED visits per year	34.1	29.2	31.7	33.2	28.6	31.0	51.6 (38.1-65.0)	50.0 (37.3-62.7)	50.8 (41.5-60.0)	1.60 H
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	328	357	685	
Rate of ED visits per 1,000 population per year	235.4	212.4	224.2	253.1	230.9	242.3	343.5 (313.3-373.6)	396.7 (364.7-428.6)	369.3 (347.3-391.2)	1.65 H
% of the population with one or more ED visits per year	17.3	15.0	16.2	18.3	15.8	17.1	23.8 (20.2-27.3)	23.9 (20.2-27.5)	23.8 (21.3-26.4)	1.47 H
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	727	827	1,554	
Rate of ED visits per 1,000 population per year	242.0	265.6	254.1	264.8	275.4	270.2	375.7 (354.1-397.3)	431.9 (409.7-454.0)	403.6 (388.1-419.1)	1.59 H
% of the population with one or more ED visits per year	15.6	16.9	16.3	16.3	17.3	16.8	25.0 (22.4-27.5)	24.9 (22.3-27.4)	24.9 (23.1-26.7)	1.53 H
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	557	562	1,119	
Rate of ED visits per 1,000 population per year	299.4	276.4	287.4	344.6	289.2	316.1	340.7 (317.7-363.6)	342.7 (319.7-365.7)	341.7 (325.4-357.9)	1.19 H
% of the population with one or more ED visits per year	17.8	17.6	17.7	18.9	17.6	18.2	22.8 (20.2-25.4)	22.8 (20.2-25.4)	22.8 (20.9-24.7)	1.29 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	425	520	945	
Total Population Age 75+	68,060	104,610	172,670	26,385	43,330	69,715	445	730	1,175	
Total Population	1,199,560	1,292,940	2,492,500	523,535	557,640	1,081,175	5,620	5,945	11,565	
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	225	210	435	
Rate of ED visits per 1,000 population per year	357.2	328.5	341.5	404.3	352.3	375.9	529.4 (482.0-576.9)	403.8 (361.7-446.0)	460.3 (428.5-492.1)	1.35 H
% of the population with one or more ED visits per year	20.7	20.1	20.4	22.4	21.0	21.7	28.0 (22.1-33.9)	21.2 (16.7-25.6)	24.2 (20.6-27.8)	1.19 H
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	324	466	790	
Rate of ED visits per 1,000 population per year	634.5	590.7	608.0	663.4	595.2	621.0	728.1 (686.7-769.4)	638.4 (603.5-673.2)	672.3 (645.5-699.2)	1.11 H
% of the population with one or more ED visits per year	34.1	33.4	33.7	34.8	33.1	33.7	34.8 (28.0-41.6)	32.6 (27.6-37.6)	33.4 (29.4-37.5)	0.99 NS
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	2,368	2,654	5,022	
Rate of ED visits per 1,000 population per year	301.9	299.8	300.8	325.8	310.5	317.9	421.4 (399.0-443.7)	446.4 (423.6-469.3)	434.2 (418.3-450.2)	1.44 H
Age-Adjusted rate of visits per 1,000 †	293.9	292.3	293.1	319.1	303.5	311.2	424.2 (411.3-437.2)	460.8 (448.1-473.5)	442.7 (433.6-451.8)	1.51 H
% of the population with one or more ED visits per year	18.9	19.0	18.9	19.5	19.2	19.3	26.2 (24.3-27.3)	25.8 (24.7-27.8)	26.0 (24.9-27.1)	1.37 H
Age-Adjusted % of the population with an ED visit †	19.2	19.3	19.2	19.0	19.5	19.3	26.9 (25.7-28.1)	26.6 (25.4-27.8)	26.7 (25.9-27.6)	1.39 H

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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	207	232	439	
# of Low Triage visits	10,135	8,471	18,606	4,310	3,726	8,036	71	79	150	
Ratio of low to high Triage visits	0.38	0.42	0.40	0.41	0.46	0.43	0.53 (0.41-0.65)	0.52 (0.41-0.62)	0.52 (0.44-0.60)	1.31 H
% of all ED visits that are Low Triage	27.4	29.4	28.3	28.5	31.3	29.7	34.3 (24.5-44.1)	34.1 (24.8-43.3)	34.2 (27.4-40.9)	1.21 NS
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	328	357	685	
# of Low Triage visits	22,320	17,595	39,915	8,622	7,106	15,728	182	193	375	
Ratio of low to high Triage visits	0.79	0.69	0.75	0.73	0.66	0.70	1.26 (1.01-1.50)	1.18 (0.96-1.41)	1.22 (1.05-1.38)	1.63 H
% of all ED visits that are Low Triage	44.0	40.7	42.4	41.8	39.5	40.7	55.5 (43.4-67.6)	54.1 (42.8-65.3)	54.7 (46.5-63.0)	1.29 H
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	727	827	1,554	
# of Low Triage visits	46,788	45,261	92,049	24,137	23,245	47,382	370	369	739	
Ratio of low to high Triage visits	0.70	0.52	0.60	0.69	0.58	0.63	1.04 (0.90-1.17)	0.81 (0.71-0.90)	0.91 (0.83-0.99)	1.51 H
% of all ED visits that are Low Triage	41.0	34.2	37.4	40.7	36.4	38.5	50.9 (43.5-58.3)	44.6 (38.5-50.7)	47.6 (42.8-52.3)	1.27 H
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	557	562	1,119	
# of Low Triage visits	27,429	27,774	55,203	13,968	12,762	26,730	243	231	474	
Ratio of low to high Triage visits	0.45	0.46	0.45	0.45	0.47	0.46	0.78 (0.66-0.90)	0.70 (0.59-0.80)	0.74 (0.66-0.82)	1.62 H
% of all ED visits that are Low Triage	31.1	31.1	31.1	31.0	31.8	31.4	43.6 (36.3-50.9)	41.1 (34.2-48.0)	42.4 (37.3-47.4)	1.36 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.

^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	225	210	435	
# of Low Triage visits	6,215	7,807	14,022	2,844	3,278	6,122	68	58	126	
Ratio of low to high Triage visits	0.28	0.32	0.30	0.29	0.33	0.31	0.44 (0.33-0.55)	0.39 (0.28-0.49)	0.41 (0.33-0.49)	1.37 H
% of all ED visits that are Low Triage	21.5	24.2	22.9	22.2	24.3	23.3	30.2 (21.6-38.8)	27.6 (19.3-36.0)	29.0 (23.0-35.0)	1.26 H
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	324	466	790	
# of Low Triage visits	6,727	9,938	16,665	2,680	4,038	6,718	78	105	183	
Ratio of low to high Triage visits	0.19	0.19	0.19	0.18	0.19	0.19	0.32 (0.25-0.39)	0.29 (0.24-0.35)	0.30 (0.26-0.35)	1.59 H
% of all ED visits that are Low Triage	15.6	16.1	15.9	15.3	15.7	15.5	24.1 (17.9-30.2)	22.5 (17.6-27.4)	23.2 (19.3-27.0)	1.46 H
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	2,368	2,654	5,022	
# of Low Triage visits	119,614	116,846	236,460	56,561	54,155	110,716	1,012	1,035	2,047	
Ratio of low to high Triage visits	0.50	0.44	0.47	0.50	0.46	0.48	0.75 (0.70-0.81)	0.64 (0.60-0.69)	0.69 (0.66-0.73)	1.49 H
Age-Adjusted ratio of low to high Triage visits ‡	0.61	0.51	0.55	0.60	0.53	0.56	0.98 (0.88-1.07)	0.81 (0.74-0.88)	0.88 (0.82-0.93)	1.59 H
% of all ED visits that are Low Triage	33.0	30.1	31.5	33.2	31.3	32.2	42.7 (39.3-46.2)	39.0 (36.0-42.0)	40.8 (38.5-43.1)	1.29 H
Age-Adjusted % of all ED visits that are Low Triage †	36.3	33.2	34.6	36.2	33.9	34.9	47.5 (44.1-50.8)	43.0 (40.1-45.9)	45.1 (42.9-47.3)	1.30 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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