N78 – Kensington-Chinatown Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			Kensington-Chinatown			
	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	300	250	550	
Total Population Age 5-19	215,715	203,795	419,510	81,570	77,890	159,460	1,100	1,045	2,145	
Total Population Age 20-44	471,380	497,960	969,340	224,185	231,545	455,730	4,295	4,175	8,470	
Total Population Age 45-64	294,840	322,830	617,670	130,750	138,995	269,745	1,605	1,745	3,350	
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	189	128	317	
Rate of ED visits per 1,000 population per year	537.9	439.7	490.0	523.8	431.5	478.7	630.0 (575.4-684.6)	512.0 (450.0-574.0)	576.4 (535.1-617.7)	1.18 H
% of the population with one or more ED visits per year	34.1	29.2	31.7	33.2	28.6	31.0	40.0 (30.8-49.2)	32.8 (24.1-41.5)	36.7 (30.4-43.1)	1.16 NS
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	281	270	551	
Rate of ED visits per 1,000 population per year	235.4	212.4	224.2	253.1	230.9	242.3	255.5 (229.7-281.2)	258.4 (231.8-284.9)	256.9 (238.4-275.4)	1.15 H
% of the population with one or more ED visits per year	17.3	15.0	16.2	18.3	15.8	17.1	19.5 (16.6-22.5)	18.9 (16.0-21.9)	19.3 (17.2-21.3)	1.19 H
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	1,341	1,347	2,688	
Rate of ED visits per 1,000 population per year	242.0	265.6	254.1	264.8	275.4	270.2	312.2 (298.4-326.1)	322.6 (308.5-336.8)	317.4 (307.4-327.3)	1.25 H
% of the population with one or more ED visits per year	15.6	16.9	16.3	16.3	17.3	16.8	16.9 (15.5-18.2)	18.7 (17.2-20.1)	17.8 (16.8-18.7)	1.09 H
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	847	908	1,755	
Rate of ED visits per 1,000 population per year	299.4	276.4	287.4	344.6	289.2	316.1	527.7 (503.3-552.2)	520.3 (496.9-543.8)	523.9 (507.0-540.8)	1.82 H
% of the population with one or more ED visits per year	17.8	17.6	17.7	18.9	17.6	18.2	22.6 (20.0-25.3)	20.1 (17.7-22.4)	21.3 (19.5-23.0)	1.20 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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N78 – Kensington-Chinatown Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			Kensington-Chinatown			
	Males	Females	Both sexes	Males	Females	Both sexes	Males (95% CI)	Females (95% CI)	Both sexes (95% CI)	Rate Ratio**
Demographics *										
Total Population Age 65-74	80,785	98,145	178,930	31,755	38,280	70,035	540	760	1,300	
Total Population Age 75+	68,060	104,610	172,670	26,385	43,330	69,715	515	755	1,270	
Total Population	1,199,560	1,292,940	2,492,500	523,535	557,640	1,081,175	8,355	8,730	17,085	
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	195	281	476	
Rate of ED visits per 1,000 population per year	357.2	328.5	341.5	404.3	352.3	375.9	361.1 (320.6-401.6)	369.7 (335.4-404.1)	366.2 (340.0-392.3)	1.07 NS
% of the population with one or more ED visits per year	20.7	20.1	20.4	22.4	21.0	21.7	18.5 (14.5-22.5)	18.4 (15.0-21.8)	18.5 (15.9-21.0)	0.91 NS
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	377	499	876	
Rate of ED visits per 1,000 population per year	634.5	590.7	608.0	663.4	595.2	621.0	732.0 (693.8-770.3)	660.9 (627.2-694.7)	689.8 (664.3-715.2)	1.13 H
% of the population with one or more ED visits per year	34.1	33.4	33.7	34.8	33.1	33.7	35.0 (28.6-41.3)	31.9 (27.0-36.8)	33.1 (29.3-37.0)	0.98 NS
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	3,230	3,433	6,663	
Rate of ED visits per 1,000 population per year	301.9	299.8	300.8	325.8	310.5	317.9	386.6 (369.6-403.6)	393.2 (376.4-410.1)	390.0 (378.0-402.0)	1.30 H
Age-Adjusted rate of visits per 1,000 †	293.9	292.3	293.1	319.1	303.5	311.2	380.0 (369.4-390.6)	384.5 (374.1-394.9)	382.3 (374.8-389.7)	1.30 H
% of the population with one or more ED visits per year	18.9	19.0	18.9	19.5	19.2	19.3	20.4 (19.4-21.6)	20.5 (19.3-21.5)	20.4 (19.7-21.2)	1.08 H
Age-Adjusted % of the population with an ED visit †	19.2	19.3	19.2	19.0	19.5	19.3	20.9 (20.0-21.9)	20.6 (19.6-21.5)	20.7 (20.1-21.4)	1.08 H

CI Confidence Interval.

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± 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.

N78 – Kensington-Chinatown Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			Kensington-Chinatown			
	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	189	128	317	
# of Low Triage visits	10,135	8,471	18,606	4,310	3,726	8,036	75	55	130	
Ratio of low to high Triage visits	0.38	0.42	0.40	0.41	0.46	0.43	0.69 (0.52-0.87)	0.77 (0.54-1.01)	0.73 (0.59-0.87)	1.82 H
% of all ED visits that are Low Triage	27.4	29.4	28.3	28.5	31.3	29.7	39.7 (28.1-51.2)	43.0 (27.9-58.0)	41.0 (31.8-50.2)	1.45 H
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	281	270	551	
# of Low Triage visits	22,320	17,595	39,915	8,622	7,106	15,728	134	135	269	
Ratio of low to high Triage visits	0.79	0.69	0.75	0.73	0.66	0.70	0.95 (0.74-1.16)	1.01 (0.78-1.23)	0.98 (0.82-1.13)	1.31 H
% of all ED visits that are Low Triage	44.0	40.7	42.4	41.8	39.5	40.7	47.7 (36.5-58.9)	50.0 (38.1-61.9)	48.8 (40.7-57.0)	1.15 NS
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	1,341	1,347	2,688	
# of Low Triage visits	46,788	45,261	92,049	24,137	23,245	47,382	635	587	1,222	
Ratio of low to high Triage visits	0.70	0.52	0.60	0.69	0.58	0.63	0.92 (0.83-1.01)	0.79 (0.71-0.86)	0.85 (0.79-0.91)	1.42 H
% of all ED visits that are Low Triage	41.0	34.2	37.4	40.7	36.4	38.5	47.4 (42.3-52.4)	43.6 (38.9-48.3)	45.5 (42.0-48.9)	1.22 H
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	847	908	1,755	
# of Low Triage visits	27,429	27,774	55,203	13,968	12,762	26,730	325	386	711	
Ratio of low to high Triage visits	0.45	0.46	0.45	0.45	0.47	0.46	0.64 (0.56-0.72)	0.74 (0.66-0.83)	0.69 (0.64-0.75)	1.52 H
% of all ED visits that are Low Triage	31.1	31.1	31.1	31.0	31.8	31.4	38.4 (33.1-43.7)	42.5 (36.9-48.1)	40.5 (36.7-44.4)	1.30 H

CI   Confidence Interval.

H / L / NS   Chances are at least 19 in 20 that the ratio/rate is higher (H) or lower (L) than the City of Toronto ratio/rate (p < 0.05). Ratios/Rates marked not significantly (NS) different do not reach this level of significance.

*   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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Indicators	City of Toronto			Toronto Central LHIN			Kensington-Chinatown			
	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 65-74										
# of ED visits	28,857	32,242	61,099	12,838	13,486	26,324	195	281	476	
# of Low Triage visits	6,215	7,807	14,022	2,844	3,278	6,122	53	74	127	
Ratio of low to high Triage visits	0.28	0.32	0.30	0.29	0.33	0.31	0.39 (0.27-0.50)	0.36 (0.27-0.45)	0.37 (0.30-0.44)	1.23 NS
% of all ED visits that are Low Triage	21.5	24.2	22.9	22.2	24.3	23.3	27.2 (18.6-35.8)	26.3 (19.3-33.3)	26.7 (21.3-32.1)	1.16 NS
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	377	499	876	
# of Low Triage visits	6,727	9,938	16,665	2,680	4,038	6,718	64	97	161	
Ratio of low to high Triage visits	0.19	0.19	0.19	0.18	0.19	0.19	0.21 (0.16-0.26)	0.25 (0.20-0.29)	0.23 (0.20-0.27)	1.20 H
% of all ED visits that are Low Triage	15.6	16.1	15.9	15.3	15.7	15.5	17.0 (12.4-21.5)	19.4 (15.1-23.7)	18.4 (15.2-21.5)	1.16 NS
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	3,230	3,433	6,663	
# of Low Triage visits	119,614	116,846	236,460	56,561	54,155	110,716	1,286	1,334	2,620	
Ratio of low to high Triage visits	0.50	0.44	0.47	0.50	0.46	0.48	0.68 (0.64-0.73)	0.64 (0.60-0.68)	0.66 (0.63-0.69)	1.42 H
Age-Adjusted ratio of low to high Triage visits ‡	0.61	0.51	0.55	0.60	0.53	0.56	0.80 (0.74-0.87)	0.78 (0.71-0.85)	0.79 (0.74-0.83)	1.43 H
% of all ED visits that are Low Triage	33.0	30.1	31.5	33.2	31.3	32.2	39.8 (37.0-42.6)	38.9 (36.2-41.5)	39.3 (37.4-41.3)	1.25 H
Age-Adjusted % of all ED visits that are Low Triage †	36.3	33.2	34.6	36.2	33.9	34.9	42.6 (39.7-45.4)	42.1 (39.2-45.1)	42.4 (40.4-44.4)	1.23 H

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