N22 – Humbermede Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			Humbermede			
	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	560	470	1,030	
Total Population Age 5-19	215,715	203,795	419,510	81,570	77,890	159,460	1,600	1,515	3,115	
Total Population Age 20-44	471,380	497,960	969,340	224,185	231,545	455,730	2,730	2,855	5,585	
Total Population Age 45-64	294,840	322,830	617,670	130,750	138,995	269,745	1,500	1,590	3,090	
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	267	229	496	
Rate of ED visits per 1,000 population per year	537.9	439.7	490.0	523.8	431.5	478.7	476.8 (435.4-518.2)	487.2 (442.0-532.4)	481.6 (451.0-512.1)	0.98 NS
% of the population with one or more ED visits per year	34.1	29.2	31.7	33.2	28.6	31.0	33.0 (27.2-38.9)	31.9 (25.7-38.1)	32.5 (28.3-36.8)	1.03 NS
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	343	291	634	
Rate of ED visits per 1,000 population per year	235.4	212.4	224.2	253.1	230.9	242.3	214.4 (194.3-234.5)	192.1 (172.2-211.9)	203.5 (189.4-217.7)	0.91 L
% 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 (13.5-17.7)	13.7 (11.7-15.7)	14.7 (13.2-16.2)	0.91 L
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	626	827	1,453	
Rate of ED visits per 1,000 population per year	242.0	265.6	254.1	264.8	275.4	270.2	229.3 (213.5-245.1)	289.7 (273.0-306.3)	260.2 (248.7-271.7)	1.02 NS
% of the population with one or more ED visits per year	15.6	16.9	16.3	16.3	17.3	16.8	15.6 (14.0-17.2)	18.4 (16.6-20.1)	17.0 (15.8-18.2)	1.05 NS
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	498	525	1,023	
Rate of ED visits per 1,000 population per year	299.4	276.4	287.4	344.6	289.2	316.1	332.0 (308.2-355.8)	330.2 (307.1-353.3)	331.1 (314.5-347.7)	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	20.3 (17.8-22.9)	21.0 (18.5-23.5)	20.7 (18.9-22.5)	1.17 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).

For information about definitions, data quality & limitations, and selection & preparation of variables, please go to: **http://www.torontohealthprofiles.ca/aboutTheData.php**

N22 – Humbermede Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			Humbermede			
	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	490	640	1,130	
Total Population Age 75+	68,060	104,610	172,670	26,385	43,330	69,715	405	465	870	
Total Population	1,199,560	1,292,940	2,492,500	523,535	557,640	1,081,175	7,285	7,535	14,820	
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	159	171	330	
Rate of ED visits per 1,000 population per year	357.2	328.5	341.5	404.3	352.3	375.9	324.5 (283.0-365.9)	267.2 (232.9-301.5)	292.0 (265.5-318.5)	0.86 L
% of the population with one or more ED visits per year	20.7	20.1	20.4	22.4	21.0	21.7	20.0 (15.6-24.4)	15.9 (12.6-19.3)	17.7 (15.0-20.4)	0.87 NS
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	292	227	519	
Rate of ED visits per 1,000 population per year	634.5	590.7	608.0	663.4	595.2	621.0	721.0 (677.3-764.7)	488.2 (442.7-533.6)	596.6 (564.0-629.2)	0.98 NS
% of the population with one or more ED visits per year	34.1	33.4	33.7	34.8	33.1	33.7	35.3 (28.1-42.5)	29.5 (23.6-35.3)	32.2 (27.6-36.8)	0.96 NS
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	2,185	2,270	4,455	
Rate of ED visits per 1,000 population per year	301.9	299.8	300.8	325.8	310.5	317.9	299.9 (284.9-315.0)	301.3 (286.4-316.1)	300.6 (290.1-311.2)	1.00 NS
Age-Adjusted rate of visits per 1,000 †	293.9	292.3	293.1	319.1	303.5	311.2	287.5 (277.3-297.6)	302.8 (292.7-313.0)	295.2 (288.0-302.4)	1.01 NS
% 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 (18.2-20.4)	19.3 (18.2-20.4)	19.3 (18.5-20.1)	1.02 NS
Age-Adjusted % of the population with an ED visit †	19.2	19.3	19.2	19.0	19.5	19.3	18.8 (17.9-19.7)	19.5 (18.6-20.4)	19.2 (18.6-19.8)	1.00 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).

†   Rates are age-adjusted using the direct method and the 1991 Canada population as the standard population.

N22 – Humbermede Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			Humbermede			
	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	267	229	496	
# of Low Triage visits	10,135	8,471	18,606	4,310	3,726	8,036	64	49	113	
Ratio of low to high Triage visits	0.38	0.42	0.40	0.41	0.46	0.43	0.32 (0.24-0.40)	0.27 (0.19-0.35)	0.30 (0.24-0.35)	0.74 L
% of all ED visits that are Low Triage	27.4	29.4	28.3	28.5	31.3	29.7	24.0 (17.2-30.7)	21.4 (14.6-28.2)	22.8 (18.0-27.6)	0.81 L
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	343	291	634	
# of Low Triage visits	22,320	17,595	39,915	8,622	7,106	15,728	151	109	260	
Ratio of low to high Triage visits	0.79	0.69	0.75	0.73	0.66	0.70	0.79 (0.63-0.95)	0.60 (0.47-0.74)	0.70 (0.59-0.80)	0.94 NS
% of all ED visits that are Low Triage	44.0	40.7	42.4	41.8	39.5	40.7	44.0 (34.6-53.4)	37.5 (28.6-46.3)	41.0 (34.5-47.5)	0.97 NS
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	626	827	1,453	
# of Low Triage visits	46,788	45,261	92,049	24,137	23,245	47,382	221	196	417	
Ratio of low to high Triage visits	0.70	0.52	0.60	0.69	0.58	0.63	0.55 (0.46-0.63)	0.31 (0.26-0.36)	0.40 (0.36-0.45)	0.67 L
% of all ED visits that are Low Triage	41.0	34.2	37.4	40.7	36.4	38.5	35.3 (29.5-41.1)	23.7 (19.9-27.5)	28.7 (25.4-32.0)	0.77 L
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	498	525	1,023	
# of Low Triage visits	27,429	27,774	55,203	13,968	12,762	26,730	148	142	290	
Ratio of low to high Triage visits	0.45	0.46	0.45	0.45	0.47	0.46	0.43 (0.35-0.50)	0.37 (0.31-0.44)	0.40 (0.35-0.45)	0.88 L
% of all ED visits that are Low Triage	31.1	31.1	31.1	31.0	31.8	31.4	29.7 (24.0-35.4)	27.0 (21.8-32.3)	28.3 (24.5-32.2)	0.91 NS

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).

For information about definitions, data quality & limitations, and selection & preparation of variables, please go to: **http://www.torontohealthprofiles.ca/aboutTheData.php**

N22 – Humbermede Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			Humbermede			
	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	159	171	330	
# of Low Triage visits	6,215	7,807	14,022	2,844	3,278	6,122	27	38	65	
Ratio of low to high Triage visits	0.28	0.32	0.30	0.29	0.33	0.31	0.20 (0.12-0.29)	0.29 (0.19-0.38)	0.25 (0.18-0.31)	0.81 NS
% of all ED visits that are Low Triage	21.5	24.2	22.9	22.2	24.3	23.3	17.0 (10.0-24.0)	22.2 (14.2-30.2)	19.7 (14.4-25.0)	0.86 NS
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	292	227	519	
# of Low Triage visits	6,727	9,938	16,665	2,680	4,038	6,718	30	28	58	
Ratio of low to high Triage visits	0.19	0.19	0.19	0.18	0.19	0.19	0.11 (0.07-0.16)	0.14 (0.09-0.20)	0.13 (0.09-0.16)	0.66 L
% of all ED visits that are Low Triage	15.6	16.1	15.9	15.3	15.7	15.5	10.3 (6.4-14.2)	12.3 (7.5-17.2)	11.2 (8.1-14.2)	0.70 L
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	2,185	2,270	4,455	
# of Low Triage visits	119,614	116,846	236,460	56,561	54,155	110,716	641	562	1,203	
Ratio of low to high Triage visits	0.50	0.44	0.47	0.50	0.46	0.48	0.42 (0.38-0.45)	0.33 (0.30-0.36)	0.37 (0.35-0.39)	0.80 L
Age-Adjusted ratio of low to high Triage visits ‡	0.61	0.51	0.55	0.60	0.53	0.56	0.55 (0.49-0.61)	0.37 (0.33-0.41)	0.44 (0.41-0.47)	0.80 L
% of all ED visits that are Low Triage	33.0	30.1	31.5	33.2	31.3	32.2	29.3 (26.6-32.0)	24.8 (22.4-27.1)	27.0 (25.2-28.8)	0.86 L
Age-Adjusted % of all ED visits that are Low Triage †	36.3	33.2	34.6	36.2	33.9	34.9	33.8 (30.7-36.9)	26.3 (23.8-28.8)	29.5 (27.6-31.4)	0.85 L

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).

‡ Ratios of low to high Triage visits are age-adjusted using the 1991 Canada population as the standard population.

† Rates are age-adjusted using the direct method and the 1991 Canada population as the standard population.

For information about definitions, data quality & limitations, and selection & preparation of variables, please go to: **http://www.torontohealthprofiles.ca/aboutTheData.php**