

N30 – Brookhaven-Amesbury Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			Brookhaven-Amesbury			
	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	615	640	1,255	
Total Population Age 5-19	215,715	203,795	419,510	81,570	77,890	159,460	1,905	1,780	3,685	
Total Population Age 20-44	471,380	497,960	969,340	224,185	231,545	455,730	3,050	3,635	6,685	
Total Population Age 45-64	294,840	322,830	617,670	130,750	138,995	269,745	1,820	1,995	3,815	
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	489	353	842	
Rate of ED visits per 1,000 population per year	537.9	439.7	490.0	523.8	431.5	478.7	795.1 (763.2-827.0)	551.6 (513.0-590.1)	670.9 (644.9-696.9)	1.37 H
% of the population with one or more ED visits per year	34.1	29.2	31.7	33.2	28.6	31.0	43.6 (36.6-50.5)	35.2 (29.5-40.9)	39.3 (34.8-43.7)	1.24 H
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	415	397	812	
Rate of ED visits per 1,000 population per year	235.4	212.4	224.2	253.1	230.9	242.3	217.8 (199.3-236.4)	223.0 (203.7-242.4)	220.4 (207.0-233.7)	0.98 NS
% of the population with one or more ED visits per year	17.3	15.0	16.2	18.3	15.8	17.1	16.3 (14.3-18.3)	16.0 (13.9-18.0)	16.1 (14.7-17.6)	1.00 NS
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	782	1,106	1,888	
Rate of ED visits per 1,000 population per year	242.0	265.6	254.1	264.8	275.4	270.2	256.4 (240.9-271.9)	304.3 (289.3-319.2)	282.4 (271.6-293.2)	1.11 H
% of the population with one or more ED visits per year	15.6	16.9	16.3	16.3	17.3	16.8	16.2 (14.6-17.8)	19.5 (17.9-21.1)	18.0 (16.9-19.1)	1.11 H
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	644	724	1,368	
Rate of ED visits per 1,000 population per year	299.4	276.4	287.4	344.6	289.2	316.1	353.8 (331.9-375.8)	362.9 (341.8-384.0)	358.6 (343.4-373.8)	1.25 H
% of the population with one or more ED visits per year	17.8	17.6	17.7	18.9	17.6	18.2	20.7 (18.4-23.1)	20.3 (18.1-22.5)	20.5 (18.9-22.1)	1.16 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>

N30 – Brookhaven-Amesbury Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			Brookhaven-Amesbury			
	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	430	600	1,030	
Total Population Age 75+	68,060	104,610	172,670	26,385	43,330	69,715	370	440	810	
Total Population	1,199,560	1,292,940	2,492,500	523,535	557,640	1,081,175	8,190	9,090	17,280	
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	194	224	418	
Rate of ED visits per 1,000 population per year	357.2	328.5	341.5	404.3	352.3	375.9	451.2 (404.1-498.2)	373.3 (334.6-412.0)	405.8 (375.8-435.8)	1.19 H
% of the population with one or more ED visits per year	20.7	20.1	20.4	22.4	21.0	21.7	24.4 (19.0-29.8)	21.8 (17.6-26.1)	22.9 (19.6-26.2)	1.12 NS
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	217	249	466	
Rate of ED visits per 1,000 population per year	634.5	590.7	608.0	663.4	595.2	621.0	586.5 (536.3-636.7)	565.9 (519.6-612.2)	575.3 (541.3-609.3)	0.95 NS
% of the population with one or more ED visits per year	34.1	33.4	33.7	34.8	33.1	33.7	33.0 (25.8-40.1)	30.7 (24.5-36.9)	31.7 (27.0-36.4)	0.94 NS
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	2,741	3,053	5,794	
Rate of ED visits per 1,000 population per year	301.9	299.8	300.8	325.8	310.5	317.9	334.7 (319.3-350.0)	335.9 (321.2-350.5)	335.3 (324.7-345.9)	1.11 H
Age-Adjusted rate of visits per 1,000 †	293.9	292.3	293.1	319.1	303.5	311.2	331.3 (321.5-341.0)	344.1 (334.5-353.6)	337.7 (330.9-344.6)	1.15 H
% of the population with one or more ED visits per year	18.9	19.0	18.9	19.5	19.2	19.3	20.5 (19.7-21.8)	20.8 (19.4-21.6)	20.6 (19.9-21.4)	1.09 H
Age-Adjusted % of the population with an ED visit †	19.2	19.3	19.2	19.0	19.5	19.3	20.3 (19.4-21.2)	21.2 (20.3-22.0)	20.7 (20.1-21.3)	1.08 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).

† 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>

N30 – Brookhaven-Amesbury Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			Brookhaven-Amesbury			
	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	489	353	842	
# of Low Triage visits	10,135	8,471	18,606	4,310	3,726	8,036	86	100	186	
Ratio of low to high Triage visits	0.38	0.42	0.40	0.41	0.46	0.43	0.21 (0.17-0.26)	0.40 (0.32-0.48)	0.29 (0.24-0.33)	0.72 L
% of all ED visits that are Low Triage	27.4	29.4	28.3	28.5	31.3	29.7	17.6 (13.5-21.7)	28.3 (21.8-34.9)	22.1 (18.5-25.7)	0.78 L
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	415	397	812	
# of Low Triage visits	22,320	17,595	39,915	8,622	7,106	15,728	143	139	282	
Ratio of low to high Triage visits	0.79	0.69	0.75	0.73	0.66	0.70	0.53 (0.43-0.63)	0.55 (0.44-0.65)	0.54 (0.46-0.61)	0.72 L
% of all ED visits that are Low Triage	44.0	40.7	42.4	41.8	39.5	40.7	34.5 (27.5-41.4)	35.0 (27.8-42.2)	34.7 (29.7-39.7)	0.82 L
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	782	1,106	1,888	
# of Low Triage visits	46,788	45,261	92,049	24,137	23,245	47,382	263	256	519	
Ratio of low to high Triage visits	0.70	0.52	0.60	0.69	0.58	0.63	0.51 (0.44-0.58)	0.30 (0.26-0.34)	0.38 (0.34-0.42)	0.63 L
% of all ED visits that are Low Triage	41.0	34.2	37.4	40.7	36.4	38.5	33.6 (28.6-38.6)	23.1 (19.9-26.4)	27.5 (24.7-30.3)	0.74 L
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	644	724	1,368	
# of Low Triage visits	27,429	27,774	55,203	13,968	12,762	26,730	140	150	290	
Ratio of low to high Triage visits	0.45	0.46	0.45	0.45	0.47	0.46	0.28 (0.23-0.33)	0.26 (0.22-0.31)	0.27 (0.24-0.30)	0.60 L
% of all ED visits that are Low Triage	31.1	31.1	31.1	31.0	31.8	31.4	21.7 (17.7-25.8)	20.7 (17.0-24.4)	21.2 (18.5-23.9)	0.68 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).

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

N30 – Brookhaven-Amesbury Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			Brookhaven-Amesbury			
	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	194	224	418	
# of Low Triage visits	6,215	7,807	14,022	2,844	3,278	6,122	27	55	82	
Ratio of low to high Triage visits	0.28	0.32	0.30	0.29	0.33	0.31	0.16 (0.10-0.22)	0.33 (0.23-0.42)	0.24 (0.19-0.30)	0.81 L
% of all ED visits that are Low Triage	21.5	24.2	22.9	22.2	24.3	23.3	13.9 (8.3-19.6)	24.6 (17.1-32.0)	19.6 (14.9-24.4)	0.85 NS
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	217	249	466	
# of Low Triage visits	6,727	9,938	16,665	2,680	4,038	6,718	24	33	57	
Ratio of low to high Triage visits	0.19	0.19	0.19	0.18	0.19	0.19	0.12 (0.07-0.17)	0.15 (0.10-0.21)	0.14 (0.10-0.18)	0.73 L
% of all ED visits that are Low Triage	15.6	16.1	15.9	15.3	15.7	15.5	11.1 (6.4-15.8)	13.3 (8.4-18.1)	12.2 (8.8-15.6)	0.77 L
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	2,741	3,053	5,794	
# of Low Triage visits	119,614	116,846	236,460	56,561	54,155	110,716	683	733	1,416	
Ratio of low to high Triage visits	0.50	0.44	0.47	0.50	0.46	0.48	0.33 (0.31-0.36)	0.32 (0.29-0.34)	0.33 (0.31-0.34)	0.70 L
Age-Adjusted ratio of low to high Triage visits [‡]	0.61	0.51	0.55	0.60	0.53	0.56	0.43 (0.38-0.47)	0.35 (0.32-0.38)	0.37 (0.34-0.39)	0.66 L
% of all ED visits that are Low Triage	33.0	30.1	31.5	33.2	31.3	32.2	24.9 (22.8-27.1)	24.0 (22.0-26.0)	24.4 (23.0-25.9)	0.77 L
Age-Adjusted % of all ED visits that are Low Triage [†]	36.3	33.2	34.6	36.2	33.9	34.9	28.3 (25.8-30.7)	25.0 (23.0-27.1)	26.0 (24.5-27.6)	0.75 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>