

## N83 – Dufferin Grove Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			Dufferin Grove			
	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	290	260	550	
Total Population Age 5-19	215,715	203,795	419,510	81,570	77,890	159,460	755	700	1,455	
Total Population Age 20-44	471,380	497,960	969,340	224,185	231,545	455,730	2,890	2,745	5,635	
Total Population Age 45-64	294,840	322,830	617,670	130,750	138,995	269,745	1,410	1,410	2,820	
<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	155	151	306	
Rate of ED visits per 1,000 population per year	537.9	439.7	490.0	523.8	431.5	478.7	534.5 (477.1-591.9)	580.8 (520.8-640.7)	556.4 (514.8-597.9)	1.14 H
% of the population with one or more ED visits per year	34.1	29.2	31.7	33.2	28.6	31.0	33.1 (25.0-41.2)	33.5 (24.8-42.1)	33.3 (27.4-39.2)	1.05 NS
<b>Population Age 5-19</b>										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	220	167	387	
Rate of ED visits per 1,000 population per year	235.4	212.4	224.2	253.1	230.9	242.3	291.4 (259.0-323.8)	238.6 (207.0-270.1)	266.0 (243.3-288.7)	1.19 H
% of the population with one or more ED visits per year	17.3	15.0	16.2	18.3	15.8	17.1	20.8 (17.1-24.4)	15.0 (11.9-18.1)	18.0 (15.6-20.4)	1.11 NS
<b>Population Age 20-44</b>										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	674	926	1,600	
Rate of ED visits per 1,000 population per year	242.0	265.6	254.1	264.8	275.4	270.2	233.2 (217.8-248.6)	337.3 (319.7-355.0)	283.9 (272.2-295.7)	1.12 H
% of the population with one or more ED visits per year	15.6	16.9	16.3	16.3	17.3	16.8	15.9 (14.3-17.5)	19.5 (17.6-21.3)	17.6 (16.4-18.8)	1.08 H
<b>Population Age 45-64</b>										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	458	429	887	
Rate of ED visits per 1,000 population per year	299.4	276.4	287.4	344.6	289.2	316.1	324.8 (300.4-349.3)	304.3 (280.2-328.3)	314.5 (297.4-331.7)	1.09 H
% of the population with one or more ED visits per year	17.8	17.6	17.7	18.9	17.6	18.2	20.2 (17.6-22.8)	16.5 (14.2-18.8)	18.4 (16.6-20.1)	1.04 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).

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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>Demographics ***</b>										
Total Population Age 65-74	80,785	98,145	178,930	31,755	38,280	70,035	370	410	780	
Total Population Age 75+	68,060	104,610	172,670	26,385	43,330	69,715	245	360	605	
Total Population	1,199,560	1,292,940	2,492,500	523,535	557,640	1,081,175	5,960	5,885	11,845	
<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	132	119	251	
Rate of ED visits per 1,000 population per year	357.2	328.5	341.5	404.3	352.3	375.9	356.8 (307.9-405.6)	290.2 (246.3-334.2)	321.8 (289.0-354.6)	0.94 NS
% of the population with one or more ED visits per year	20.7	20.1	20.4	22.4	21.0	21.7	21.6 (16.3-27.0)	19.8 (15.0-24.6)	20.6 (17.1-24.2)	1.01 NS
<b>Population Age 75+</b>										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	175	193	368	
Rate of ED visits per 1,000 population per year	634.5	590.7	608.0	663.4	595.2	621.0	714.3 (657.7-770.9)	536.1 (484.6-587.6)	608.3 (569.4-647.2)	1.00 NS
% of the population with one or more ED visits per year	34.1	33.4	33.7	34.8	33.1	33.7	33.9 (24.9-42.8)	31.7 (24.6-38.7)	32.6 (27.0-38.1)	0.97 NS
<b>Total Population</b>										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	1,814	1,985	3,799	
Rate of ED visits per 1,000 population per year	301.9	299.8	300.8	325.8	310.5	317.9	304.4 (287.6-321.2)	337.3 (319.1-355.5)	320.7 (308.4-333.1)	1.07 H
Age-Adjusted rate of visits per 1,000 †	293.9	292.3	293.1	319.1	303.5	311.2	314.5 (302.1-326.9)	336.4 (324.3-348.6)	325.6 (316.9-334.2)	1.11 H
% of the population with one or more ED visits per year	18.9	19.0	18.9	19.5	19.2	19.3	19.5 (18.3-20.9)	19.6 (18.2-20.7)	19.5 (18.6-20.4)	1.03 NS
Age-Adjusted % of the population with an ED visit †	19.2	19.3	19.2	19.0	19.5	19.3	20.2 (19.1-21.2)	19.7 (18.7-20.8)	20.0 (19.2-20.7)	1.04 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.

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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></b>										
<b>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	155	151	306	
# of Low Triage visits	10,135	8,471	18,606	4,310	3,726	8,036	43	49	92	
Ratio of low to high Triage visits	0.38	0.42	0.40	0.41	0.46	0.43	0.40 (0.27-0.52)	0.49 (0.35-0.64)	0.44 (0.35-0.54)	1.12 NS
% of all ED visits that are Low Triage	27.4	29.4	28.3	28.5	31.3	29.7	27.7 (18.0-37.5)	32.5 (21.4-43.5)	30.1 (22.7-37.4)	1.06 NS
<b>Population Age 5-19</b>										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	220	167	387	
# of Low Triage visits	22,320	17,595	39,915	8,622	7,106	15,728	83	47	130	
Ratio of low to high Triage visits	0.79	0.69	0.75	0.73	0.66	0.70	0.62 (0.46-0.78)	0.40 (0.27-0.53)	0.52 (0.41-0.62)	0.69 L
% of all ED visits that are Low Triage	44.0	40.7	42.4	41.8	39.5	40.7	37.7 (27.4-48.0)	28.1 (18.7-37.6)	33.6 (26.5-40.7)	0.79 L
<b>Population Age 20-44</b>										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	674	926	1,600	
# of Low Triage visits	46,788	45,261	92,049	24,137	23,245	47,382	280	327	607	
Ratio of low to high Triage visits	0.70	0.52	0.60	0.69	0.58	0.63	0.72 (0.62-0.83)	0.55 (0.48-0.62)	0.62 (0.56-0.67)	1.03 NS
% of all ED visits that are Low Triage	41.0	34.2	37.4	40.7	36.4	38.5	41.5 (35.2-47.9)	35.3 (30.6-40.1)	37.9 (34.1-41.8)	1.02 NS
<b>Population Age 45-64</b>										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	458	429	887	
# of Low Triage visits	27,429	27,774	55,203	13,968	12,762	26,730	132	150	282	
Ratio of low to high Triage visits	0.45	0.46	0.45	0.45	0.47	0.46	0.41 (0.33-0.48)	0.54 (0.44-0.64)	0.47 (0.41-0.53)	1.03 NS
% of all ED visits that are Low Triage	31.1	31.1	31.1	31.0	31.8	31.4	28.8 (23.0-34.6)	35.0 (28.0-41.9)	31.8 (27.3-36.3)	1.02 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).

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<b>Low Triage <sup>a</sup></b>										
<b>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	132	119	251	
# of Low Triage visits	6,215	7,807	14,022	2,844	3,278	6,122	36	26	62	
Ratio of low to high Triage visits	0.28	0.32	0.30	0.29	0.33	0.31	0.38 (0.24-0.51)	0.28 (0.17-0.40)	0.33 (0.24-0.42)	1.10 NS
% of all ED visits that are Low Triage	21.5	24.2	22.9	22.2	24.3	23.3	27.3 (16.8-37.7)	21.8 (12.3-31.3)	24.7 (17.6-31.8)	1.08 NS
<b>Population Age 75+</b>										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	175	193	368	
# of Low Triage visits	6,727	9,938	16,665	2,680	4,038	6,718	23	28	51	
Ratio of low to high Triage visits	0.19	0.19	0.19	0.18	0.19	0.19	0.15 (0.09-0.21)	0.17 (0.11-0.24)	0.16 (0.12-0.21)	0.86 NS
% of all ED visits that are Low Triage	15.6	16.1	15.9	15.3	15.7	15.5	13.1 (7.4-18.9)	14.5 (8.7-20.3)	13.9 (9.8-18.0)	0.87 NS
<b>Total Population</b>										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	1,814	1,985	3,799	
# of Low Triage visits	119,614	116,846	236,460	56,561	54,155	110,716	597	627	1,224	
Ratio of low to high Triage visits	0.50	0.44	0.47	0.50	0.46	0.48	0.50 (0.45-0.54)	0.47 (0.43-0.51)	0.48 (0.45-0.51)	1.04 NS
Age-Adjusted ratio of low to high Triage visits <sup>‡</sup>	0.61	0.51	0.55	0.60	0.53	0.56	0.59 (0.52-0.65)	0.48 (0.44-0.53)	0.52 (0.48-0.56)	0.95 NS
% of all ED visits that are Low Triage	33.0	30.1	31.5	33.2	31.3	32.2	32.9 (29.7-36.1)	31.6 (28.6-34.6)	32.2 (30.0-34.4)	1.02 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	35.6 (32.2-38.9)	31.5 (28.6-34.4)	33.3 (31.2-35.5)	0.96 NS

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

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