

N26 – Downsview-Roding-CFB Profile: Emergency Department Care

Indicators	City of Toronto			Toronto Central LHIN			Downsview-Roding-CFB			
	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	995	1,010	2,005	
Total Population Age 5-19	215,715	203,795	419,510	81,570	77,890	159,460	2,750	2,645	5,395	
Total Population Age 20-44	471,380	497,960	969,340	224,185	231,545	455,730	5,720	6,185	11,905	
Total Population Age 45-64	294,840	322,830	617,670	130,750	138,995	269,745	3,570	3,950	7,520	
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	687	511	1,198	
Rate of ED visits per 1,000 population per year	537.9	439.7	490.0	523.8	431.5	478.7	690.5 (661.7-719.2)	505.9 (475.1-536.8)	597.5 (576.0-619.0)	1.22 H
% of the population with one or more ED visits per year	34.1	29.2	31.7	33.2	28.6	31.0	42.8 (37.4-48.2)	33.8 (29.4-38.2)	38.3 (34.8-41.7)	1.21 H
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	739	655	1,394	
Rate of ED visits per 1,000 population per year	235.4	212.4	224.2	253.1	230.9	242.3	268.7 (252.2-285.3)	247.6 (231.2-264.1)	258.4 (246.7-270.1)	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	19.6 (17.8-21.5)	17.6 (15.8-19.3)	18.6 (17.4-19.9)	1.15 H
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	1,538	2,040	3,578	
Rate of ED visits per 1,000 population per year	242.0	265.6	254.1	264.8	275.4	270.2	268.9 (257.4-280.4)	329.8 (318.1-341.5)	300.5 (292.3-308.8)	1.18 H
% of the population with one or more ED visits per year	15.6	16.9	16.3	16.3	17.3	16.8	17.6 (16.4-18.8)	20.9 (19.6-22.2)	19.3 (18.4-20.2)	1.19 H
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	1,178	1,261	2,439	
Rate of ED visits per 1,000 population per year	299.4	276.4	287.4	344.6	289.2	316.1	330.0 (314.5-345.4)	319.2 (304.7-333.8)	324.3 (313.8-334.9)	1.13 H
% of the population with one or more ED visits per year	17.8	17.6	17.7	18.9	17.6	18.2	20.5 (18.9-22.2)	20.1 (18.5-21.7)	20.3 (19.2-21.4)	1.15 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	1,305	1,520	2,825	
Total Population Age 75+	68,060	104,610	172,670	26,385	43,330	69,715	1,005	1,405	2,410	
Total Population	1,199,560	1,292,940	2,492,500	523,535	557,640	1,081,175	15,345	16,715	32,060	
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	440	506	946	
Rate of ED visits per 1,000 population per year	357.2	328.5	341.5	404.3	352.3	375.9	337.2 (311.5-362.8)	332.9 (309.2-356.6)	334.9 (317.5-352.3)	0.98 NS
% of the population with one or more ED visits per year	20.7	20.1	20.4	22.4	21.0	21.7	19.6 (16.9-22.3)	20.0 (17.5-22.5)	19.8 (18.0-21.7)	0.97 NS
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	642	664	1,306	
Rate of ED visits per 1,000 population per year	634.5	590.7	608.0	663.4	595.2	621.0	638.8 (609.1-668.5)	472.6 (446.5-498.7)	541.9 (522.0-561.8)	0.89 L
% of the population with one or more ED visits per year	34.1	33.4	33.7	34.8	33.1	33.7	35.6 (31.0-40.2)	27.3 (24.1-30.5)	30.7 (28.1-33.4)	0.91 L
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	5,224	5,637	10,861	
Rate of ED visits per 1,000 population per year	301.9	299.8	300.8	325.8	310.5	317.9	340.4 (329.1-351.8)	337.2 (326.4-348.1)	338.8 (330.9-346.6)	1.13 H
Age-Adjusted rate of visits per 1,000 †	293.9	292.3	293.1	319.1	303.5	311.2	329.9 (322.6-337.3)	334.0 (326.8-341.1)	332.0 (326.8-337.1)	1.13 H
% of the population with one or more ED visits per year	18.9	19.0	18.9	19.5	19.2	19.3	21.6 (20.6-22.2)	21.4 (20.8-22.5)	21.5 (20.9-22.1)	1.14 H
Age-Adjusted % of the population with an ED visit †	19.2	19.3	19.2	19.0	19.5	19.3	21.3 (20.6-21.9)	21.4 (20.7-22.0)	21.4 (20.9-21.8)	1.11 H

CI Confidence Interval.

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****** Rate ratios for both sexes were created by dividing the local area rate by the City of Toronto aggregate rate.

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† 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**
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	687	511	1,198	
# of Low Triage visits	10,135	8,471	18,606	4,310	3,726	8,036	181	145	326	
Ratio of low to high Triage visits	0.38	0.42	0.40	0.41	0.46	0.43	0.36 (0.31-0.41)	0.40 (0.33-0.47)	0.38 (0.33-0.42)	0.95 NS
% of all ED visits that are Low Triage	27.4	29.4	28.3	28.5	31.3	29.7	26.3 (21.9-30.8)	28.4 (22.9-33.8)	27.2 (23.7-30.7)	0.96 NS
Population Age 5-19										
# of ED visits	50,769	43,276	94,045	20,649	17,985	38,634	739	655	1,394	
# of Low Triage visits	22,320	17,595	39,915	8,622	7,106	15,728	298	224	522	
Ratio of low to high Triage visits	0.79	0.69	0.75	0.73	0.66	0.70	0.68 (0.59-0.78)	0.52 (0.44-0.60)	0.60 (0.54-0.67)	0.81 L
% of all ED visits that are Low Triage	44.0	40.7	42.4	41.8	39.5	40.7	40.3 (34.4-46.3)	34.2 (28.7-39.7)	37.4 (33.4-41.5)	0.88 L
Population Age 20-44										
# of ED visits	114,073	132,273	246,346	59,363	63,776	123,139	1,538	2,040	3,578	
# of Low Triage visits	46,788	45,261	92,049	24,137	23,245	47,382	568	499	1,067	
Ratio of low to high Triage visits	0.70	0.52	0.60	0.69	0.58	0.63	0.59 (0.53-0.64)	0.33 (0.29-0.36)	0.43 (0.40-0.46)	0.71 L
% of all ED visits that are Low Triage	41.0	34.2	37.4	40.7	36.4	38.5	36.9 (33.1-40.8)	24.5 (22.0-26.9)	29.8 (27.7-32.0)	0.80 L
Population Age 45-64										
# of ED visits	88,281	89,222	177,503	45,062	40,194	85,256	1,178	1,261	2,439	
# of Low Triage visits	27,429	27,774	55,203	13,968	12,762	26,730	340	290	630	
Ratio of low to high Triage visits	0.45	0.46	0.45	0.45	0.47	0.46	0.41 (0.36-0.45)	0.30 (0.26-0.34)	0.35 (0.32-0.38)	0.77 L
% of all ED visits that are Low Triage	31.1	31.1	31.1	31.0	31.8	31.4	28.9 (25.2-32.5)	23.0 (20.0-26.0)	25.8 (23.5-28.2)	0.83 L

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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	440	506	946	
# of Low Triage visits	6,215	7,807	14,022	2,844	3,278	6,122	63	101	164	
Ratio of low to high Triage visits	0.28	0.32	0.30	0.29	0.33	0.31	0.17 (0.12-0.21)	0.25 (0.20-0.30)	0.21 (0.18-0.24)	0.70 L
% of all ED visits that are Low Triage	21.5	24.2	22.9	22.2	24.3	23.3	14.3 (10.5-18.1)	20.0 (15.6-24.3)	17.3 (14.4-20.3)	0.76 L
Population Age 75+										
# of ED visits	43,187	61,793	104,980	17,504	25,792	43,296	642	664	1,306	
# of Low Triage visits	6,727	9,938	16,665	2,680	4,038	6,718	66	92	158	
Ratio of low to high Triage visits	0.19	0.19	0.19	0.18	0.19	0.19	0.11 (0.09-0.14)	0.16 (0.13-0.20)	0.14 (0.12-0.16)	0.72 L
% of all ED visits that are Low Triage	15.6	16.1	15.9	15.3	15.7	15.5	10.3 (7.7-12.9)	13.9 (10.8-16.9)	12.1 (10.1-14.1)	0.76 L
Total Population										
# of ED visits	362,166	387,652	749,818	170,548	173,142	343,690	5,224	5,637	10,861	
# of Low Triage visits	119,614	116,846	236,460	56,561	54,155	110,716	1,516	1,351	2,867	
Ratio of low to high Triage visits	0.50	0.44	0.47	0.50	0.46	0.48	0.41 (0.39-0.43)	0.32 (0.30-0.34)	0.36 (0.35-0.37)	0.78 L
Age-Adjusted ratio of low to high Triage visits [‡]	0.61	0.51	0.55	0.60	0.53	0.56	0.52 (0.48-0.55)	0.36 (0.34-0.39)	0.42 (0.40-0.44)	0.76 L
% of all ED visits that are Low Triage	33.0	30.1	31.5	33.2	31.3	32.2	29.0 (27.3-30.8)	24.0 (22.5-25.4)	26.4 (25.3-27.5)	0.84 L
Age-Adjusted % of all ED visits that are Low Triage [†]	36.3	33.2	34.6	36.2	33.9	34.9	33.1 (31.2-35.0)	25.8 (24.2-27.3)	28.9 (27.7-30.1)	0.84 L

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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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