

## LHIN 13 – North East Profile: Hospital Admissions

Indicators	Ontario			Toronto Central LHIN			North East			
	Males	Females	Both sexes	Males	Females	Both sexes	Males (95% CI)	Females (95% CI)	Both sexes (95% CI)	Rate Ratio**
<b>Surgical Hospital Admissions (2011-2012) †</b>										
Total Population Age 0-9 <sup>a</sup>	724,780	689,570	1,414,350	56,565	54,040	110,605	27,220	26,320	53,540	
# of Hospitalizations (2 yrs) ‡	3,948	2,884	6,832	307	235	542	191	158	349	
Average annual rate of hospitalizations per 1,000 pop	2.7	2.1	2.4	2.7	2.2	2.5	3.5 (3.0-4.0)	3.0 (2.6-3.5)	3.3 (2.9-3.6)	1.35 H
Total Population Age 10-19 <sup>a</sup>	832,650	789,580	1,622,230	52,705	51,205	103,910	33,735	31,915	65,650	
# of Hospitalizations (2 yrs) ‡	5,421	4,111	9,532	349	289	638	351	247	598	
Average annual rate of hospitalizations per 1,000 pop	3.3	2.6	2.9	3.3	2.8	3.1	5.2 (4.7-5.8)	3.9 (3.4-4.4)	4.6 (4.2-4.9)	1.55 H
Total Population Age 20-44 <sup>a</sup>	2,063,395	2,162,990	4,226,385	232,945	244,630	477,575	78,130	79,475	157,605	
# of Hospitalizations (2 yrs) ‡	17,124	23,488	40,612	1,929	1,890	3,819	1,042	1,585	2,627	
Average annual rate of hospitalizations per 1,000 pop	4.1	5.4	4.8	4.1	3.9	4.0	6.7 (6.3-7.1)	10.0 (9.5-10.5)	8.3 (8.0-8.7)	1.73 H
Total Population Age 45-64 <sup>a</sup>	1,793,545	1,889,330	3,682,875	147,470	153,980	301,450	86,840	89,240	176,080	
# of Hospitalizations (2 yrs) ‡	47,029	46,721	93,750	3,759	3,195	6,954	3,457	3,307	6,764	
Average annual rate of hospitalizations per 1,000 pop	13.1	12.4	12.7	12.7	10.4	11.5	19.9 (19.2-20.6)	18.5 (17.9-19.2)	19.2 (18.8-19.7)	1.51 H
Total Population Age 65-84 <sup>a</sup>	751,155	877,265	1,628,420	56,650	71,050	127,700	41,825	46,485	88,310	
# of Hospitalizations (2 yrs) ‡	51,102	45,145	96,247	3,639	3,421	7,060	3,727	3,106	6,833	
Average annual rate of hospitalizations per 1,000 pop	34.0	25.7	29.6	32.1	24.1	27.6	44.6 (43.1-46.0)	33.4 (32.2-34.6)	38.7 (37.8-39.6)	1.31 H
Total Population Age 85+ <sup>a</sup>	80,480	164,370	244,850	7,120	15,145	22,265	3,620	7,370	10,990	
# of Hospitalizations (2 yrs) ‡	6,423	9,545	15,968	614	798	1,412	326	480	806	
Average annual rate of hospitalizations per 1,000 pop	39.9	29.0	32.6	43.1	26.3	31.7	45.0 (40.3-50.2)	32.6 (29.7-35.6)	36.7 (34.2-39.3)	1.12 H
Total Population <sup>a</sup>	6,246,005	6,573,105	12,819,110	553,455	590,050	1,143,505	271,370	280,805	552,175	
# of Hospitalizations (2 yrs) ‡	131,047	131,894	262,941	10,597	9,828	20,425	9,094	8,883	17,977	
Age-Adjusted average rate of hospitalizations per 1,000 †	8.5	8.7	8.6	8.3	7.5	7.9	12.3 (12.0-12.5)	13.0 (12.7-13.3)	12.6 (12.4-12.8)	1.47 H

**CI** Confidence Interval; LL = Lower Limit; UL = Upper Limit

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

<sup>a</sup> Denominator: Total Population - Based on 2011 Census population estimates, Statistics Canada.

‡ Numerator: All unscheduled Hospital admissions for Surgical conditions for 2 year (2011-2012) observation period.  
Data source: Canadian Institute for Health Information (CIHI)

**Rate** Represents the average annual rate of hospitalizations for 2 year (2011-2012) observation period

\* Rates based on fewer than 20 events are likely to be unstable and imprecise.

**Dash ( - )** Number and rate are suppressed since numerator is less or equal to 5 or due to missing/incomplete data.

For any cell (numerator OR denominator) less than 6, additional cells will be suppressed to disallow the calculation of the missing (suppressed) cell. Reported totals include suppressed cells.

\*\* Rate ratios for both sexes were created by dividing the local area rate by the Ontario aggregate rate.

† 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>