

## LHIN 4 – Hamilton Niagara Haldimand Brant Profile: Hospital Admissions

Indicators	Ontario			Toronto Central LHIN			Hamilton Niagara Haldimand Brant			
	Males	Females	Both sexes	Males	Females	Both sexes	Males (95% CI)	Females (95% CI)	Both sexes (95% CI)	Rate Ratio**
<b>Medical 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	72,600	68,775	141,375	
# of Hospitalizations (2 yrs) ‡	16,253	12,532	28,785	1,044	864	1,908	2,305	1,618	3,923	
Average annual rate of hospitalizations per 1,000 pop	11.2	9.1	10.2	9.2	8.0	8.6	15.9	11.8	13.9	1.36 H
							(15.2-16.5)	(11.2-12.4)	(13.4-14.3)	
Total Population Age 10-19 <sup>a</sup>	832,650	789,580	1,622,230	52,705	51,205	103,910	87,120	82,900	170,020	
# of Hospitalizations (2 yrs) ‡	6,901	6,975	13,876	388	380	768	946	877	1,823	
Average annual rate of hospitalizations per 1,000 pop	4.1	4.4	4.3	3.7	3.7	3.7	5.4	5.3	5.4	1.25 H
							(5.1-5.8)	(4.9-5.7)	(5.1-5.6)	
Total Population Age 20-44 <sup>a</sup>	2,063,395	2,162,990	4,226,385	232,945	244,630	477,575	203,975	209,535	413,510	
# of Hospitalizations (2 yrs) ‡	22,692	25,815	48,507	2,325	2,413	4,738	2,606	2,902	5,508	
Average annual rate of hospitalizations per 1,000 pop	5.5	6.0	5.7	5.0	4.9	5.0	6.4	6.9	6.7	1.16 H
							(6.1-6.6)	(6.7-7.2)	(6.5-6.8)	
Total Population Age 45-64 <sup>a</sup>	1,793,545	1,889,330	3,682,875	147,470	153,980	301,450	192,260	204,015	396,275	
# of Hospitalizations (2 yrs) ‡	60,470	50,774	111,244	5,322	3,895	9,217	7,559	6,278	13,837	
Average annual rate of hospitalizations per 1,000 pop	16.9	13.4	15.1	18.0	12.6	15.3	19.7	15.4	17.5	1.16 H
							(19.2-20.1)	(15.0-15.8)	(17.2-17.8)	
Total Population Age 65-84 <sup>a</sup>	751,155	877,265	1,628,420	56,650	71,050	127,700	89,950	106,685	196,635	
# of Hospitalizations (2 yrs) ‡	90,044	85,966	176,010	7,078	6,845	13,923	11,308	10,992	22,300	
Average annual rate of hospitalizations per 1,000 pop	59.9	49.0	54.0	62.5	48.2	54.5	62.9	51.5	56.7	1.05 H
							(61.7-64.0)	(50.6-52.5)	(56.0-57.5)	
Total Population Age 85+ <sup>a</sup>	80,480	164,370	244,850	7,120	15,145	22,265	10,450	21,765	32,215	
# of Hospitalizations (2 yrs) ‡	26,493	43,366	69,859	2,554	4,220	6,774	3,414	5,404	8,818	
Average annual rate of hospitalizations per 1,000 pop	164.6	131.9	142.7	179.4	139.3	152.1	163.3	124.1	136.9	0.96 L
							(157.9-168.9)	(120.9-127.5)	(134.0-139.7)	
Total Population <sup>a</sup>	6,246,005	6,573,105	12,819,110	553,455	590,050	1,143,505	656,355	693,675	1,350,030	
# of Hospitalizations (2 yrs) ‡	222,853	225,428	448,281	18,711	18,617	37,328	28,138	28,071	56,209	
Age-Adjusted average rate of hospitalizations per 1,000 †	14.3	14.5	14.4	14.3	13.7	14.0	16.3	15.9	16.1	1.12 H
							(16.1-16.5)	(15.7-16.1)	(16.0-16.3)	

**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 Medical 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>