

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**
Surgical Hospital Admissions (2011-2012) †										
Total Population Age 0-9 ^a	724,780	689,570	1,414,350	56,565	54,040	110,605	72,600	68,775	141,375	
# of Hospitalizations (2 yrs) ‡	3,948	2,884	6,832	307	235	542	437	303	740	
Average annual rate of hospitalizations per 1,000 pop	2.7	2.1	2.4	2.7	2.2	2.5	3.0 (2.7-3.3)	2.2 (2.0-2.5)	2.6 (2.4-2.8)	1.08 H
Total Population Age 10-19 ^a	832,650	789,580	1,622,230	52,705	51,205	103,910	87,120	82,900	170,020	
# of Hospitalizations (2 yrs) ‡	5,421	4,111	9,532	349	289	638	667	491	1,158	
Average annual rate of hospitalizations per 1,000 pop	3.3	2.6	2.9	3.3	2.8	3.1	3.8 (3.5-4.1)	3.0 (2.7-3.2)	3.4 (3.2-3.6)	1.16 H
Total Population Age 20-44 ^a	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) ‡	17,124	23,488	40,612	1,929	1,890	3,819	1,985	2,734	4,719	
Average annual rate of hospitalizations per 1,000 pop	4.1	5.4	4.8	4.1	3.9	4.0	4.9 (4.7-5.1)	6.5 (6.3-6.8)	5.7 (5.5-5.9)	1.19 H
Total Population Age 45-64 ^a	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) ‡	47,029	46,721	93,750	3,759	3,195	6,954	5,642	5,902	11,544	
Average annual rate of hospitalizations per 1,000 pop	13.1	12.4	12.7	12.7	10.4	11.5	14.7 (14.3-15.1)	14.5 (14.1-14.8)	14.6 (14.3-14.8)	1.14 H
Total Population Age 65-84 ^a	751,155	877,265	1,628,420	56,650	71,050	127,700	89,950	106,685	196,635	
# of Hospitalizations (2 yrs) ‡	51,102	45,145	96,247	3,639	3,421	7,060	6,346	5,863	12,209	
Average annual rate of hospitalizations per 1,000 pop	34.0	25.7	29.6	32.1	24.1	27.6	35.3 (34.4-36.2)	27.5 (26.8-28.2)	31.0 (30.5-31.6)	1.05 H
Total Population Age 85+ ^a	80,480	164,370	244,850	7,120	15,145	22,265	10,450	21,765	32,215	
# of Hospitalizations (2 yrs) ‡	6,423	9,545	15,968	614	798	1,412	763	1,242	2,005	
Average annual rate of hospitalizations per 1,000 pop	39.9	29.0	32.6	43.1	26.3	31.7	36.5 (34.0-39.2)	28.5 (27.0-30.2)	31.1 (29.8-32.5)	0.95 L
Total Population ^a	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) ‡	131,047	131,894	262,941	10,597	9,828	20,425	15,840	16,535	32,375	
Age-Adjusted average rate of hospitalizations per 1,000 †	8.5	8.7	8.6	8.3	7.5	7.9	9.3 (9.2-9.5)	9.8 (9.6-9.9)	9.6 (9.4-9.7)	1.12 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.

^a 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>