

## LHIN 12 – North Simcoe Muskoka Profile: Adult Health and Disease

Indicators	Ontario			Toronto Central LHIN			North Simcoe Muskoka			
	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 20-44 <sup>a</sup>	2,003,902	2,063,163	4,067,065	233,721	248,287	482,008	67,920	67,864	135,784	
Total Population Age 45-64 <sup>a</sup>	1,711,881	1,764,790	3,476,671	155,933	155,262	311,195	65,558	67,614	133,172	
Total Population Age 65+ <sup>a</sup>	823,469	1,012,925	1,836,394	66,459	87,258	153,717	34,670	40,640	75,310	
<b>Chronic Illness (2012)</b>										
<b>Diabetes ±</b>										
# of people With diabetes	58,573	64,464	123,037	5,653	5,746	11,399	1,783	2,200	3,983	
% With diabetes	2.9	3.1	3.0	2.4	2.3	2.4	2.6	3.2	2.9	0.97 NS
Age 20-44							(2.5-2.7)	(3.1-3.4)	(2.8-3.0)	
# of people With diabetes	286,120	231,412	517,532	22,241	18,167	40,408	9,951	7,699	17,650	
% With diabetes	16.7	13.1	14.9	14.3	11.7	13.0	15.2	11.4	13.3	0.89 L
Age 45-64							(14.9-15.5)	(11.1-11.6)	(13.1-13.5)	
# of people With diabetes	321,981	328,453	650,434	24,775	28,413	53,188	12,928	11,924	24,852	
% With diabetes	39.1	32.4	35.4	37.3	32.6	34.6	37.3	29.3	33.0	0.93 L
Age 65+							(36.6-37.9)	(28.8-29.9)	(32.6-33.4)	
# of people With diabetes 20+	666,674	624,329	1,291,003	52,669	52,326	104,995	24,662	21,823	46,485	
% With diabetes	11.6	11.1	11.4	10.4	10.2	10.3	10.8	10.1	10.4	0.91 L
Age-Standardized †							(10.6-10.9)	(10.0-10.2)	(10.3-10.5)	
<b>Asthma ±</b>										
# of people With asthma	288,225	319,724	607,949	29,041	31,984	61,025	10,729	12,648	23,377	
% With asthma	14.4	15.5	14.9	12.4	12.9	12.7	15.8	18.6	17.2	1.15 H
Age 20-44							(15.5-16.1)	(18.3-19.0)	(17.0-17.4)	
# of people With asthma	148,406	244,378	392,784	14,701	21,776	36,477	5,644	9,910	15,554	
% With asthma	8.7	13.8	11.3	9.4	14.0	11.7	8.6	14.7	11.7	1.04 H
Age 45-64							(8.4-8.8)	(14.4-14.9)	(11.5-11.9)	
# of people With asthma	84,652	145,365	230,017	8,177	14,174	22,351	3,142	5,728	8,870	
% With asthma	10.3	14.4	12.5	12.3	16.2	14.5	9.1	14.1	11.8	0.94 L
Age 65+							(8.7-9.4)	(13.7-14.5)	(11.5-12.0)	
# of people With asthma 20+	521,283	709,467	1,230,750	51,919	67,934	119,853	19,515	28,286	47,801	
% With asthma	12.2	15.1	13.7	11.6	13.8	12.7	12.9	16.8	14.9	1.09 H
Age-Standardized †							(12.7-13.1)	(16.6-17.0)	(14.8-15.0)	
<b>High Blood Pressure ±</b>										
# of people With HBP	123,789	101,977	225,766	11,829	8,985	20,814	4,096	3,577	7,673	
% With high blood pressure	6.2	4.9	5.6	5.1	3.6	4.3	6.0	5.3	5.7	1.02 NS
Age 20-44							(5.8-6.2)	(5.1-5.4)	(5.5-5.8)	
# of people With HBP	567,467	533,514	1,100,981	44,230	40,916	85,146	21,375	19,765	41,140	
% With high blood pressure	33.1	30.2	31.7	28.4	26.4	27.4	32.6	29.2	30.9	0.98 L
Age 45-64							(32.2-33.0)	(28.8-29.6)	(30.5-31.3)	
# of people With HBP	577,953	736,493	1,314,446	45,207	61,649	106,856	24,115	29,249	53,364	
% With high blood pressure	70.2	72.7	71.6	68.0	70.7	69.5	69.6	72.0	70.9	0.99 NS
Age 65+							(68.0-71.1)	(70.4-73.5)	(69.7-72.0)	
# of people With HBP 20+	1,269,209	1,371,984	2,641,193	101,266	111,550	212,816	49,586	52,591	102,177	
% With high blood pressure	22.2	23.9	23.1	20.0	21.7	20.8	21.9	23.6	22.8	0.99 L
Age-Standardized †							(21.8-22.1)	(23.4-23.7)	(22.7-22.9)	

**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: Ontario Ministry of Health and Long-Term Care Registered Persons Database (RPDB), population with at least one health claim in the previous five years.

**±** Numerator: derived from validated, disease registries maintained by the Institute for Clinical Evaluative Sciences (ICES)  
Diabetes derived from the Ontario Diabetes Database (ODD) maintained by the Institute for Clinical Evaluative Sciences (ICES)

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

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

**†** Rates are age-standardized 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>Demographics</b>										
Total Population Age 20-44 <sup>a</sup>	2,003,902	2,063,163	4,067,065	233,721	248,287	482,008	67,920	67,864	135,784	
Total Population Age 35-64 <sup>a</sup>	2,514,902	2,601,478	5,116,380	252,970	251,777	504,747	93,084	95,902	188,986	
Total Population Age 45-64 <sup>a</sup>	823,469	1,012,925	1,836,394	155,933	155,262	311,195	65,558	67,614	133,172	
Total Population Age 65+ <sup>a</sup>	1,711,881	1,764,790	3,476,671	66,459	87,258	153,717	34,670	40,640	75,310	
<b>Chronic Illness (2012)</b>										
<b>Mental Health ±</b>										
# of people With MHV	131,740	197,989	329,729	15,648	20,742	36,390	4,676	7,286	11,962	
% With mental health visits	6.6	9.6	8.1	6.7	8.4	7.5	6.9	10.7	8.8	1.09 H
Age 20-44							(6.7-7.1)	(10.5-11.0)	(8.7-9.0)	
# of people With MHV	125,023	185,051	310,074	13,663	16,998	30,661	4,694	7,125	11,819	
% With mental health visits	7.3	10.5	8.9	8.8	10.9	9.9	7.2	10.5	8.9	1.00 NS
Age 45-64							(7.0-7.4)	(10.3-10.8)	(8.7-9.0)	
# of people With MHV	53,081	86,857	139,938	5,150	8,558	13,708	2,030	3,284	5,314	
% With mental health visits	6.4	8.6	7.6	7.7	9.8	8.9	5.9	8.1	7.1	0.93 L
Age 65+							(5.6-6.1)	(7.8-8.4)	(6.9-7.2)	
# of people With MHV 20+	309,844	469,897	779,741	34,461	46,298	80,759	11,400	17,695	29,095	
% With mental health visits	6.7	9.8	8.3	7.4	9.3	8.4	6.8	10.2	8.5	1.02 H
Age-Standardized †							(6.7-6.9)	(10.1-10.4)	(8.4-8.6)	
<b>Chronic Obstructive Pulmonary Disease (COPD) ±</b>										
# of people With COPD	197,573	194,622	392,195	17,840	14,344	32,184	8,617	9,204	17,821	
% With COPD	7.9	7.5	7.7	7.1	5.7	6.4	9.3	9.6	9.4	1.22 H
Age 35-64							(9.1-9.5)	(9.4-9.8)	(9.3-9.6)	
# of people With COPD	196,467	210,627	407,094	16,147	16,337	32,484	8,863	10,246	19,109	
% With COPD	23.9	20.8	22.2	24.3	18.7	21.1	25.6	25.2	25.4	1.14 H
Age 65+							(25.0-26.1)	(24.7-25.7)	(25.0-25.7)	
# of people With COPD 35+	394,040	405,249	799,289	33,987	30,681	64,668	17,480	19,450	36,930	
% With COPD	11.6	11.7	11.7	10.7	9.3	10.0	12.7	13.9	13.3	1.14 H
Age-Standardized †							(12.6-12.9)	(13.7-14.0)	(13.2-13.5)	

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**±** Numerator: derived from validated, disease registries maintained by the Institute for Clinical Evaluative Sciences (ICES) Mental health conditions are defined by the occurrence of a doctor's visit for a symptom related to mental health. Non-OHIP (Ontario Health Insurance Plan) claims are not available.

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

**†** Rates are age-standardized 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>