

LHIN 3 – Waterloo Wellington Profile: Adult Health and Disease

| Indicators | Ontario | | | Toronto Central LHIN | | | Waterloo Wellington | | | |
|---|-----------|-----------|------------|----------------------|---------|------------|---------------------|------------------|---------------------|--------------|
| | Males | Females | Both sexes | Males | Females | Both sexes | Males (95% CI) | Females (95% CI) | Both sexes (95% CI) | Rate Ratio** |
| Demographics | | | | | | | | | | |
| Total Population Age 20-44 ^a | 2,003,902 | 2,063,163 | 4,067,065 | 233,721 | 248,287 | 482,008 | 110,481 | 108,377 | 218,858 | |
| Total Population Age 45-64 ^a | 1,711,881 | 1,764,790 | 3,476,671 | 155,933 | 155,262 | 311,195 | 83,713 | 85,496 | 169,209 | |
| Total Population Age 65+ ^a | 823,469 | 1,012,925 | 1,836,394 | 66,459 | 87,258 | 153,717 | 39,025 | 48,647 | 87,672 | |
| Chronic Illness (2012) | | | | | | | | | | |
| Diabetes ± | | | | | | | | | | |
| # of people With diabetes | 58,573 | 64,464 | 123,037 | 5,653 | 5,746 | 11,399 | 2,730 | 3,028 | 5,758 | |
| % With diabetes | 2.9 | 3.1 | 3.0 | 2.4 | 2.3 | 2.4 | 2.5 | 2.8 | 2.6 | 0.87 L |
| Age 20-44 | | | | | | | (2.4-2.6) | (2.7-2.9) | (2.6-2.7) | |
| # of people With diabetes | 286,120 | 231,412 | 517,532 | 22,241 | 18,167 | 40,408 | 12,661 | 10,028 | 22,689 | |
| % With diabetes | 16.7 | 13.1 | 14.9 | 14.3 | 11.7 | 13.0 | 15.1 | 11.7 | 13.4 | 0.90 L |
| Age 45-64 | | | | | | | (14.9-15.4) | (11.5-12.0) | (13.2-13.6) | |
| # of people With diabetes | 321,981 | 328,453 | 650,434 | 24,775 | 28,413 | 53,188 | 14,760 | 14,817 | 29,577 | |
| % With diabetes | 39.1 | 32.4 | 35.4 | 37.3 | 32.6 | 34.6 | 37.8 | 30.5 | 33.7 | 0.95 L |
| Age 65+ | | | | | | | (37.2-38.4) | (30.0-31.0) | (33.4-34.1) | |
| # of people With diabetes 20+ | 666,674 | 624,329 | 1,291,003 | 52,669 | 52,326 | 104,995 | 30,151 | 27,873 | 58,024 | |
| % With diabetes | 11.6 | 11.1 | 11.4 | 10.4 | 10.2 | 10.3 | 10.7 | 10.1 | 10.4 | 0.91 L |
| Age-Standardized † | | | | | | | (10.6-10.8) | (10.0-10.2) | (10.3-10.5) | |
| Asthma ± | | | | | | | | | | |
| # of people With asthma | 288,225 | 319,724 | 607,949 | 29,041 | 31,984 | 61,025 | 14,649 | 16,020 | 30,669 | |
| % With asthma | 14.4 | 15.5 | 14.9 | 12.4 | 12.9 | 12.7 | 13.3 | 14.8 | 14.0 | 0.94 L |
| Age 20-44 | | | | | | | (13.0-13.5) | (14.6-15.0) | (13.9-14.2) | |
| # of people With asthma | 148,406 | 244,378 | 392,784 | 14,701 | 21,776 | 36,477 | 6,045 | 9,766 | 15,811 | |
| % With asthma | 8.7 | 13.8 | 11.3 | 9.4 | 14.0 | 11.7 | 7.2 | 11.4 | 9.3 | 0.82 L |
| Age 45-64 | | | | | | | (7.0-7.4) | (11.2-11.7) | (9.2-9.5) | |
| # of people With asthma | 84,652 | 145,365 | 230,017 | 8,177 | 14,174 | 22,351 | 3,095 | 5,497 | 8,592 | |
| % With asthma | 10.3 | 14.4 | 12.5 | 12.3 | 16.2 | 14.5 | 7.9 | 11.3 | 9.8 | 0.78 L |
| Age 65+ | | | | | | | (7.7-8.2) | (11.0-11.6) | (9.6-10.0) | |
| # of people With asthma 20+ | 521,283 | 709,467 | 1,230,750 | 51,919 | 67,934 | 119,853 | 23,789 | 31,283 | 55,072 | |
| % With asthma | 12.2 | 15.1 | 13.7 | 11.6 | 13.8 | 12.7 | 10.9 | 13.3 | 12.1 | 0.88 L |
| Age-Standardized † | | | | | | | (10.8-11.0) | (13.1-13.4) | (12.0-12.2) | |
| High Blood Pressure ± | | | | | | | | | | |
| # of people With HBP | 123,789 | 101,977 | 225,766 | 11,829 | 8,985 | 20,814 | 5,451 | 4,455 | 9,906 | |
| % With high blood pressure | 6.2 | 4.9 | 5.6 | 5.1 | 3.6 | 4.3 | 4.9 | 4.1 | 4.5 | 0.80 L |
| Age 20-44 | | | | | | | (4.8-5.1) | (4.0-4.2) | (4.4-4.6) | |
| # of people With HBP | 567,467 | 533,514 | 1,100,981 | 44,230 | 40,916 | 85,146 | 24,509 | 22,465 | 46,974 | |
| % With high blood pressure | 33.1 | 30.2 | 31.7 | 28.4 | 26.4 | 27.4 | 29.3 | 26.3 | 27.8 | 0.88 L |
| Age 45-64 | | | | | | | (28.9-29.6) | (25.9-26.6) | (27.5-28.1) | |
| # of people With HBP | 577,953 | 736,493 | 1,314,446 | 45,207 | 61,649 | 106,856 | 25,414 | 33,255 | 58,669 | |
| % With high blood pressure | 70.2 | 72.7 | 71.6 | 68.0 | 70.7 | 69.5 | 65.1 | 68.4 | 66.9 | 0.93 L |
| Age 65+ | | | | | | | (63.8-66.5) | (67.1-69.7) | (66.0-67.9) | |
| # of people With HBP 20+ | 1,269,209 | 1,371,984 | 2,641,193 | 101,266 | 111,550 | 212,816 | 55,374 | 60,175 | 115,549 | |
| % With high blood pressure | 22.2 | 23.9 | 23.1 | 20.0 | 21.7 | 20.8 | 19.8 | 21.5 | 20.7 | 0.90 L |
| Age-Standardized † | | | | | | | (19.6-19.9) | (21.4-21.6) | (20.6-20.7) | |

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** |
| Demographics | | | | | | | | | | |
| Total Population Age 20-44 ^a | 2,003,902 | 2,063,163 | 4,067,065 | 233,721 | 248,287 | 482,008 | 110,481 | 108,377 | 218,858 | |
| Total Population Age 35-64 ^a | 2,514,902 | 2,601,478 | 5,116,380 | 252,970 | 251,777 | 504,747 | 125,344 | 126,715 | 252,059 | |
| Total Population Age 45-64 ^a | 823,469 | 1,012,925 | 1,836,394 | 155,933 | 155,262 | 311,195 | 83,713 | 85,496 | 169,209 | |
| Total Population Age 65+ ^a | 1,711,881 | 1,764,790 | 3,476,671 | 66,459 | 87,258 | 153,717 | 39,025 | 48,647 | 87,672 | |
| Chronic Illness (2012) | | | | | | | | | | |
| Mental Health [±] | | | | | | | | | | |
| # of people With MHV | 131,740 | 197,989 | 329,729 | 15,648 | 20,742 | 36,390 | 6,815 | 9,769 | 16,584 | |
| % With mental health visits | 6.6 | 9.6 | 8.1 | 6.7 | 8.4 | 7.5 | 6.2 | 9.0 | 7.6 | 0.94 L |
| Age 20-44 | | | | | | | (6.0-6.3) | (8.8-9.2) | (7.5-7.7) | |
| # of people With MHV | 125,023 | 185,051 | 310,074 | 13,663 | 16,998 | 30,661 | 5,286 | 7,890 | 13,176 | |
| % With mental health visits | 7.3 | 10.5 | 8.9 | 8.8 | 10.9 | 9.9 | 6.3 | 9.2 | 7.8 | 0.88 L |
| Age 45-64 | | | | | | | (6.1-6.5) | (9.0-9.4) | (7.7-7.9) | |
| # of people With MHV | 53,081 | 86,857 | 139,938 | 5,150 | 8,558 | 13,708 | 2,031 | 3,567 | 5,598 | |
| % With mental health visits | 6.4 | 8.6 | 7.6 | 7.7 | 9.8 | 8.9 | 5.2 | 7.3 | 6.4 | 0.84 L |
| Age 65+ | | | | | | | (5.0-5.4) | (7.1-7.6) | (6.2-6.6) | |
| # of people With MHV 20+ | 309,844 | 469,897 | 779,741 | 34,461 | 46,298 | 80,759 | 14,132 | 21,226 | 35,358 | |
| % With mental health visits | 6.7 | 9.8 | 8.3 | 7.4 | 9.3 | 8.4 | 6.1 | 8.8 | 7.5 | 0.90 L |
| Age-Standardized † | | | | | | | (6.0-6.2) | (8.7-8.9) | (7.4-7.5) | |
| Chronic Obstructive Pulmonary Disease (COPD) [±] | | | | | | | | | | |
| # of people With COPD | 197,573 | 194,622 | 392,195 | 17,840 | 14,344 | 32,184 | 8,034 | 7,885 | 15,919 | |
| % With COPD | 7.9 | 7.5 | 7.7 | 7.1 | 5.7 | 6.4 | 6.4 | 6.2 | 6.3 | 0.82 L |
| Age 35-64 | | | | | | | (6.3-6.6) | (6.1-6.4) | (6.2-6.4) | |
| # of people With COPD | 196,467 | 210,627 | 407,094 | 16,147 | 16,337 | 32,484 | 8,166 | 8,784 | 16,950 | |
| % With COPD | 23.9 | 20.8 | 22.2 | 24.3 | 18.7 | 21.1 | 20.9 | 18.1 | 19.3 | 0.87 L |
| Age 65+ | | | | | | | (20.5-21.4) | (17.7-18.4) | (19.0-19.6) | |
| # of people With COPD 35+ | 394,040 | 405,249 | 799,289 | 33,987 | 30,681 | 64,668 | 16,200 | 16,669 | 32,869 | |
| % With COPD | 11.6 | 11.7 | 11.7 | 10.7 | 9.3 | 10.0 | 9.5 | 9.5 | 9.5 | 0.81 L |
| Age-Standardized † | | | | | | | (9.4-9.7) | (9.3-9.6) | (9.4-9.6) | |

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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>