

# LHPA 23 - Keele-Lawrence Profile: Adult Health and Disease

|   | Toronto |         |            | Keele-Lawrence      |                     |                        |                 |
|---|---------|---------|------------|---------------------|---------------------|------------------------|-----------------|
|   | Males   | Females | Both sexes | Males<br>(95% CI)   | Females<br>(95% CI) | Both sexes<br>(95% CI) | Rate<br>Ratio** |
| <b>Demographics</b>                                     |         |         |            |                     |                     |                        |                 |
| Total Population Age 20-44 <sup>a</sup>                 | 524,165 | 531,940 | 1,056,105  | 8,244               | 8,790               | 17,034                 |                 |
| Total Population Age 45-64 <sup>a</sup>                 | 282,668 | 305,984 | 588,652    | 3,652               | 4,230               | 7,882                  |                 |
| Total Population Age 65+ <sup>a</sup>                   | 167,731 | 226,843 | 394,574    | 2,752               | 3,312               | 6,064                  |                 |
| <b>Chronic Illness - Physician Visits (2001-2003)</b>   |         |         |            |                     |                     |                        |                 |
| <b>Diabetes <sup>c</sup></b>                            |         |         |            |                     |                     |                        |                 |
| % With diabetes - Age 45-64                             | 13.8    | 11.2    | 12.5       | 17.4<br>(16.2-18.6) | 15.2<br>(14.1-16.2) | 16.2<br>(15.4-17.0)    | 1.30 H          |
| % With diabetes - Age 65+                               | 22.7    | 19.2    | 20.7       | 24.8<br>(23.1-26.4) | 22.9<br>(21.4-24.4) | 23.7<br>(22.6-24.8)    | 1.15 H          |
| % With diabetes - Age Adjusted <sup>†</sup>             | 16.9    | 14.4    | 15.6       | 19.9<br>(18.9-20.8) | 18.0<br>(17.2-18.9) | 18.9<br>(18.2-19.5)    | 1.21 H          |
| <b>Arthritis / Rheumatism <sup>a±</sup></b>             |         |         |            |                     |                     |                        |                 |
| % With arthritis/rheumatism - Age 45-64                 | 12.7    | 19.0    | 16.0       | 15.5<br>(14.4-16.7) | 24.9<br>(23.6-26.2) | 20.6<br>(19.7-21.4)    | 1.29 H          |
| % With arthritis/rheumatism - Age 65+                   | 18.1    | 24.6    | 21.8       | 21.3<br>(19.7-22.8) | 27.3<br>(25.8-28.9) | 24.6<br>(23.4-25.7)    | 1.13 H          |
| % With arthritis/rheumatism - Age Adjusted <sup>†</sup> | 14.6    | 21.3    | 18.2       | 17.5<br>(16.5-18.4) | 25.7<br>(24.7-26.7) | 21.9<br>(21.2-22.6)    | 1.20 H          |
| <b>Asthma <sup>a±</sup></b>                             |         |         |            |                     |                     |                        |                 |
| % With asthma - Age 20-44                               | 2.1     | 2.8     | 2.4        | 2.3<br>(2.0-2.7)    | 3.3<br>(3.0-3.7)    | 2.8<br>(2.6-3.1)       | 1.15 H          |
| % With asthma - Age 45-64                               | 2.3     | 3.6     | 3.0        | 3.1<br>(2.6-3.7)    | 4.1<br>(3.6-4.7)    | 3.7<br>(3.3-4.1)       | 1.23 H          |
| % With asthma - Age Adjusted <sup>†</sup>               | 2.2     | 3.1     | 2.6        | 2.6<br>(2.3-2.9)    | 3.6<br>(3.3-4)      | 3.1<br>(2.9-3.3)       | 1.19 H          |
| <b>High Blood Pressure <sup>a±</sup></b>                |         |         |            |                     |                     |                        |                 |
| % With high blood pressure - Age 45-64                  | 18.5    | 21.0    | 19.8       | 21.1<br>(19.8-22.4) | 25.9<br>(24.6-27.2) | 23.7<br>(22.8-24.6)    | 1.20 H          |
| % With high blood pressure - Age 65+                    | 33.0    | 38.2    | 36.0       | 35.6<br>(33.7-37.4) | 40.7<br>(39-42.4)   | 38.4<br>(37.1-39.6)    | 1.07 H          |
| % With high blood pressure - Age Adjusted <sup>†</sup>  | 23.6    | 28.0    | 25.9       | 26.0<br>(25.0-27.1) | 31.4<br>(30.4-32.4) | 28.9<br>(28.2-29.7)    | 1.11 H          |
| <b>Heart Disease <sup>a±</sup></b>                      |         |         |            |                     |                     |                        |                 |
| % With heart disease - Age 45-64                        | 6.1     | 3.2     | 4.5        | 6.7<br>(5.9-7.4)    | 3.3<br>(2.8-3.9)    | 4.9<br>(4.4-5.3)       | 1.08 NS         |
| % With heart disease - Age 65+                          | 18.7    | 11.8    | 14.7       | 17.8<br>(16.3-19.2) | 9.8<br>(8.8-10.9)   | 13.4<br>(12.6-14.3)    | 0.91 L          |
| % With heart disease - Age Adjusted <sup>†</sup>        | 10.5    | 6.7     | 8.4        | 10.5<br>(9.8-11.2)  | 5.9<br>(5.4-6.5)    | 8.0<br>(7.6-8.5)       | 0.95 NS         |
| <b>Stroke <sup>a±</sup></b>                             |         |         |            |                     |                     |                        |                 |
| % With a stroke - Age 45-64                             | 0.7     | 0.5     | 0.6        | 0.7<br>(0.4-1.0)    | 0.7<br>(0.5-0.9)    | 0.7<br>(0.5-0.9)       | 1.15 NS         |
| % With a stroke - Age 65+                               | 3.9     | 3.2     | 3.5        | 3.8<br>(3.0-4.5)    | 3.4<br>(2.8-4.0)    | 3.6<br>(3.1-4.0)       | 1.02 NS         |
| % With a stroke - Age Adjusted <sup>†</sup>             | 1.8     | 1.6     | 1.7        | 1.8<br>(1.5-2.1)    | 1.8<br>(1.5-2.1)    | 1.8<br>(1.6-2.0)       | 1.05 NS         |

CI - Confidence Interval

H/L/NS- chances are 19 in 20 that the rate is higher (H) or lower (L) or not significantly (NS) different than the aggregate (city) rate.

± Numerator: prevalence based on 2 or more visits to a physician in two years.

a Denominator: Ontario Ministry of Health and Long-Term Care Registered Persons' Database, population with at least 1 health claim in the previous three years.

c The Ontario Diabetes Database (ODD) was used to abstract people with diabetes. In this dataset, diabetes diagnosis is based on an algorithm using either at least 2 physician visits (MOHLTC) or at least 1 hospitalization (CIHI) within two years.

† Rates for Toronto are used as a reference and are not age-adjusted.

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

For information about definitions, data quality & limitations, and selection & preparation of variables, please go to <http://www.torontohealthprofiles.ca/aboutTheData.php>

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| <b>Demographics</b>   |         |         |            |                     |                     |                        |                 |
| Total Population Age 20-44 <sup>a</sup>                                     | 524,165 | 531,940 | 1,056,105  | 8,244               | 8,790               | 17,034                 |                 |
| Total Population Age 45-64 <sup>a</sup>                                     | 282,668 | 305,984 | 588,652    | 3,652               | 4,230               | 7,882                  |                 |
| Total Population Age 65+ <sup>a</sup>                                       | 167,731 | 226,843 | 394,574    | 2,752               | 3,312               | 6,064                  |                 |
| <b>Mental Health - Physician Visits <sup>±</sup> (2001-2003)</b>            |         |         |            |                     |                     |                        |                 |
| % With mental health visits - Age 20-44                                     | 12.3    | 18.2    | 15.3       | 12.3<br>(11.6-13.0) | 19.7<br>(18.9-20.5) | 16.1<br>(15.5-16.6)    | 1.05 H          |
| % With mental health visits - Age 45-64                                     | 15.8    | 21.9    | 18.9       | 16.3<br>(15.1-17.5) | 23.9<br>(22.6-25.1) | 20.4<br>(19.5-21.2)    | 1.08 H          |
| % With mental health visits - Age 65+                                       | 13.6    | 16.9    | 15.5       | 14.5<br>(13.2-15.9) | 18.8<br>(17.5-20.2) | 16.9<br>(15.9-17.8)    | 1.09 H          |
| % With mental health visits - Age Adjusted <sup>†</sup>                     | 13.6    | 19.0    | 16.4       | 13.8<br>(13.3-14.4) | 20.8<br>(20.2-21.4) | 17.5<br>(17.0-17.9)    | 1.07 H          |
| <b>Disability (2001)</b>  |         |         |            |                     |                     |                        |                 |
| <b>Activity Limitation- Working Age, population Aged 15-64 <sup>d</sup></b> |         |         |            |                     |                     |                        |                 |
| Persons in households - Age 15-44   | 557,130 | 577,630 | 1,134,945  | 10,845              | 10,835              | 21,675                 |                 |
| % With activity difficulties/reductions - Age 15-44                         | 8.2     | 8.3     | 8.3        | 7.9<br>(7.4-8.4)    | 9.7<br>(9.1-10.2)   | 8.7<br>(8.3-9.0)       | 1.05 NS         |
| Persons in households - Age 45-64   | 258,855 | 292,285 | 550,985    | 5,430               | 6,520               | 11,990                 |                 |
| % With activity difficulties/reductions - Age 45-64                         | 19.5    | 23.3    | 21.5       | 22.9<br>(21.8-24.0) | 26.3<br>(25.2-27.4) | 24.9<br>(24.1-25.6)    | 1.16 H          |
| Persons in households - Age 65+   | 137,470 | 181,215 | 318,570    | 4,420               | 5,820               | 10,255                 |                 |
| % With activity difficulties/reductions - Age 65+                           | 49.1    | 53.9    | 51.9       | 48.8<br>(47.3-50.2) | 52.6<br>(51.3-53.9) | 51.0<br>(50.0-52.0)    | 0.98 NS         |
| % With activity difficulties/reductions - Age adjusted <sup>†</sup>         | 15.1    | 17.7    | 16.5       | 14.5<br>(14.1-14.9) | 18.1<br>(17.7-18.5) | 16.4<br>(16.1-16.6)    | 1.00 NS         |

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± Numerator: prevalence based on 2 or more visits to a physician in two years.

a Denominator: Ontario Ministry of Health and Long-Term Care Registered Persons' Database, population with at least 1 health claim in the previous three years.

d Data Source: 2001 Canada Census. This question was presented to a 20% sample of the total, non-institutional population.

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