

## LHPA 24 - Lawrence West Profile: Mothers and Babies

| Birth Indicators   | Toronto          |           | Lawrence West       |           |                |              |
|--|------------------|-----------|---------------------|-----------|----------------|--------------|
|  | Count            | % or Rate | Count               | % or Rate | 95% CI         | Rate Ratio** |
| <b>Hospital Births</b>                                     |                  |           |                     |           |                |              |
| 1996   | 33,529           |           | 528                 | 1.6       |                |              |
| 1997   | 32,307           |           | 505                 | 1.6       |                |              |
| 1998   | 31,700           |           | 484                 | 1.5       |                |              |
| 1999   | 31,085           |           | 504                 | 1.6       |                |              |
| 2000   | 30,890           |           | 457                 | 1.5       |                |              |
| 2001   | 31,134           |           | 481                 | 1.5       |                |              |
| 2002   | 30,522           |           | 482                 | 1.6       |                |              |
| <b>Fertility Rate***</b>                                   |                  |           |                     |           |                |              |
| Total Hospital Births to Women 15-49 years, 2000-02        | 92,456           |           | 1,420               |           |                |              |
| # of Women 15-49 years, 2001                               | 677,550          |           | 8,355               |           |                |              |
| 3-year Ave # of Births /1,000 women 15-49 years            |                  | 45.53     |                     | 56.65     | (51.55, 61.76) | 1.24 H       |
| <b>Teen Birth Rate***</b>                                  |                  |           |                     |           |                |              |
| Total Hospital Births to Women 15-19 years, 1997-01        | 5,604            |           | 94                  |           |                |              |
| # of Women 15-19 years, 2001                               | 69,855           |           | 955                 |           |                |              |
| 5-year Ave # of Births /1,000 women 15-19 years            |                  | 16.04     |                     | 19.69     | (15.91, 24.06) | 1.23 NS      |
| <b>Low Birthweight (LBW) - Total Births****</b>            |                  |           |                     |           |                |              |
| Total Hospital Births: Known Birthweight, 2000-02          | 92,541           |           | 1,420               |           |                |              |
| # LBW (Birthweight <2500 grams)                            | 6,144            |           | 109                 |           |                |              |
| % LBW (Birthweight <2500 grams)                            |                  | 6.6       |                     | 7.7       | (6.3, 9.1)     | 1.16 NS      |
| <b>Low Birthweight (LBW) - Singleton Births</b>            |                  |           |                     |           |                |              |
| Singleton Registered Births: Known Birthweight, 1996-00    | 143,454          |           | 2,280               |           |                |              |
| # LBW (Birthweight <2500 grams)                            | 7,399            |           | 113                 |           |                |              |
| % LBW (Birthweight <2500 grams)                            |                  | 5.2       |                     | 5.0       | (4.1, 5.8)     | 0.96 NS      |
| <b>Births by Mother's Country of Birth (MCOB)</b>          |                  |           |                     |           |                |              |
| # of Registered Births by MCOB, 2001                       | 28,631           |           | 457                 |           |                |              |
| # & % of Births to Mothers not Born in Canada              | 18,813           | 65.7      | 276                 | 60.4      |                |              |
| Top 3 Mother's Country of Birth (# & %)                    | China - 1,725    | 9.2       | United States - 149 | 14.9      |                |              |
|  | India - 1,558    | 8.3       | Philippines - 40    | 14.5      |                |              |
|  | SriLanka - 1,545 | 8.2       | Vietnam - 21        | 7.6       |                |              |
| <b>Infant Health Indicators</b>                            |                  |           |                     |           |                |              |
| <b>Immunization rate (children 0 to &lt; 2 years)*****</b> |                  |           |                     |           |                |              |
| # of Children born between July 96-July 97                 | 27,562           |           | 383                 |           |                |              |
| # & % Received at Least 5 Immunizations by Age 5           | 18727            | 67.9      | 279                 | 72.9      | (68.4, 77.3)   | 1.07 H       |

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.

Toronto numbers are the total of all geocoded data and table excludes records with missing/incomplete/invalid postal codes.

Dash ( - ) number and rate are suppressed since numerator is less than 5

\* rates based on fewer than 20 events may be unstable and imprecise.

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

\*\*\* Fertility rate and teen birth rate include both live births and stillbirths.

\*\*\*\* LBW rate for total births (live births only) includes singleton and multiple births (i.e. twins, triplets, etc.). Multiple births are more likely to have a low birthweight which makes the LBW rate for total births higher than the singleton LBW rate.

\*\*\*\*\* Ontario Ministry of Health and Long-term Care (MOHLTC) physician claims does not include data from Community Health Centres (CHCs).

### About the Data:

#### Registered Births from Vital Statistics

Indicator: % LBW Singleton Births, % Births to Mothers not Born in Canada

Source: Live Birth Database, PHPDB, Ministry of Health & Long Term Care (MOHLTC), Oct 2003

Data Limitations: A number of live births are not reported in the provincial vital statistics each year. This number increased in 1996 and again in 1997.

It is estimated that 3.2% of Toronto live births were not reported in 1997. The number under-reported is disproportionately higher among mothers under 20 years of age, low birth weight births and pre-term births. Therefore, the number of low birth weight births and pre-term births in 1997 may be higher than reported.

#### Hospital Births

Indicator: Total Hospital Births, % LBW Total Hospital Births, Teen Birth Rate, Fertility Rate

Source: Ontario Hospital Inpatient Data, Provincial Health Planning Database (PHPDB) Versions: 13.10 and 14.02, Health Planning Branch, Ontario MOHLTC and Statistics Canada, 2001 Census of Canada.

Data Limitations: Data excludes births that took place in a non-hospital location. Census tract allocation is based on postal code of patient. Inpatient records that have a missing/incomplete/invalid postal code are excluded from census tract analyses (approximately 2% from 1997 to 2000).

#### Infant Immunization

Source: Ontario Ministry of Health and Long-Term Care (MOHLTC)

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