

## N51 - Willowdale East Profile: Mothers and Babies

| Birth Indicators   | Toronto |           | Willowdale East |           |                |              |
|--|---------|-----------|-----------------|-----------|----------------|--------------|
|  | Count   | % or Rate | Count           | % or Rate | 95% CI         | Rate Ratio** |
| <b>Hospital Births</b>                                     |         |           |                 |           |                |              |
| 1996   | 33,529  |           | 188             | 0.6       |                |              |
| 1997   | 32,307  |           | 187             | 0.6       |                |              |
| 1998   | 31,700  |           | 181             | 0.6       |                |              |
| 1999   | 31,085  |           | 206             | 0.7       |                |              |
| 2000   | 30,890  |           | 211             | 0.7       |                |              |
| 2001   | 31,134  |           | 212             | 0.7       |                |              |
| 2002   | 30,522  |           | 246             | 0.8       |                |              |
| <b>Fertility Rate***</b>                                   |         |           |                 |           |                |              |
| Total Hospital Births to Women 15-49 years, 2000-02        | 92,546  |           | 669             |           |                |              |
| # of Women 15-49 years, 2001                               | 677,550 |           | 8,080           |           |                |              |
| 3-year Ave # of Births /1,000 women 15-49 years            |         | 45.53     |                 | 27.60     | (23.98, 31.22) | 0.61 L       |
| <b>Teen Birth Rate***</b>                                  |         |           |                 |           |                |              |
| Total Hospital Births to Women 15-19 years, 1997-01        | 5,604   |           | 18              |           |                |              |
| # of Women 15-19 years, 2001                               | 69,855  |           | 1,095           |           |                |              |
| 5-year Ave # of Births /1,000 women 15-19 years            |         | 16.04     |                 | 3.29 *    | (-0.11, 6.68)  | 0.20 L       |
| <b>Low Birthweight (LBW) - Total Births****</b>            |         |           |                 |           |                |              |
| Total Hospital Births: Known Birthweight, 2000-02          | 92,541  |           | 669             |           |                |              |
| # LBW (Birthweight <2500 grams)                            | 6,144   |           | 33              |           |                |              |
| % LBW (Birthweight <2500 grams)                            |         | 6.6       |                 | 4.9       | (3.3, 6.6)     | 0.74 NS      |
| <b>Low Birthweight (LBW) - Singleton Births</b>            |         |           |                 |           |                |              |
| Singleton Registered Births: Known Birthweight, 1996-00    | 143,454 |           | 873             |           |                |              |
| # LBW (Birthweight <2500 grams)                            | 7,399   |           | 41              |           |                |              |
| % LBW (Birthweight <2500 grams)                            |         | 5.2       |                 | 4.7       | (3.3, 6.1)     | 0.91 NS      |
| <b>Births by Mother's Country of Birth (MCOB)</b>          |         |           |                 |           |                |              |
| # of Registered Births by MCOB, 2001                       | 28,631  |           | 204             |           |                |              |
| # & % of Births to Mothers not Born in Canada              | 18,813  | 65.7      | 152             | 74.5      |                |              |
| <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  |           | 156             |           |                |              |
| # & % Received at Least 5 Immunizations by Age 5           | 18,727  | 67.9      | 119             | 76.3      | (69.6,83)      | 1.12 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.

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

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

\* 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>